

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
 Data File : BG046996.D
 Acq On : 20 Oct 2020 12:17
 Operator : CG/JU
 Sample : L4425-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 X2P72

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-BG101520MA.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	3.473	19	23	30	rVB2	14135	21588	1.03%	0.069%
2	3.825	79	83	90	rVV3	5561	8966	0.43%	0.029%
3	4.237	147	153	159	rBV	48923	78913	3.76%	0.251%
4	4.554	201	207	213	rBV2	18694	28336	1.35%	0.090%
5	5.153	304	309	315	rBV	44926	70556	3.36%	0.225%
6	6.240	486	494	501	rBV	49068	80808	3.85%	0.257%
7	6.416	518	524	534	rVB3	22056	35497	1.69%	0.113%
8	7.057	628	633	637	rVV4	3962	6698	0.32%	0.021%
9	7.221	653	661	674	rBV	292987	510062	24.30%	1.625%
10	7.386	681	689	698	rBV	196739	331432	15.79%	1.056%
11	7.462	698	702	708	rBV5	5951	13025	0.62%	0.041%
12	7.597	718	725	732	rBV	277122	472931	22.53%	1.507%
13	8.067	798	805	814	rVB	190675	319465	15.22%	1.018%
14	8.767	915	924	937	rBV2	358443	610242	29.08%	1.944%
15	8.884	937	944	953	rBV	313622	543875	25.91%	1.733%
16	9.154	984	990	996	rVV2	160153	281725	13.42%	0.897%
17	9.231	996	1003	1007	rVV	254947	493045	23.49%	1.571%
18	9.272	1007	1010	1019	rVB2	140449	223590	10.65%	0.712%
19	9.648	1070	1074	1076	rBV3	3685	4525	0.22%	0.014%
20	9.953	1119	1126	1135	rVV	255492	437311	20.84%	1.393%
21	10.494	1209	1218	1227	rBV	386288	669328	31.89%	2.132%
22	10.882	1274	1284	1288	rBV	255976	460700	21.95%	1.468%
23	10.929	1288	1292	1299	rVV	187709	318737	15.19%	1.015%
24	11.005	1299	1305	1314	rVV	261554	476802	22.72%	1.519%
25	12.386	1533	1540	1548	rBV2	53558	89035	4.24%	0.284%
26	12.456	1548	1552	1558	rVV3	6984	11810	0.56%	0.038%
27	12.533	1558	1565	1572	rVV	221021	368175	17.54%	1.173%
28	12.750	1597	1602	1608	rBV2	6203	10154	0.48%	0.032%
29	12.897	1620	1627	1635	rBV	433983	699345	33.32%	2.228%
30	13.167	1665	1673	1677	rBV3	3756	6782	0.32%	0.022%
31	14.096	1825	1831	1838	rBV	713912	1017801	48.50%	3.242%
32	14.395	1874	1882	1891	rVB	721394	1177135	56.09%	3.750%
33	14.701	1927	1934	1939	rBV	438814	684868	32.63%	2.182%
34	14.760	1939	1944	1951	rVB	392196	608355	28.99%	1.938%

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
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35	14.877	1955	1964	1974	rBV	314644	535002	25.49%	1.704%
36	15.688	2095	2102	2111	rBV	1023898	1502342	71.58%	4.786%
37	15.800	2114	2121	2128	rBV	322551	469816	22.39%	1.497%
38	15.946	2138	2146	2152	rBV	862980	1227940	58.51%	3.912%
39	16.475	2227	2236	2241	rBV6	5674	9836	0.47%	0.031%
40	16.646	2259	2265	2270	rVB3	11292	17261	0.82%	0.055%
41	17.262	2366	2370	2376	rVB2	13044	18833	0.90%	0.060%
42	17.445	2389	2401	2404	rBV	573118	873797	41.63%	2.784%
43	17.486	2404	2408	2413	rVV	865612	1248550	59.49%	3.977%
44	17.545	2413	2418	2421	rVV	1096122	1677811	79.94%	5.345%
45	17.574	2421	2423	2433	rVV	336458	454263	21.64%	1.447%
46	17.815	2460	2464	2467	rBV2	3253	4779	0.23%	0.015%
47	17.915	2473	2481	2490	rVV	826192	1145144	54.56%	3.648%
48	18.684	2607	2612	2616	rVB3	4300	6517	0.31%	0.021%
49	18.796	2625	2631	2636	rBV2	25831	43832	2.09%	0.140%
50	18.849	2636	2640	2647	rVB	149880	216304	10.31%	0.689%
51	19.084	2676	2680	2686	rBV	8702	11983	0.57%	0.038%
52	19.460	2738	2744	2749	rBV	14087	21887	1.04%	0.070%
53	19.713	2784	2787	2793	rBV2	13578	24965	1.19%	0.080%
54	19.760	2793	2795	2798	rVB2	4703	5706	0.27%	0.018%
55	19.824	2799	2806	2809	rBV	1414403	2098735	100.00%	6.686%
56	20.259	2877	2880	2882	rBV3	3785	5519	0.26%	0.018%
57	20.711	2952	2957	2961	rBV7	9505	16954	0.81%	0.054%
58	21.052	3013	3015	3020	rVB5	10243	12477	0.59%	0.040%
59	21.270	3051	3052	3054	rBV2	7740	6116	0.29%	0.019%
60	21.287	3054	3055	3058	rVV3	6790	6971	0.33%	0.022%
61	21.416	3075	3077	3080	rVB4	4941	4443	0.21%	0.014%
62	21.710	3120	3127	3131	rBV	583701	952199	45.37%	3.033%
63	21.757	3131	3135	3146	rVV	752191	1196518	57.01%	3.812%
64	21.845	3148	3150	3153	rBV3	5283	5856	0.28%	0.019%
65	22.227	3214	3215	3218	rBV3	6824	4713	0.22%	0.015%
66	22.421	3246	3248	3250	rBV3	4815	4915	0.23%	0.016%
67	22.515	3260	3264	3268	rBV5	9345	12410	0.59%	0.040%
68	23.067	3356	3358	3361	rBV4	4741	4532	0.22%	0.014%
69	23.114	3364	3366	3368	rBV3	6302	5792	0.28%	0.018%
70	23.214	3379	3383	3390	rVB8	11935	22731	1.08%	0.072%
71	23.426	3417	3419	3424	rBV6	4109	7353	0.35%	0.023%

