

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
 Data File : BG042204.D
 Acq On : 14 Aug 2019 10:37
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P1

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-BG080319MA.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	3.141	4	9	28	rVB	2029929	3260067	59.41%	3.796%
2	7.177	687	696	708	rBV	301578	585795	10.67%	0.682%
3	7.342	716	724	740	rBV	230947	405022	7.38%	0.472%
4	7.553	751	760	772	rBV	349176	610406	11.12%	0.711%
5	8.023	830	840	849	rBV	284513	499526	9.10%	0.582%
6	8.734	953	961	977	rBV2	412404	754293	13.74%	0.878%
7	9.193	1031	1039	1048	rBV	311504	562707	10.25%	0.655%
8	9.921	1155	1163	1172	rBV	276635	513111	9.35%	0.597%
9	10.468	1247	1256	1274	rBV	453563	879305	16.02%	1.024%
10	10.850	1311	1321	1326	rBV	411692	774207	14.11%	0.901%
11	10.897	1326	1329	1336	rVV	160918	272797	4.97%	0.318%
12	10.979	1336	1343	1362	rVB	390969	772619	14.08%	0.900%
13	12.512	1597	1604	1613	rBV	158117	266791	4.86%	0.311%
14	12.730	1631	1641	1650	rBV	140431	242039	4.41%	0.282%
15	13.864	1823	1834	1841	rBV3	77817	213936	3.90%	0.249%
16	14.005	1848	1858	1863	rBV	158931	298631	5.44%	0.348%
17	14.081	1863	1871	1877	rVV	809660	1382689	25.20%	1.610%
