

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
 Data File : BG046390.D
 Acq On : 20 Aug 2020 22:38
 Operator : CG/JU
 Sample : L3634-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMFO

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.142	4	9	27	rVB	1410723	2152325	26.40%	1.700%
2	7.107	677	684	702	rBV	284775	536443	6.58%	0.424%
3	7.266	702	711	722	rBV	223246	368470	4.52%	0.291%
4	7.478	740	747	754	rBV	283730	498243	6.11%	0.393%
5	7.942	819	826	833	rBV	262611	445433	5.46%	0.352%
6	8.647	939	946	954	rBV	379485	645928	7.92%	0.510%
7	9.093	1011	1022	1033	rBV	274035	491650	6.03%	0.388%
8	9.816	1137	1145	1153	rBV	234103	422609	5.18%	0.334%
9	10.362	1229	1238	1250	rBV	399856	747748	9.17%	0.590%
10	10.739	1292	1302	1306	rBV	391696	698056	8.56%	0.551%
11	10.786	1306	1310	1317	rVV	168430	287729	3.53%	0.227%
12	10.868	1317	1324	1338	rVV	252159	494562	6.07%	0.391%
13	12.395	1576	1584	1592	rBV	159064	255604	3.13%	0.202%
14	12.613	1611	1621	1629	rVB	127466	220674	2.71%	0.174%
15	13.852	1822	1832	1836	rBV	467859	738032	9.05%	0.583%
16	13.894	1836	1839	1844	rVB3	203813	302334	3.71%	0.239%
17	13.970	1844	1852	1857	rBV	687432	1154326	14.16%	0.911%
18	14.017	1857	1860	1867	rVB	261852	369500	4.53%	0.292%
19	14.258	1894	1901	1914	rBV	865719	1583826	19.42%	1.251%
20	14.569	1944	1954	1959	rBV	677649	1104393	13.54%	0.872%
21	14.634	1959	1965	1971	rVB	525580	822146	10.08%	0.649%
22	14.769	1982	1988	1995	rBV2	234657	438188	5.37%	0.346%
23	14.969	2016	2022	2030	rVB	449818	724494	8.89%	0.572%
24	15.562	2115	2123	2128	rVV	1188976	1828491	22.42%	1.444%
25	15.615	2128	2132	2139	rVV	641237	959778	11.77%	0.758%
26	15.686	2139	2144	2150	rVV2	238487	443780	5.44%	0.350%
27	15.780	2157	2160	2166	rVV3	129280	248993	3.05%	0.197%
28	15.856	2166	2173	2178	rVV2	768996	1215946	14.91%	0.960%
29	15.909	2178	2182	2190	rVV	238843	378383	4.64%	0.299%
30	16.056	2203	2207	2215	rVB	290192	580456	7.12%	0.458%
31	16.162	2215	2225	2229	rBV4	122244	334330	4.10%	0.264%
32	16.590	2291	2298	2300	rBV2	128474	245163	3.01%	0.194%
33	16.620	2300	2303	2308	rVV2	197798	352086	4.32%	0.278%
34	16.849	2333	2342	2345	rBV3	165674	356712	4.37%	0.282%

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35	16.890	2345	2349	2353	rVV2	157816	270275	3.31%	0.213%
36	16.967	2357	2362	2370	rVB	388946	640629	7.86%	0.506%
37	17.049	2370	2376	2385	rBV3	161675	516953	6.34%	0.408%
38	17.131	2385	2390	2395	rVB	331081	457998	5.62%	0.362%
39	17.313	2415	2421	2424	rBV	792274	1245372	15.27%	0.983%
40	17.360	2424	2429	2434	rVV	4705934	7685408	94.25%	6.069%
41	17.413	2434	2438	2441	rVV2	1338322	2045816	25.09%	1.615%
42	17.448	2441	2444	2449	rVV	1116127	1547327	18.98%	1.222%
43	17.501	2449	2453	2459	rVB2	167447	260213	3.19%	0.205%
44	17.713	2479	2489	2493	rBV2	653950	1228316	15.06%	0.970%
45	17.895	2515	2520	2528	rVV5	150792	262492	3.22%	0.207%
46	18.189	2561	2570	2574	rBV	910006	1549069	19.00%	1.223%
47	18.236	2574	2578	2586	rVB	1206424	1903546	23.34%	1.503%
48	18.318	2586	2592	2597	rVB	374137	557484	6.84%	0.440%
49	18.382	2597	2603	2607	rBV2	979345	1910551	23.43%	1.509%
50	18.418	2607	2609	2615	rVB	550558	697370	8.55%	0.551%
51	18.688	2650	2655	2658	rBV	600412	862788	10.58%	0.681%
52	18.729	2658	2662	2667	rVB	703210	983020	12.06%	0.776%
53	18.935	2693	2697	2701	rVB2	188771	233844	2.87%	0.185%
54	19.023	2708	2712	2716	rVB2	206277	275924	3.38%	0.218%
55	19.105	2720	2726	2731	rBV2	468588	819974	10.06%	0.647%
56	19.246	2745	2750	2753	rBV	410129	645406	7.92%	0.510%
57	19.375	2765	2772	2777	rVB	4988851	8154095	100.00%	6.439%
58	19.464	2784	2787	2792	rVB2	229064	303011	3.72%	0.239%
59	19.563	2799	2804	2807	rBV3	231691	404043	4.96%	0.319%
60	19.605	2808	2811	2815	rVB	178615	249937	3.07%	0.197%
61	19.699	2822	2827	2829	rBV3	2614860	3739913	45.87%	2.953%
62	19.734	2829	2833	2839	rVV	4751567	7361955	90.29%	5.813%
63	19.798	2839	2844	2851	rVB2	428270	712690	8.74%	0.563%
64	19.904	2857	2862	2868	rBV	457252	646094	7.92%	0.510%
65	19.963	2868	2872	2878	rVB	418228	641030	7.86%	0.506%
66	20.045	2880	2886	2898	rBV5	534514	1770000	21.71%	1.398%
67	20.186	2904	2910	2912	rBV5	387448	729980	8.95%	0.576%
68	20.216	2912	2915	2920	rVB	903844	1335019	16.37%	1.054%
69	20.321	2928	2933	2936	rBV	478585	665138	8.16%	0.525%
70	20.374	2936	2942	2946	rVV2	787733	1528017	18.74%	1.207%
71	20.415	2946	2949	2953	rVB4	282783	382847	4.70%	0.302%

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72	20.457	2953	2956	2961	rVB2	169394	224385	2.75%	0.177%
73	20.515	2962	2966	2970	rBV	427147	559524	6.86%	0.442%
74	20.568	2970	2975	2979	rVV2	1622289	2349976	28.82%	1.856%
75	20.609	2979	2982	2989	rVB3	706276	989167	12.13%	0.781%
76	20.774	3006	3010	3012	rBV2	193813	274236	3.36%	0.217%
77	20.809	3013	3016	3019	rVV4	148832	225829	2.77%	0.178%
78	20.974	3040	3044	3050	rVB	755018	1096699	13.45%	0.866%
79	21.150	3068	3074	3078	rBV2	522823	1106137	13.57%	0.873%
80	21.197	3078	3082	3084	rBV	494369	652671	8.00%	0.515%
81	21.226	3084	3087	3089	rBV2	454064	587742	7.21%	0.464%
82	21.303	3095	3100	3109	rVB2	699735	1601681	19.64%	1.265%
83	21.549	3136	3142	3148	rBV3	3039043	6545254	80.27%	5.168%
84	21.614	3148	3153	3165	rVB	2796678	5211050	63.91%	4.115%
85	21.761	3173	3178	3180	rBV	407545	675882	8.29%	0.534%
86	21.796	3181	3184	3191	rVB2	492825	858219	10.53%	0.678%
87	21.961	3206	3212	3219	rBV3	464159	996302	12.22%	0.787%
88	22.278	3258	3266	3271	rBV	693164	1366417	16.76%	1.079%
89	22.348	3272	3278	3286	rVB4	566511	1359147	16.67%	1.073%
90	22.542	3306	3311	3315	rBV2	300398	563630	6.91%	0.445%
91	23.712	3500	3510	3516	rBV	1865123	6320270	77.51%	4.991%
92	23.864	3532	3536	3543	rVB2	294957	591959	7.26%	0.467%
93	23.947	3544	3550	3557	rVB	401104	882379	10.82%	0.697%
94	24.152	3579	3585	3587	rBV4	132442	295321	3.62%	0.233%
95	24.399	3619	3627	3634	rBV	963113	2677057	32.83%	2.114%
96	24.469	3635	3639	3645	rVV	627006	1469270	18.02%	1.160%
97	24.546	3645	3652	3663	rVB	1711438	4502990	55.22%	3.556%
98	24.681	3667	3675	3681	rBV2	484092	1412677	17.32%	1.115%
99	25.815	3863	3868	3878	rVB3	231329	606274	7.44%	0.479%
100	28.218	4267	4277	4295	rVB3	609851	2968391	36.40%	2.344%

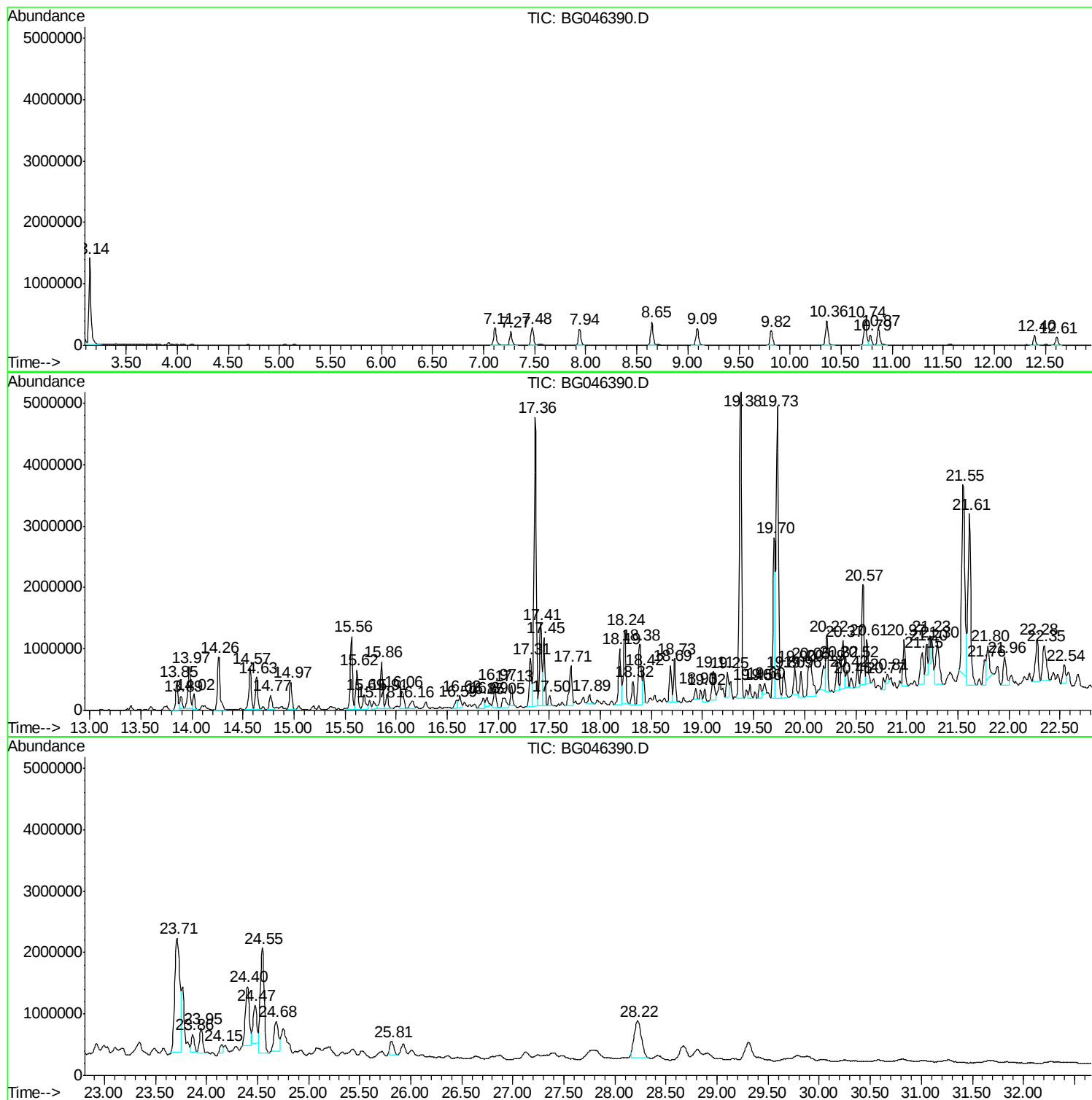
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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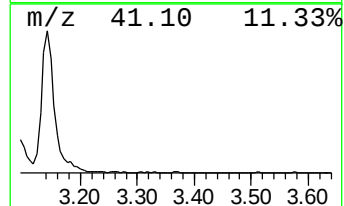
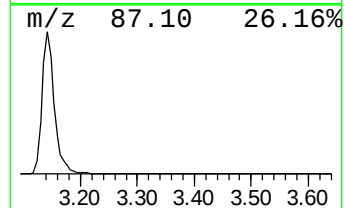
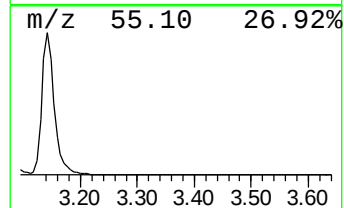
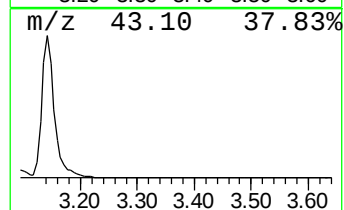
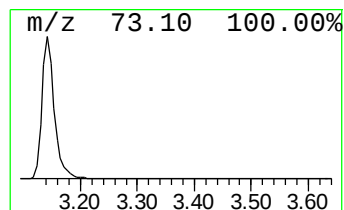
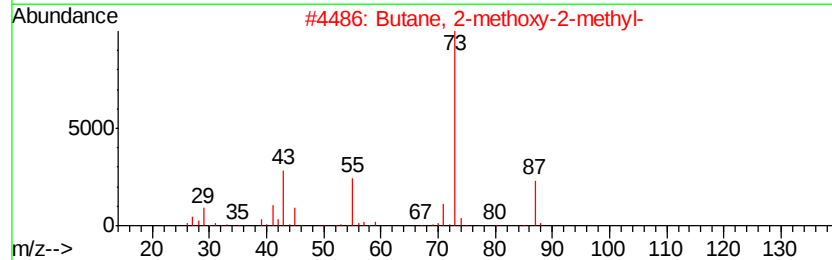
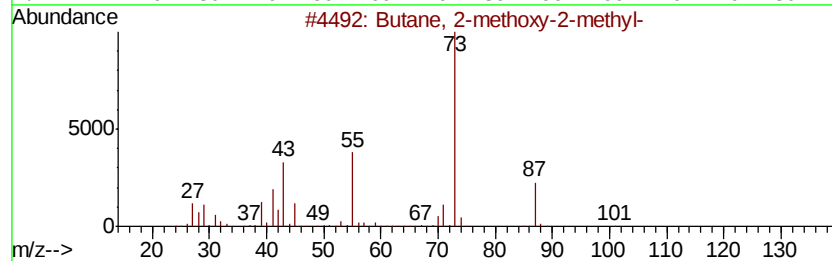
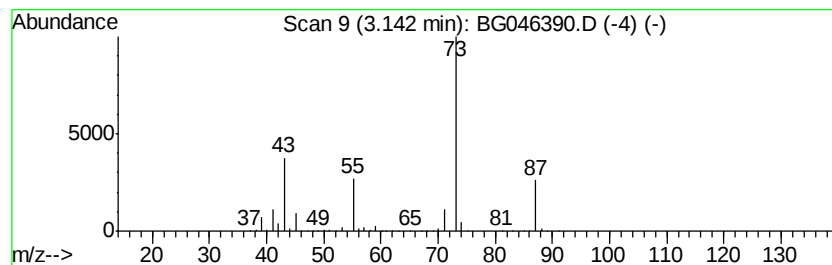
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	96.64 ng/ul	2152330	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25



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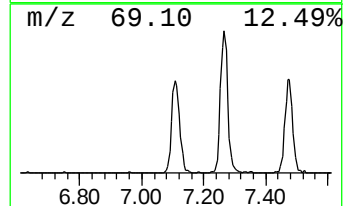
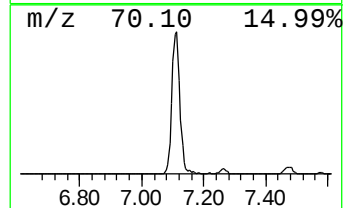
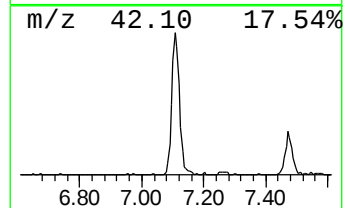
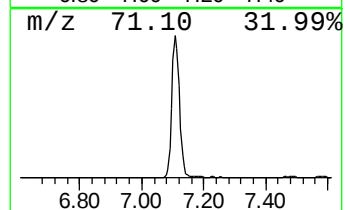
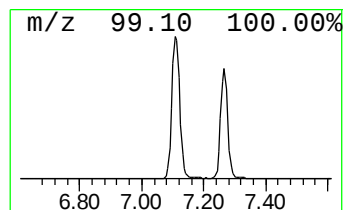
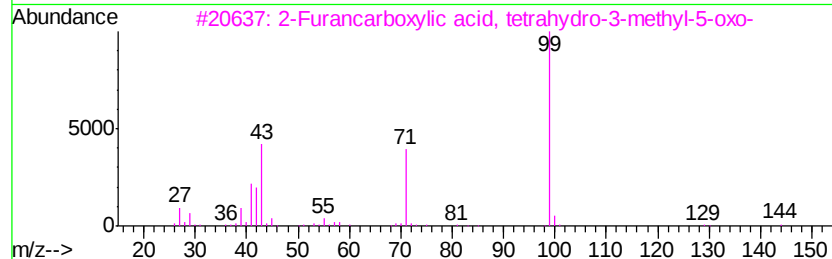
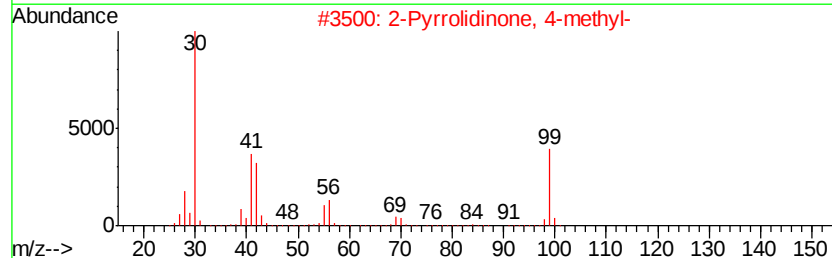
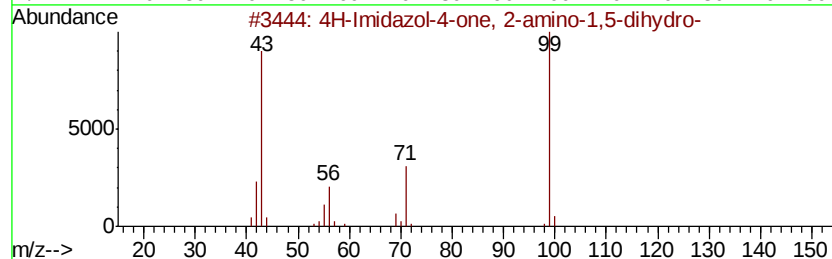
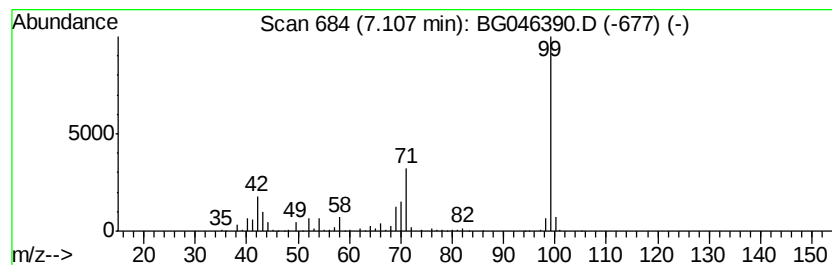
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Imidazol-4-one, 2-amino-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	24.09 ng/ul	536443	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2		2-Pyrrolidinone, 4-methyl-	99	C5H9NO	1000197-00-3	53
3		2-Furancarboxylic acid, tetrahyd...	144	C6H8O4	022073-04-7	45
4		Hexanoic acid, anhydride	214	C12H22O3	002051-49-2	45
5		Phenol-d6-	100	C6D6O	013127-88-3	40