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72	23.820	3484	3486	3490	rVB5	9967	10377	0.49%	0.033%
73	23.919	3495	3503	3509	rVV	373196	930629	44.34%	2.965%
74	23.990	3509	3515	3526	rVB	312414	742188	35.36%	2.364%
75	24.160	3541	3544	3545	rBV3	4926	5025	0.24%	0.016%
76	24.730	3630	3641	3649	rBV	673422	1863484	88.79%	5.936%
77	24.795	3649	3652	3663	rVB2	111296	268929	12.81%	0.857%
78	24.953	3669	3679	3690	rVB	327675	939472	44.76%	2.993%
79	25.459	3763	3765	3767	rBV3	4939	4518	0.22%	0.014%
80	25.711	3798	3808	3820	rBB2	144289	434634	20.71%	1.385%
81	25.923	3841	3844	3847	rBV4	4836	8917	0.42%	0.028%
82	26.011	3856	3859	3861	rBV4	6092	6557	0.31%	0.021%
83	26.082	3868	3871	3872	rBV3	8084	9065	0.43%	0.029%
84	26.123	3872	3878	3887	rVB10	20658	62796	2.99%	0.200%
85	26.575	3950	3955	3957	rBV5	24792	40005	1.91%	0.127%
86	26.669	3969	3971	3976	rBV6	6518	4908	0.23%	0.016%
87	27.392	4092	4094	4097	rBV3	5496	4808	0.23%	0.015%
88	27.492	4103	4111	4113	rBV6	19862	43490	2.07%	0.139%
89	27.874	4174	4176	4179	rVB4	8611	8355	0.40%	0.027%
90	27.903	4179	4181	4184	rBV3	4952	5576	0.27%	0.018%
91	28.620	4301	4303	4304	rBV2	6986	5789	0.28%	0.018%
92	29.019	4369	4371	4372	rBV2	6179	4658	0.22%	0.015%
93	29.254	4409	4411	4412	rBV2	5393	4857	0.23%	0.015%
94	29.801	4489	4504	4521	rVB3	190447	886194	42.23%	2.823%
95	30.247	4579	4580	4581	rBV	7399	4543	0.22%	0.014%
96	30.324	4591	4593	4595	rVB3	9146	5964	0.28%	0.019%
97	30.876	4685	4687	4689	rVB3	5227	4568	0.22%	0.015%
98	30.899	4689	4691	4692	rBV2	7047	5351	0.25%	0.017%
99	31.499	4789	4793	4794	rBV4	5606	6118	0.29%	0.019%
100	31.887	4855	4859	4861	rBV4	6767	12354	0.59%	0.039%

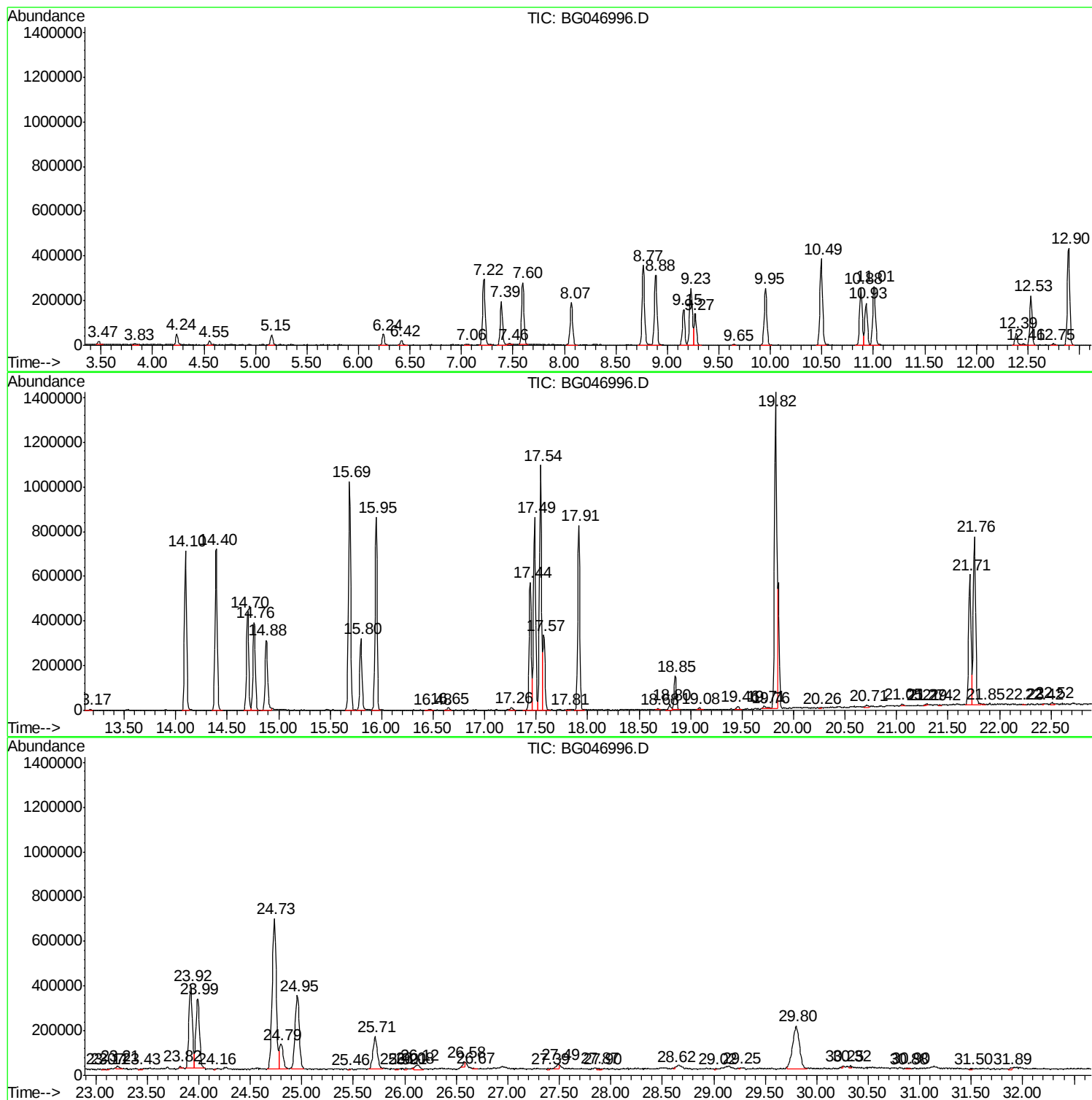
Sum of corrected areas: 31390548

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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