18	14.240	1890	1898	1902	rBV	74332	130540	2.38%	0.152%
19	14.381	1910	1922	1937	rBV	1000821	1877906	34.22%	2.187%
20	14.686	1963	1974	1980	rBV	701912	1205315	21.96%	1.403%
21	14.751	1980	1985	1992	rVB	268255	440467	8.03%	0.513%
22	14.880	2001	2007	2019	rBV2	245877	518427	9.45%	0.604%
23	15.086	2036	2042	2049	rVB	296640	479228	8.73%	0.558%
24	15.162	2049	2055	2069	rVB	74659	142308	2.59%	0.166%
25	15.303	2071	2079	2084	rBV	68012	128227	2.34%	0.149%
26	15.474	2100	2108	2111	rBV	64531	136224	2.48%	0.159%
27	15.679	2134	2143	2148	rVV	1351111	2043194	37.23%	2.379%
28	15.732	2148	2152	2159	rVV	428030	698775	12.73%	0.814%
29	15.803	2159	2164	2171	rVV	254783	436472	7.95%	0.508%
30	15.897	2177	2180	2185	rVV3	65265	118171	2.15%	0.138%
31	16.032	2198	2203	2210	rVB	166523	287414	5.24%	0.335%
32	16.179	2219	2228	2235	rBV	176707	390471	7.12%	0.455%
33	16.402	2264	2266	2274	rVB2	55897	107318	1.96%	0.125%
34	16.743	2307	2324	2329	rBV3	142408	384126	7.00%	0.447%

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35	16.790	2329	2332	2338	rVB2	81854	120662	2.20%	0.141%
36	16.890	2345	2349	2354	rVB2	70818	121623	2.22%	0.142%