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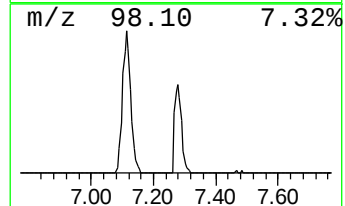
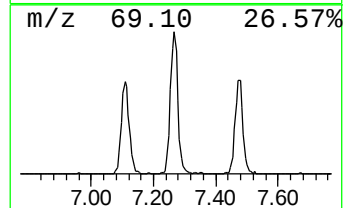
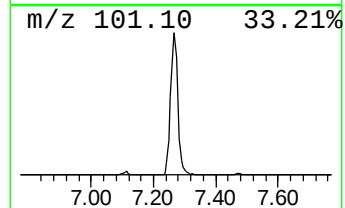
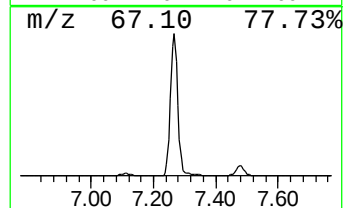
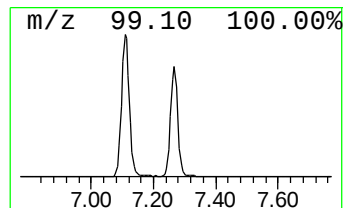
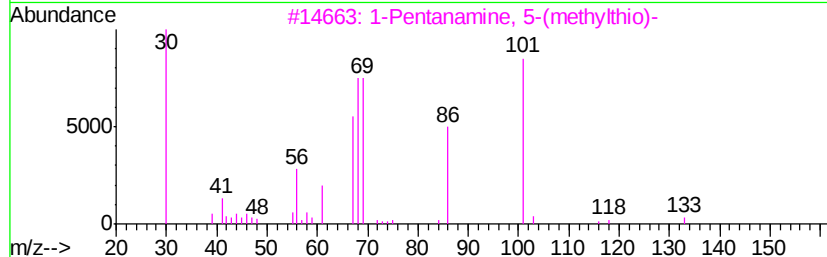
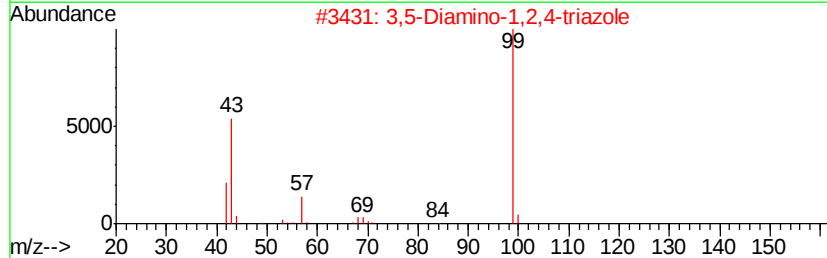
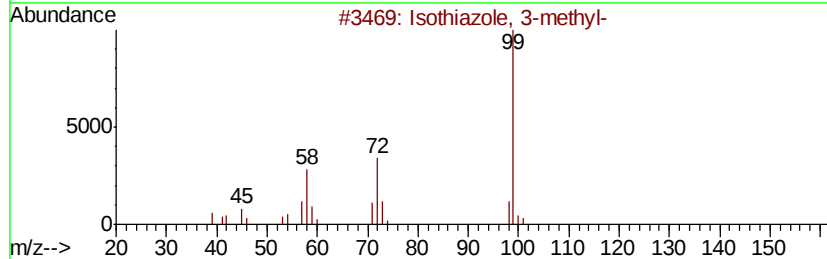
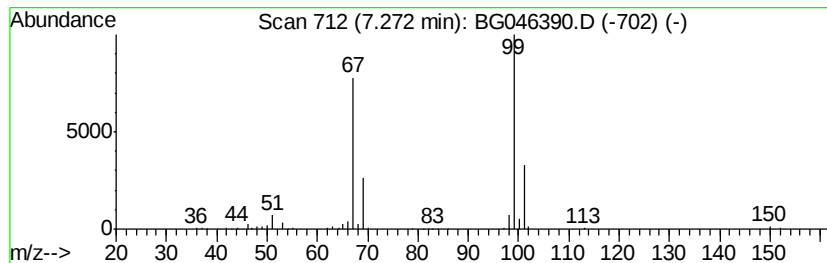
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	16.54 ng/ul	368470	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	9
2		3,5-Diamino-1,2,4-triazole	99	C2H5N5	001455-77-2	9
3		1-Pentanamine, 5-(methylthio)-	133	C6H15NS	055021-78-8	9
4		1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	9
5		Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	9



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Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
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ClientSampleId :
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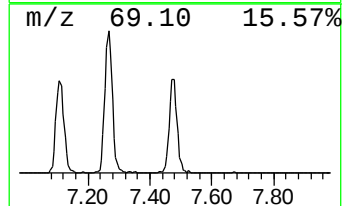
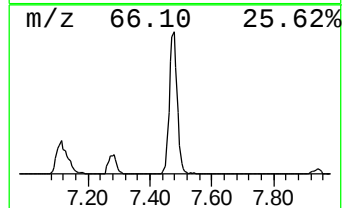
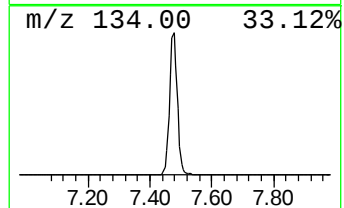
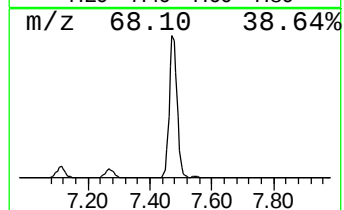
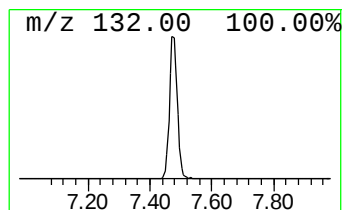
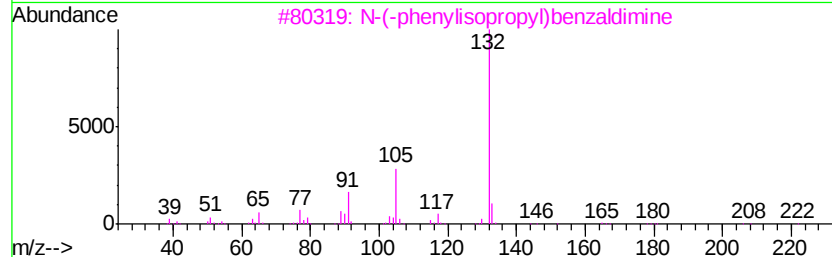
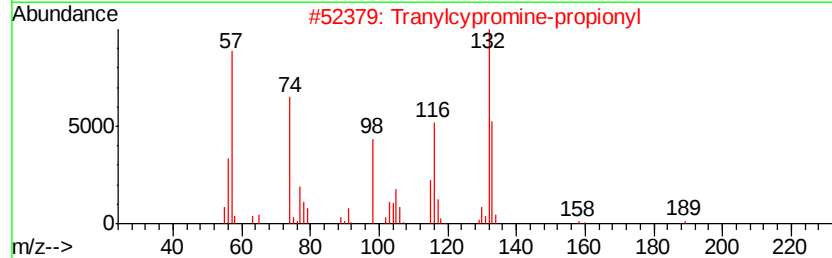
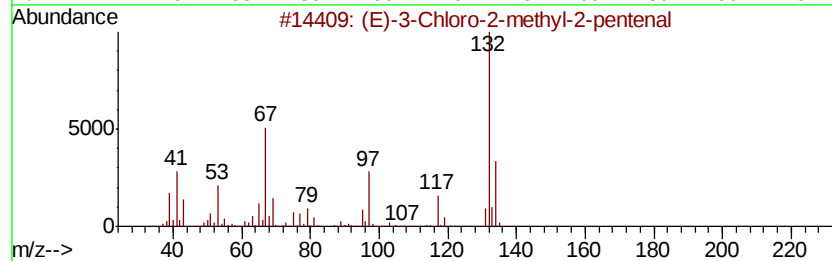
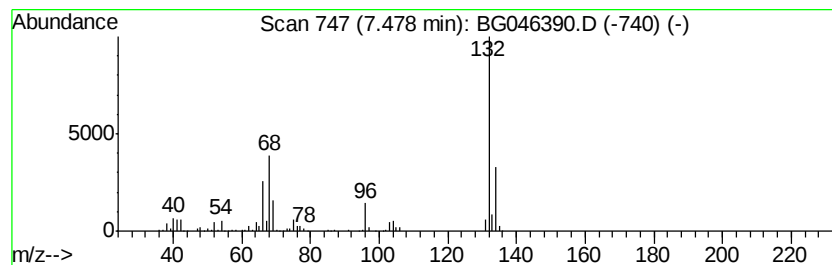
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	22.37 ng/ul	498243	1,4-Dichlorobenzene-d4	7.94

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12	
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12	
3	N-(phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	10	
4	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9	
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 22:38
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Sample : L3634-02
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ClientSampleId :
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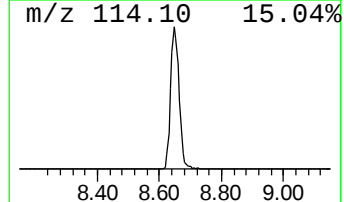
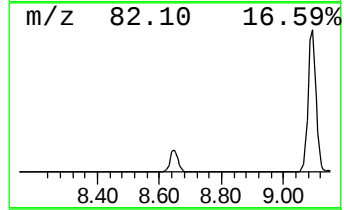
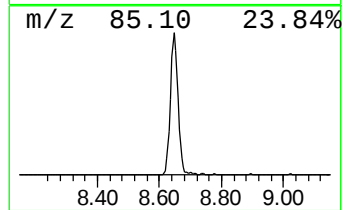
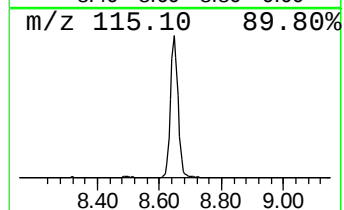
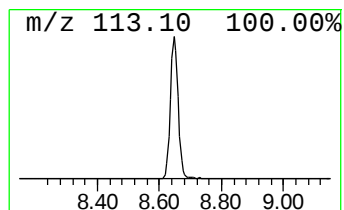
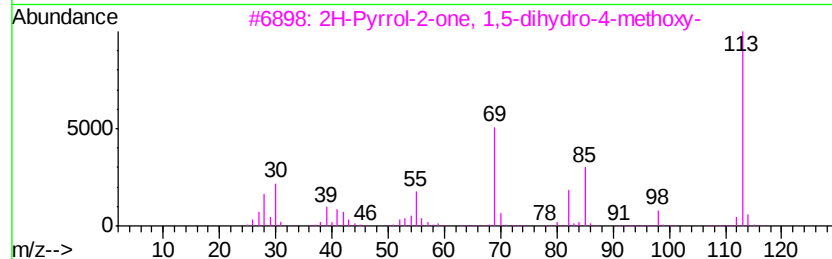
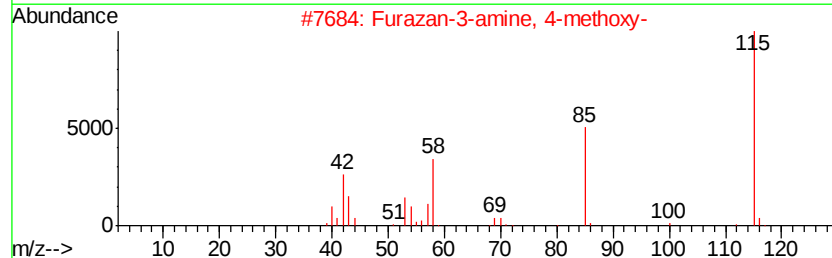
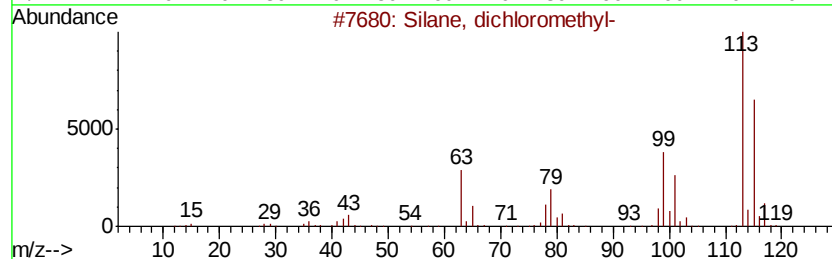
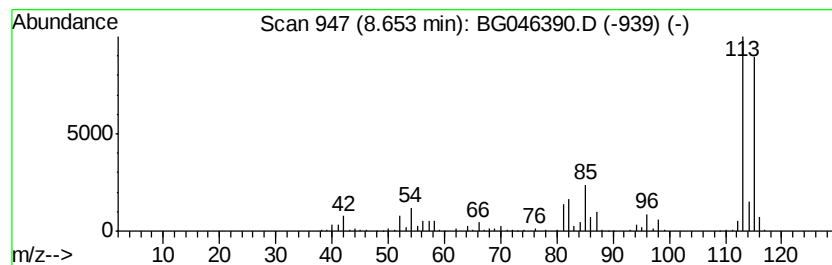
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	29.00 ng/ul	645928	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, dichloromethyl-	114	CH4Cl2Si	000075-54-7	38
2		Furazan-3-amine, 4-methoxy-	115	C3H5N3O2	078350-48-8	35
3		2H-Pyrrol-2-one, 1,5-dihydro-4-methoxy-	113	C5H7NO2	069778-83-2	32
4		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	27
5		Butanedioyl dihydrazide	146	C4H10N4O2	004146-43-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
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Sample : L3634-02
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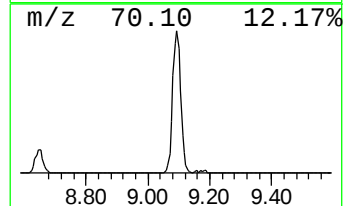
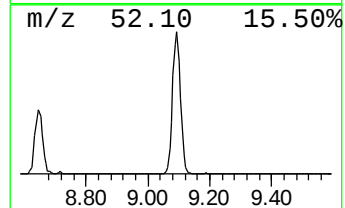
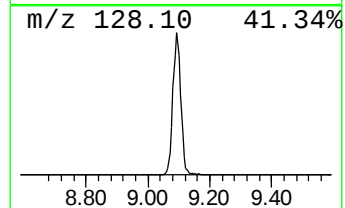
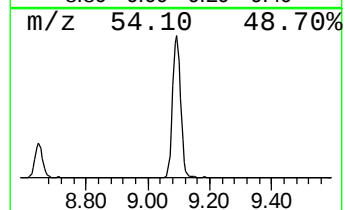
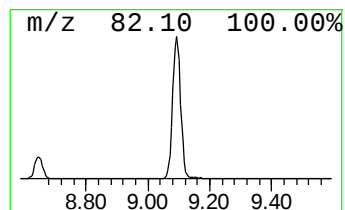
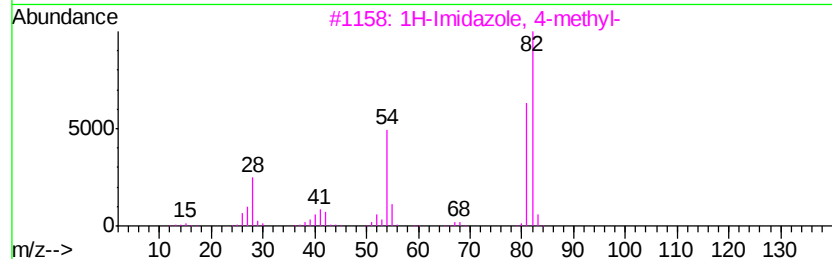
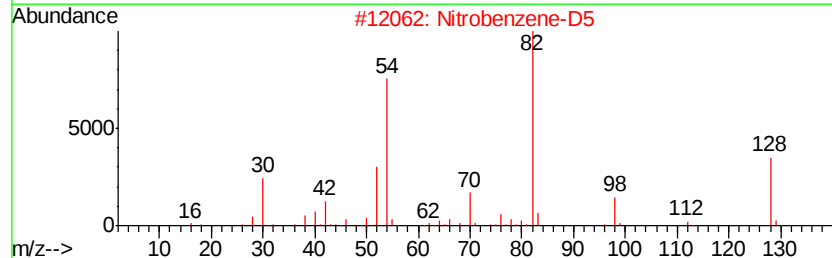
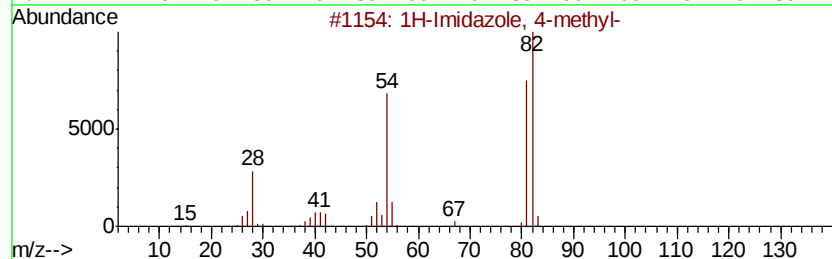
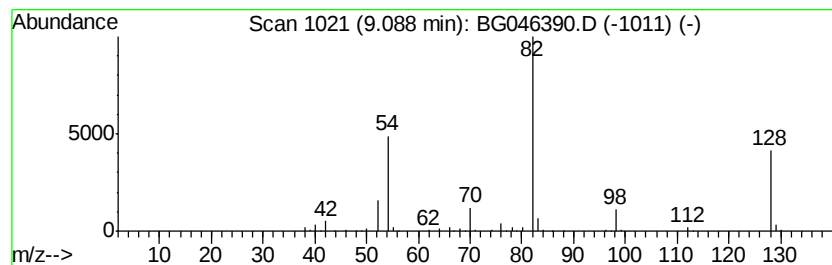
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1H-Imidazole, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	22.08 ng/ul	491650	1,4-Dichlorobenzene-d4	7.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	50
2		Nitrobenzene-D5	128	C6D5NO2	004165-60-0	38
3		1H-Imidazole, 4-methyl-	82	C4H6N2	000822-36-6	38
4		1H-Imidazole, 2-methyl-	82	C4H6N2	000693-98-1	33
5		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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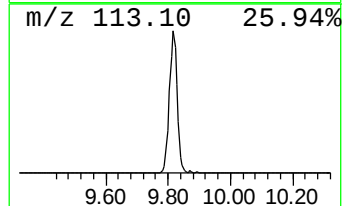
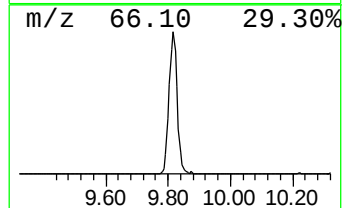
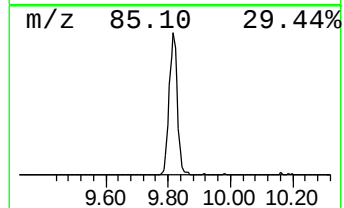
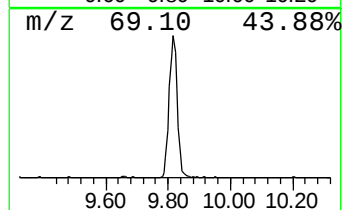
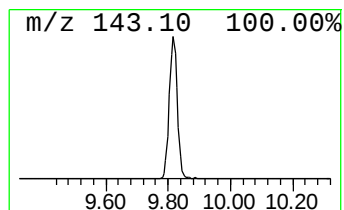
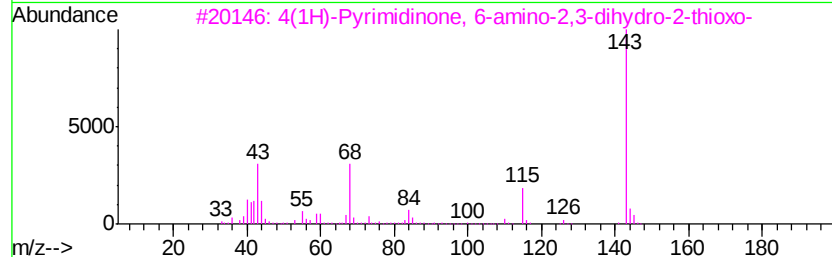
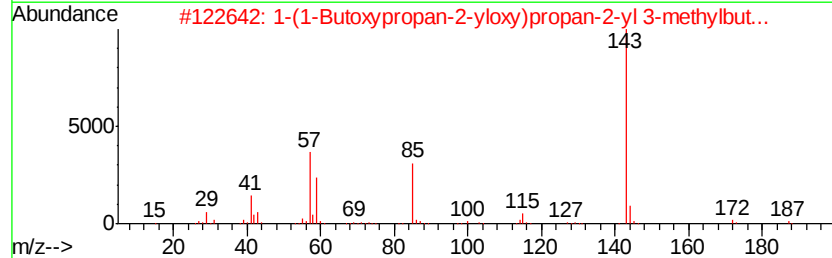
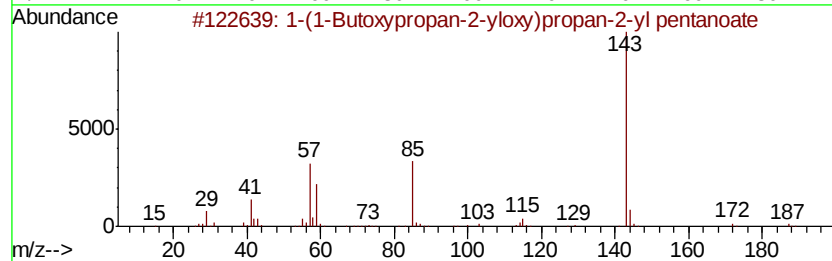
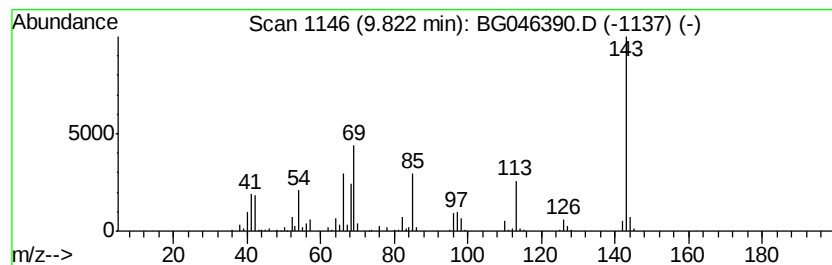
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-04 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.11 ng/ul	422609	Naphthalene-d8	10.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-13-0	22
2		1-(1-Butoxypropan-2-yloxy)propan...	274	C15H30O4	1000367-12-9	16
3		4(1H)-Pyrimidinone, 6-amino-2,3-...	143	C4H5N3OS	001004-40-6	12
4		6-Aza-2-thiothymine	143	C4H5N3OS	000615-76-9	12
5		Glutaric acid, ethyl 3-heptyl ester	258	C14H26O4	1000359-73-0	10