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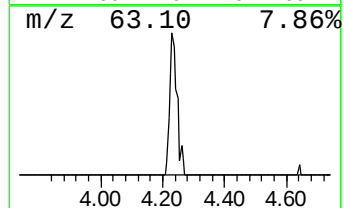
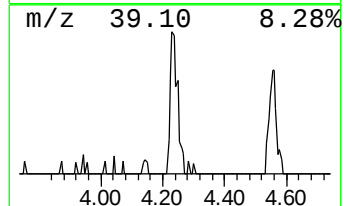
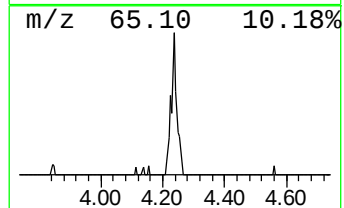
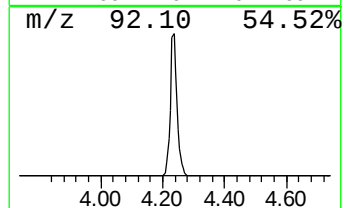
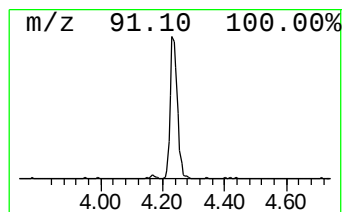
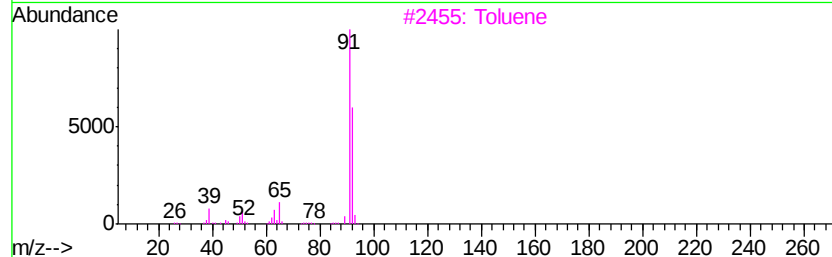
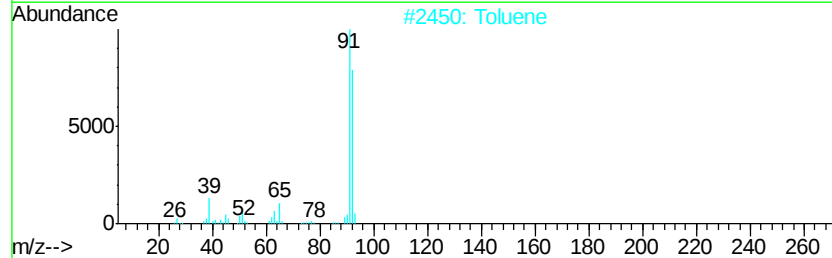
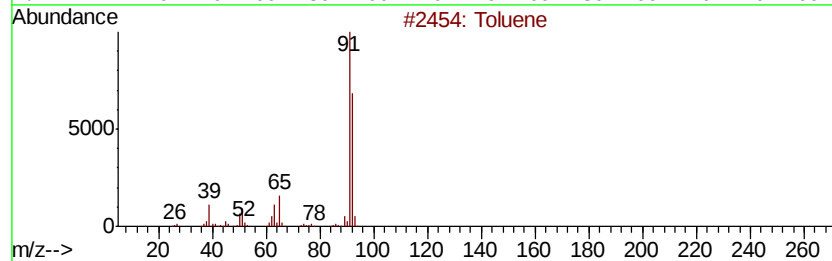
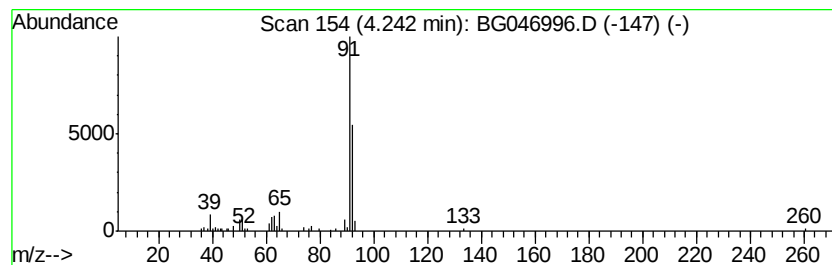
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Toluene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	4.94 ng/ul	78913	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Toluene	92	C7H8	000108-88-3	90
2		Toluene	92	C7H8	000108-88-3	90
3		Toluene	92	C7H8	000108-88-3	90
4		Toluene	92	C7H8	000108-88-3	87
5		1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87



