

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
 Data File : BP002023.D
 Acq On : 03 Mar 2020 16:11
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

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_P\METHODS\SOM-EPA-BP022720MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP002024.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.916	3	5	22	rVB	897450	1210369	7.38%	0.828%
2	3.163	43	47	53	rVB2	33646	47716	0.29%	0.033%
3	4.781	317	322	329	rBV	32123	49481	0.30%	0.034%
4	6.810	657	667	677	rBV	611623	1023309	6.24%	0.700%
5	6.975	688	695	706	rVB	511754	811268	4.95%	0.555%
6	7.169	721	728	742	rVB	696836	1089933	6.64%	0.745%
7	7.634	798	807	817	rBV	1238516	1967577	11.99%	1.345%
8	8.169	892	898	913	rBV	112016	207125	1.26%	0.142%
9	8.340	920	927	935	rBV	768313	1208990	7.37%	0.827%
10	8.775	994	1001	1014	rBV	576977	941674	5.74%	0.644%
11	9.498	1116	1124	1132	rBV	450183	757683	4.62%	0.518%
12	10.034	1208	1215	1231	rBV	849508	1428109	8.71%	0.977%
13	10.410	1271	1279	1293	rBV	1672494	2870033	17.50%	1.963%
14	10.545	1295	1302	1318	rBV	424134	817323	4.98%	0.559%
15	11.910	1528	1534	1545	rBV	48115	106709	0.65%	0.073%
16	12.192	1576	1582	1590	rBV3	16501	44111	0.27%	0.030%
17	13.028	1718	1724	1733	rBV5	26795	48721	0.30%	0.033%
18	13.192	1745	1752	1758	rVV5	18372	46690	0.28%	0.032%
19	13.692	1826	1837	1842	rVV	1456836	1986586	12.11%	1.358%
20	13.739	1842	1845	1851	rVV	135754	188463	1.15%	0.129%
21	13.969	1877	1884	1899	rBV2	1686501	2873824	17.52%	1.965%
22	14.280	1929	1937	1944	rBV	2568835	3777537	23.03%	2.583%
23	14.345	1944	1948	1955	rVB	33467	55991	0.34%	0.038%
24	14.480	1965	1971	1983	rBV	380142	680450	4.15%	0.465%
25	14.680	2001	2005	2017	rVB	27312	64197	0.39%	0.044%
26	15.274	2100	2106	2113	rBV	2193473	3208719	19.56%	2.194%
27	15.333	2113	2116	2122	rVV	52891	78466	0.48%	0.054%
28	15.398	2122	2127	2136	rVV	377122	526638	3.21%	0.360%
29	16.010	2226	2231	2237	rBV	64677	102712	0.63%	0.070%
30	16.616	2326	2334	2338	rBV	44889	65783	0.40%	0.045%
31	16.686	2342	2346	2356	rVB	64678	109146	0.67%	0.075%
32	16.951	2386	2391	2398	rBV	87547	128326	0.78%	0.088%
33	17.033	2399	2405	2410	rVV	3271123	4463499	27.21%	3.052%
34	17.074	2410	2412	2416	rVV	277888	312930	1.91%	0.214%

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35	17.133	2416	2422	2425	rVV	2360016	3406948	20.77%	2.330%
36	17.168	2425	2428	2434	rVV	1177251	1610582	9.82%	1.101%
37	17.227	2434	2438	2449	rVB	68532	125472	0.76%	0.086%
38	17.439	2465	2474	2486	rBV	426399	856602	5.22%	0.586%
39	17.957	2558	2562	2569	rBV2	355317	534604	3.26%	0.366%
40	18.033	2570	2575	2580	rVV2	132548	221636	1.35%	0.152%