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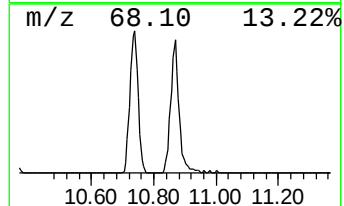
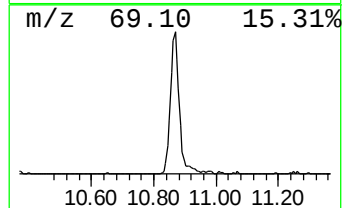
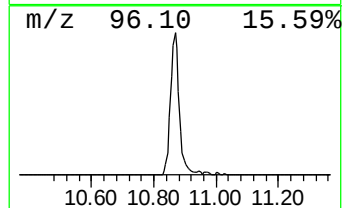
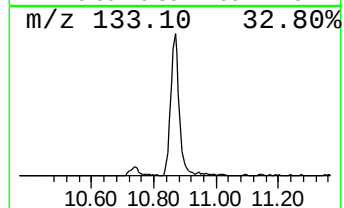
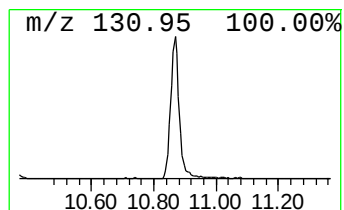
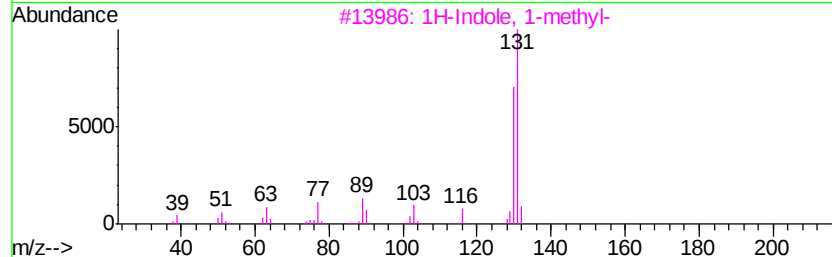
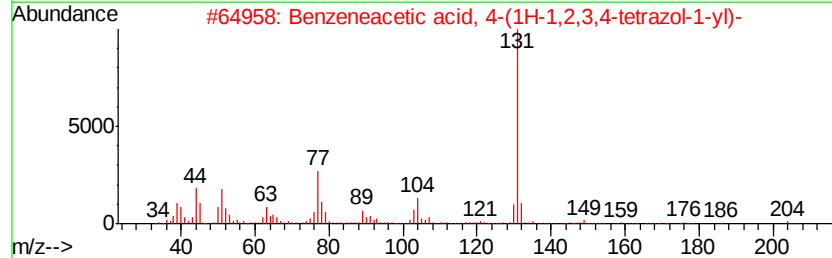
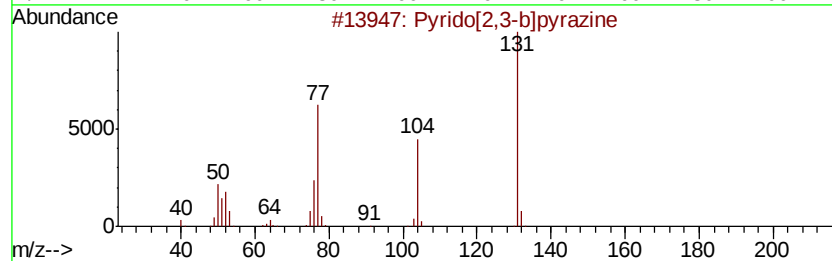
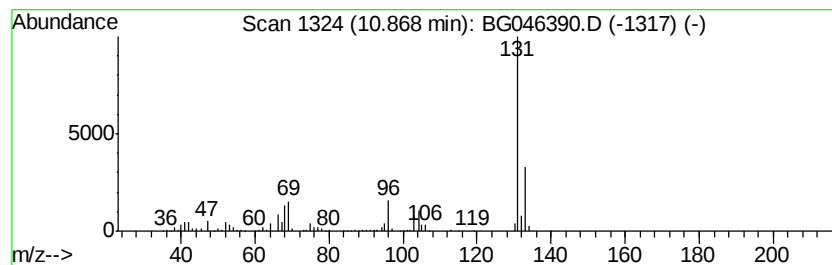
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-05 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	14.17 ng/ul	494562	Napthalene-d8	10.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrido[2,3-b]pyrazine	131	C7H5N3	000322-46-3	38
2		Benzeneacetic acid, 4-(1H-1,2,3,...	204	C9H8N4O2	1000351-56-5	33
3		1H-Indole, 1-methyl-	131	C9H9N	000603-76-9	28
4		4-Pyrimidinamine, 2,6-difluoro-	131	C4H3F2N3	000675-12-7	9
5		Benzene, (1,2-dicyclopropyl-2-ph...	262	C20H22	110330-90-0	9



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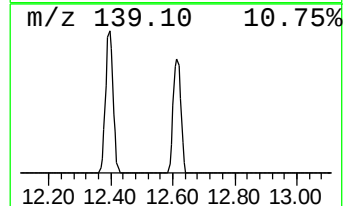
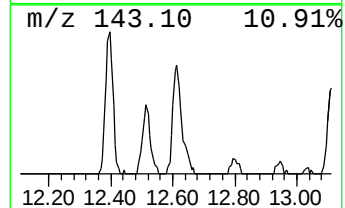
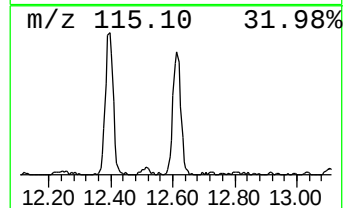
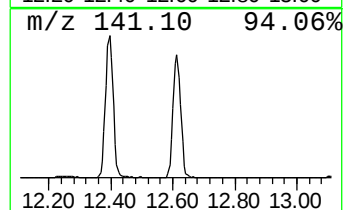
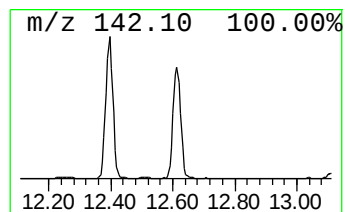
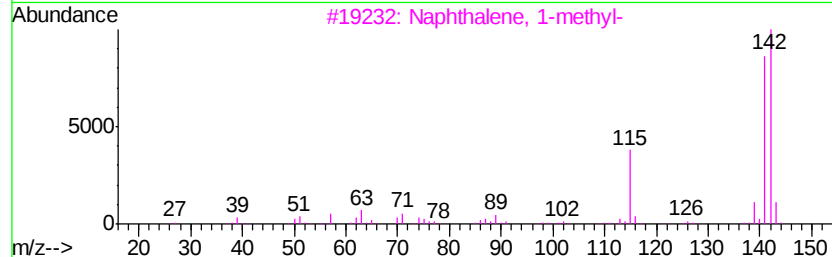
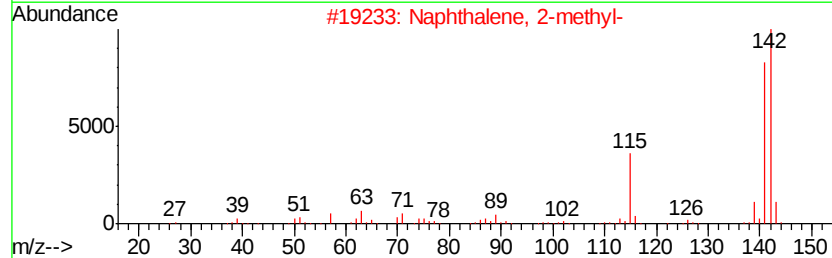
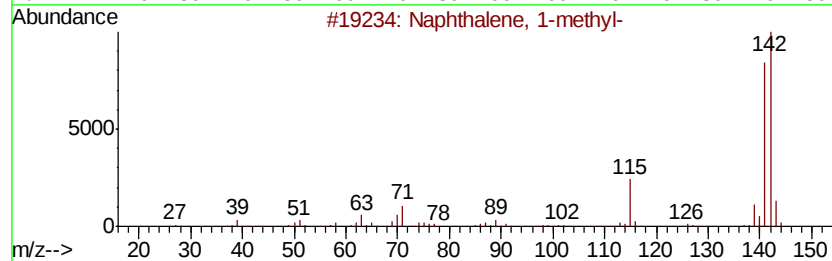
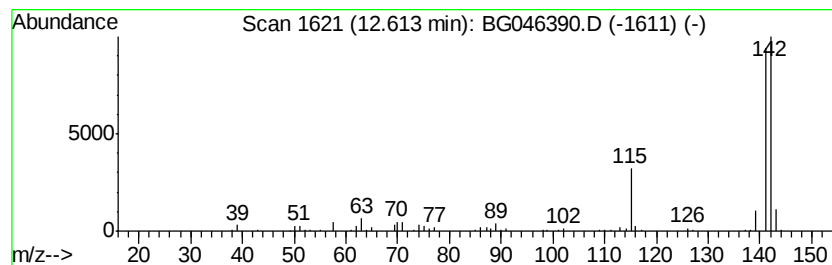
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	6.32 ng/ul	220674	Naphthalene-d8	10.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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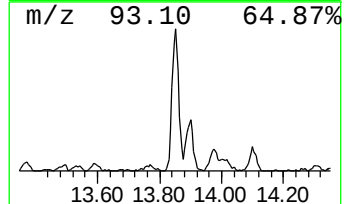
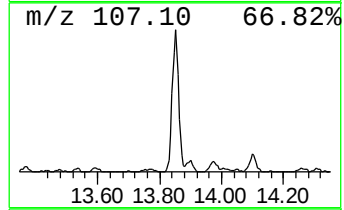
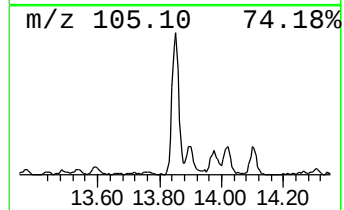
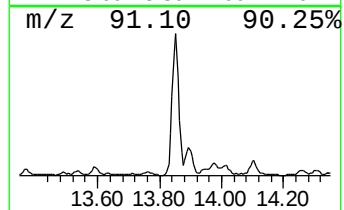
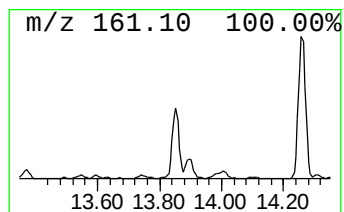
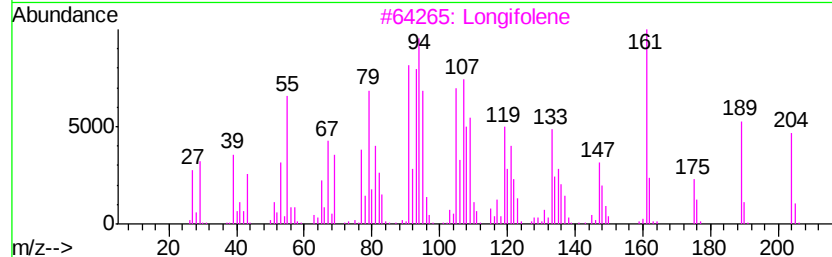
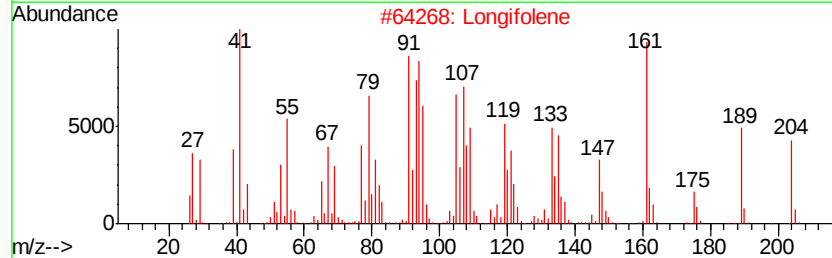
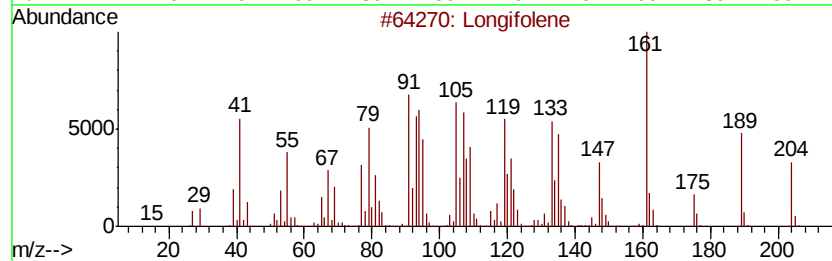
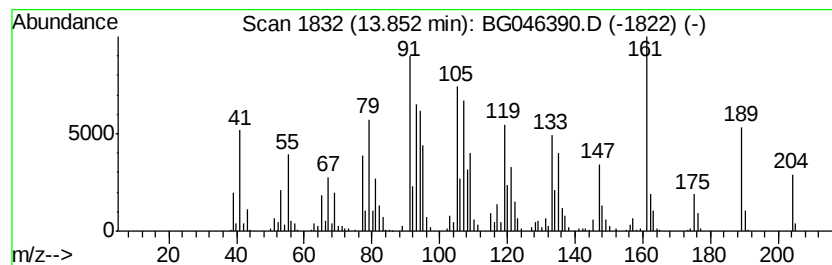
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Longifolene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	13.37 ng/ul	738032	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Longifolene	204	C15H24	000475-20-7	99
2		Longifolene	204	C15H24	000475-20-7	99
3		Longifolene	204	C15H24	000475-20-7	97
4		Longifolene	204	C15H24	000475-20-7	97
5		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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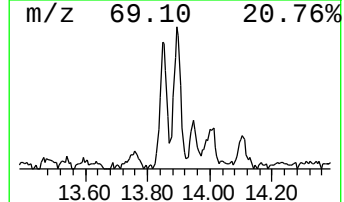
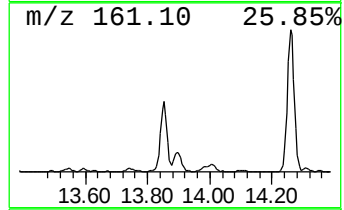
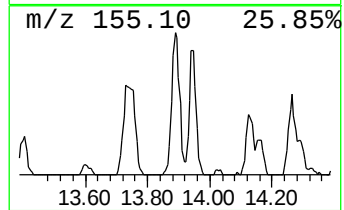
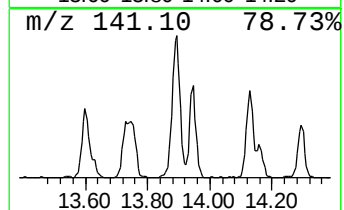
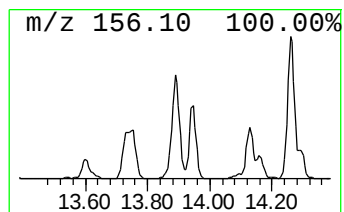
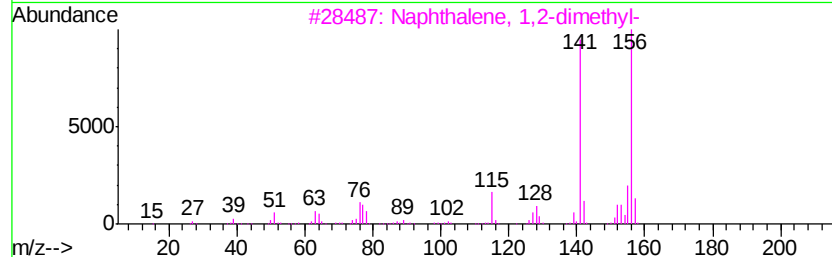
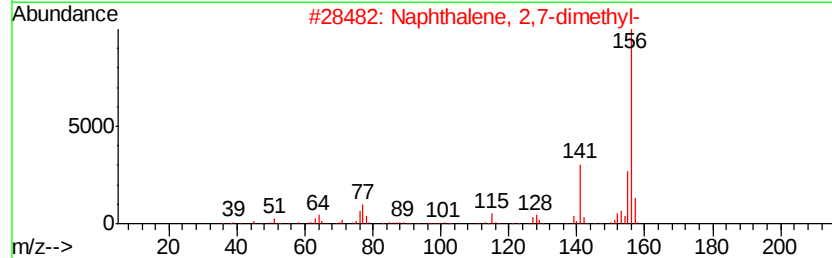
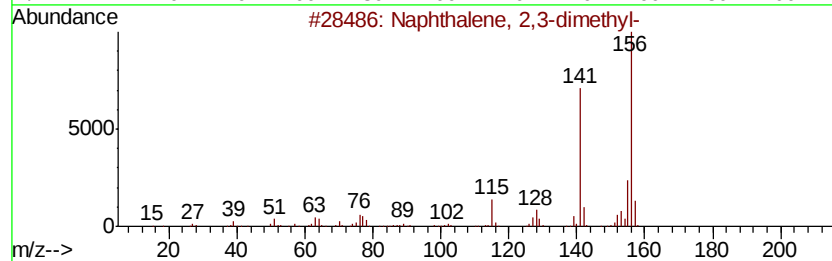
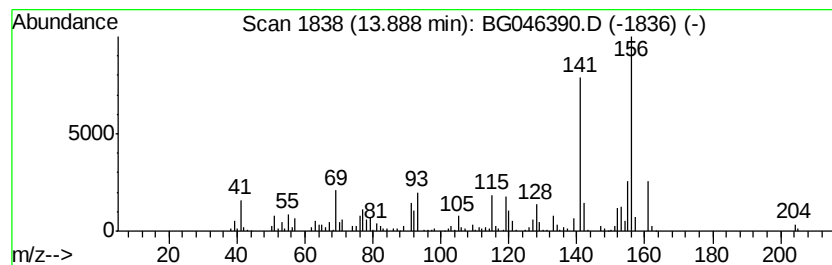
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	5.48 ng/ul	302334	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	89
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	89
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
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Misc :
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ClientSampleId :
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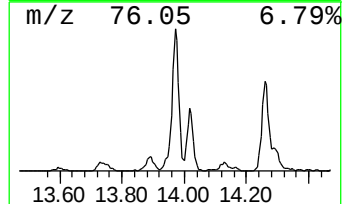
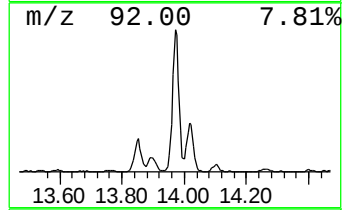
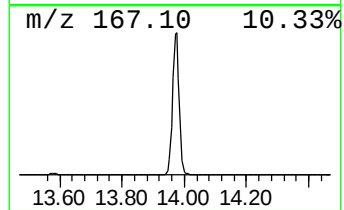
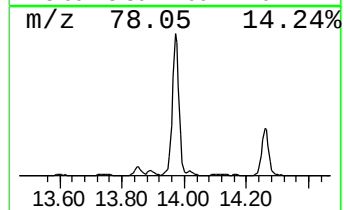
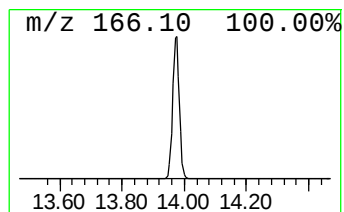
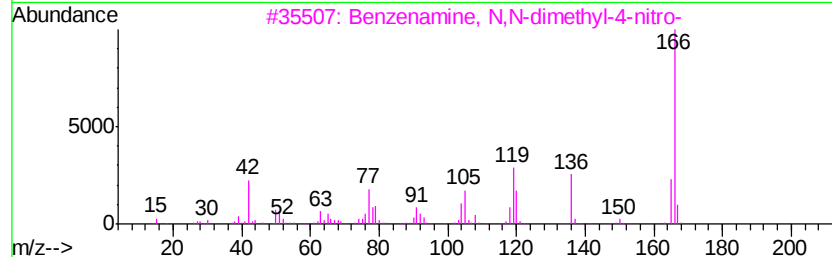
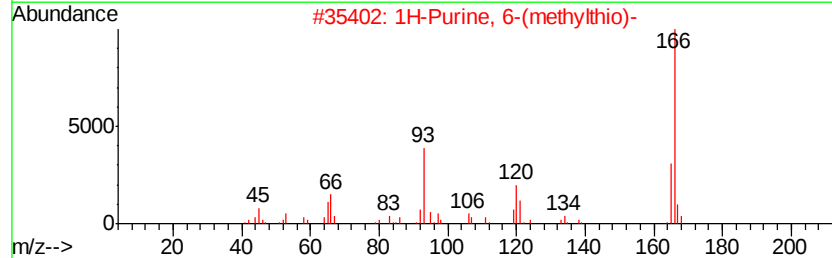
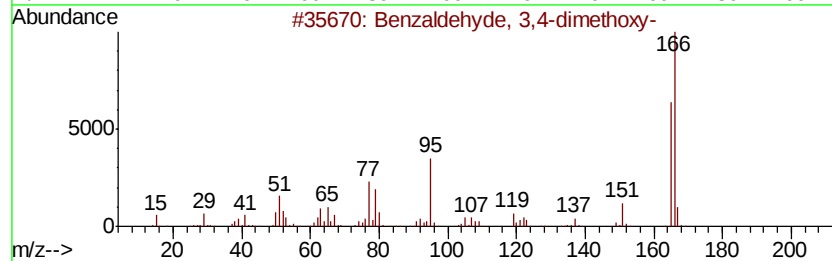
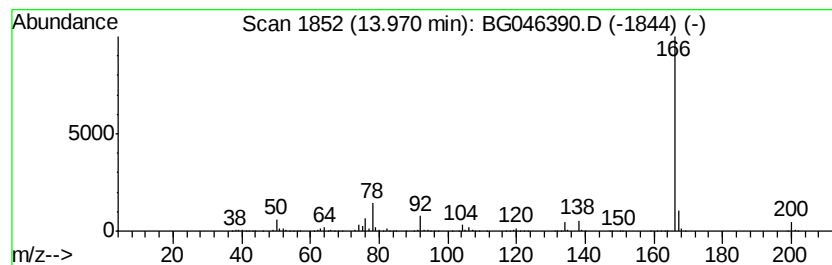
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown-06 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	20.90 ng/ul	1154330	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,4-dimethoxy-	166	C9H10O3	000120-14-9	45
2		1H-Purine, 6-(methylthio)-	166	C6H6N4S	000050-66-8	38
3		Benzenamine, N,N-dimethyl-4-nitro-	166	C8H10N2O2	000100-23-2	38
4		Phenol, 5-(dimethylamino)-2-nitr...	166	C8H10N2O2	016761-04-9	38
5		3,5-Diamino-2-methylbenzoic acid	166	C8H10N2O2	090007-30-0	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