37	16.972	2354	2363	2367	rBV3	117943	262235	4.78%	0.305%
38	17.089	2378	2383	2391	rVV2	153706	283977	5.17%	0.331%
39	17.172	2391	2397	2404	rVV3	118614	321132	5.85%	0.374%
40	17.254	2407	2411	2420	rVB	204641	349883	6.38%	0.407%
41	17.442	2436	2443	2446	rBV2	773280	1317208	24.00%	1.534%
42	17.489	2446	2451	2455	rVV	3178295	4988356	90.90%	5.808%
43	17.542	2455	2460	2463	rVV	1273700	2049630	37.35%	2.387%
44	17.577	2463	2466	2471	rVV	494492	691490	12.60%	0.805%
45	17.624	2471	2474	2480	rVV3	68553	127873	2.33%	0.149%
46	17.841	2506	2511	2515	rBV	211460	336417	6.13%	0.392%
47	17.959	2527	2531	2536	rVB	102083	139280	2.54%	0.162%
48	18.023	2536	2542	2546	rBV	85853	142095	2.59%	0.165%
49	18.317	2583	2592	2596	rBV	597827	950039	17.31%	1.106%
50	18.370	2596	2601	2608	rVB	828305	1228761	22.39%	1.431%
51	18.446	2608	2614	2619	rBV	194702	316414	5.77%	0.368%
52	18.511	2619	2625	2629	rBV2	687844	1308108	23.84%	1.523%
53	18.546	2629	2631	2638	rVB	418392	570074	10.39%	0.664%
54	18.623	2639	2644	2647	rBV4	67382	107072	1.95%	0.125%
55	18.811	2671	2676	2681	rVV	433054	640869	11.68%	0.746%
56	18.852	2681	2683	2693	rVV3	118383	189304	3.45%	0.220%
57	19.058	2711	2718	2722	rBV	166879	274423	5.00%	0.320%