41	18.098	2581	2586	2597	rVB2	194852	414587	2.53%	0.284%
42	18.198	2600	2603	2608	rBV4	41659	80762	0.49%	0.055%
43	18.245	2608	2611	2614	rVV3	53974	88026	0.54%	0.060%
44	18.286	2614	2618	2623	rVB	114332	178823	1.09%	0.122%
45	18.374	2629	2633	2638	rBV3	182125	282788	1.72%	0.193%
46	18.427	2638	2642	2649	rVB	407799	547350	3.34%	0.374%
47	18.521	2655	2658	2664	rVB3	45530	58132	0.35%	0.040%
48	18.721	2689	2692	2696	rVB	52046	63601	0.39%	0.043%
49	18.804	2702	2706	2711	rBV4	118935	189057	1.15%	0.129%
50	18.933	2724	2728	2737	rVB	414024	552787	3.37%	0.378%
51	19.057	2744	2749	2755	rVB	3682521	4659562	28.40%	3.186%
52	19.145	2762	2764	2769	rVB	117718	149688	0.91%	0.102%
53	19.198	2769	2773	2777	rBV2	258160	345345	2.11%	0.236%
54	19.268	2782	2785	2787	rBV	115705	125697	0.77%	0.086%
55	19.380	2798	2804	2806	rBV	3487376	4920266	29.99%	3.365%
56	19.410	2806	2809	2817	rVV	4731603	6160368	37.55%	4.213%
57	19.480	2818	2821	2828	rVB3	122261	206464	1.26%	0.141%
58	19.586	2835	2839	2843	rBV	194000	287362	1.75%	0.197%
59	19.639	2844	2848	2854	rVB	1021508	1418758	8.65%	0.970%
60	19.727	2858	2863	2868	rBV4	388317	833415	5.08%	0.570%
61	19.774	2868	2871	2875	rVB	163887	207816	1.27%	0.142%
62	19.857	2881	2885	2888	rBV3	455212	806529	4.92%	0.552%
63	19.939	2895	2899	2903	rBV	328717	395240	2.41%	0.270%
64	19.992	2904	2908	2911	rVV2	368719	479662	2.92%	0.328%
65	20.045	2911	2917	2921	rVV3	620179	1050038	6.40%	0.718%
66	20.086	2921	2924	2927	rVB2	195861	236215	1.44%	0.162%
67	20.180	2937	2940	2944	rBV	389168	511446	3.12%	0.350%
68	20.227	2944	2948	2953	rVV2	263759	430095	2.62%	0.294%
69	20.433	2980	2983	2986	rBV4	147997	237335	1.45%	0.162%
70	20.539	2999	3001	3004	rVB3	150701	145201	0.89%	0.099%
71	20.621	3011	3015	3022	rVB2	586339	883747	5.39%	0.604%

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72	20.786	3037	3043	3046	rBV3	676715	1118542	6.82%	0.765%
73	20.821	3046	3049	3052	rVV2	617257	655814	4.00%	0.448%
74	20.857	3052	3055	3061	rVV2	939484	1687418	10.29%	1.154%
75	21.127	3095	3101	3106	rBV2	4234806	9589683	58.46%	6.558%
76	21.168	3106	3108	3115	rVB	3501409	4080667	24.88%	2.790%
77	21.245	3118	3121	3125	rBV3	415544	536702	3.27%	0.367%
78	21.286	3125	3128	3129	rBV	411367	466866	2.85%	0.319%
79	21.433	3149	3153	3159	rBV2	592039	857726	5.23%	0.587%
80	21.492	3160	3163	3170	rVB3	255603	407559	2.48%	0.279%
81	21.674	3192	3194	3198	rVB	509141	563153	3.43%	0.385%
82	21.733	3200	3204	3211	rVV3	676249	1087919	6.63%	0.744%
83	21.868	3223	3227	3230	rBV3	561981	773556	4.72%	0.529%
84	22.139	3270	3273	3277	rBV	302690	408292	2.49%	0.279%