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ClientSampleId :
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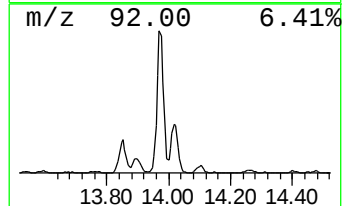
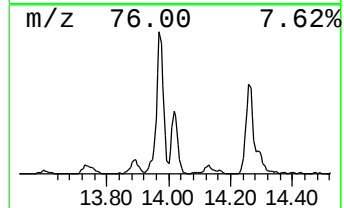
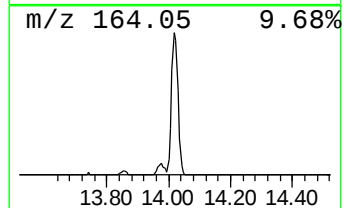
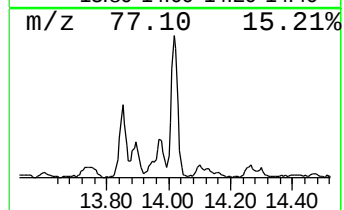
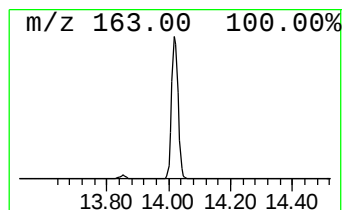
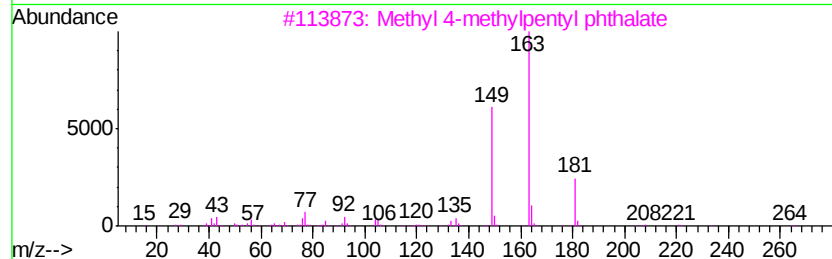
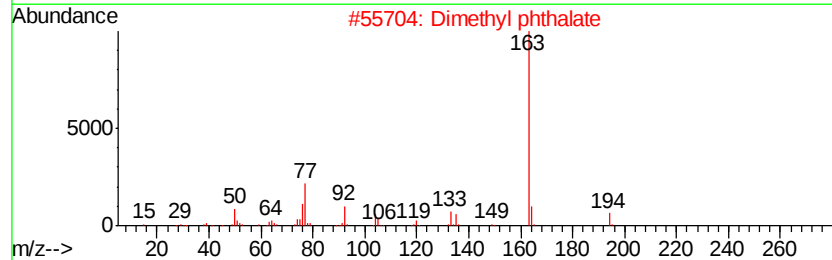
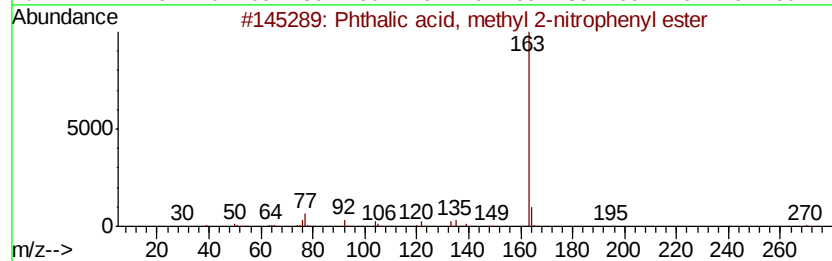
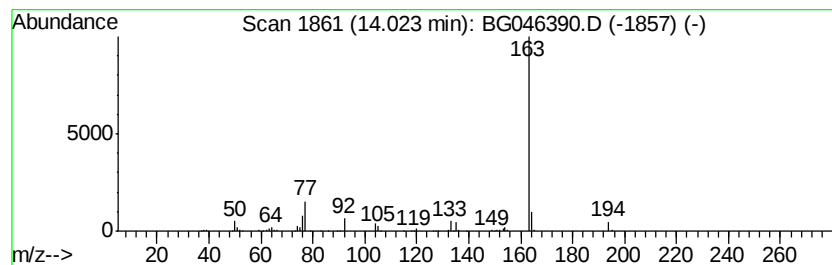
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Phthalic acid, methyl 2-nit... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	6.69 ng/ul	369500	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, methyl 2-nitrophenyl ester	301	C15H11NO6	1000315-68-3	83
2		Dimethyl phthalate	194	C10H10O4	000131-11-3	83
3		Methyl 4-methylpentyl phthalate	264	C15H20O4	1000373-82-6	78
4		Methyl propyl phthalate	222	C12H14O4	1000373-89-2	78
5		Phthalic acid, 4-bromophenyl methyl ester	334	C15H11BrO4	1000315-66-6	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

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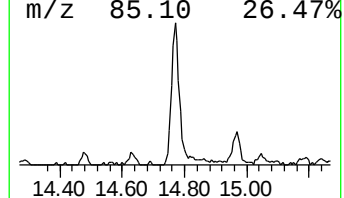
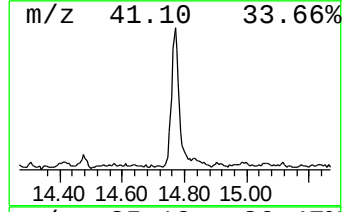
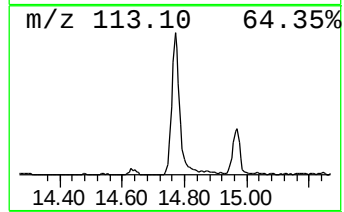
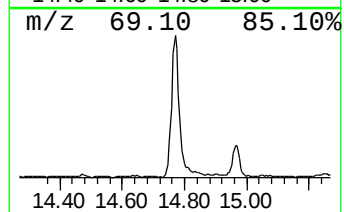
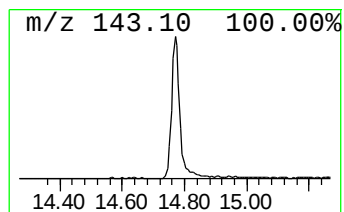
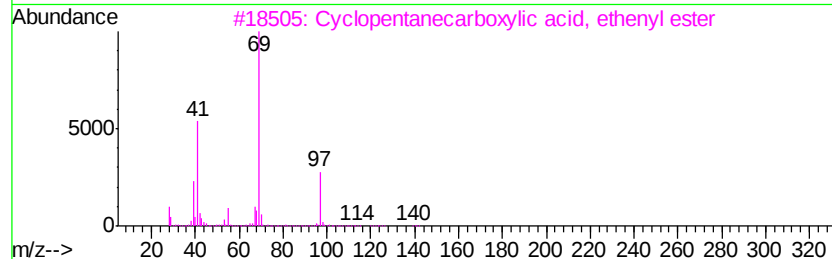
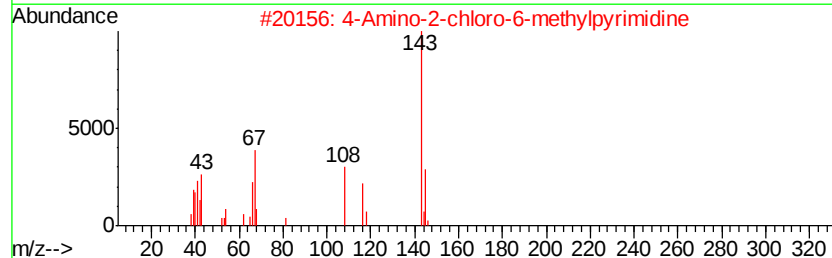
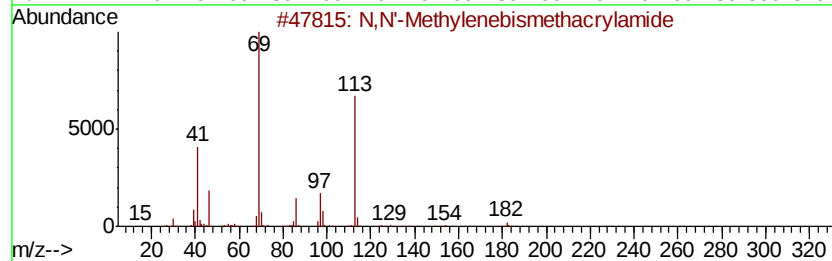
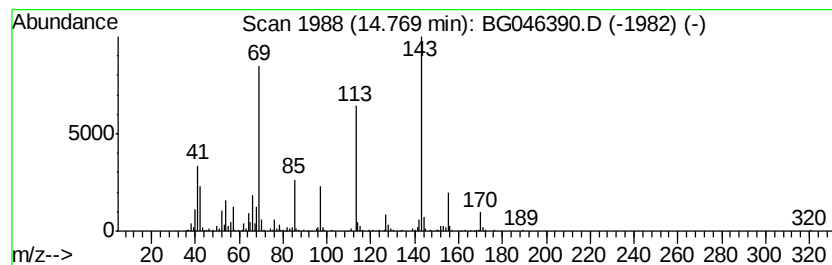
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-07 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	7.94 ng/ul	438188	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N'-Methylenebismethacrylamide	182	C9H14N2O2	002359-15-1	35
2		4-Amino-2-chloro-6-methylpyrimidine	143	C5H6ClN3	014394-60-6	22
3		Cyclopentanecarboxylic acid, eth...	140	C8H12O2	016523-06-1	12
4		Glutaric acid, 3,3-dimethylbut-2...	244	C13H24O4	1000359-74-7	12
5		2H-Pyrrrol-2-one, 1,5-dihydro-4-m...	113	C5H7NO2	069778-83-2	11