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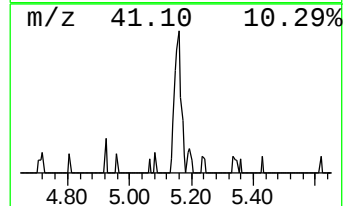
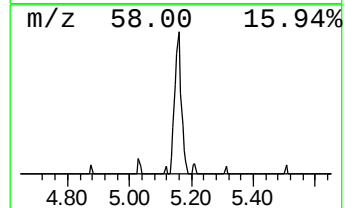
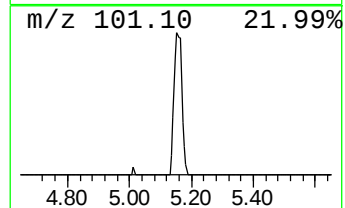
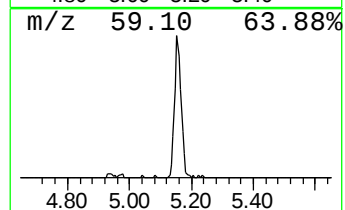
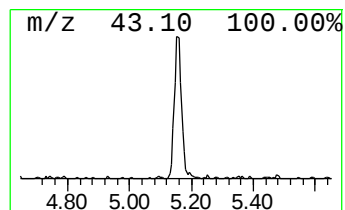
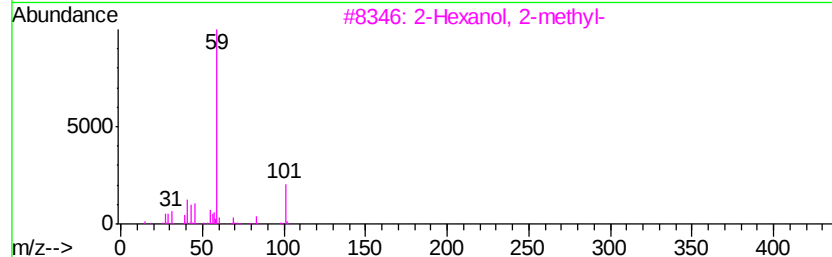
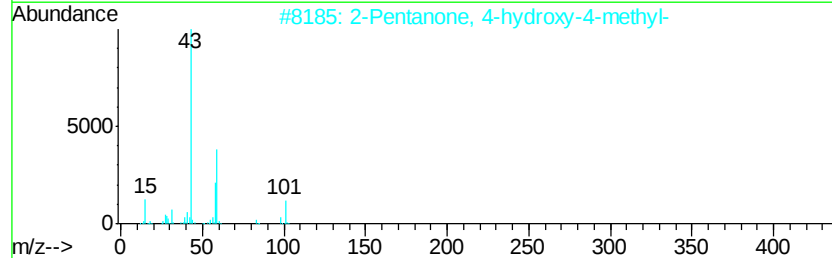
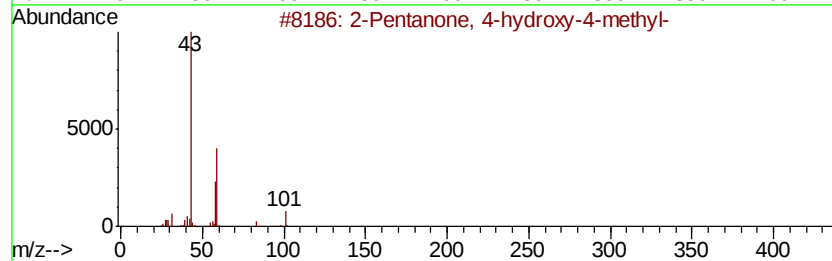
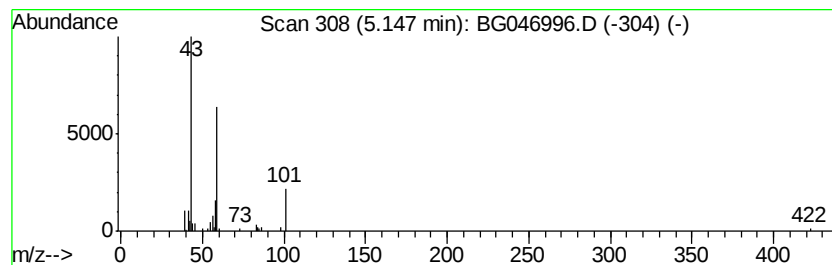
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	4.42 ng/ul	70556	1,4-Dichlorobenzene-d4	8.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23