85	22.327	3302	3305	3310	rVB2	583294	769296	4.69%	0.526%
86	22.439	3316	3324	3334	rVB3	469486	1541606	9.40%	1.054%
87	22.545	3337	3342	3348	rVV2	557595	940819	5.74%	0.643%
88	22.692	3359	3367	3382	rBV	5289226	16404149	100.00%	11.218%
89	22.856	3390	3395	3403	rVB	702253	1134725	6.92%	0.776%
90	22.986	3412	3417	3428	rBV2	387148	990679	6.04%	0.677%
91	23.156	3440	3446	3451	rBV	2749832	5279065	32.18%	3.610%
92	23.209	3451	3455	3458	rVV	1810205	3178187	19.37%	2.173%
93	23.251	3458	3462	3471	rVV	2162896	4257939	25.96%	2.912%
94	23.351	3472	3479	3483	rVV	2693240	5087132	31.01%	3.479%
95	23.398	3484	3487	3496	rVB2	748992	1497484	9.13%	1.024%
96	24.909	3740	3744	3750	rVB3	147980	275274	1.68%	0.188%
97	25.339	3812	3817	3827	rVB2	591931	1434897	8.75%	0.981%
98	25.586	3849	3859	3873	rVB3	2132196	8203318	50.01%	5.610%
99	25.892	3905	3911	3935	rVB3	781401	2595374	15.82%	1.775%
100	26.262	3965	3974	3991	rVB	1089179	3409929	20.79%	2.332%

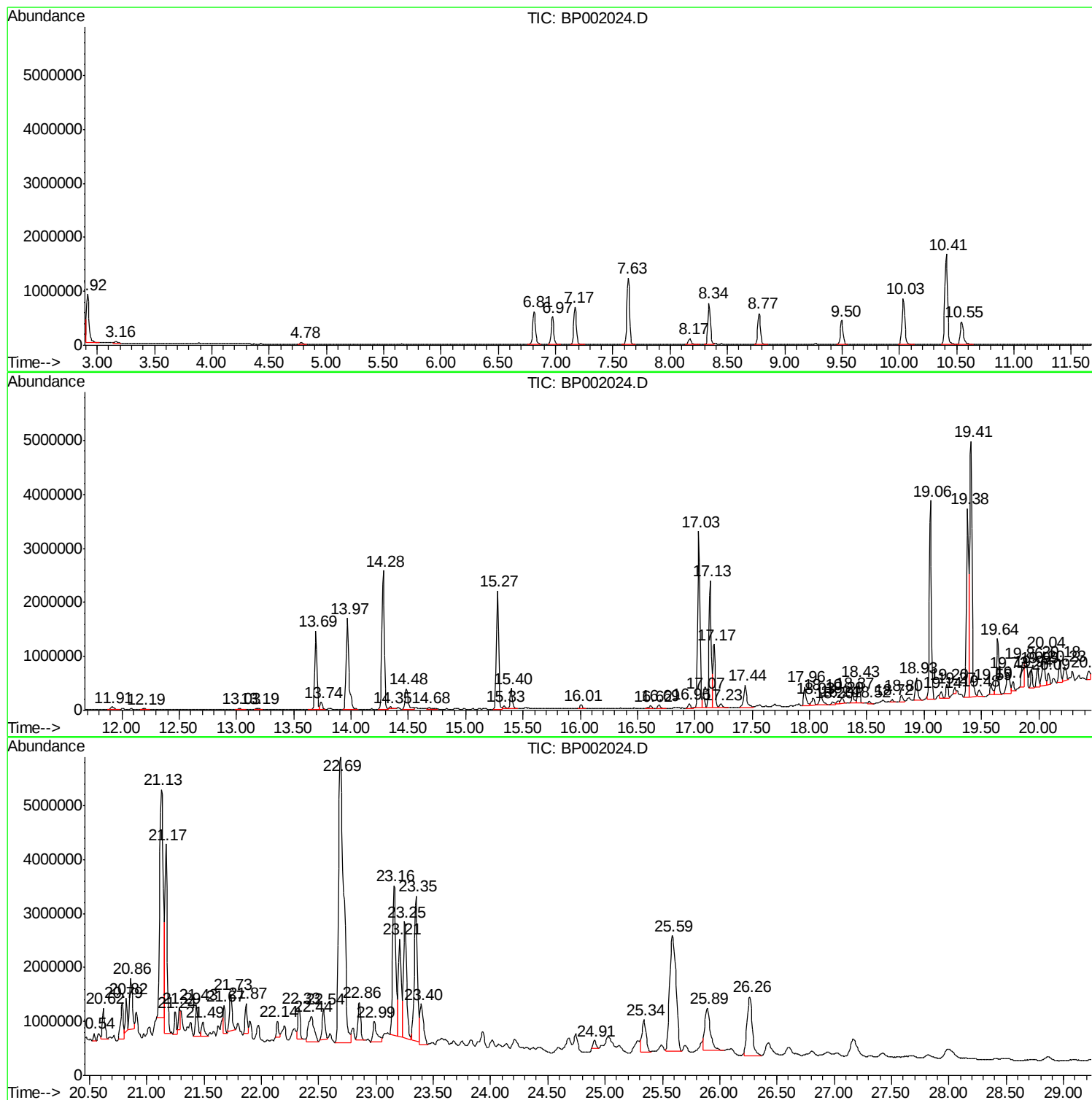
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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



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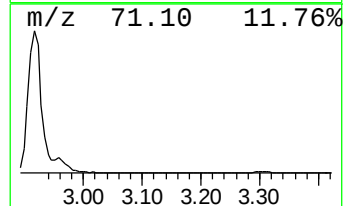
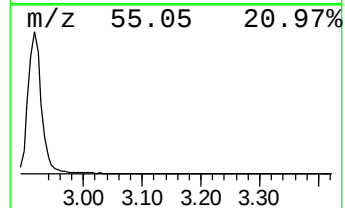
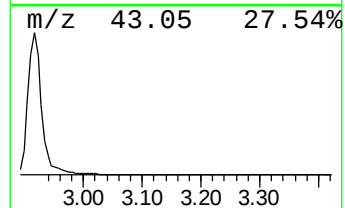
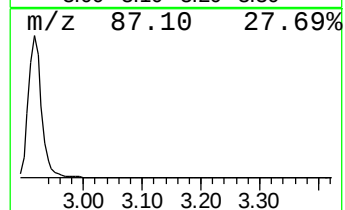
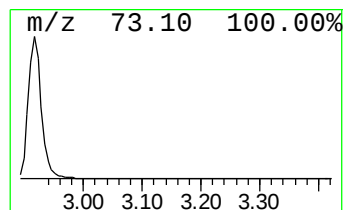
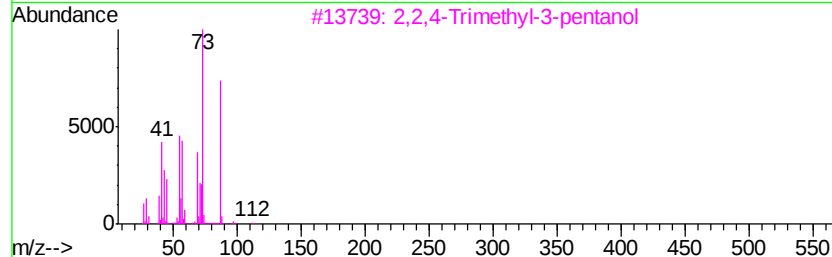
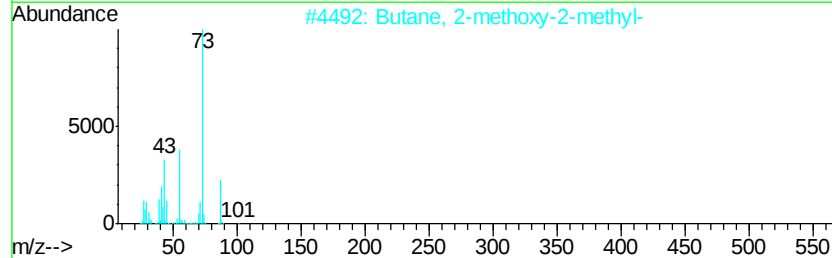
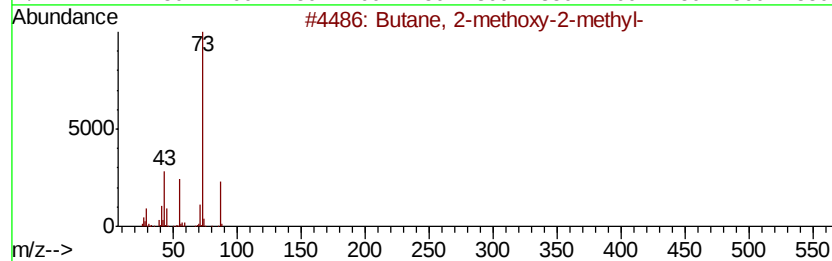
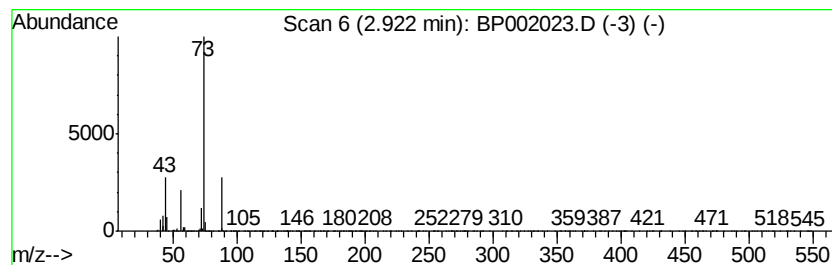
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	12.30 ng/ul	1210370	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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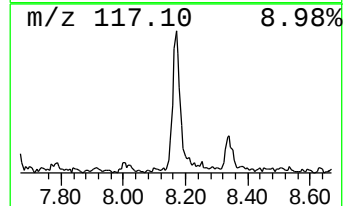
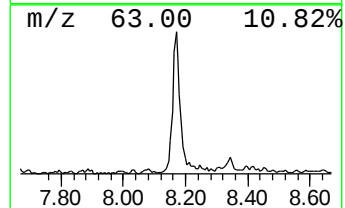
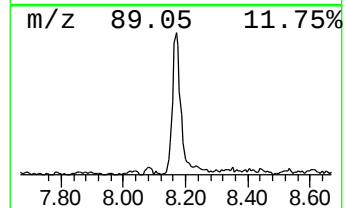
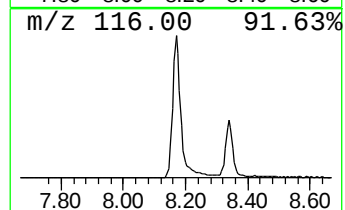
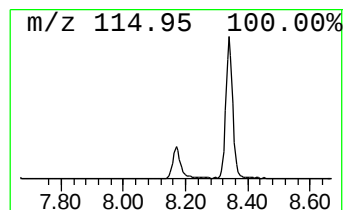
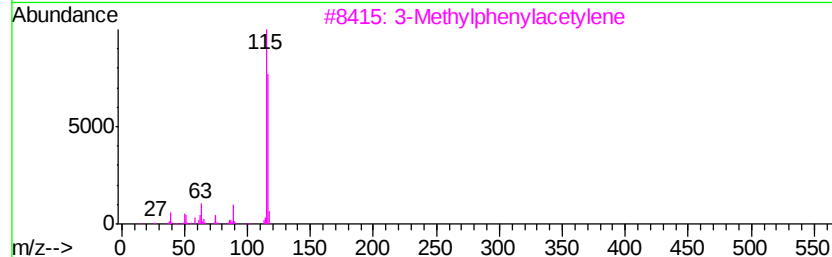
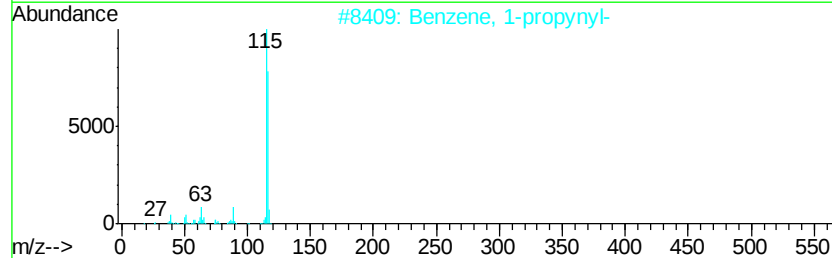
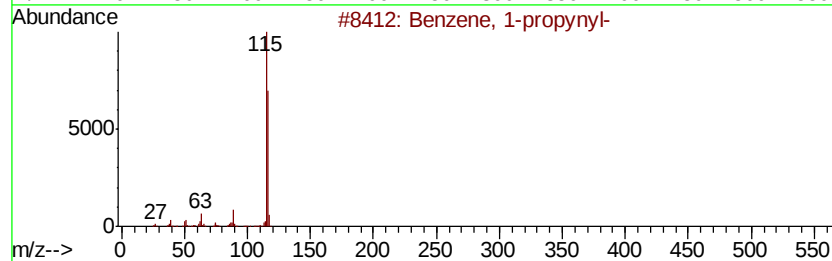
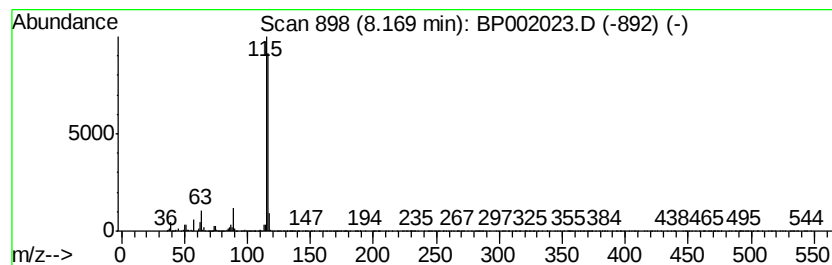
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Peak Number 2 Benzene, 1-propynyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	2.11 ng/ul	207125	1,4-Dichlorobenzene-d4	7.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3		3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5		Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91



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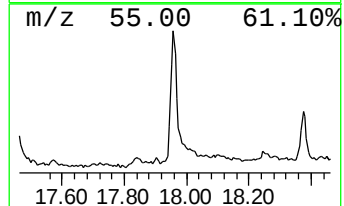
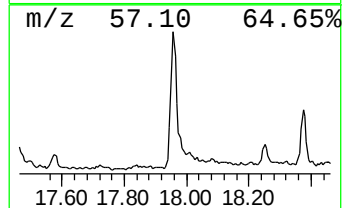
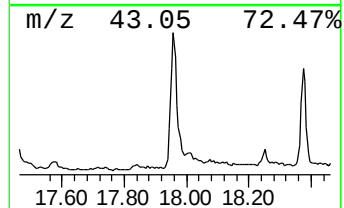
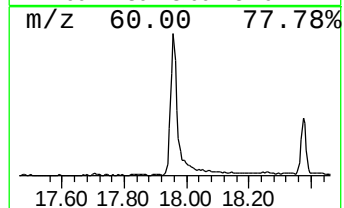