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
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Instrument :
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ClientSampleId :
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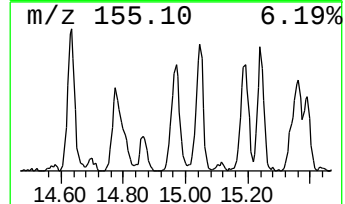
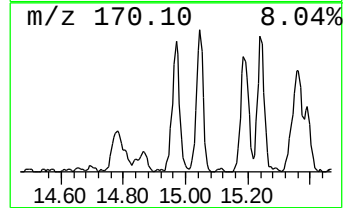
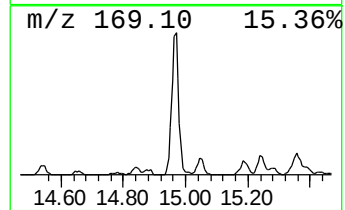
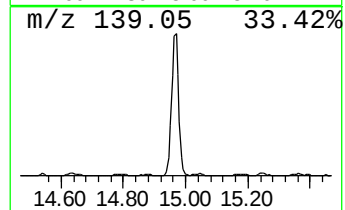
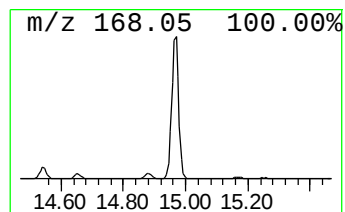
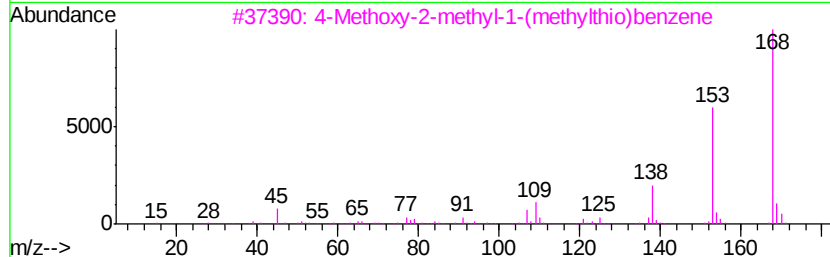
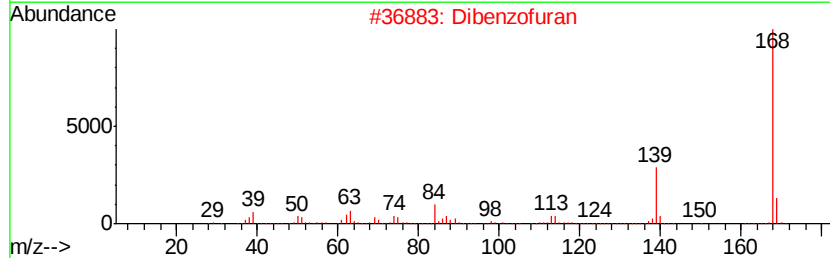
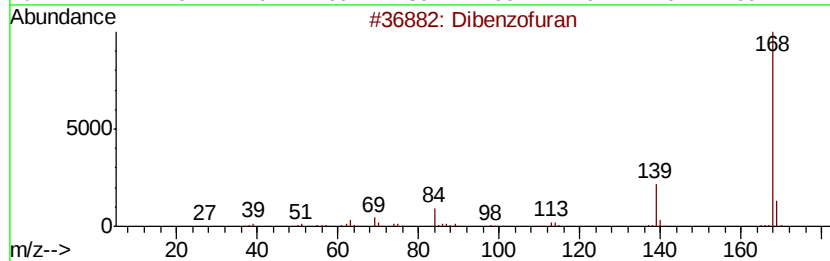
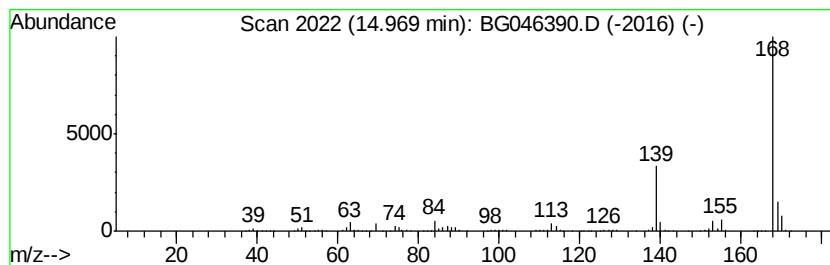
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Dibenzofuran Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.97	13.12 ng/ul	724494	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran	168	C12H8O	000132-64-9	83
2			Dibenzofuran	168	C12H8O	000132-64-9	72
3			4-Methoxy-2-methyl-1-(methylthio)benzene	168	C9H12OS	022583-04-6	53
4			Benzoic acid, 4-(methylthio)-	168	C8H8O2S	013205-48-6	53
5			Thiazolo[3,2-c]pyrimidin-4-ium, ...	168	C7H8N2OS	024614-07-1	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
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ClientSampleId :
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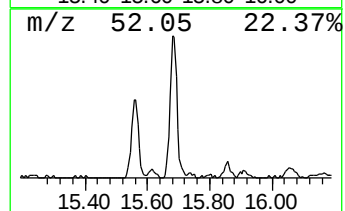
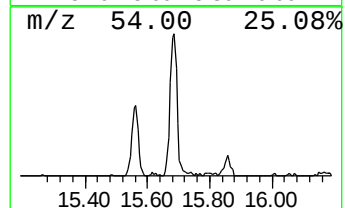
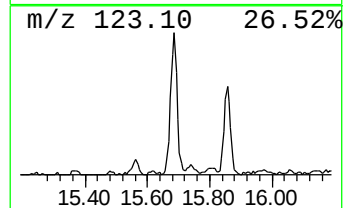
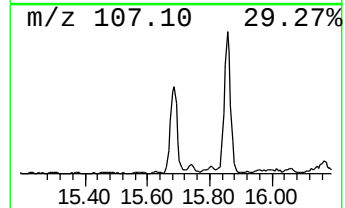
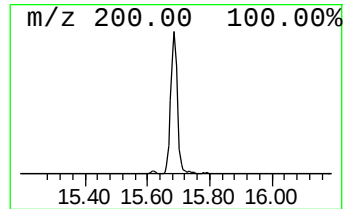
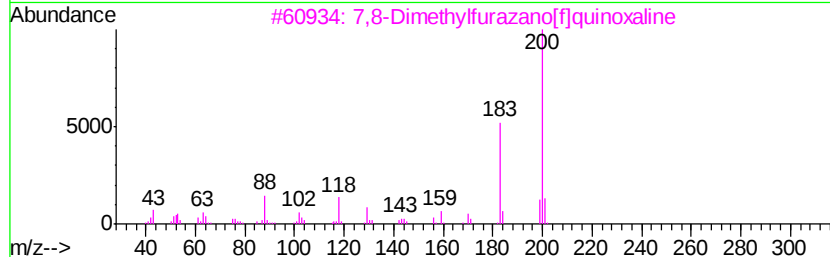
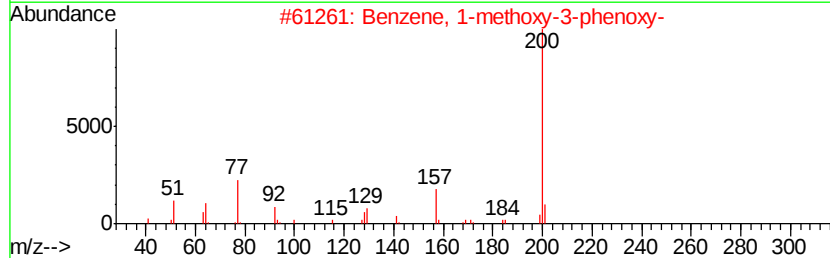
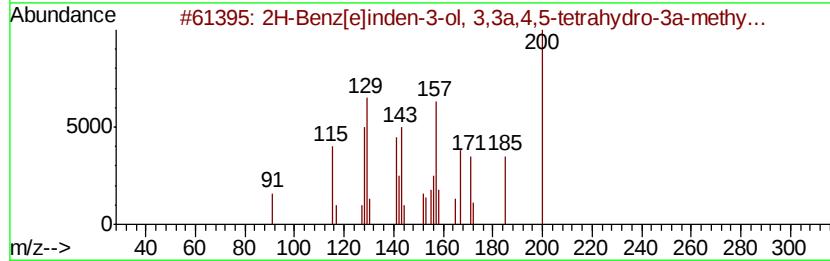
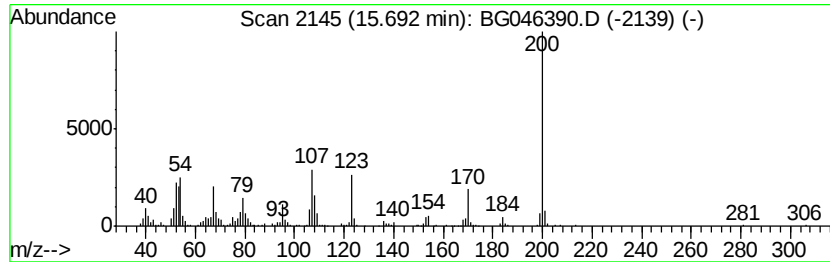
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-08 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.69	8.04 ng/ul	443780	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Benz[e]indene-3-ol, 3,3a,4,5-t...	200	C14H16O	071805-91-9	38
2			Benzene, 1-methoxy-3-phenoxy-	200	C13H12O2	001655-68-1	14
3			7,8-Dimethylfuranazo[fl]quinoxaline	200	C10H8N4O	1000110-74-6	14
4			1,3-Dichloro-2,4,6-trifluorobenzene	200	C6HCl2F3	002368-53-8	10
5			2-Aminocaprylic acid, N-propoxyc...	413	C24H47NO4	1000325-42-9	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
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Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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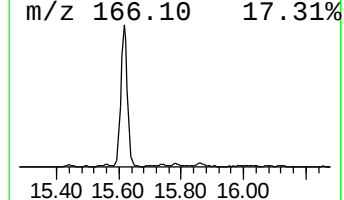
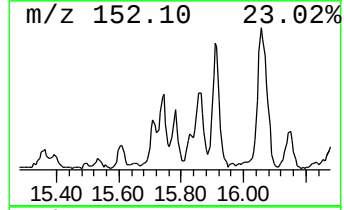
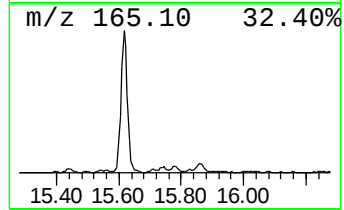
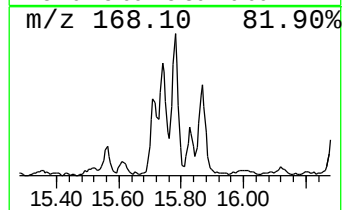
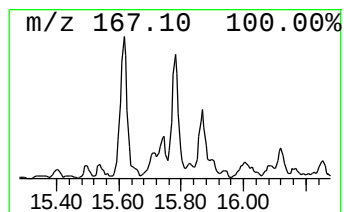
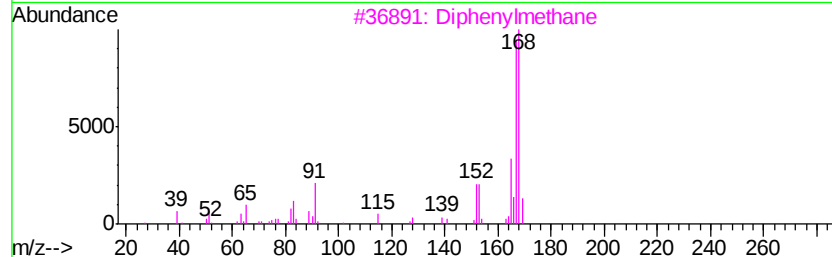
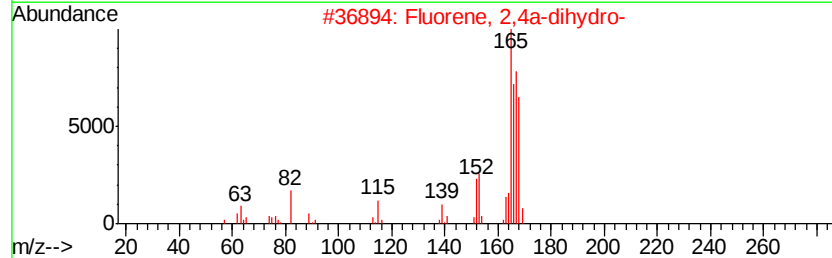
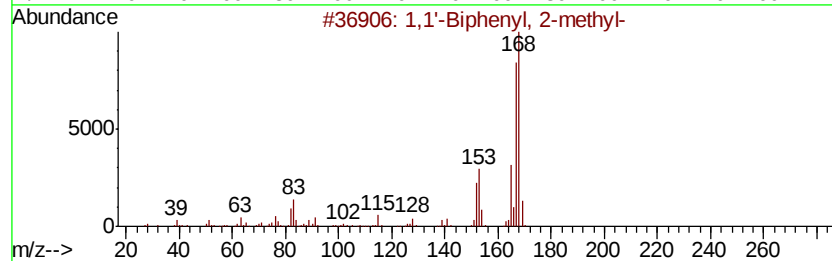
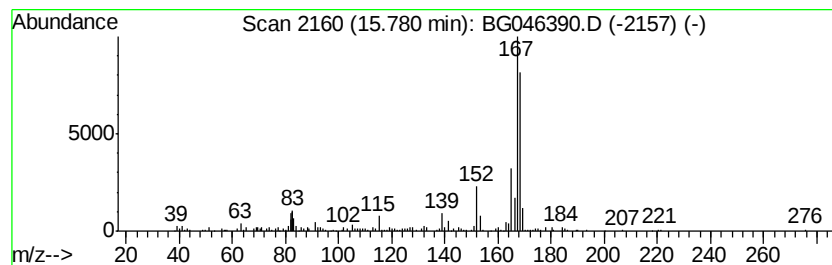
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,1'-Biphenyl, 2-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	4.51 ng/ul	248993	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	81
2			Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	80
3			Diphenylmethane	168	C13H12	000101-81-5	74
4			Diphenylmethane	168	C13H12	000101-81-5	74
5			Diphenylmethane	168	C13H12	000101-81-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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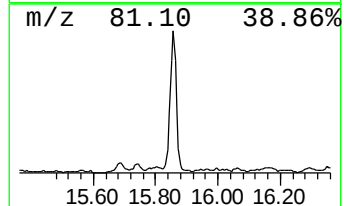
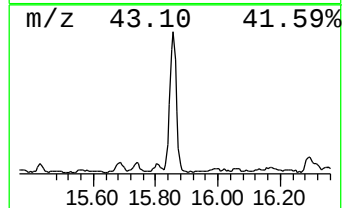
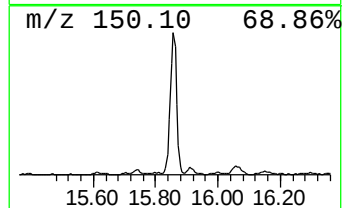
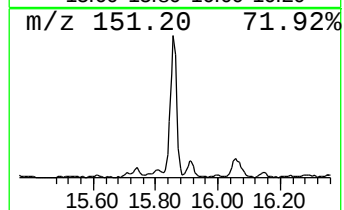
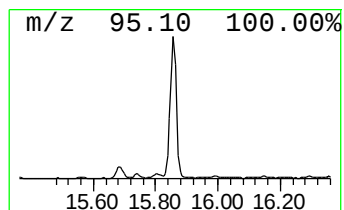
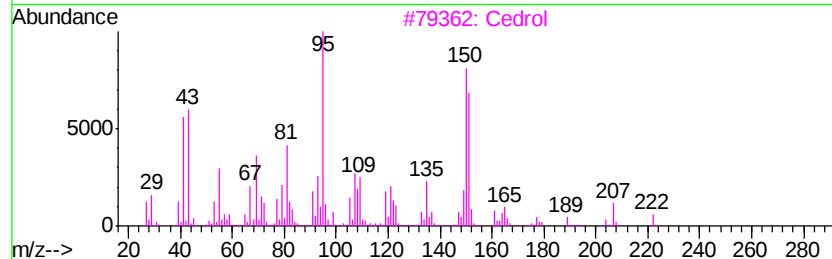
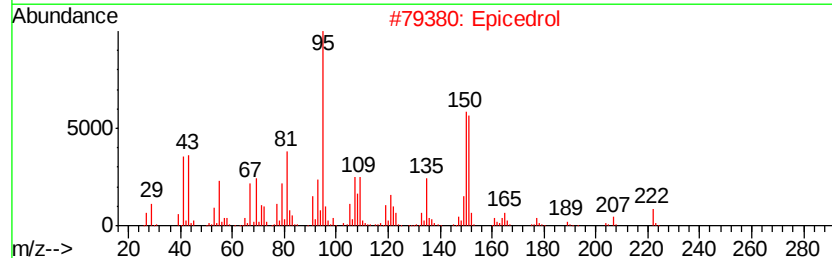
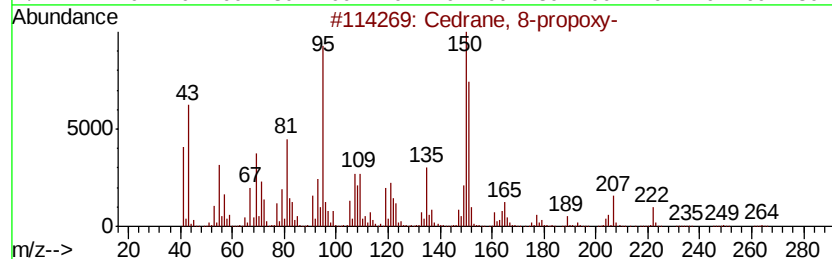
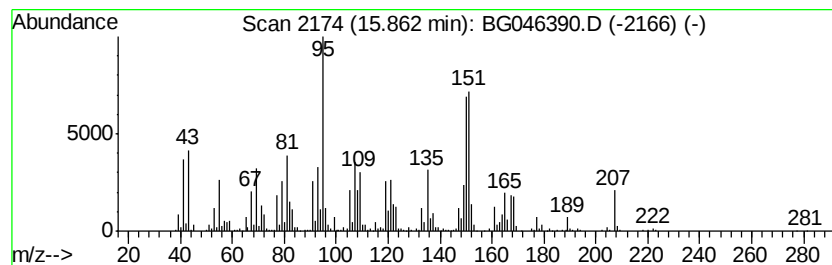
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Cedrane, 8-propoxy- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	22.02 ng/ul	1215950	Acenaphthene-d10	14.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cedrane, 8-propoxy-	264	C18H32O	019870-75-8	91
2		Epicedrol	222	C15H26O	1000156-22-8	87
3		Cedrol	222	C15H26O	000077-53-2	87
4		Cedrol	222	C15H26O	000077-53-2	83
5		Cedrol	222	C15H26O	000077-53-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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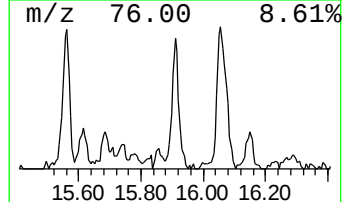
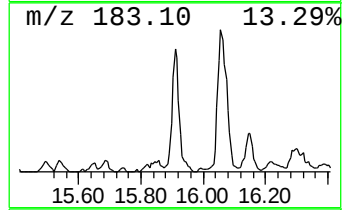
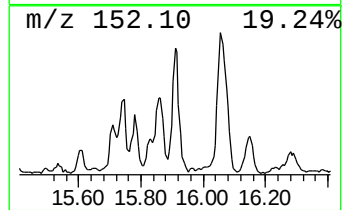
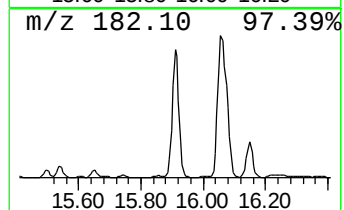
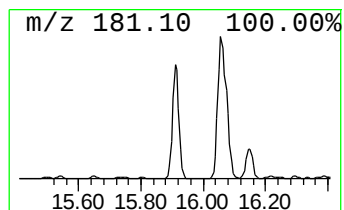
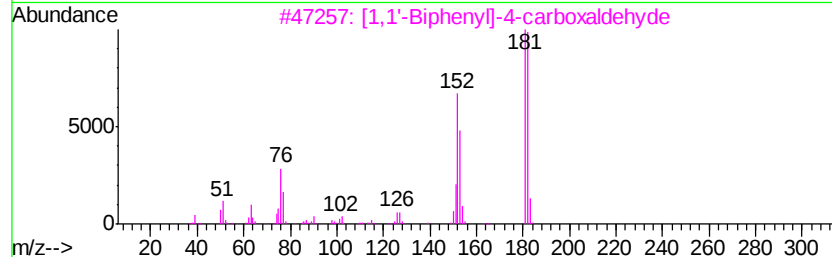
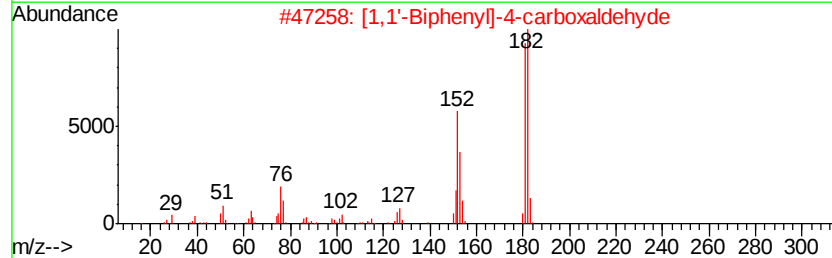
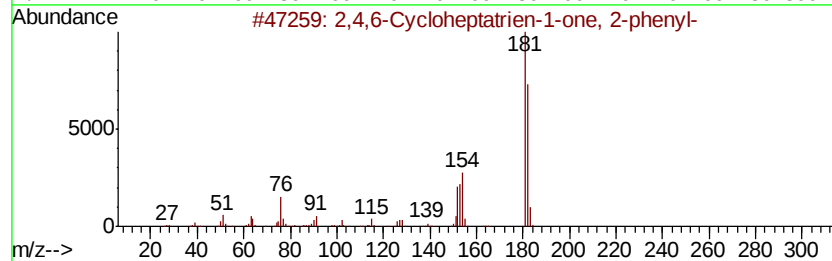
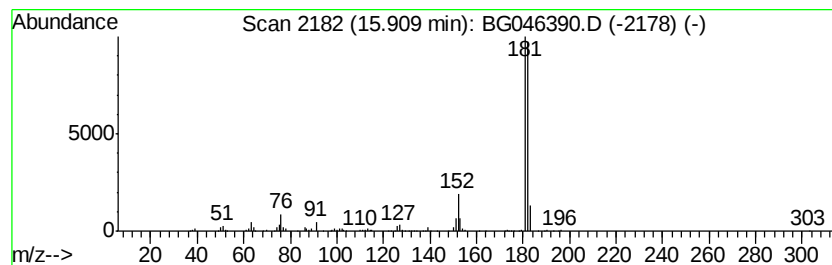
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2,4,6-Cycloheptatrien-1-one... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.85 ng/ul	378383	Acenaphthene-d10	14.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87		
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83		
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83		
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78		
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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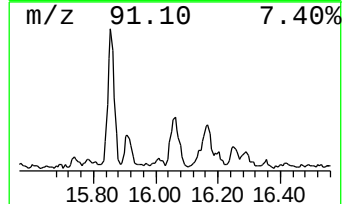
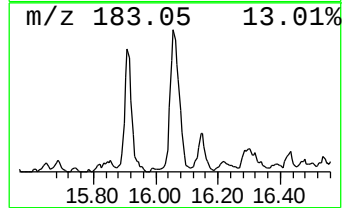
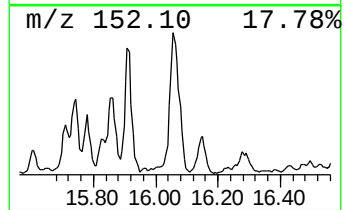
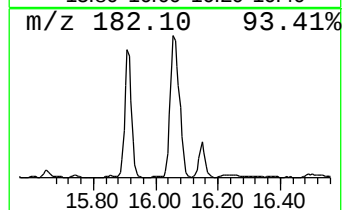
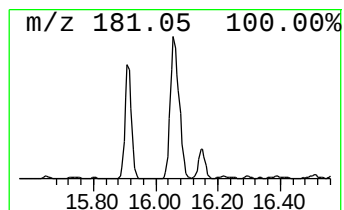
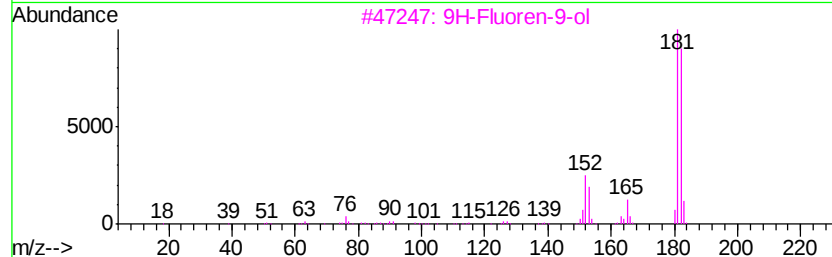
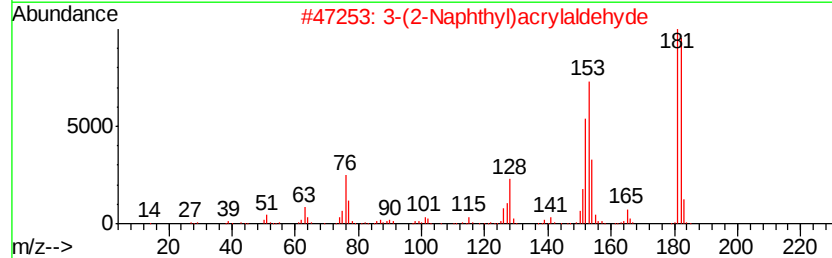
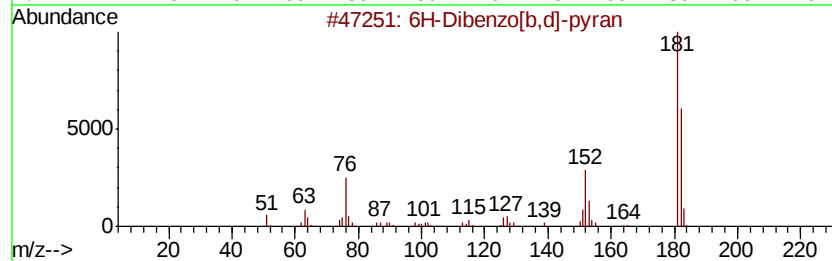
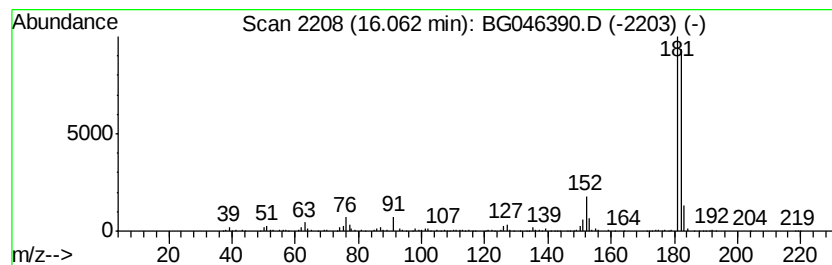
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 6H-Dibenzo[b,d]-pyran Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	9.32 ng/ul	580456	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
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Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
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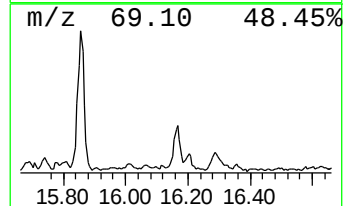
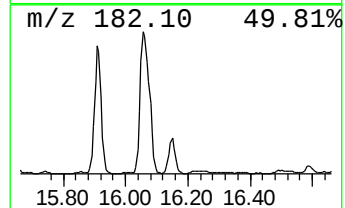
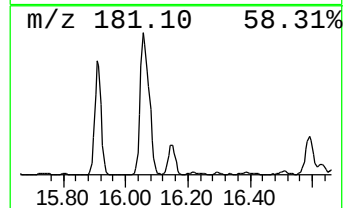
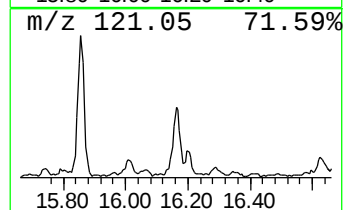
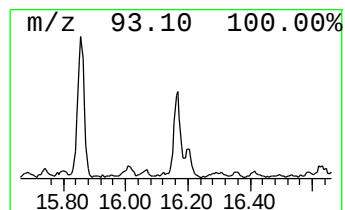
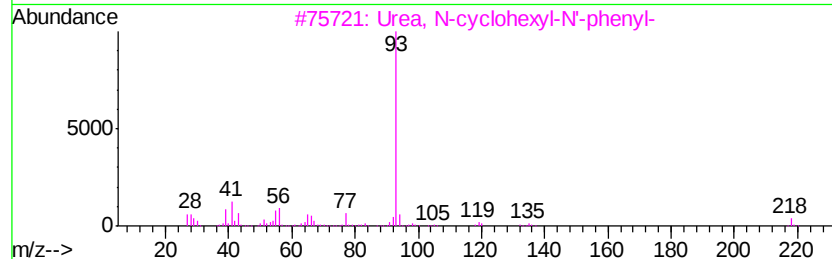
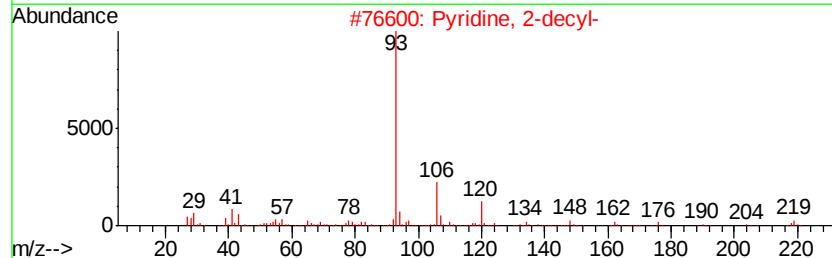
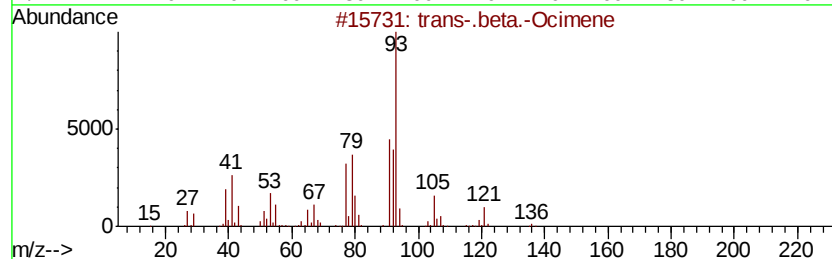
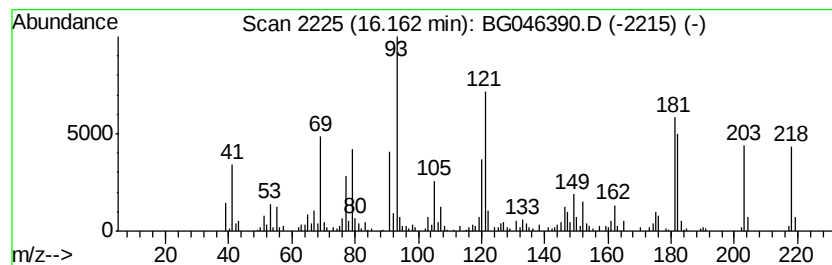
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 unknown-09 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	5.37 ng/ul	334330	Phenanthrene-d10	17.31
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	trans-.beta.-Ocimene	136 C10H16	003779-61-1	30
2	Pyridine, 2-decyl-	219 C15H25N	074421-02-6	30
3	Urea, N-cyclohexyl-N'-phenyl-	218 C13H18N2O	000886-59-9	22
4	Bicyclo[3.3.0]octane, 3,7-bis(et...	162 C12H18	1000163-34-4	18
5	Bicyclo[3.3.1]non-6-en-3-ol, 7-m...	152 C10H16O	041189-07-5	14