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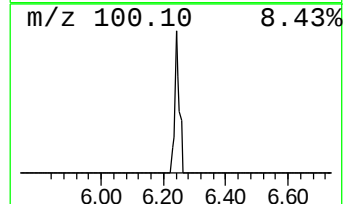
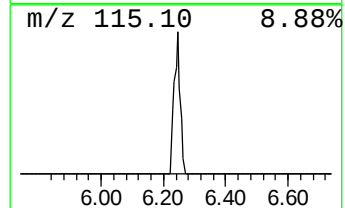
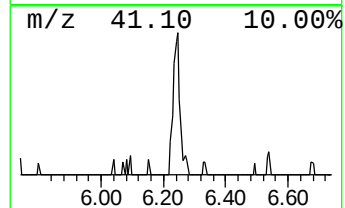
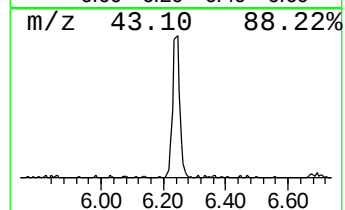
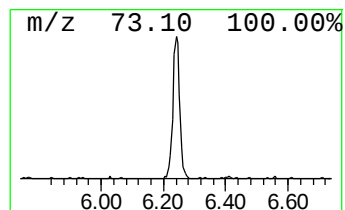
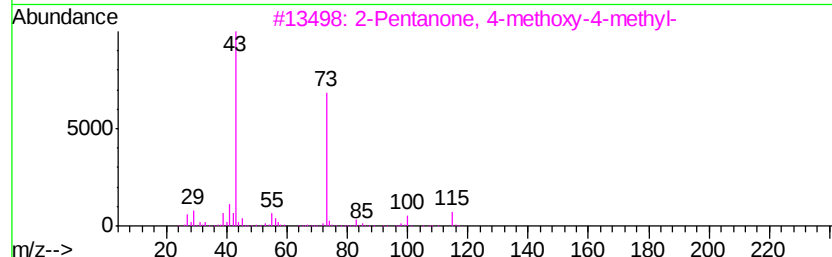
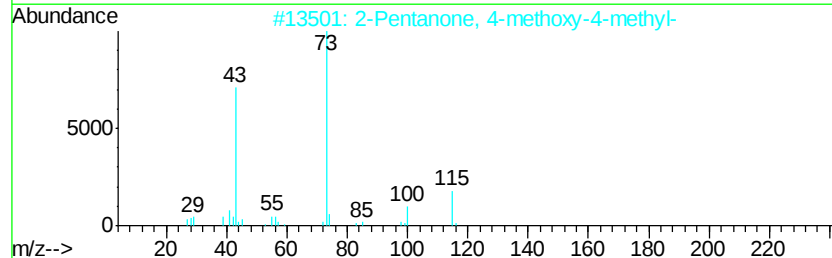
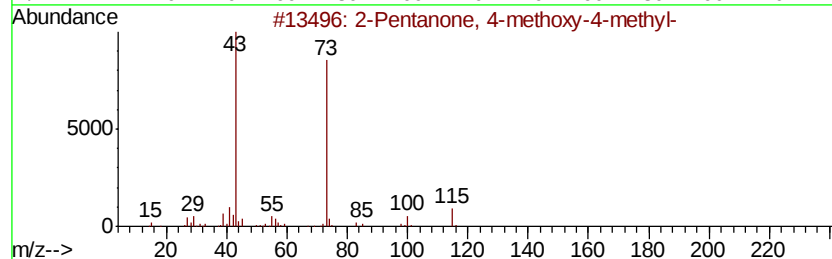
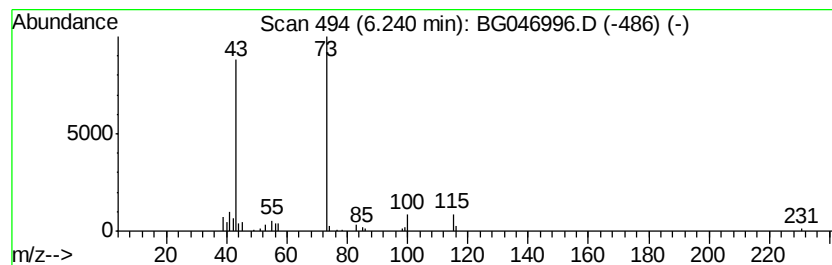
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TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.24	5.06 ng/ul	80808	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	72
2		2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	72
3		2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	53
4		2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	36
5		Pentanoic acid, 4-oxo-	116	C5H8O3	000123-76-2	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG046996.D
Acq On : 20 Oct 2020 12:17
Operator : CG/JU
Sample : L4425-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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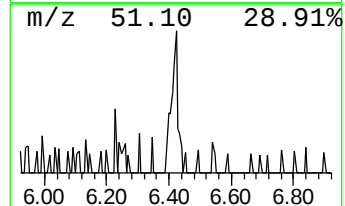
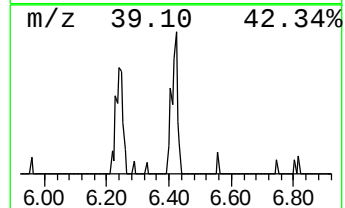
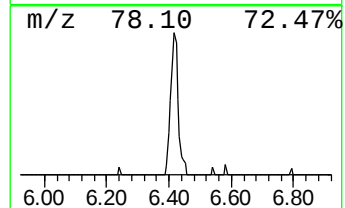
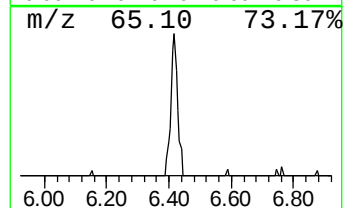
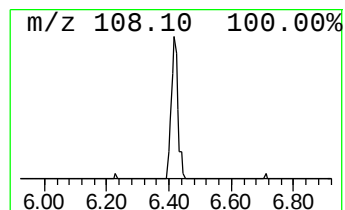
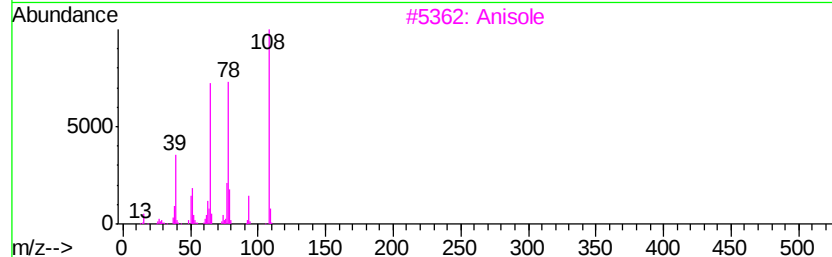
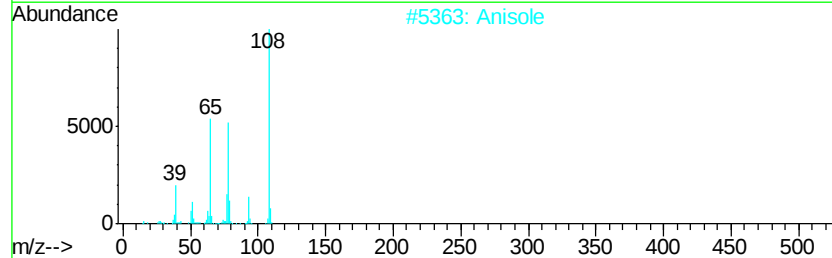
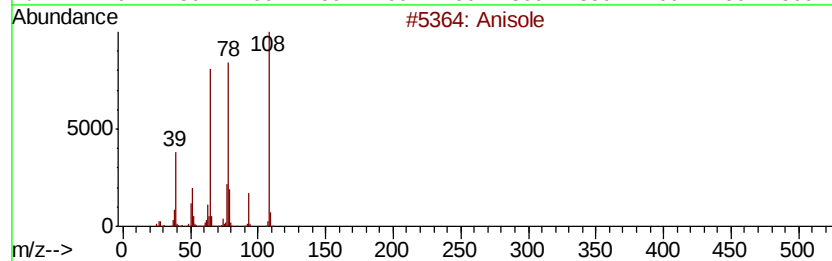
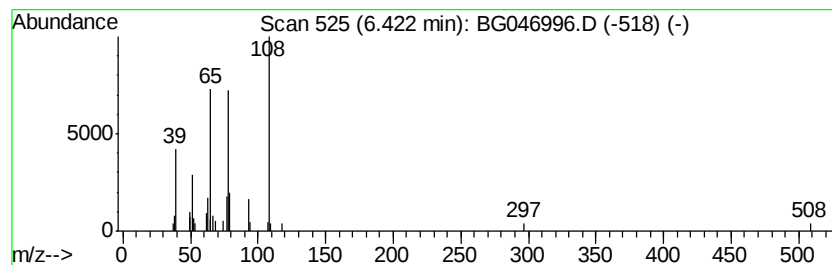
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anisole Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	2.22 ng/ul	35497	1,4-Dichlorobenzene-d4	8.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anisole	108	C7H8O	000100-66-3	96
2		Anisole	108	C7H8O	000100-66-3	91
3		Anisole	108	C7H8O	000100-66-3	90
4		3-Buten-2-one, 4-(2-furanvl)-	136	C8H8O2	000623-15-4	40
5		1,3,2-Dioxathiolane, 2-oxide	108	C2H4O3S	003741-38-6	39



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG046996.D
Acq On : 20 Oct 2020 12:17
Operator : CG/JU
Sample : L4425-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
X2P72