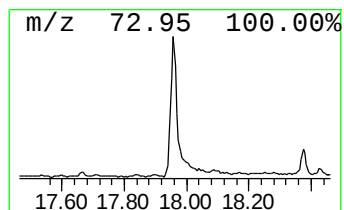
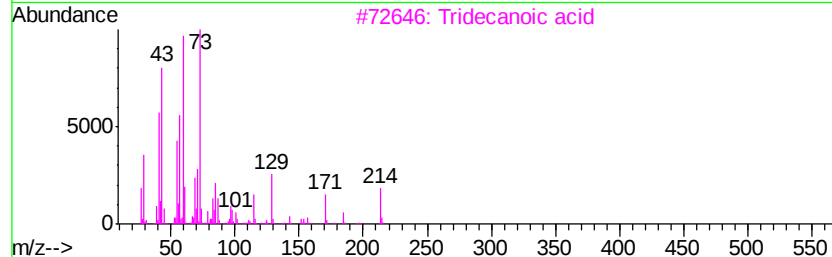
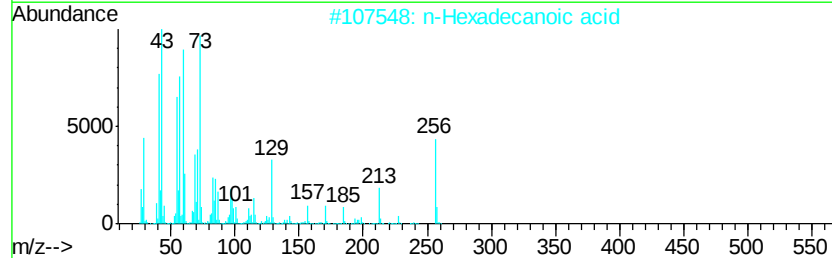
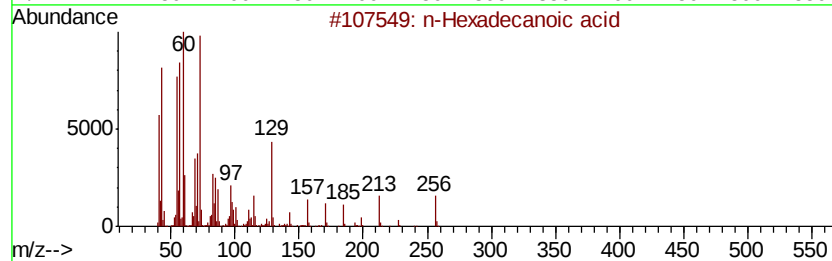
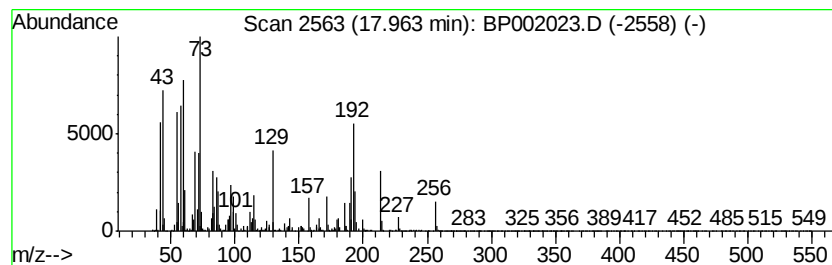
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.40 ng/ul	534604	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Tridecanoic acid	214	C13H26O2	000638-53-9	78
4		Octadecanoic acid	284	C18H36O2	000057-11-4	76
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



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Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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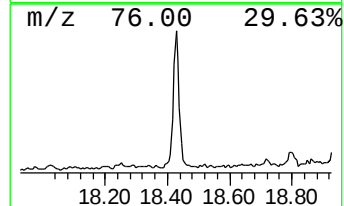
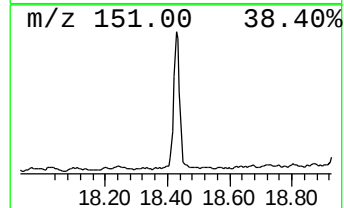
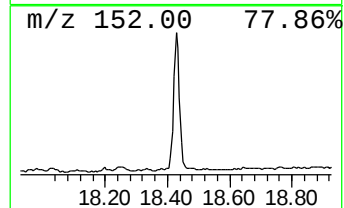
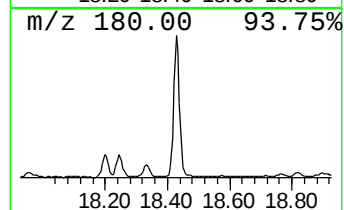
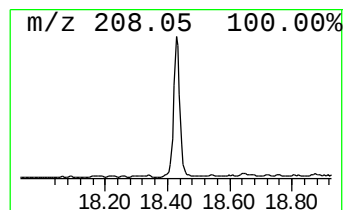
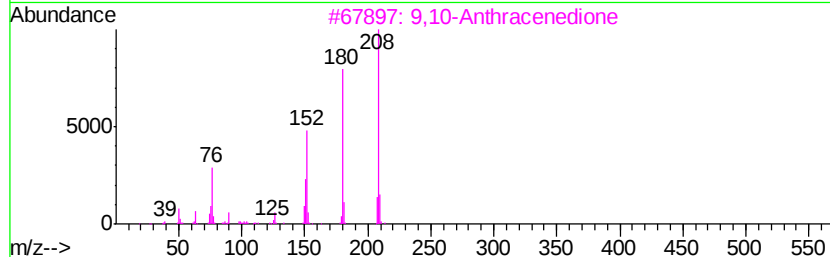
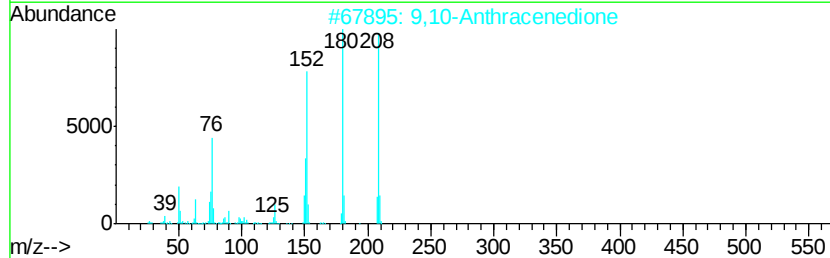
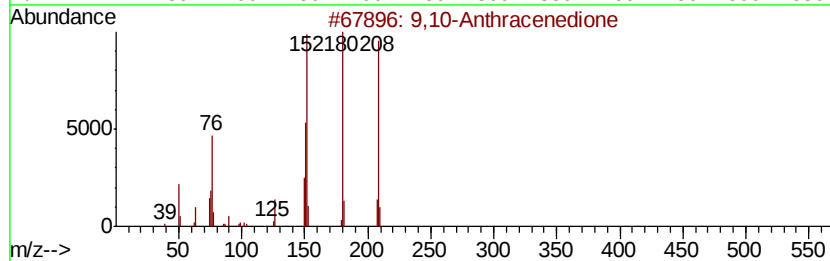
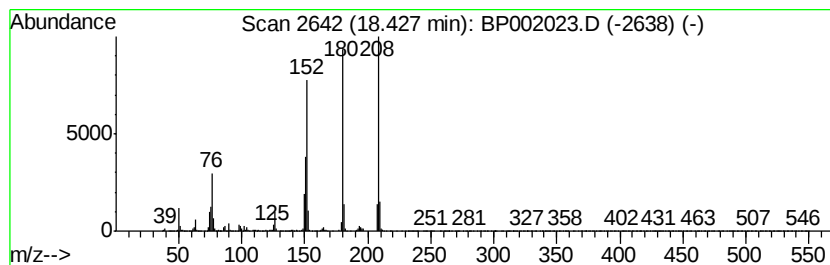
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.45 ng/ul	547350	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		Benzo[cl]cinoline	180	C12H8N2	000230-17-1	86
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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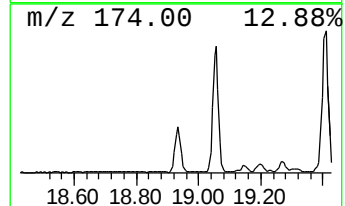
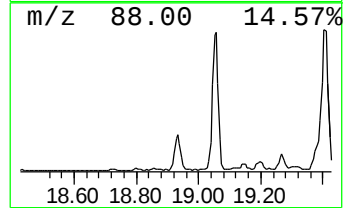
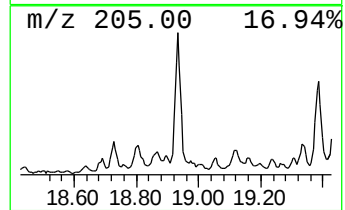
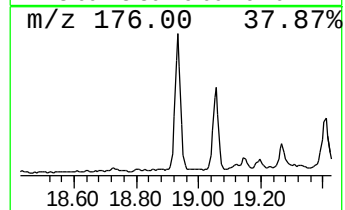
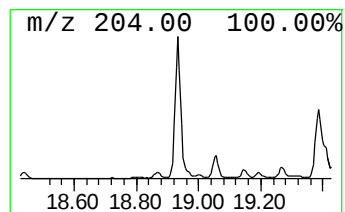
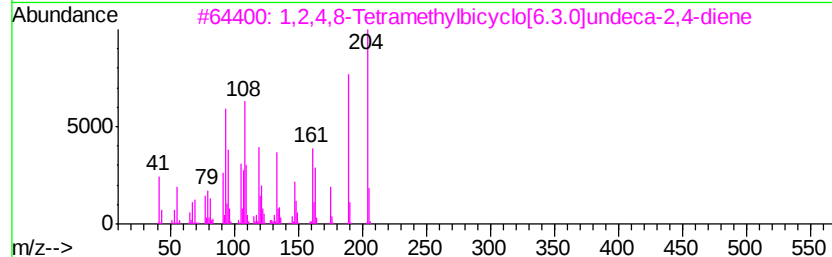
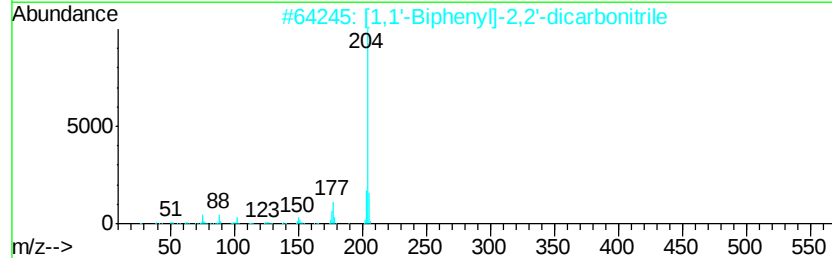
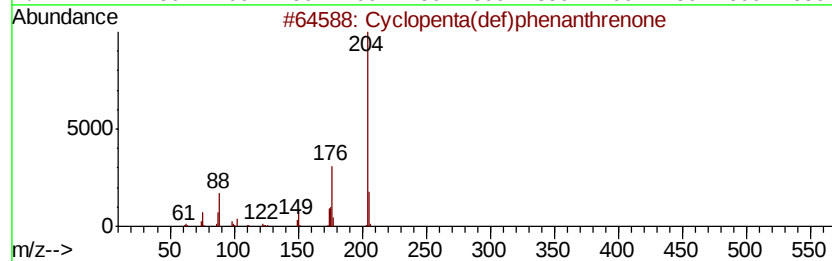
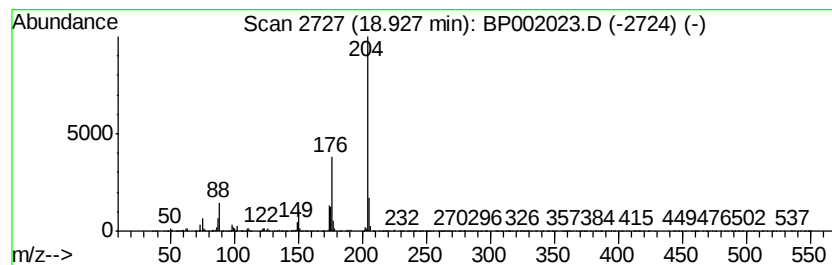
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.48 ng/ul	552787	Phenanthrene-d10	17.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	53
4		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5		Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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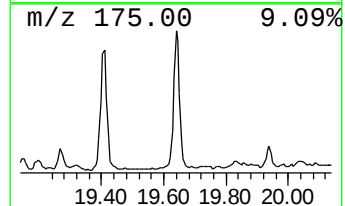
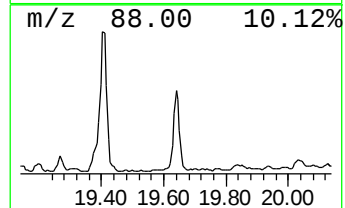
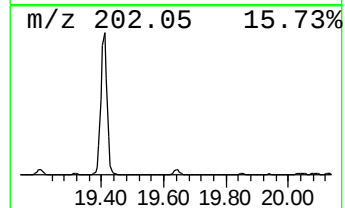
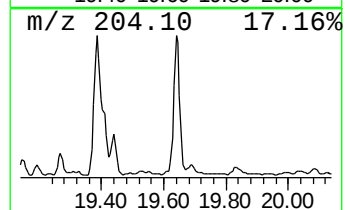
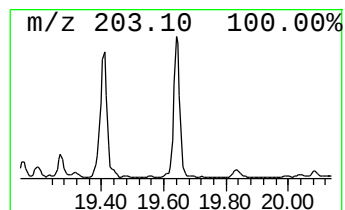
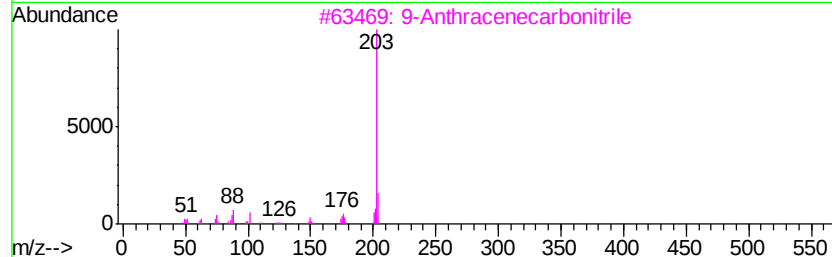
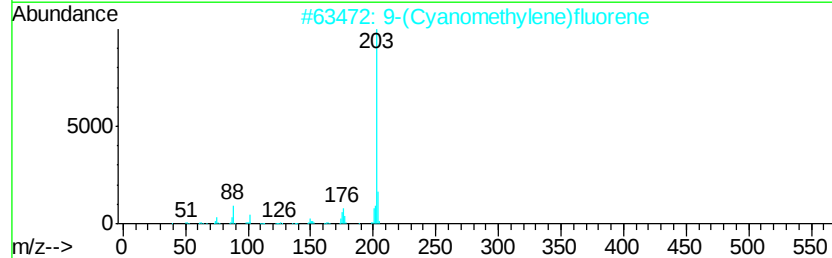
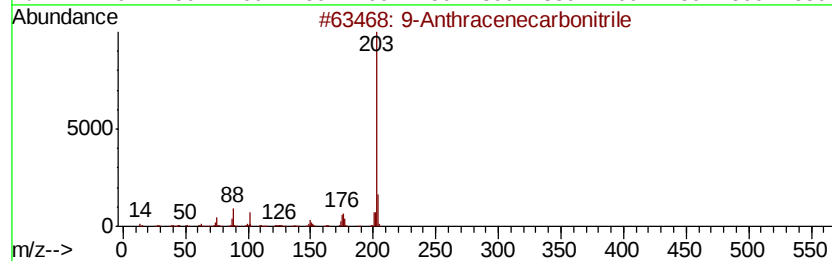
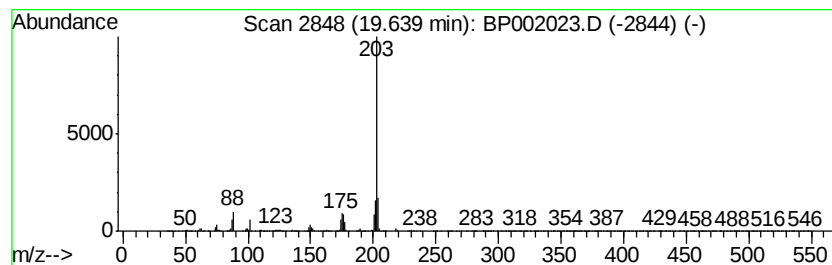
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9-Anthracenecarbonitrile Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	2.96 ng/ul	1418760	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
2		9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	97