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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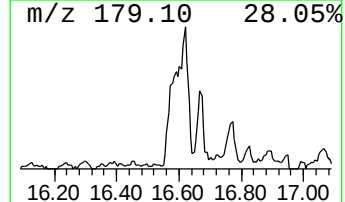
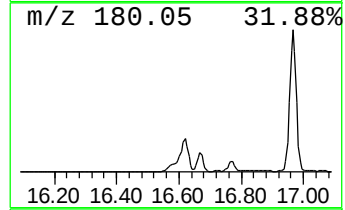
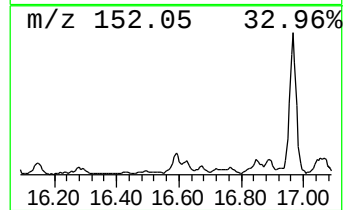
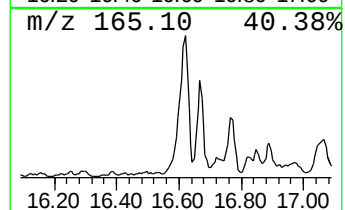
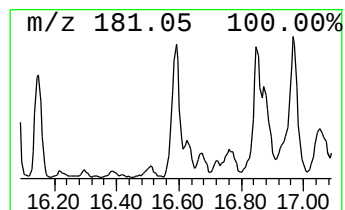
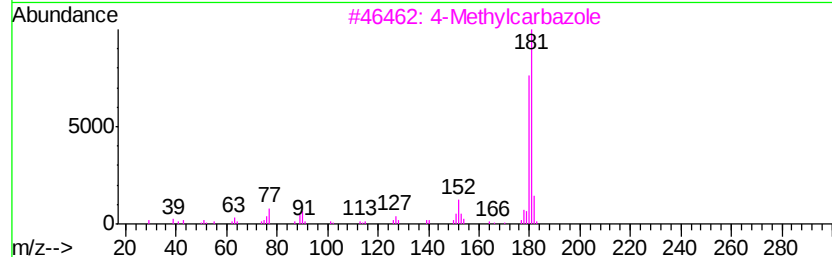
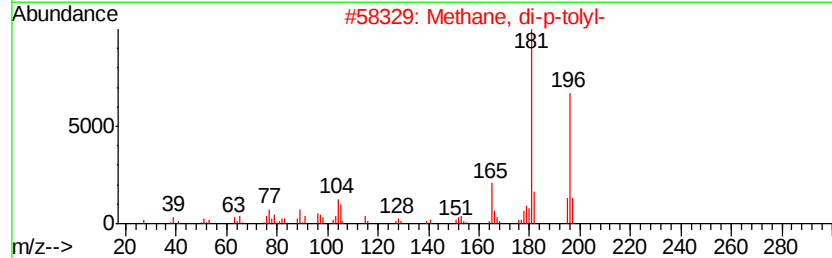
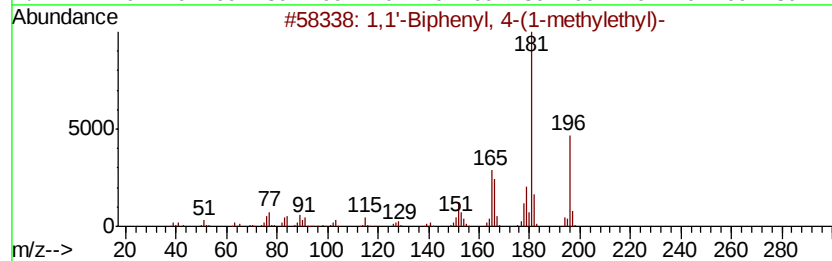
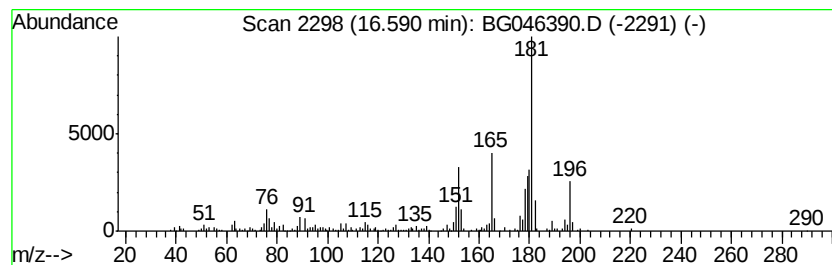
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.59	3.94 ng/ul	245163	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	87
2		Methane, di-p-tolyl-	196	C15H16	004957-14-6	59
3		4-Methylcarbazole	181	C13H11N	003770-48-7	43
4		1-Methylcarbazole	181	C13H11N	006510-65-2	43
5		9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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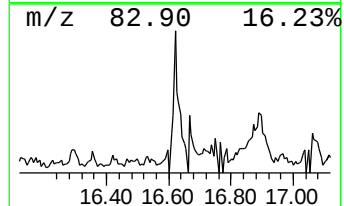
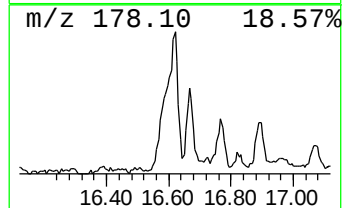
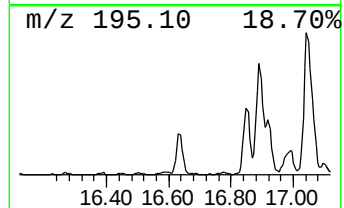
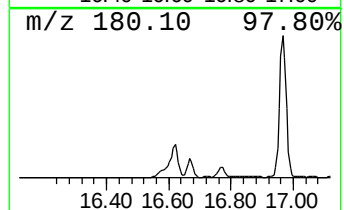
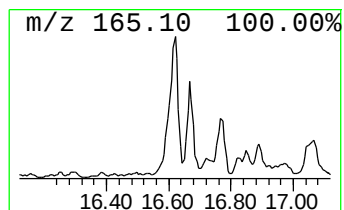
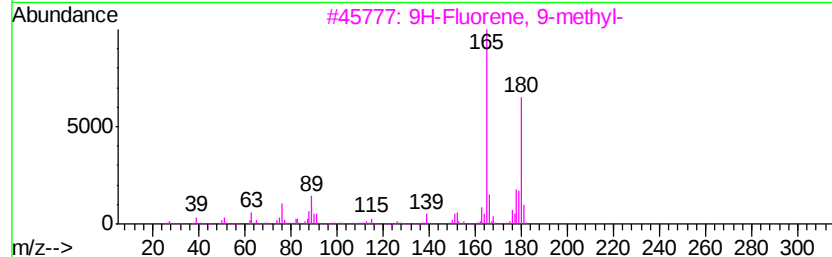
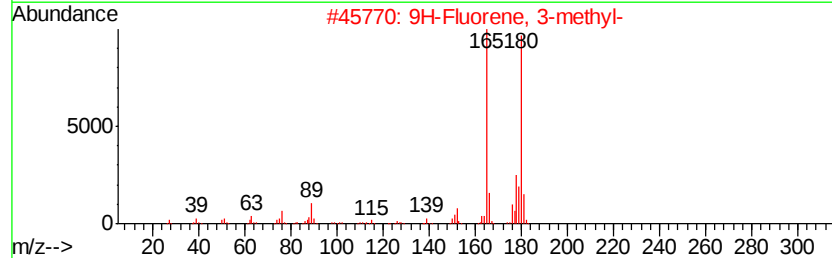
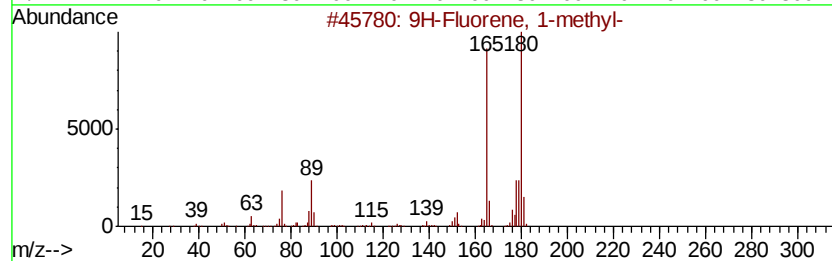
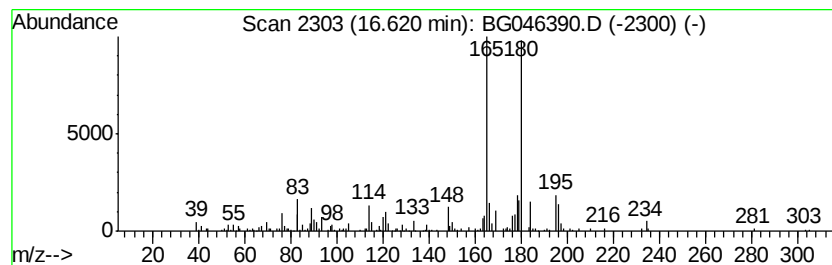
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 9H-Fluorene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	5.65 ng/ul	352086	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
3		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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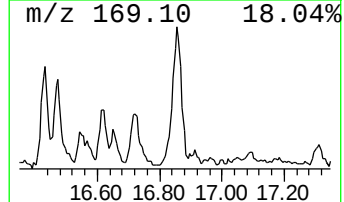
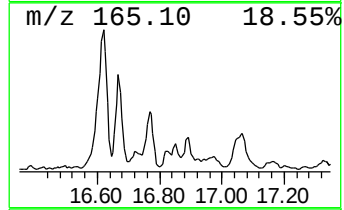
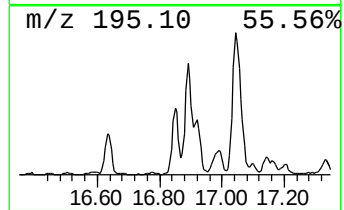
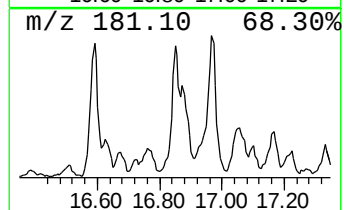
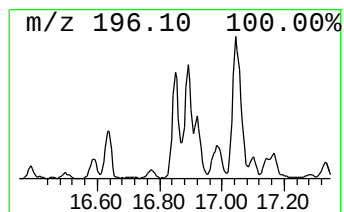
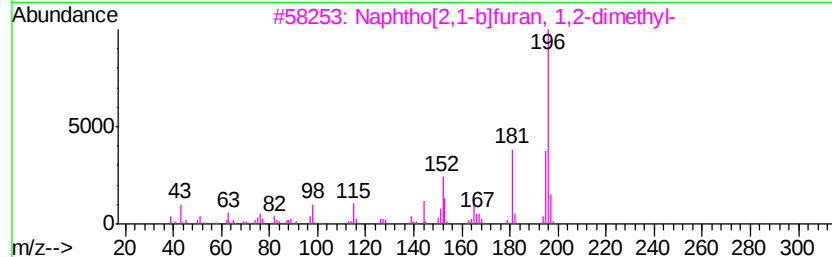
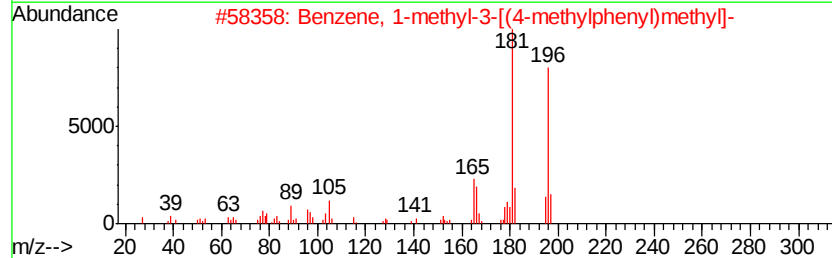
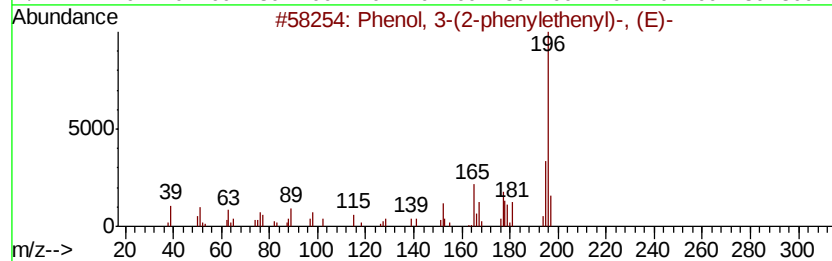
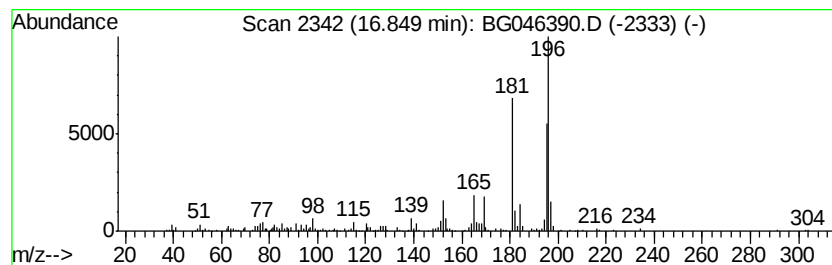
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Phenol, 3-(2-phenylethenyl)... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	5.73 ng/ul	356712	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
2		Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	52
3		Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	52
4		Benzaldehyde, 3,4,5-trimethoxy-	196	C10H12O4	000086-81-7	52
5		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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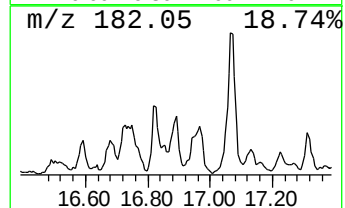
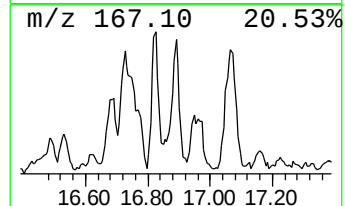
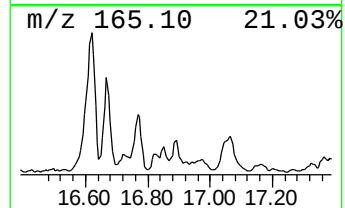
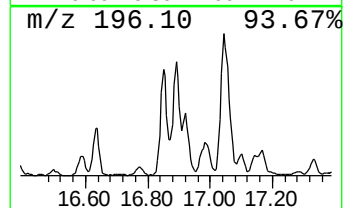
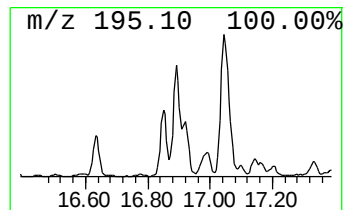
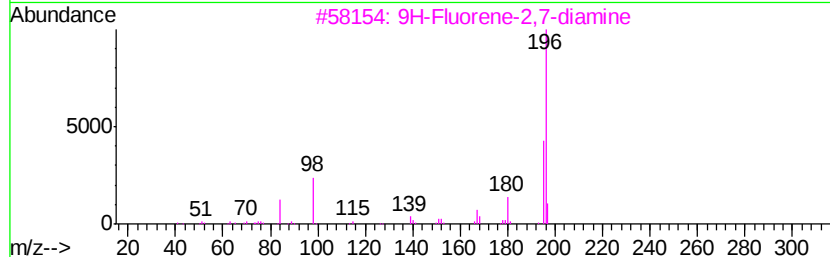
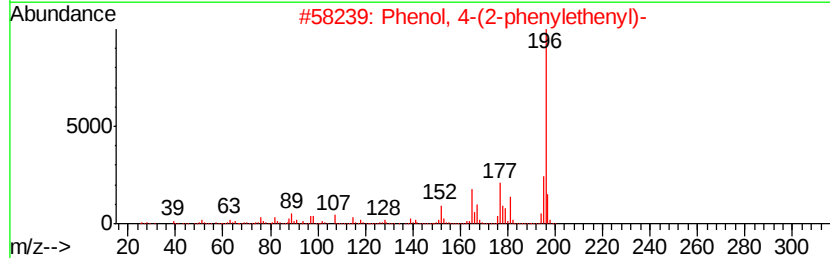
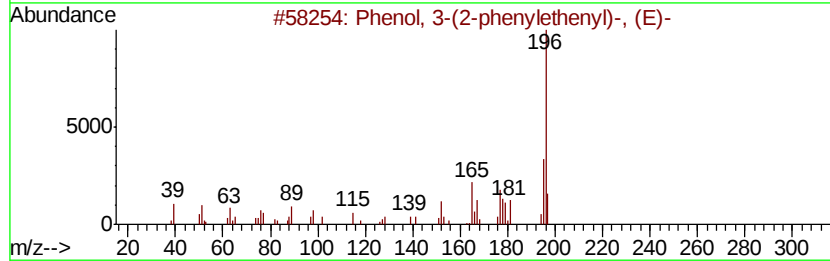
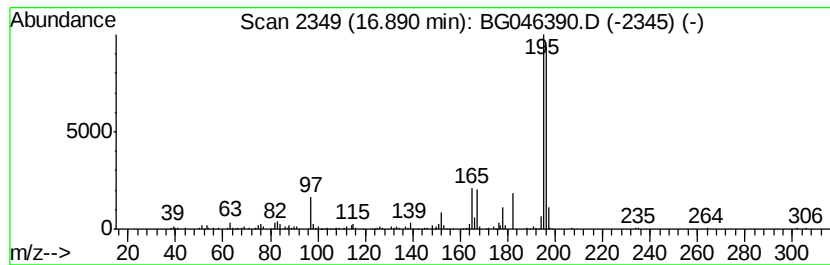
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 unknown-10 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.89	4.34 ng/ul	270275	Phenanthrene-d10	17.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
2			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
3			9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	46
4			1,2-Naphthalenediol, 1,2,3,4-tet...	268	C18H20O2	056588-42-2	45
5			Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