58	19.110	2723	2727	2730	rVV	155984	222564	4.06%	0.259%
59	19.146	2730	2733	2737	rVB	124541	159751	2.91%	0.186%
60	19.228	2742	2747	2752	rVV	310207	570272	10.39%	0.664%
61	19.298	2753	2759	2761	rVV3	192107	411755	7.50%	0.479%
62	19.322	2761	2763	2767	rVV	154314	180487	3.29%	0.210%
63	19.369	2767	2771	2779	rVB2	252681	489066	8.91%	0.569%
64	19.498	2786	2793	2799	rBV	3557043	5487843	100.00%	6.390%
65	19.557	2799	2803	2806	rBV	91804	108358	1.97%	0.126%
66	19.592	2806	2809	2813	rVB2	119281	158887	2.90%	0.185%
67	19.639	2813	2817	2821	rBV2	81923	121248	2.21%	0.141%
68	19.739	2829	2834	2838	rBV2	165071	261506	4.77%	0.305%
69	19.827	2843	2849	2852	rBV2	2293906	4022778	73.30%	4.684%
70	19.862	2852	2855	2861	rVV	3198391	4389554	79.99%	5.111%
71	19.927	2861	2866	2872	rVB2	294855	482551	8.79%	0.562%

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72	20.033	2879	2884	2890	rVB	268084	410660	7.48%	0.478%
73	20.186	2902	2910	2919	rBV2	364038	998585	18.20%	1.163%
74	20.309	2926	2931	2932	rBV2	245564	310861	5.66%	0.362%
75	20.344	2933	2937	2943	rVB	655508	1099545	20.04%	1.280%
76	20.444	2950	2954	2958	rBV	371112	471902	8.60%	0.549%
77	20.503	2958	2964	2968	rVV2	474524	787510	14.35%	0.917%