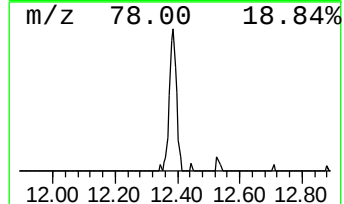
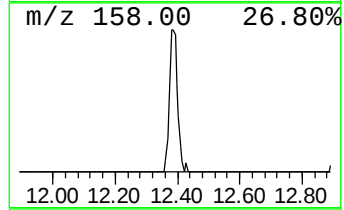
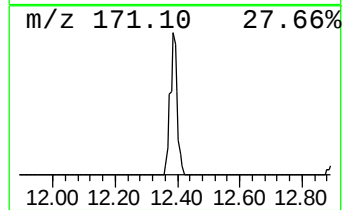
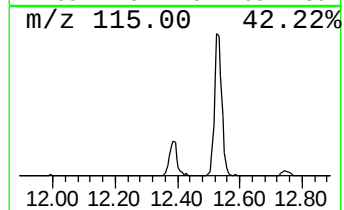
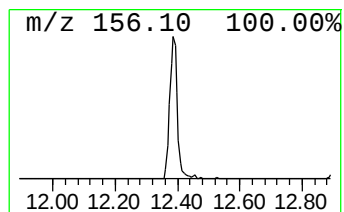
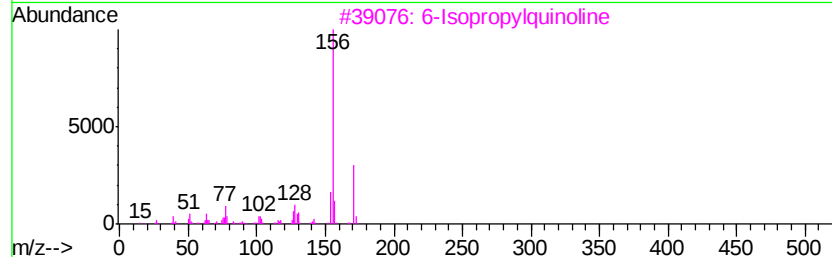
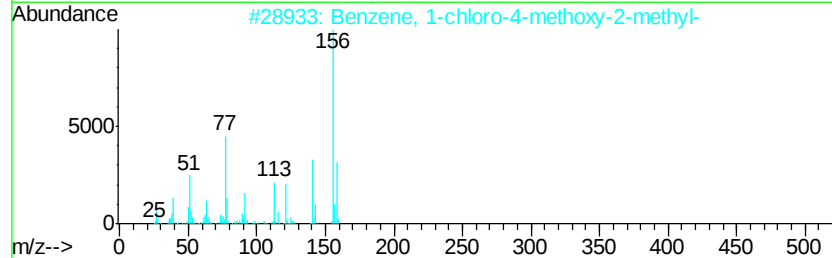
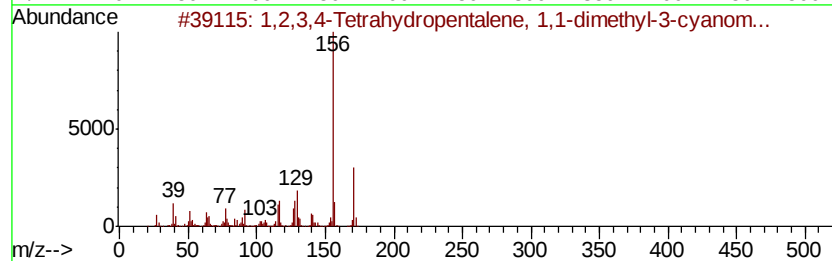
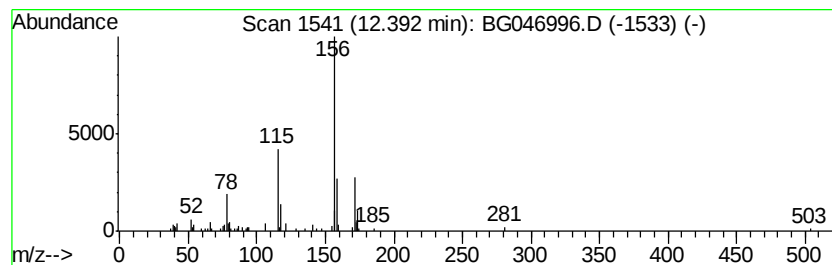
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	3.87 ng/ul	89035	Naphthalene-d8	10.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	38
2		Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	32
3		6-Isopropylquinoline	171	C12H13N	000135-79-5	32
4		Tebuthiuron	228	C9H16N4OS	034014-18-1	23
5		1-Propanone, 1-(1-cyclohexenyl)-...	280	C18H20N2O	1000350-16-2	23



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
Data File : BG046996.D
Acq On : 20 Oct 2020 12:17
Operator : CG/JU
Sample : L4425-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