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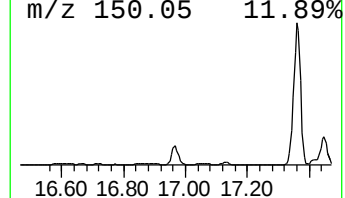
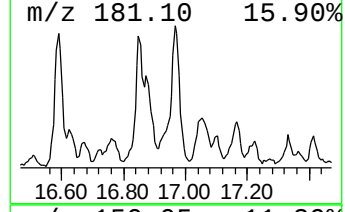
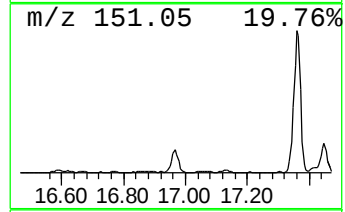
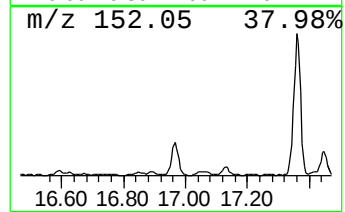
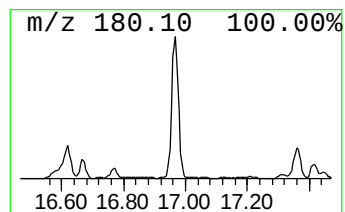
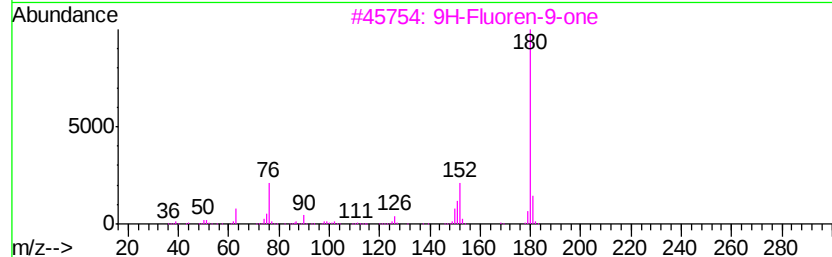
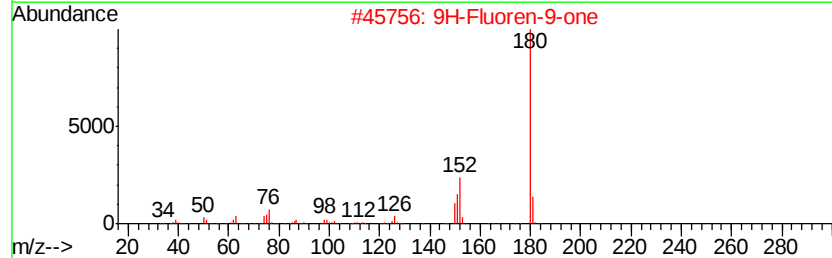
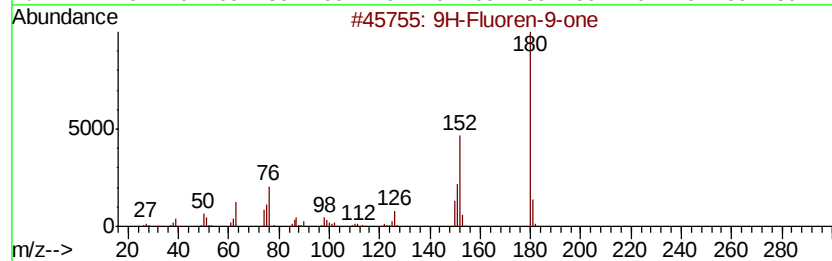
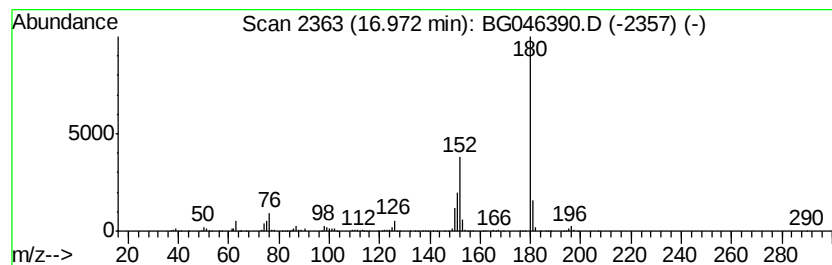
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 9H-Fluoren-9-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	10.29 ng/ul	640629	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
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ClientSampleId :
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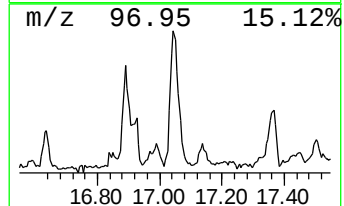
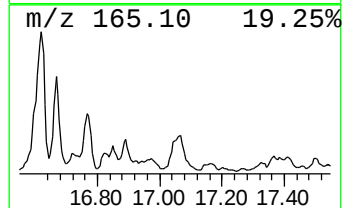
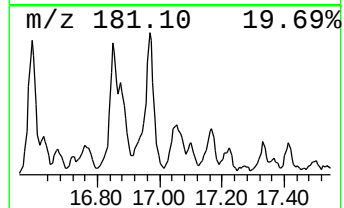
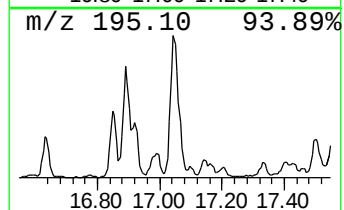
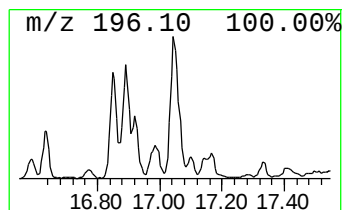
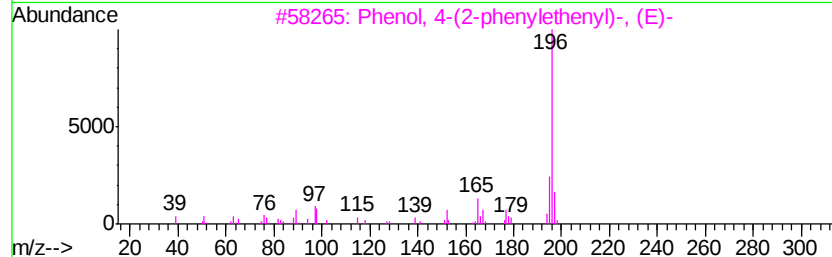
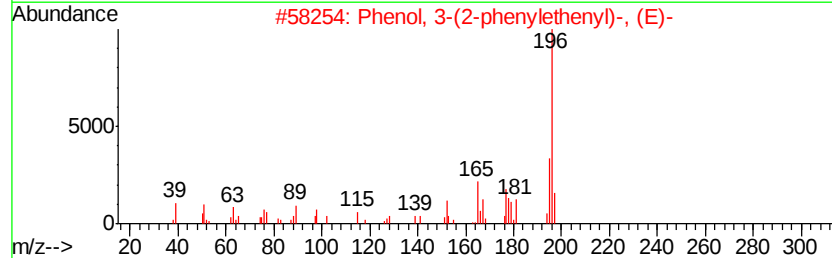
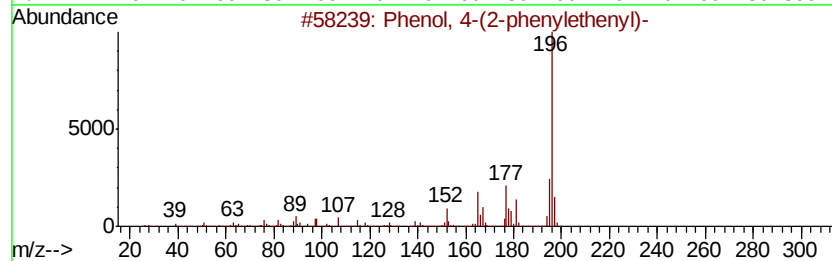
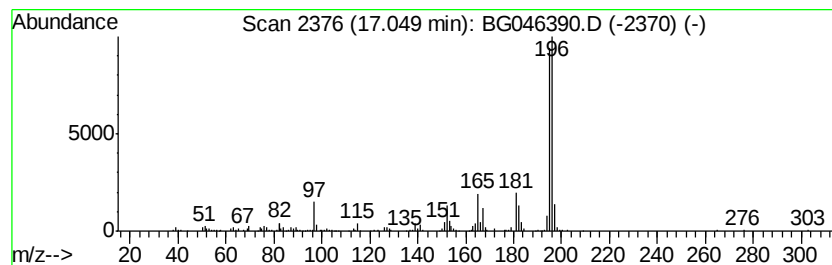
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Phenol, 4-(2-phenylethenyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	8.30 ng/ul	516953	Phenanthrene-d10	17.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	64
2			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	58
3			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
4			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5			Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
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Instrument :
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ClientSampleId :
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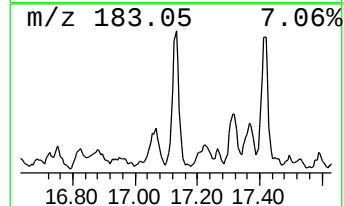
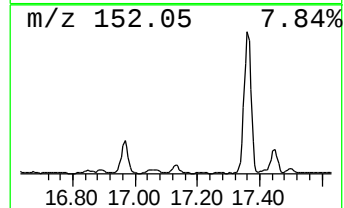
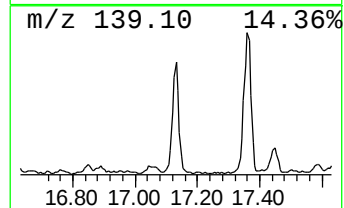
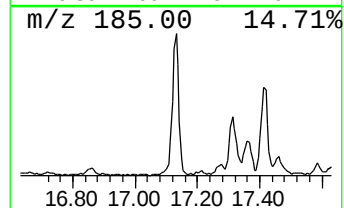
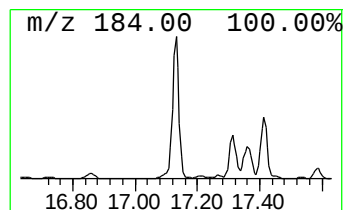
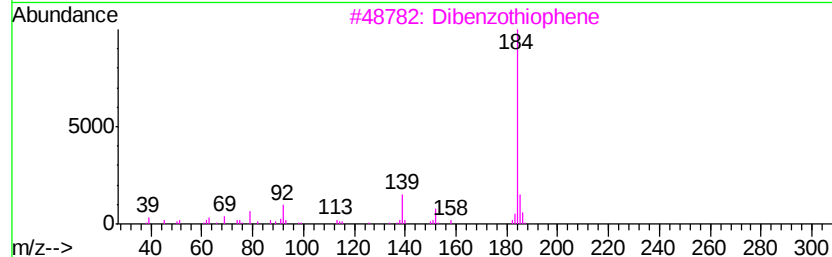
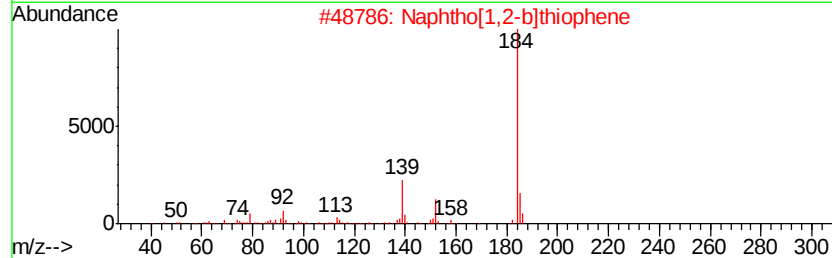
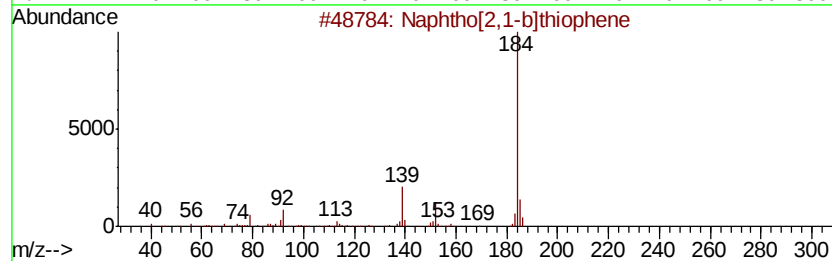
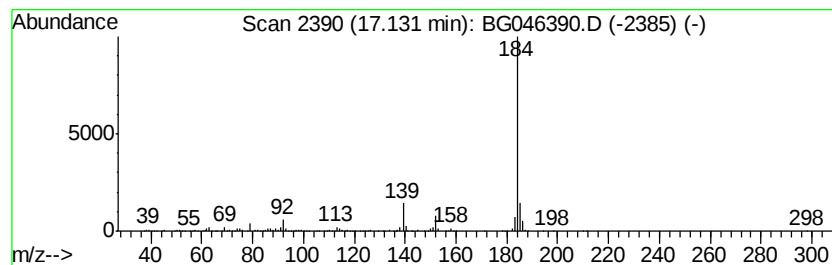
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Naphtho[2,1-b]thiophene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	7.36 ng/ul	457998	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
3		Dibenzothiophene	184	C12H8S	000132-65-0	95
4		Dibenzothiophene	184	C12H8S	000132-65-0	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
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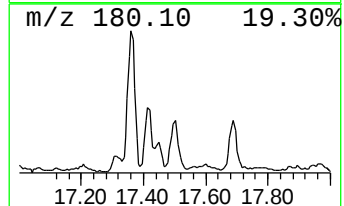
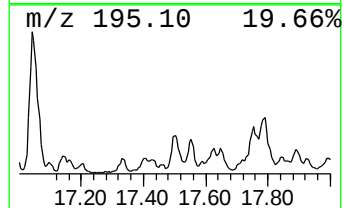
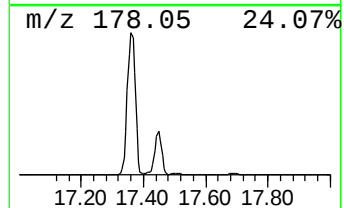
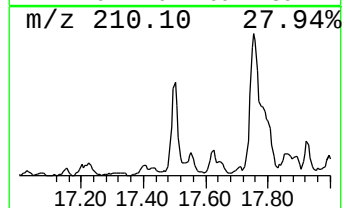
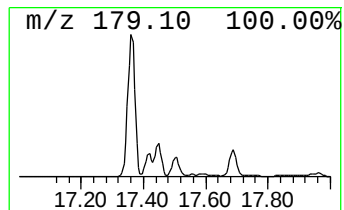
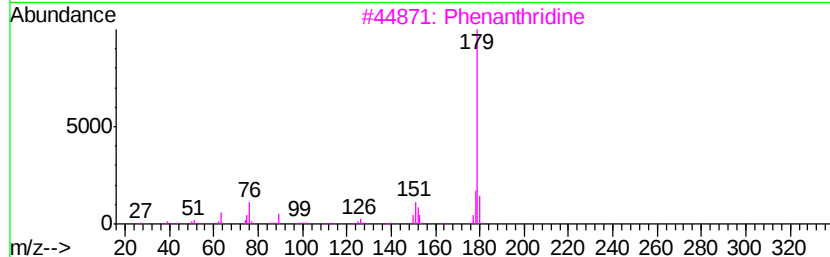
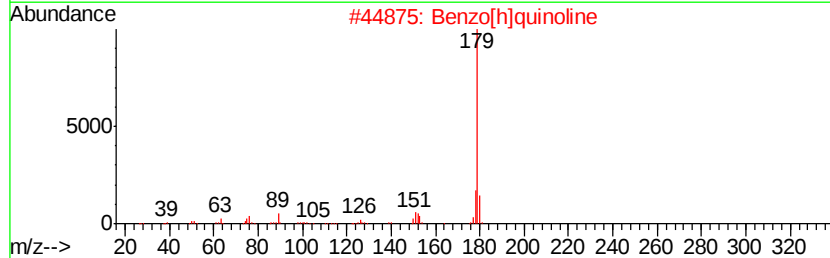
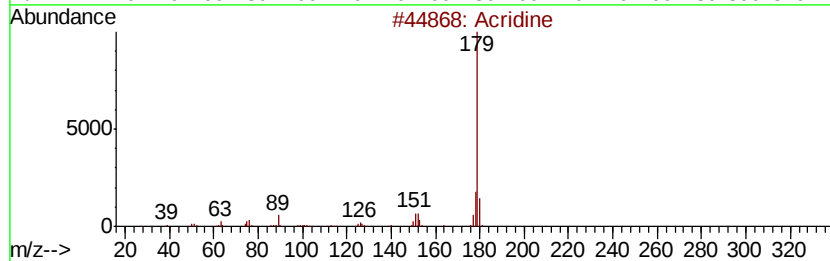
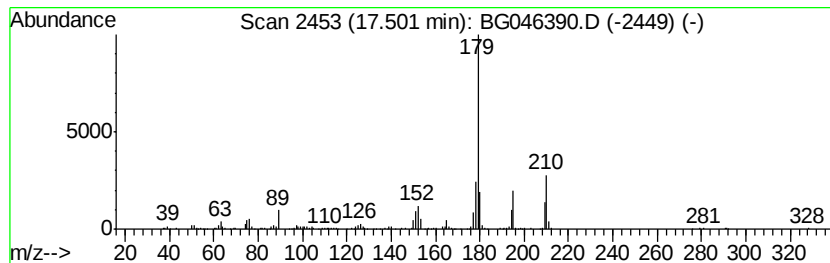
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Acridine Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	4.18 ng/ul	260213	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acridine	179	C13H9N	000260-94-6	93
2		Benzo[h]quinoline	179	C13H9N	000230-27-3	92
3		Phenanthridine	179	C13H9N	000229-87-8	83
4		Phenanthridine	179	C13H9N	000229-87-8	78
5		[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
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Misc :
ALS Vial : 54 Sample Multiplier: 1