78	20.544	2968	2971	2974	rVB2	91256	108077	1.97%	0.126%
79	20.585	2974	2978	2983	rVB3	122620	178899	3.26%	0.208%
80	20.644	2984	2988	2991	rBV	279739	371623	6.77%	0.433%
81	20.691	2992	2996	3000	rVV2	275640	340623	6.21%	0.397%
82	21.114	3064	3068	3075	rVB	371240	587767	10.71%	0.684%
83	21.296	3092	3099	3103	rBV2	247652	546778	9.96%	0.637%
84	21.343	3103	3107	3110	rBV	288133	458484	8.35%	0.534%
85	21.449	3121	3125	3134	rVB2	261469	516939	9.42%	0.602%
86	21.707	3162	3169	3176	rBV3	1869582	4692142	85.50%	5.464%
87	21.772	3176	3180	3192	rVB	1554180	2865627	52.22%	3.337%
88	21.925	3201	3206	3214	rBV	261540	469890	8.56%	0.547%
89	22.130	3237	3241	3249	rBV2	164288	319781	5.83%	0.372%
90	22.389	3281	3285	3289	rBV	91905	176681	3.22%	0.206%
91	22.465	3294	3298	3304	rVV	335999	588825	10.73%	0.686%
92	22.542	3306	3311	3321	rVV3	326189	735181	13.40%	0.856%
93	22.741	3341	3345	3349	rBV	148295	247330	4.51%	0.288%
94	23.969	3544	3554	3561	rBV	1012839	3588078	65.38%	4.178%
95	24.222	3593	3597	3605	rVB	196408	428983	7.82%	0.500%
96	24.698	3671	3678	3685	rBV	471707	1264870	23.05%	1.473%
97	24.780	3685	3692	3698	rVV	785891	2031415	37.02%	2.365%
98	24.851	3698	3704	3717	rVB	908135	2456684	44.77%	2.861%