3		9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	97
4		Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	97
5		Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

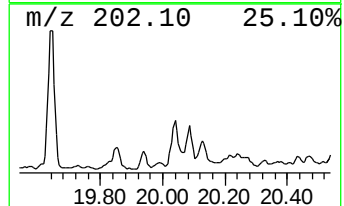
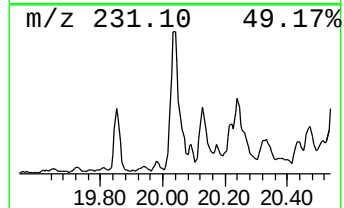
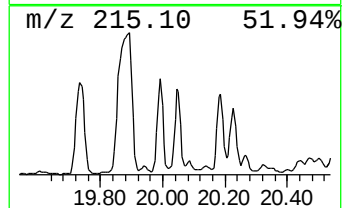
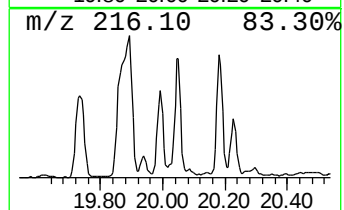
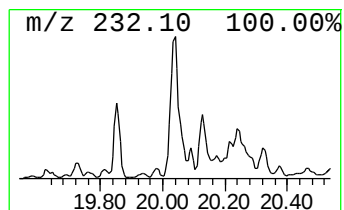
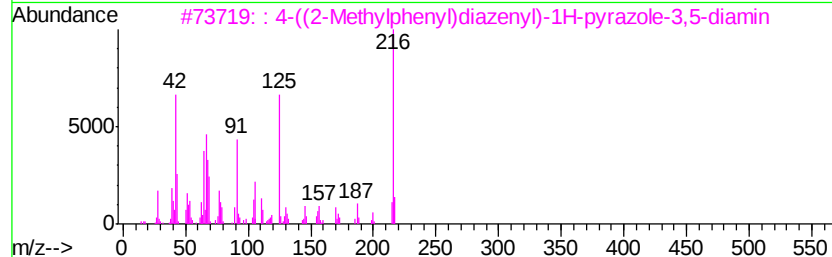
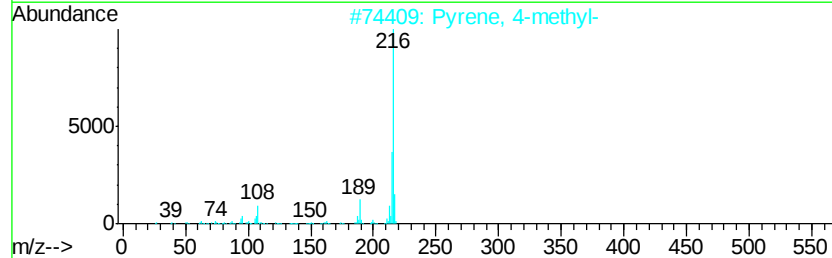
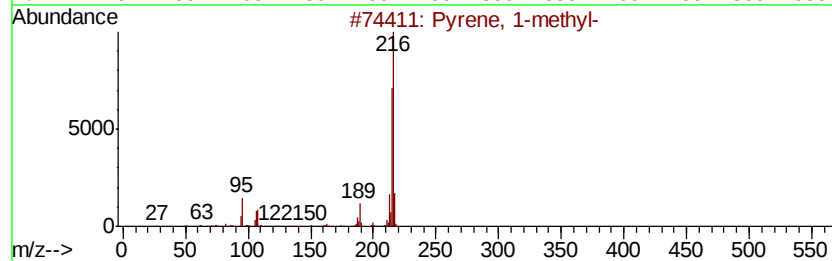
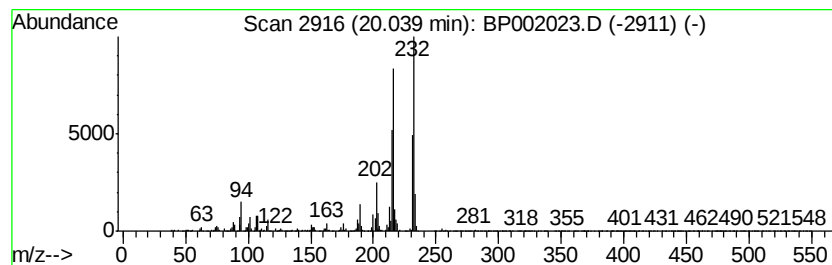
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.19 ng/ul	1050040	Chrysene-d12	21.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pyrene, 1-methyl-	216 C17H12	002381-21-7	95
2	Pyrene, 4-methyl-	216 C17H12	003353-12-6	89
3	: 4-((2-Methylphenyl)diazenvl)-1...	216 C10H12N6	1000332-58-9	70
4	Fluoranthene, 2-methyl-	216 C17H12	033543-31-6	64
5	Pyrene, 1-methyl-	216 C17H12	002381-21-7	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
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Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
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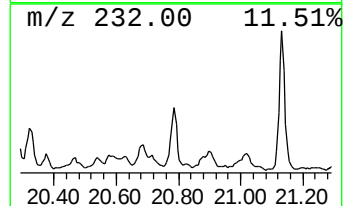
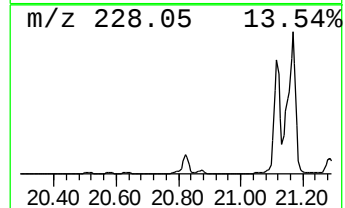
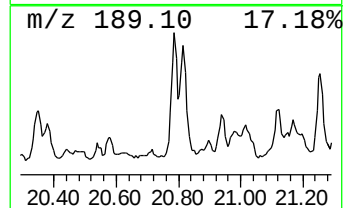
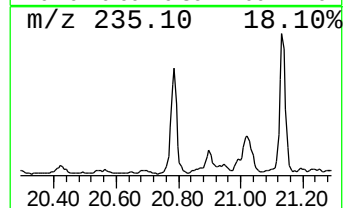
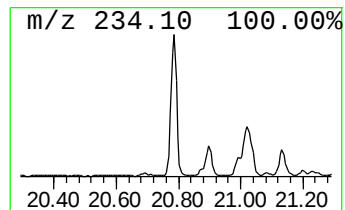
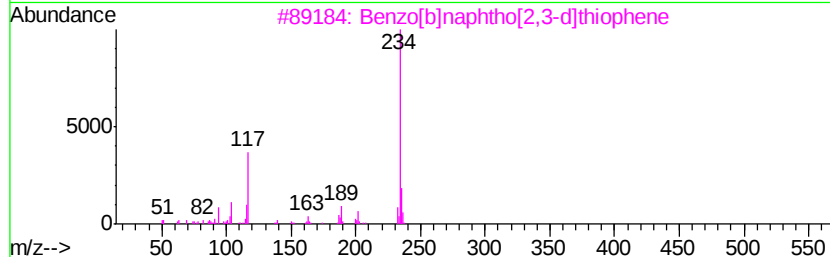
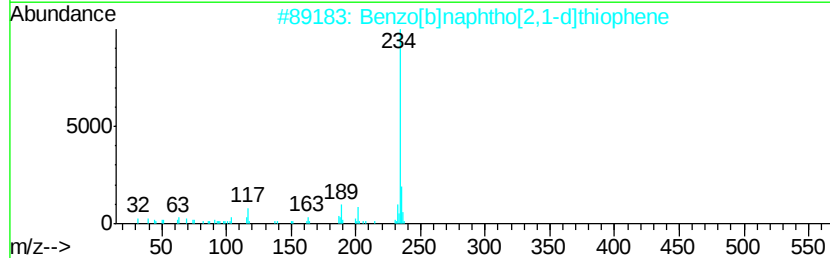
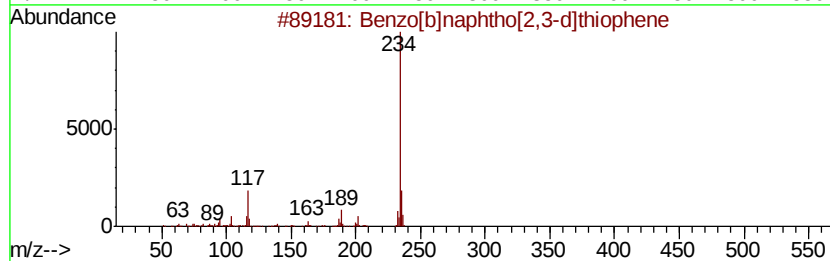
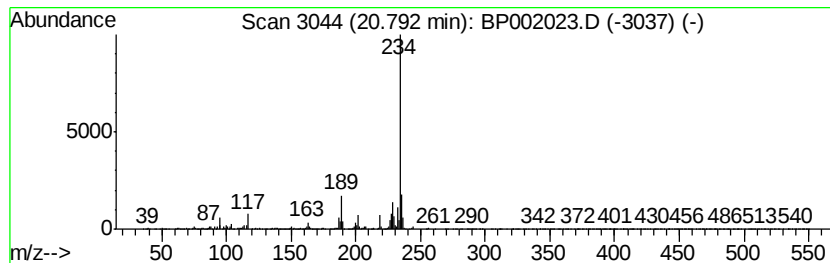
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.79	2.33 ng/ul	1118540	Chrysene-d12	21.13		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3		Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4		Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5		Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
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Operator : CG/JU
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Misc :
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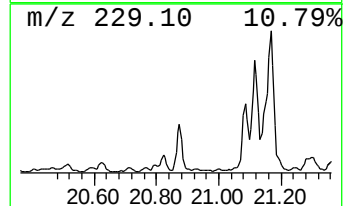
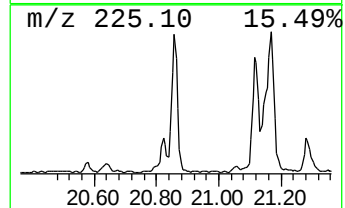
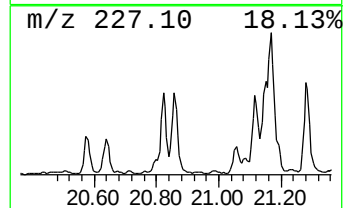
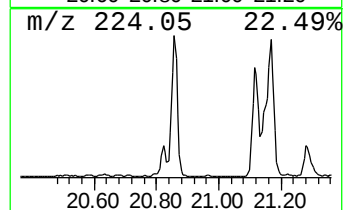
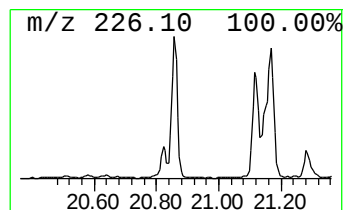
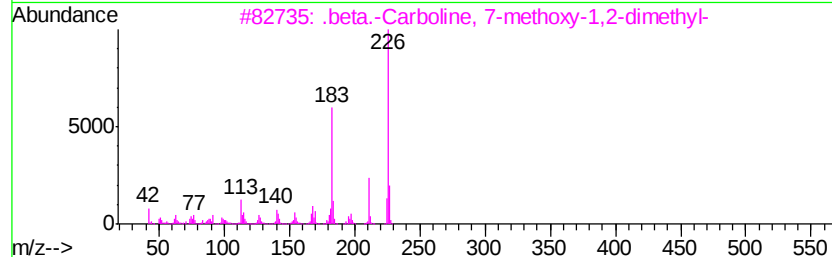
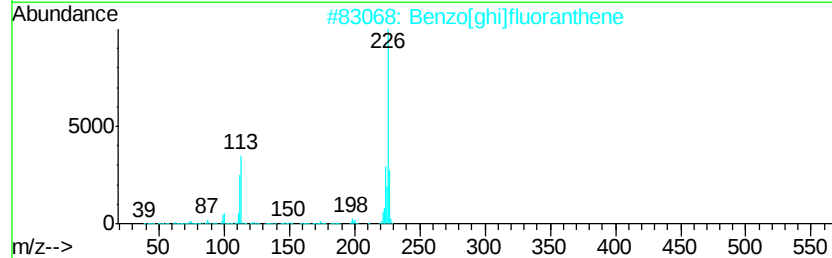
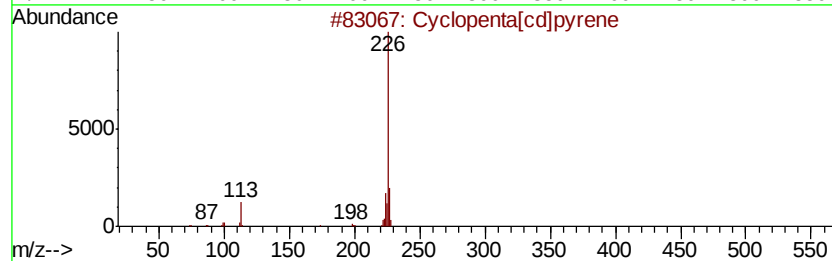
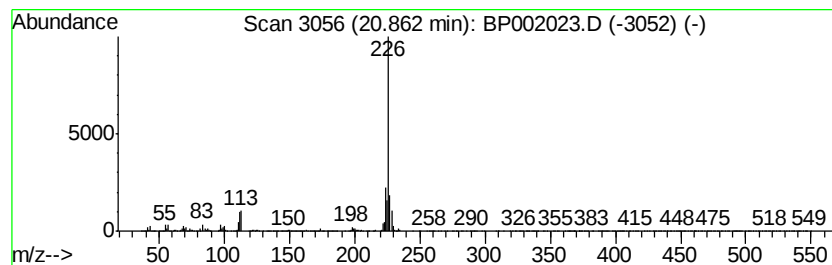
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	3.52 ng/ul	1687420	Chrysene-d12	21.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	95