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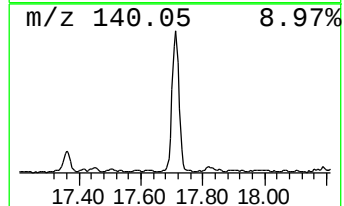
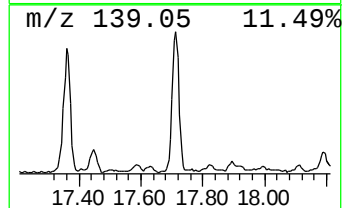
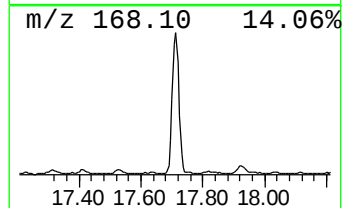
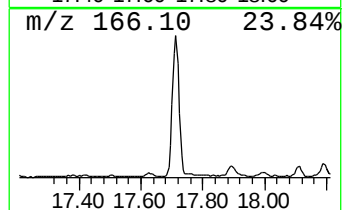
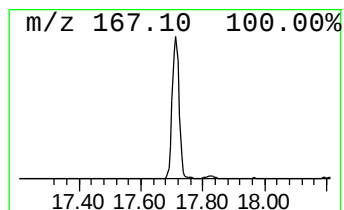
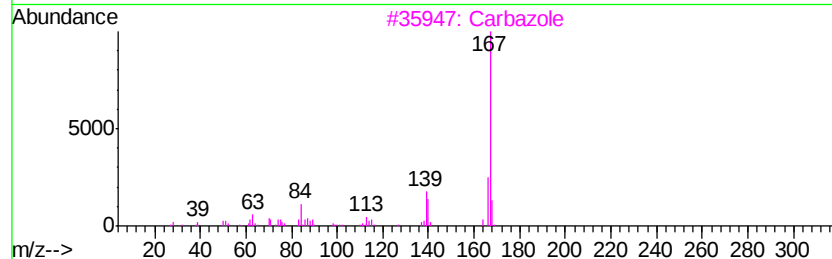
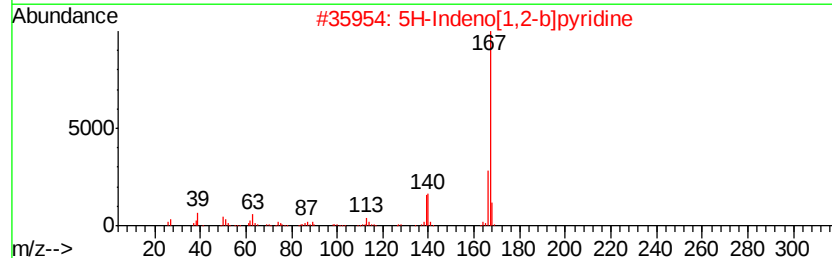
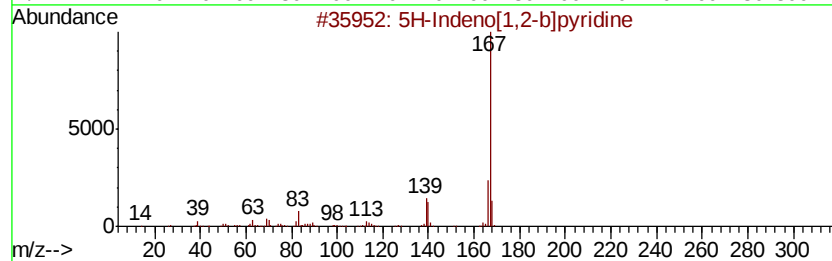
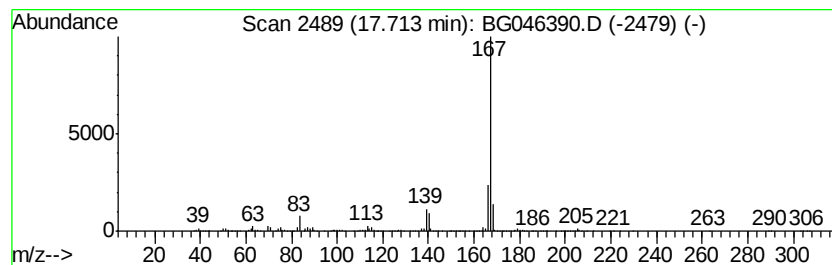
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 5H-Indeno[1,2-b]pyridine Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	19.73 ng/ul	1228320	Phenanthrene-d10	17.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
2		5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	90
3		Carbazole	167	C12H9N	000086-74-8	90
4		Carbazole	167	C12H9N	000086-74-8	87
5		Carbazole	167	C12H9N	000086-74-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081920\
Data File : BG046390.D
Acq On : 20 Aug 2020 22:38
Operator : CG/JU
Sample : L3634-02
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BFMF0

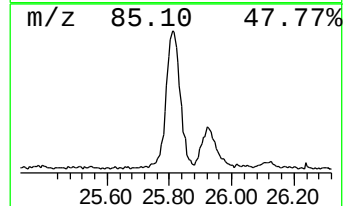
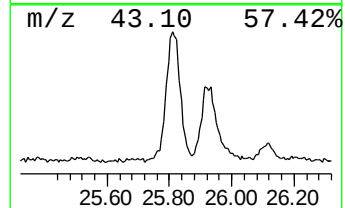
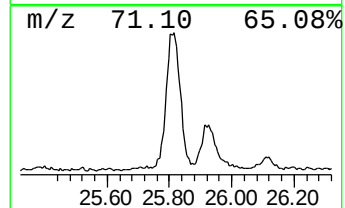
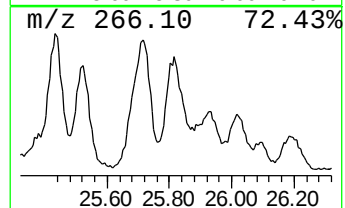
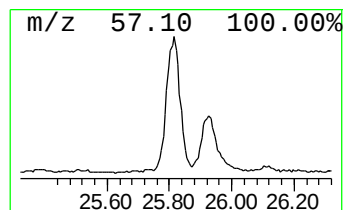
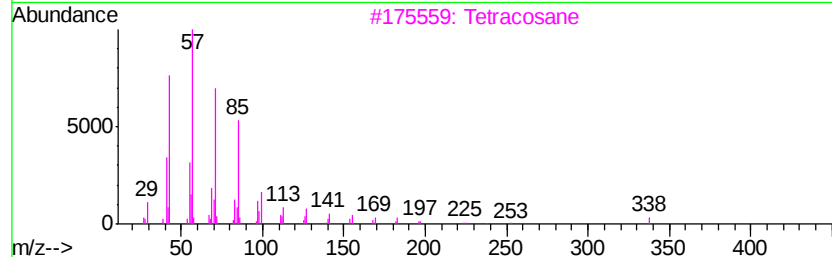
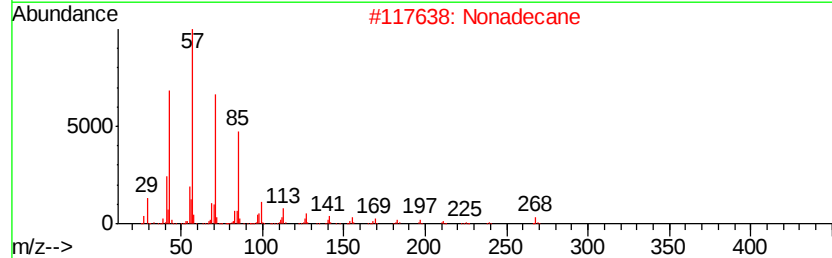
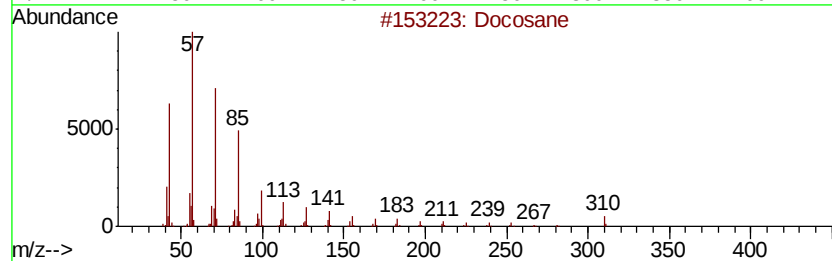
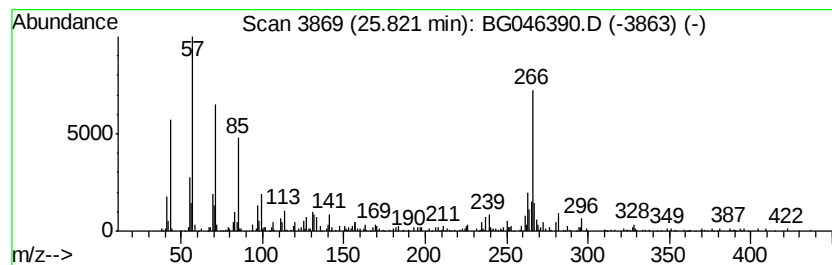
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.82	8.58 ng/ul	606274	Perylene-d12	24.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	56
2		Nonadecane	268	C19H40	000629-92-5	52
3		Tetracosane	338	C24H50	000646-31-1	52
4		Hexadecane	226	C16H34	000544-76-3	51
5		Tetracosane	338	C24H50	000646-31-1	44



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081920\
 Data File : BG046390.D
 Acq On : 20 Aug 2020 22:38
 Operator : CG/JU
 Sample : L3634-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BFMFO

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG081320PAH.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	96.6	ng/ul	2152330	1	7.94	445433	20.0
4H-Imidazol-4-one...	7.11	24.1	ng/ul	536443	1	7.94	445433	20.0
unknown-01	7.27	16.5	ng/ul	368470	1	7.94	445433	20.0
unknown-02	7.48	22.4	ng/ul	498243	1	7.94	445433	20.0
unknown-03	8.65	29.0	ng/ul	645928	1	7.94	445433	20.0
1H-Imidazole, 4-m...	9.09	22.1	ng/ul	491650	1	7.94	445433	20.0
unknown-04	9.82	12.1	ng/ul	422609	2	10.74	698056	20.0
unknown-05	10.87	14.2	ng/ul	494562	2	10.74	698056	20.0
Naphthalene, 1-me...	12.61	6.3	ng/ul	220674	2	10.74	698056	20.0
Longifolene	13.85	13.4	ng/ul	738032	3	14.57	1104390	20.0
Naphthalene, 2,3-...	13.89	5.5	ng/ul	302334	3	14.57	1104390	20.0
unknown-06	13.97	20.9	ng/ul	1154330	3	14.57	1104390	20.0
Phthalic acid, me...	14.02	6.7	ng/ul	369500	3	14.57	1104390	20.0
unknown-07	14.77	7.9	ng/ul	438188	3	14.57	1104390	20.0
Dibenzofuran	14.97	13.1	ng/ul	724494	3	14.57	1104390	20.0
unknown-08	15.69	8.0	ng/ul	443780	3	14.57	1104390	20.0
1,1'-Biphenyl, 2-...	15.78	4.5	ng/ul	248993	3	14.57	1104390	20.0
Cedrane, 8-propoxy-	15.86	22.0	ng/ul	1215950	3	14.57	1104390	20.0
2,4,6-Cycloheptat...	15.91	6.8	ng/ul	378383	3	14.57	1104390	20.0
6H-Dibenzo[b,d]-p...	16.06	9.3	ng/ul	580456	4	17.31	1245370	20.0
unknown-09	16.16	5.4	ng/ul	334330	4	17.31	1245370	20.0
1,1'-Biphenyl, 4-...	16.59	3.9	ng/ul	245163	4	17.31	1245370	20.0
9H-Fluorene, 1-me...	16.62	5.7	ng/ul	352086	4	17.31	1245370	20.0
Phenol, 3-(2-phen...	16.85	5.7	ng/ul	356712	4	17.31	1245370	20.0
unknown-10	16.89	4.3	ng/ul	270275	4	17.31	1245370	20.0
9H-Fluoren-9-one	16.97	10.3	ng/ul	640629	4	17.31	1245370	20.0
Phenol, 4-(2-phen...	17.05	8.3	ng/ul	516953	4	17.31	1245370	20.0
Naphtho[2,1-b]thi...	17.13	7.4	ng/ul	457998	4	17.31	1245370	20.0
Acridine	17.50	4.2	ng/ul	260213	4	17.31	1245370	20.0
5H-Indeno[1,2-b]p...	17.71	19.7	ng/ul	1228320	4	17.31	1245370	20.0
(DEL) Alkane: Str...	25.82	8.6	ng/ul	606274	6	24.68	1412680	20.0