99	25.004	3721	3730	3736	rBV2	524245	1521408	27.72%	1.772%
100	28.746	4359	4367	4387	rVB2	320905	1583169	28.85%	1.843%

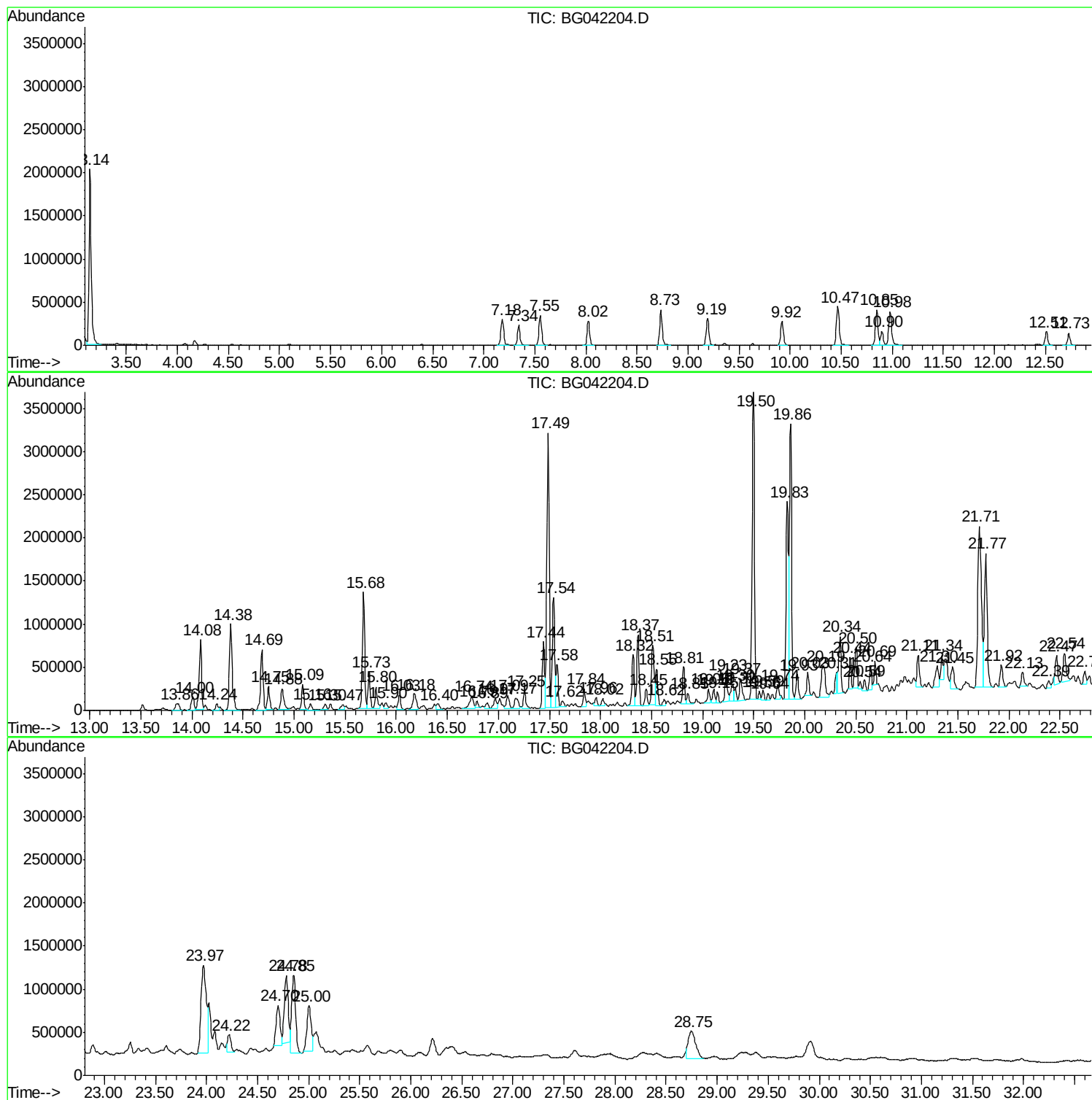
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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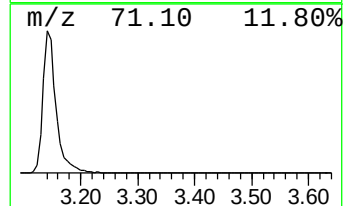
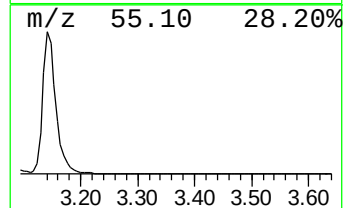
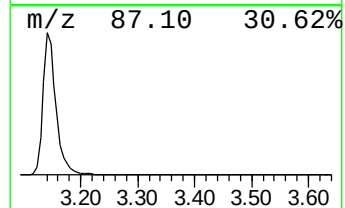
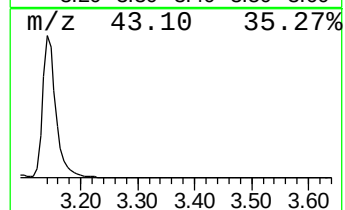
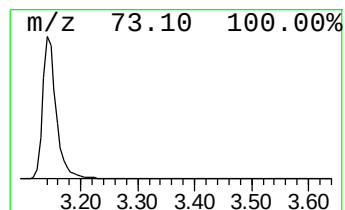
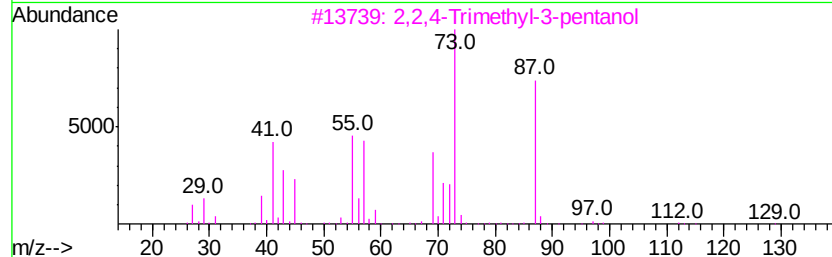
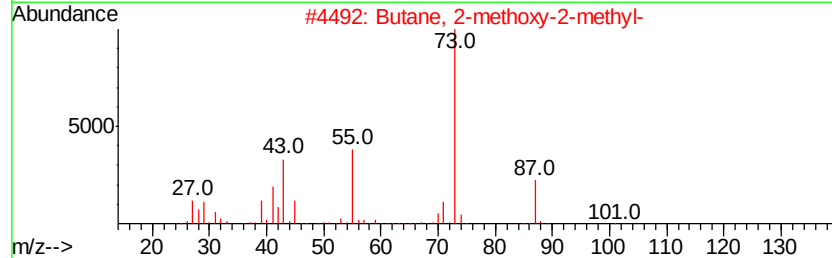
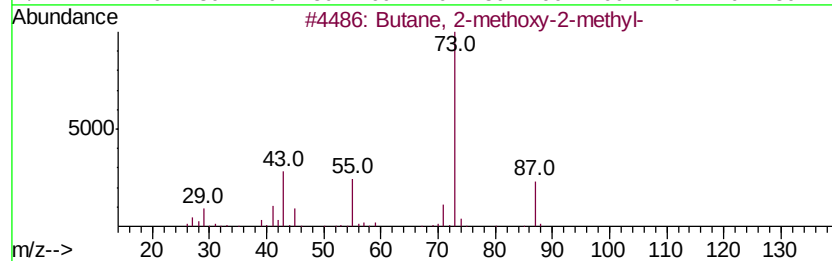
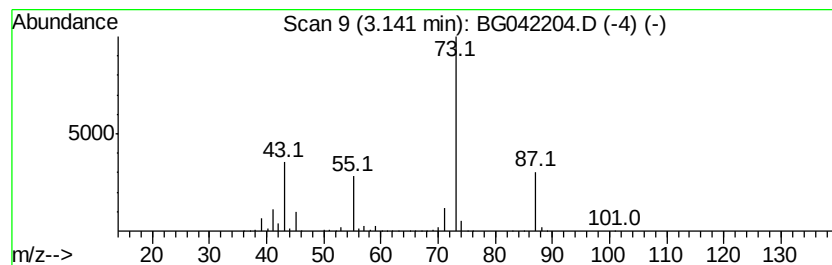
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	130.53 ng/ul	3260070	1,4-Dichlorobenzene-d4	8.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	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	40
4	Pentane, 3-methoxy-	102 C6H14O	036839-67-5	17
5	N-Ethylformamide	73 C3H7NO	000627-45-2	9



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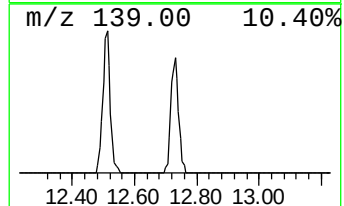
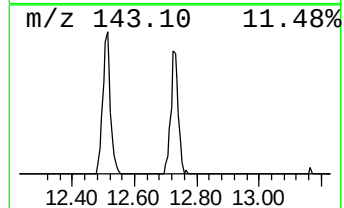
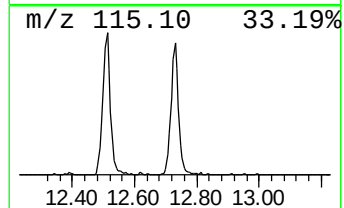
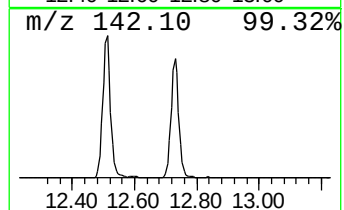