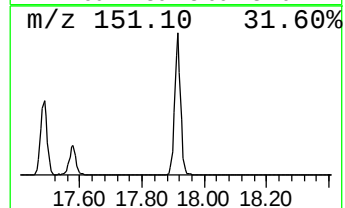
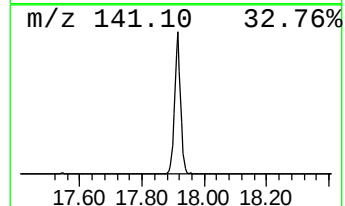
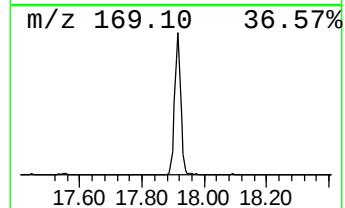
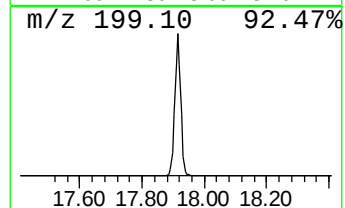
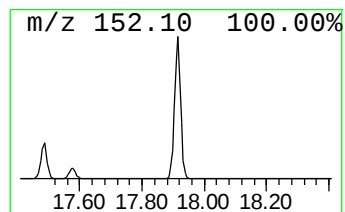
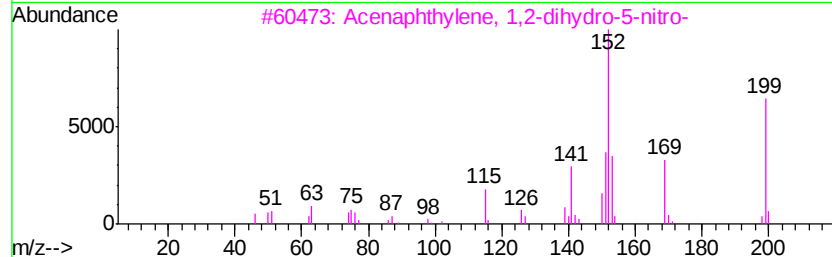
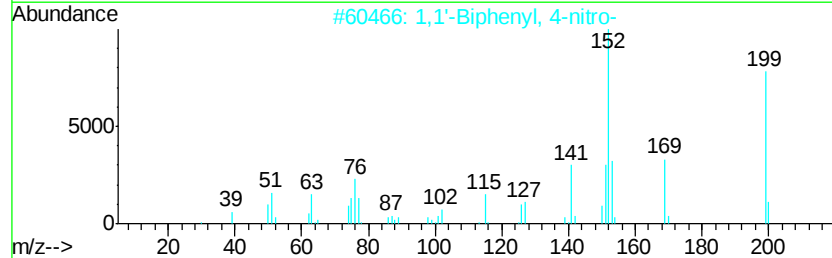
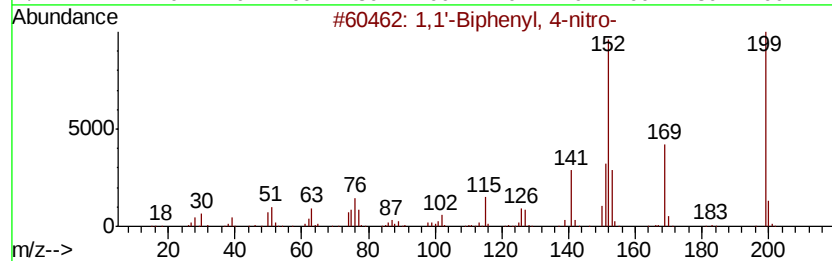
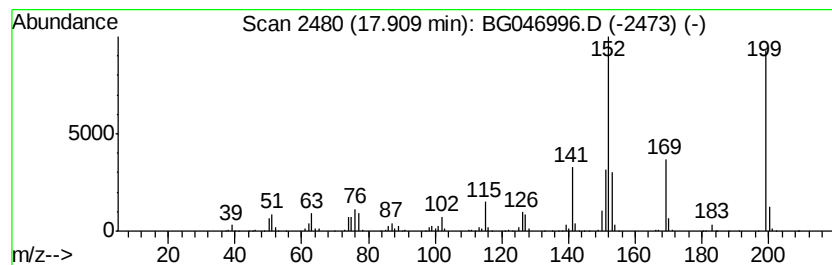
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 4-nitro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.91	26.21 ng/ul	1145140	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	97
3	Acenaphthylene, 1,2-dihydro-5-ni...	199	C12H9NO2	000602-87-9	91
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102020\
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Operator : CG/JU
Sample : L4425-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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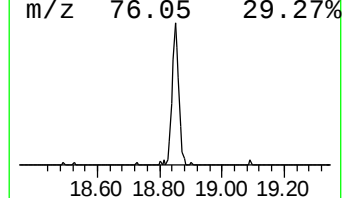
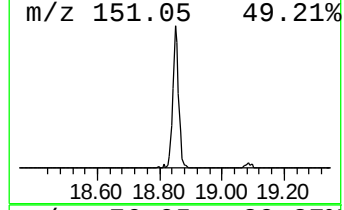
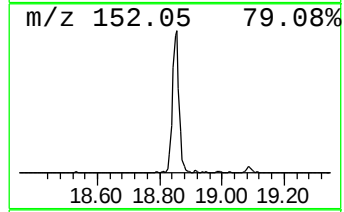
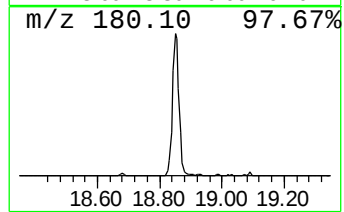
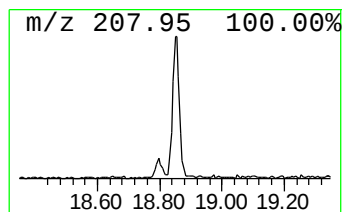
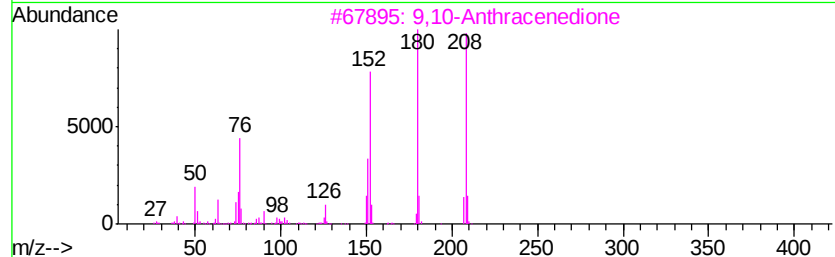
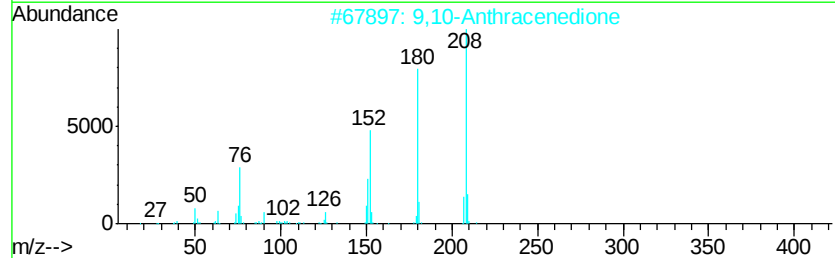
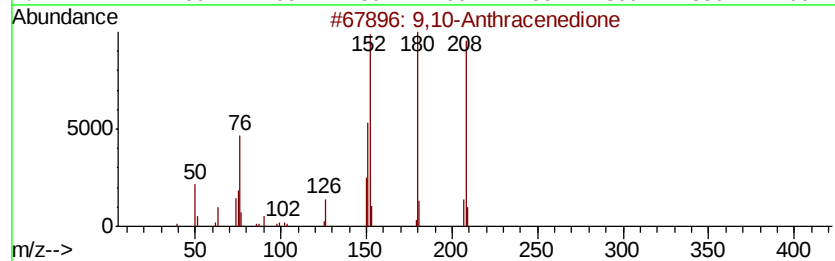
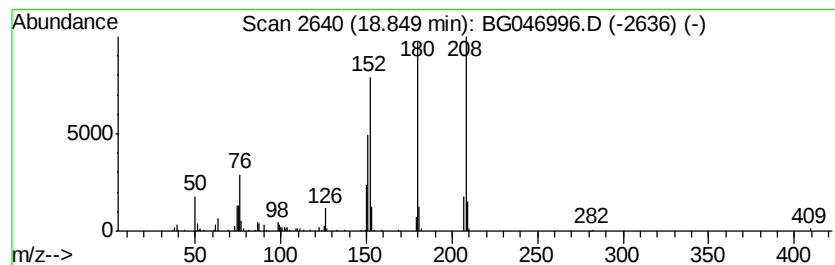
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.95 ng/ul	216304	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	91
4			9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
5			Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	80