2		Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3		.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4		1,8-Diazacyclotetradecane-2,7-dione	226	C12H22N2O2	004266-66-4	38
5		9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
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Acq On : 03 Mar 2020 16:11
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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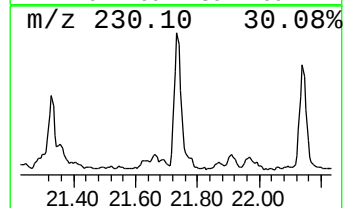
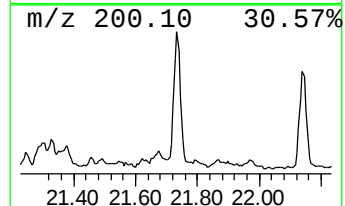
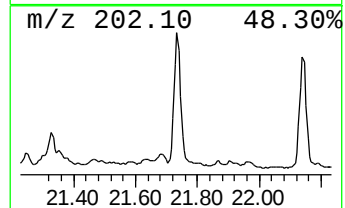
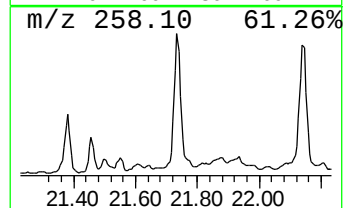
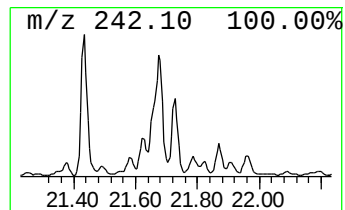
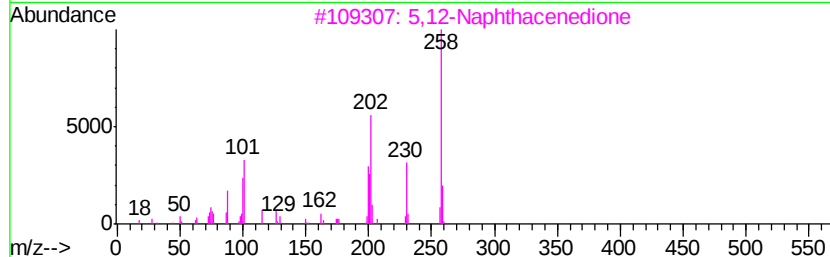
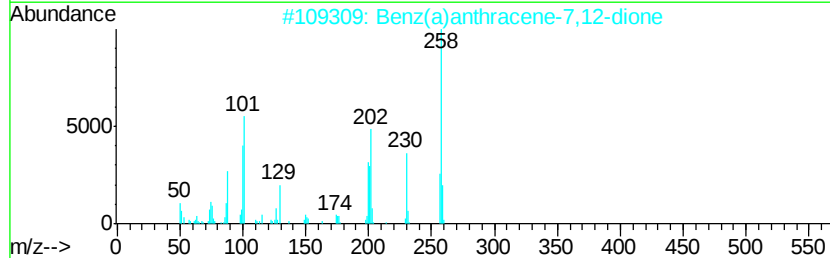
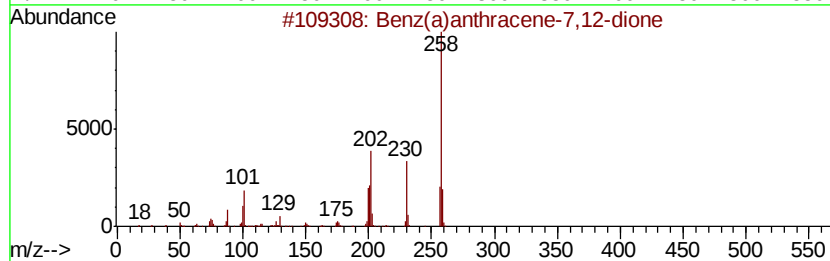
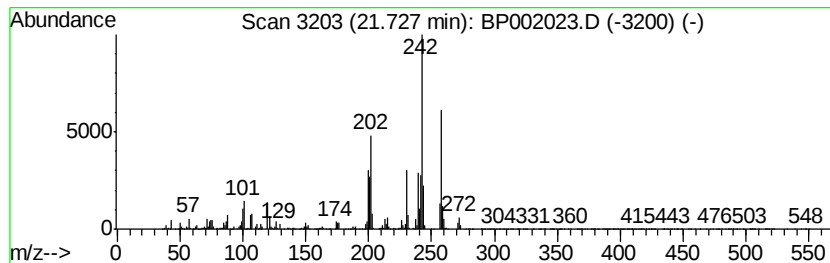
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.73	2.27 ng/ul	1087920	Chrysene-d12	21.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2		Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	93
3		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	86
4		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	78
5		Fluoranthene	202	C16H10	000206-44-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

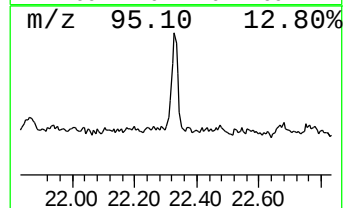
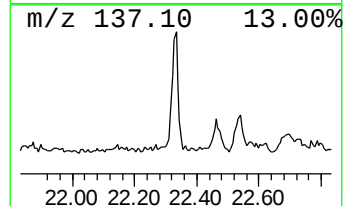
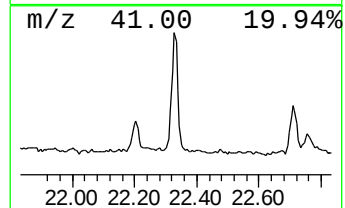
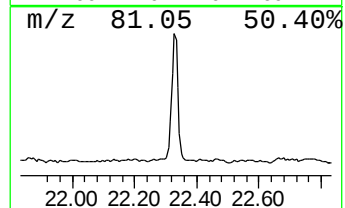
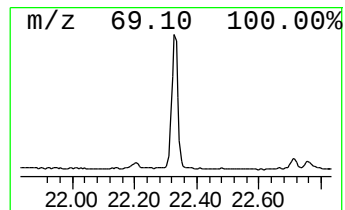
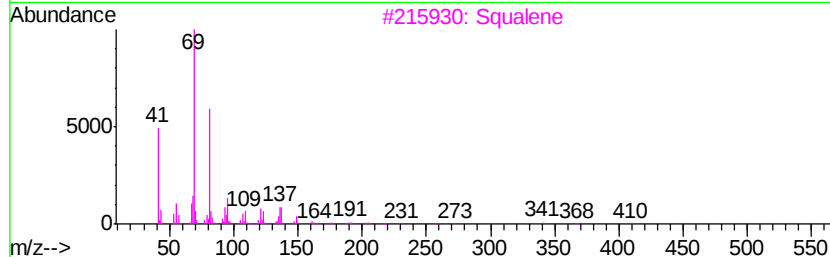
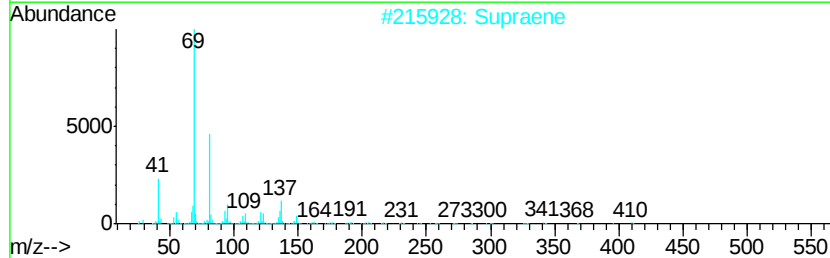
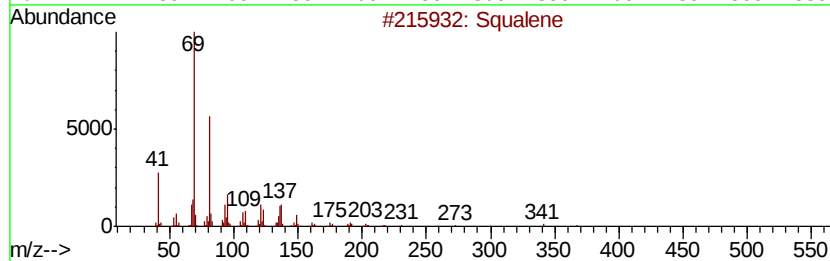
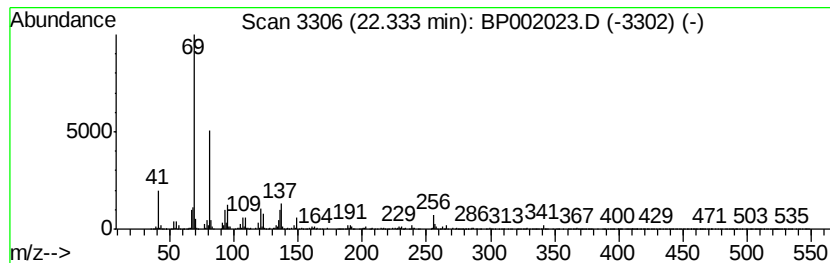
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Squalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	3.02 ng/ul	769296	Perylene-d12	23.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	000111-02-4 87
2	Supraene		410 C30H50	007683-64-9 87
3	Squalene		410 C30H50	000111-02-4 87
4	Squalene		410 C30H50	000111-02-4 83
5	2,6,10,14-Hexadecatetraenoic aci...		332 C22H36O2	024035-35-6 81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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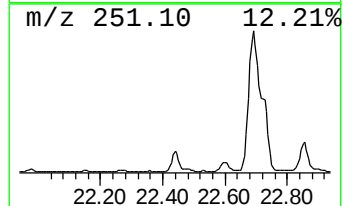
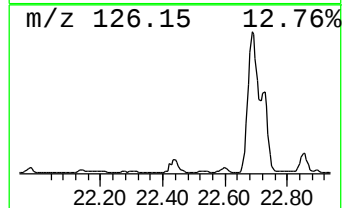
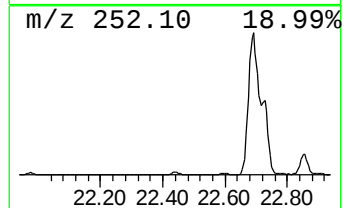
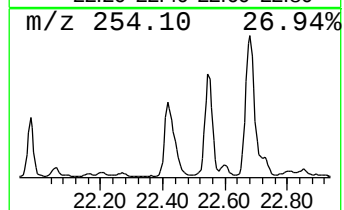
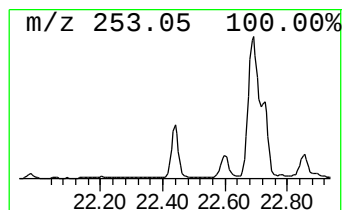
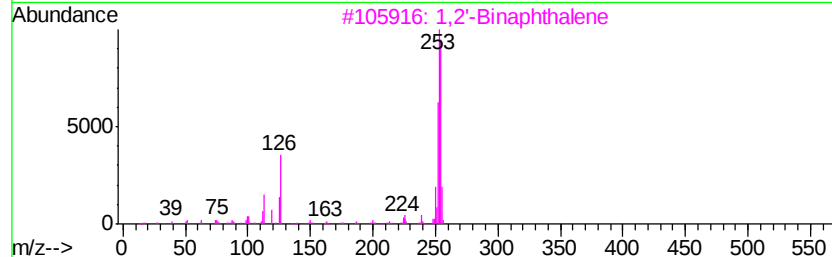
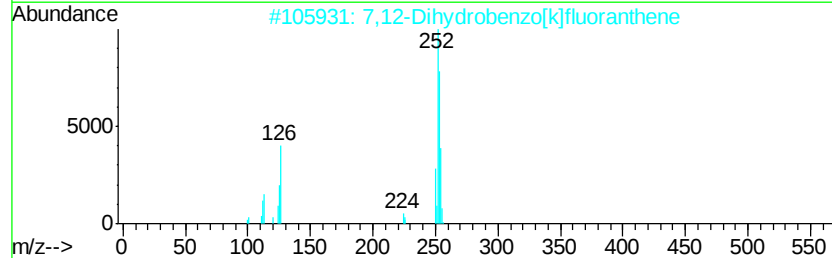
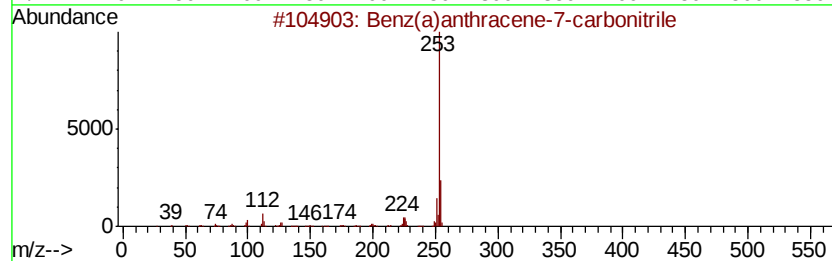
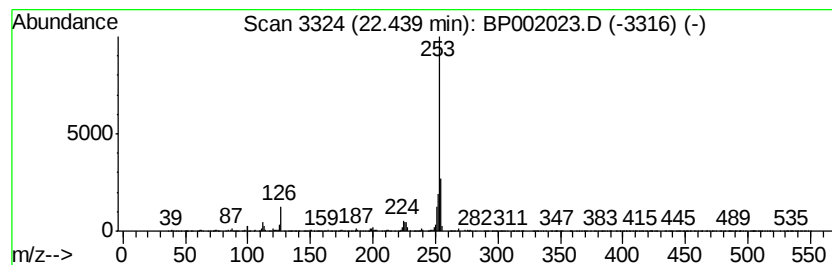
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benz(a)anthracene-7-carboni... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.44	6.06 ng/ul	1541610	Perylene-d12	23.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	94
2			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	42
3			1,2'-Binaphthalene	254	C20H14	004325-74-0	40
4			1,1'-Binaphthalene	254	C20H14	000604-53-5	36
5			9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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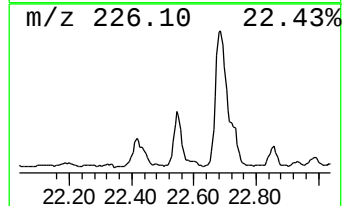
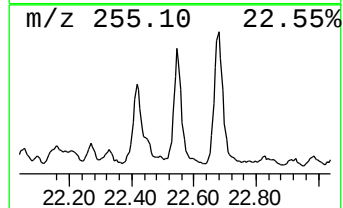
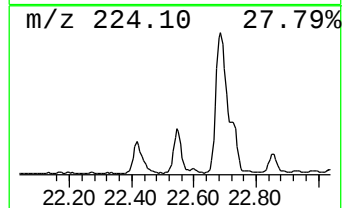
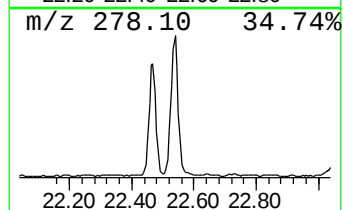
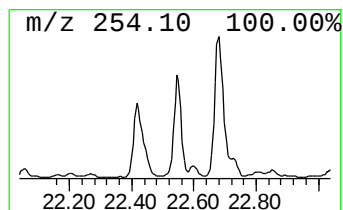
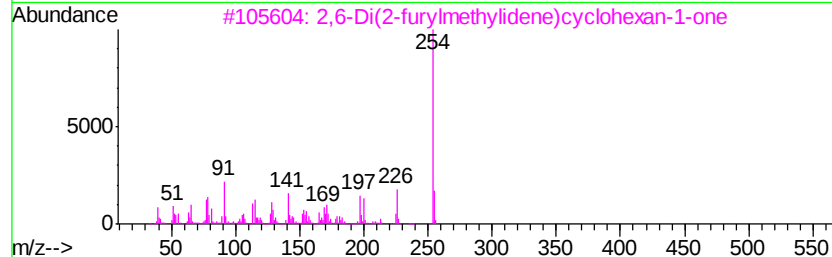
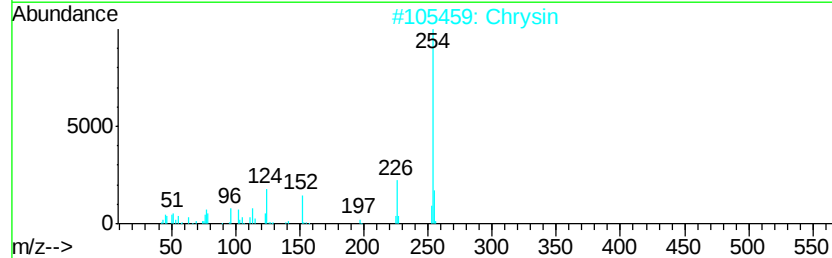
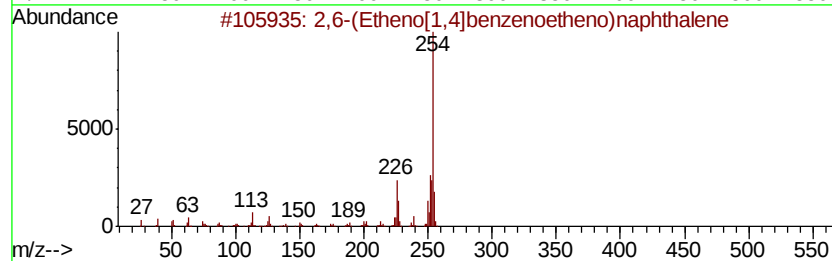
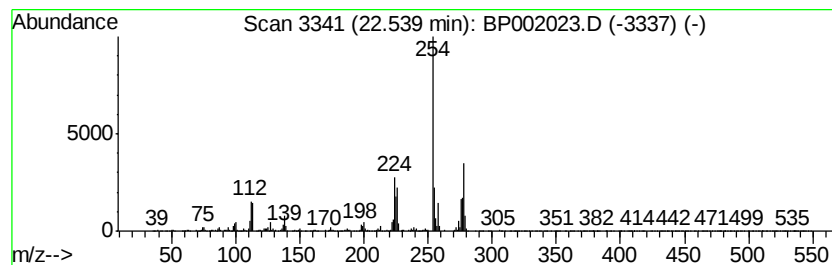
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,6-(Etheno[1,4]benzenoethe... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	3.70 ng/ul	940819	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	50
2		Chrysin	254	C15H10O4	000480-40-0	49
3		2,6-Di(2-furvlmethvlidene)cvcloh...	254	C16H14O3	000893-00-5	47
4		Benzo[alpyrene, 4,5-dihydro-	254	C20H14	057652-66-1	43
5		1,1'-Binaphthalene	254	C20H14	000604-53-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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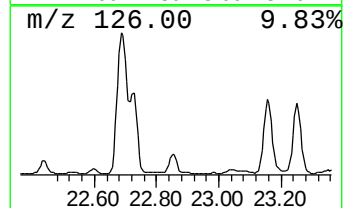
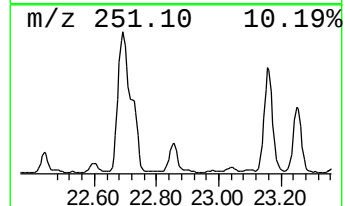
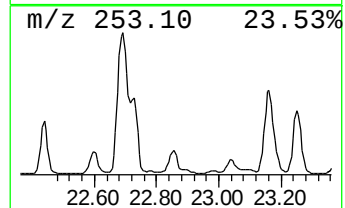
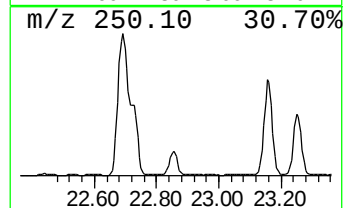
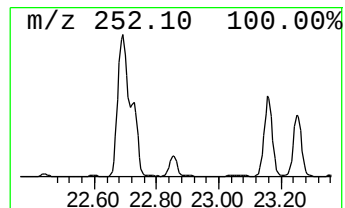
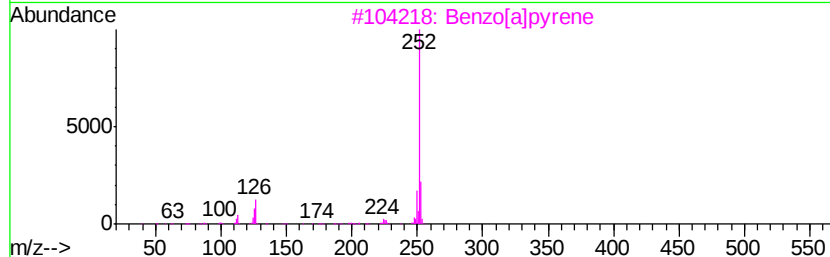
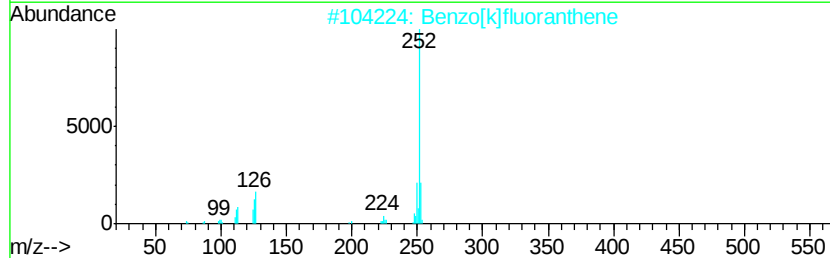
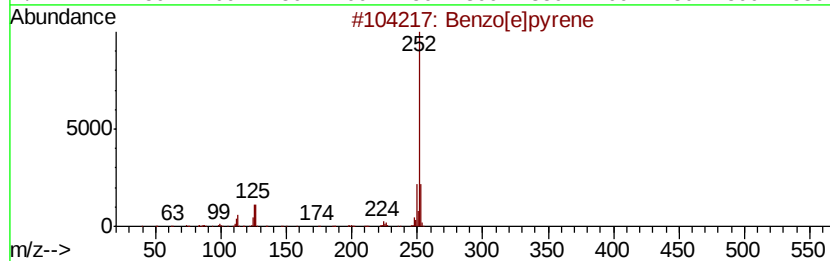
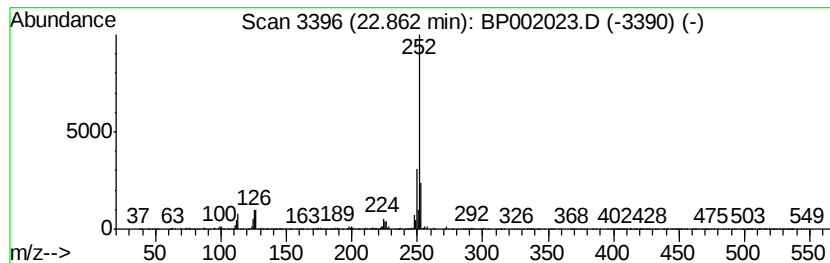
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.86	4.46 ng/ul	1134730	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benzo[a]pyrene	252	C20H12	000050-32-8	90
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Benzo[a]pyrene	252	C20H12	000050-32-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

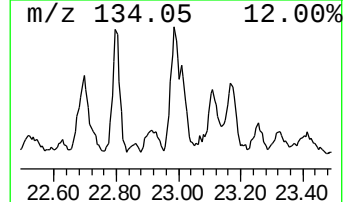
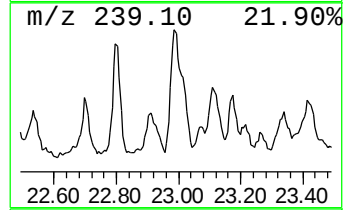
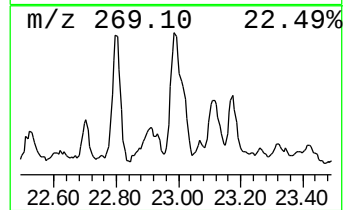
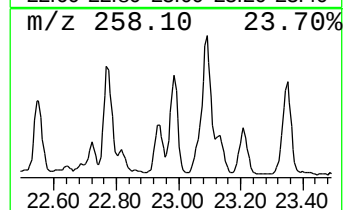
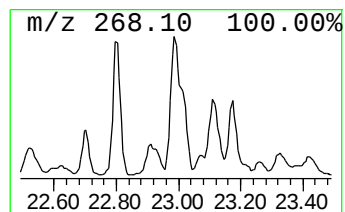
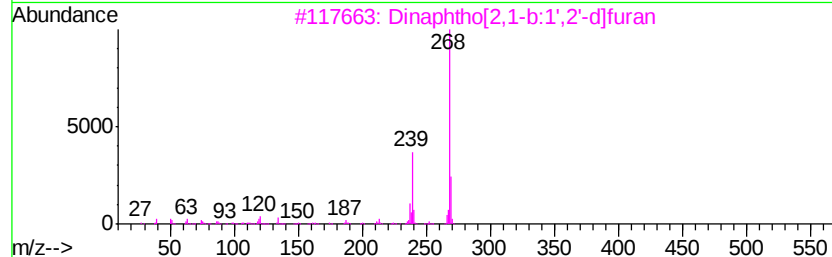
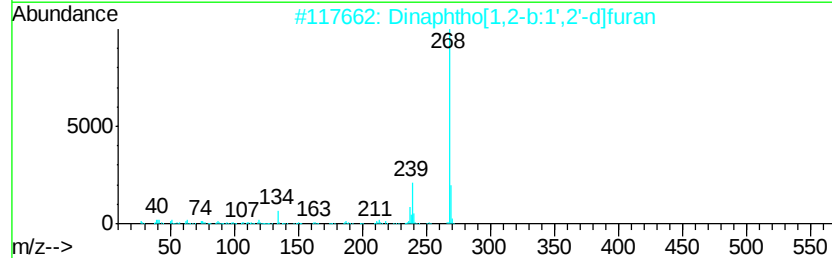
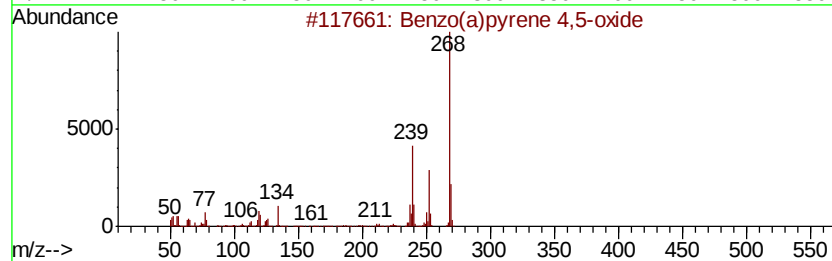
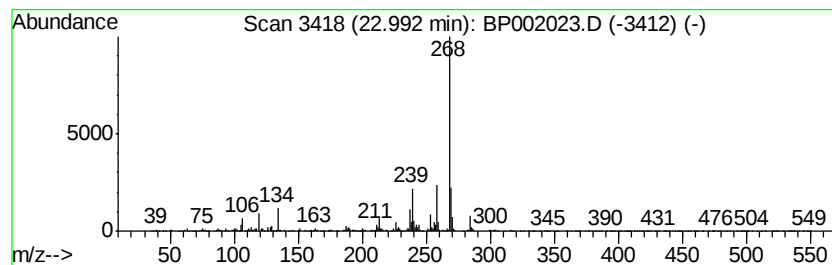
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo(a)pyrene 4,5-oxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	3.89 ng/ul	990679	Perylene-d12	23.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo(a)pyrene 4,5-oxide	268 C20H12O	037574-47-3	81
2	Dinaphtho[1,2-b:1',2'-d]furan	268 C20H12O	000207-93-2	76