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Misc :
ALS Vial : 4 Sample Multiplier: 1

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ClientSampleId :
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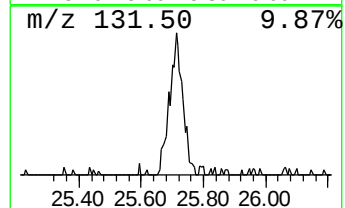
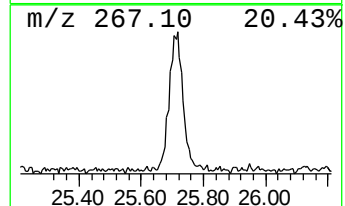
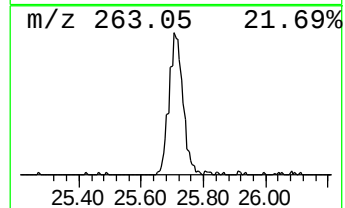
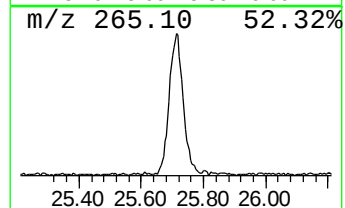
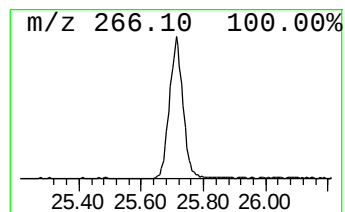
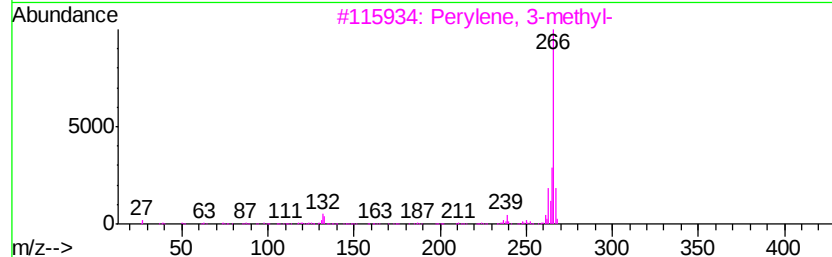
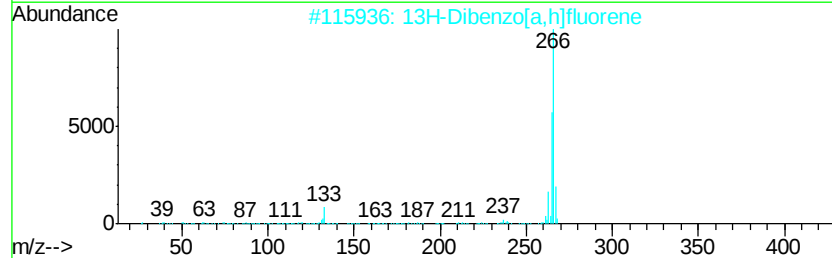
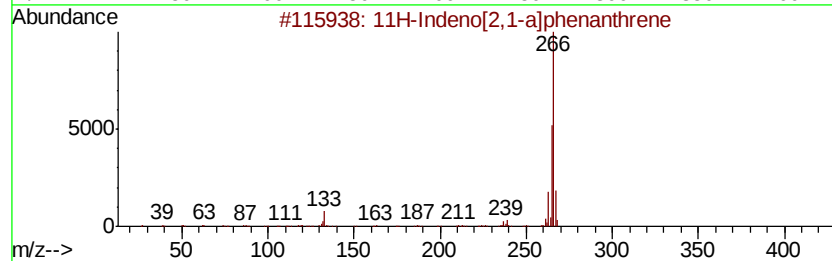
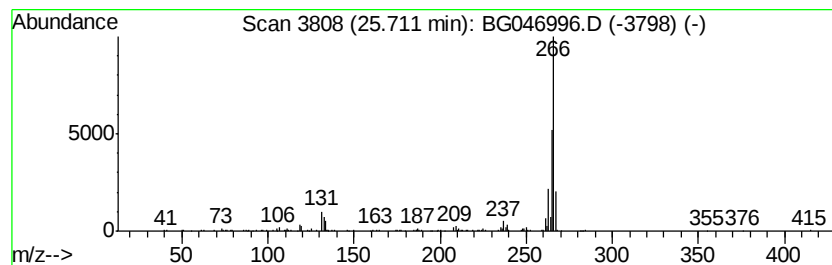
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Indeno[2,1-a]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	9.25 ng/ul	434634	Perylene-d12	24.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	90
2		13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	81
3		Perylene, 3-methyl-	266	C21H14	024471-47-4	58
4		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	53
5		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	52



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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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
Toluene	4.24	4.9	ng/ul	78913	1	8.07	319465	20.0
2-Pentanone, 4-hy...	5.15	4.4	ng/ul	70556	1	8.07	319465	20.0
2-Pentanone, 4-me...	6.24	5.1	ng/ul	80808	1	8.07	319465	20.0
Anisole	6.42	2.2	ng/ul	35497	1	8.07	319465	20.0
unknown-01	12.39	3.9	ng/ul	89035	2	10.88	460700	20.0
1,1'-Biphenyl, 4-...	17.91	26.2	ng/ul	1145140	4	17.44	873797	20.0
9,10-Anthracenedione	18.85	5.0	ng/ul	216304	4	17.44	873797	20.0
11H-Indeno[2,1-a]...	25.71	9.3	ng/ul	434634	6	24.95	939472	20.0