3	Dinaphtho[2,1-b:1',2'-d]furan	268 C20H12O	000194-63-8	59
4	10-Hydroxy-5-methoxy-2-methyl-1,...	268 C16H12O4	084542-45-0	58
5	Phenol, 2,2'-[1,2-ethanediylbis(...	268 C16H16N2O2	000094-93-9	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030220\
Data File : BP002023.D
Acq On : 03 Mar 2020 16:11
Operator : CG/JU
Sample : L1616-14DL 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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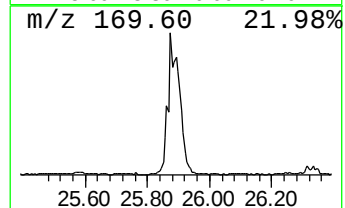
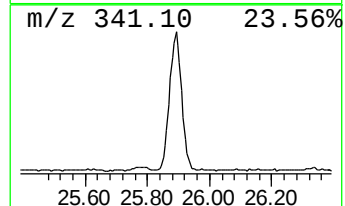
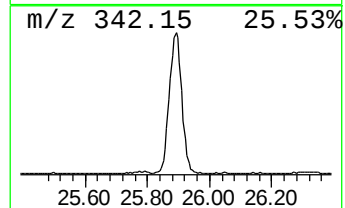
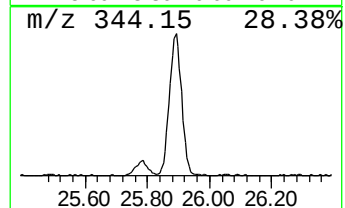
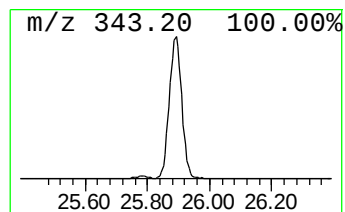
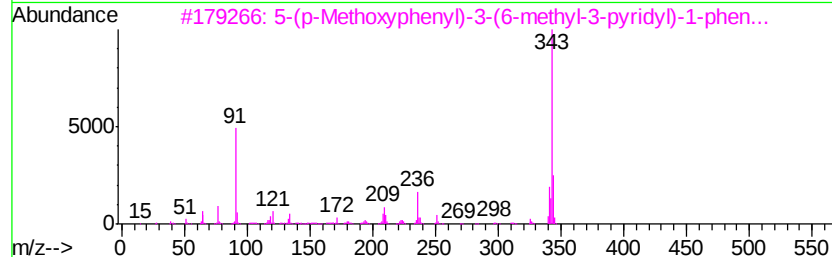
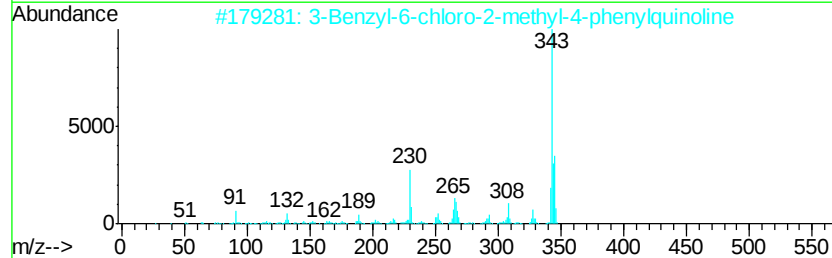
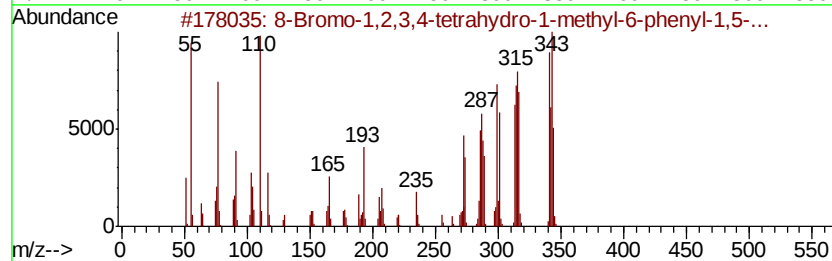
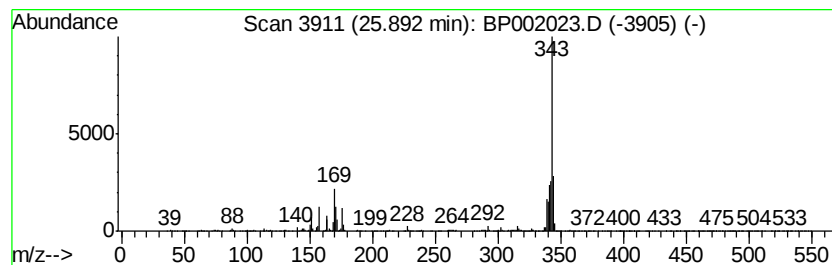
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.89	10.20 ng/ul	2595370	Perylene-d12	23.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Bromo-1,2,3,4-tetrahydro-1-met...	342	C17H15BrN2O	063563-58-6	46
2		3-Benzyl-6-chloro-2-methyl-4-phe...	343	C23H18ClN	022608-97-5	43
3		5-(p-Methoxyphenyl)-3-(6-methyl-...	343	C22H21N3O	010040-61-6	37
4		5-(p-Aminophenyl)-4-(4-biphenylv...	343	C21H17N3S	094863-57-7	32
5		2-(p-Bromophenyl)-8-methyl-8H-th...	341	C17H12BrNS	022315-11-3	28



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP030220\
 Data File : BP002023.D
 Acq On : 03 Mar 2020 16:11
 Operator : CG/JU
 Sample : L1616-14DL 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBDQ8DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.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...	2.92	12.3	ng/ul	1210370	1	7.63	1967580	20.0
Benzene, 1-propynyl-	8.17	2.1	ng/ul	207125	1	7.63	1967580	20.0
n-Hexadecanoic acid	17.96	2.4	ng/ul	534604	4	17.03	4463500	20.0
9,10-Anthracenedione	18.43	2.5	ng/ul	547350	4	17.03	4463500	20.0
Cyclopenta(def)ph...	18.93	2.5	ng/ul	552787	4	17.03	4463500	20.0
9-Anthracenecarbo...	19.64	3.0	ng/ul	1418760	5	21.13	9589680	20.0
Pyrene, 1-methyl-	20.04	2.2	ng/ul	1050040	5	21.13	9589680	20.0
Benzo[b]naphtho[2...	20.79	2.3	ng/ul	1118540	5	21.13	9589680	20.0
Cyclopenta[cd]pyrene	20.86	3.5	ng/ul	1687420	5	21.13	9589680	20.0
Benz(a)anthracene...	21.73	2.3	ng/ul	1087920	5	21.13	9589680	20.0
Squalene	22.33	3.0	ng/ul	769296	6	23.35	5087130	20.0
Benz(a)anthracene...	22.44	6.1	ng/ul	1541610	6	23.35	5087130	20.0
2,6-(Etheno[1,4]b...	22.54	3.7	ng/ul	940819	6	23.35	5087130	20.0
Benzo[e]pyrene	22.86	4.5	ng/ul	1134730	6	23.35	5087130	20.0
Benzo(a)pyrene 4,...	22.99	3.9	ng/ul	990679	6	23.35	5087130	20.0
unknown-01	25.89	10.2	ng/ul	2595370	6	23.35	5087130	20.0