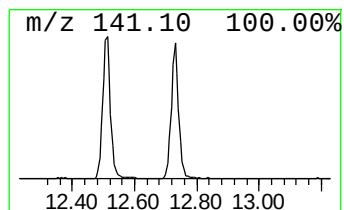
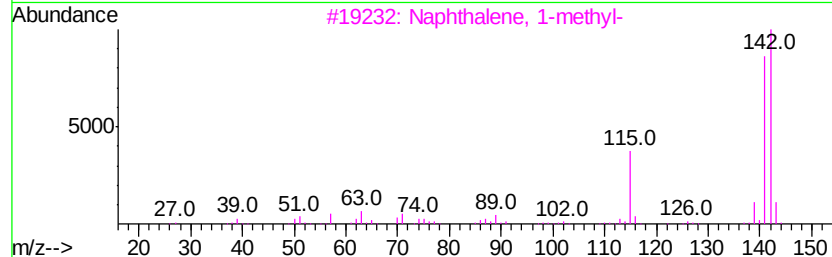
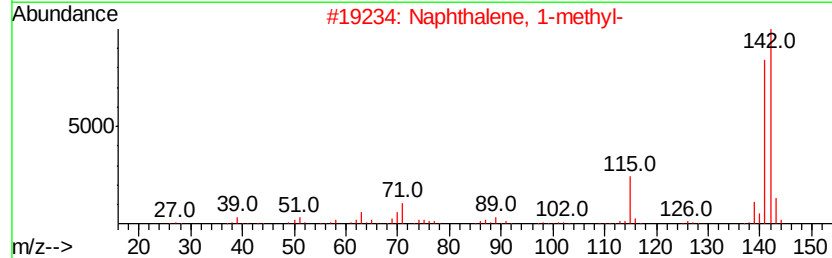
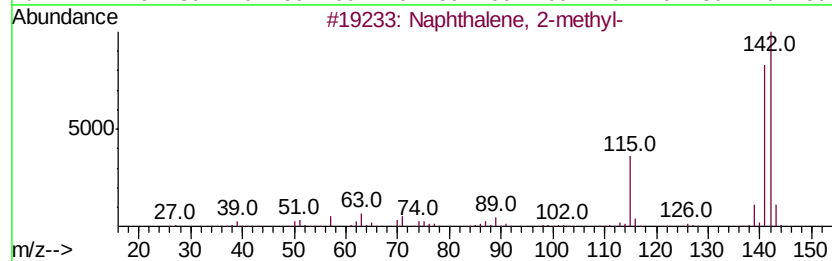
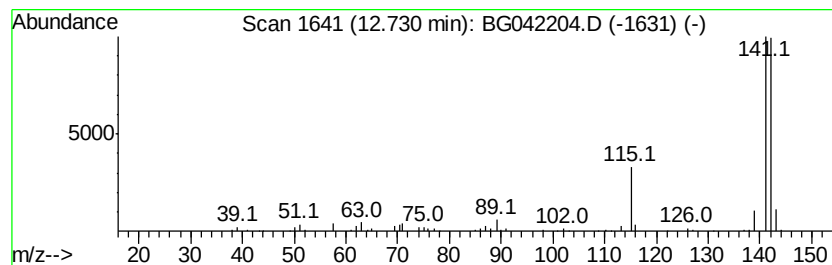
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	6.25 ng/ul	242039	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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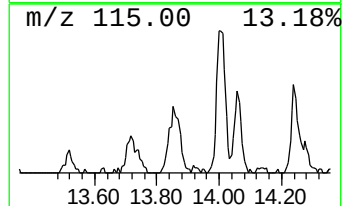
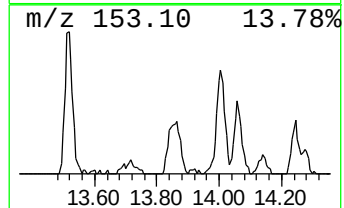
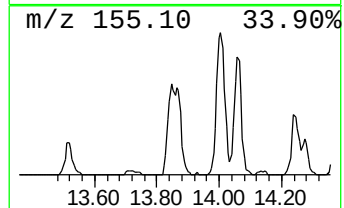
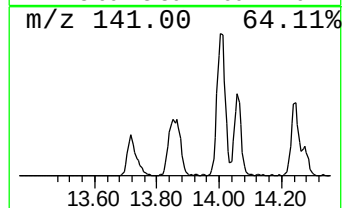
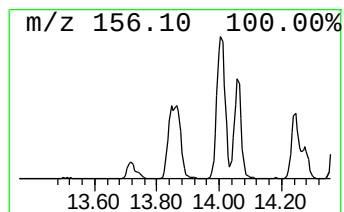
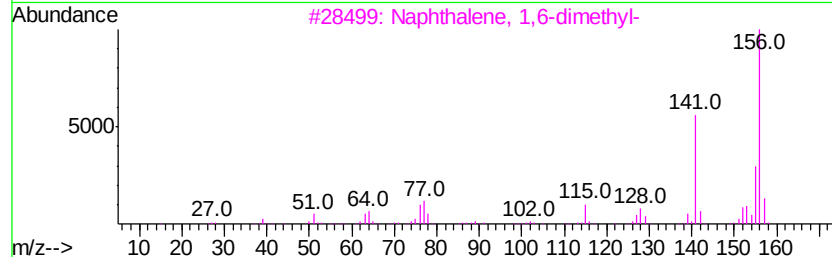
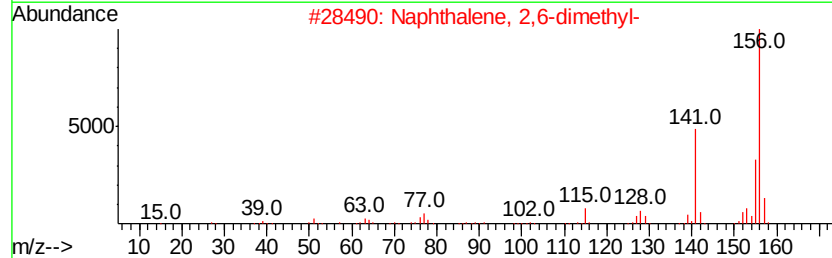
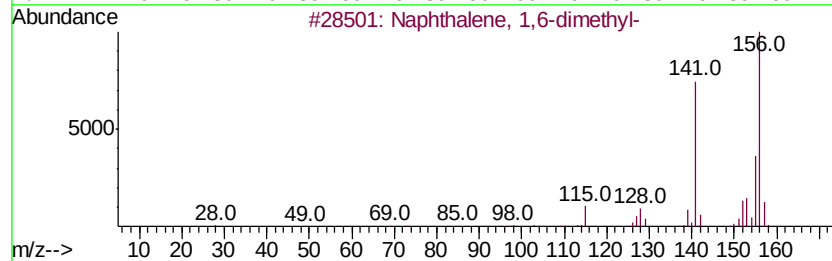
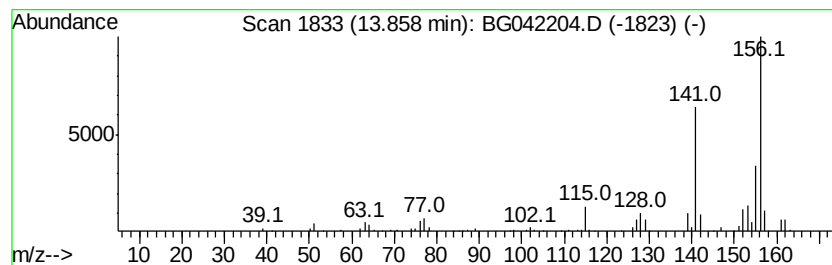
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Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.55 ng/ul	213936	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

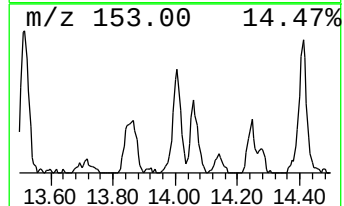
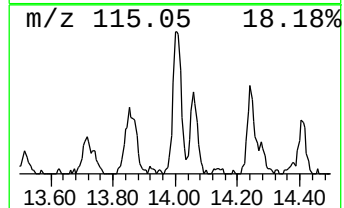
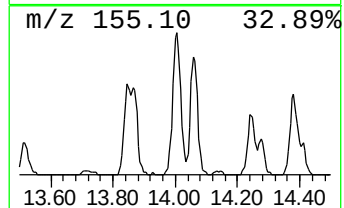
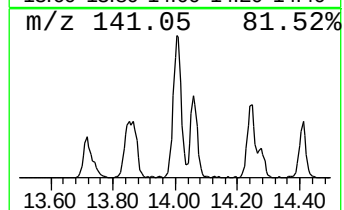
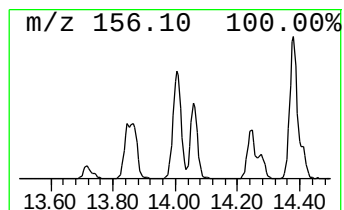
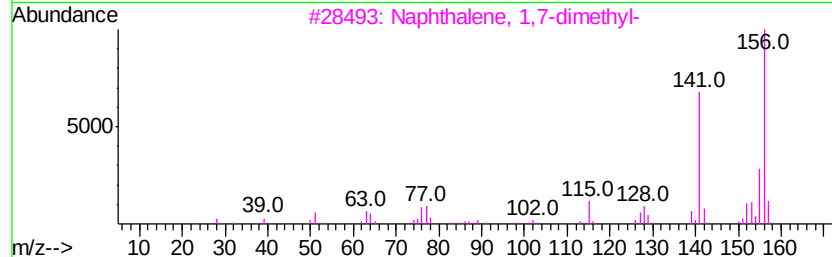
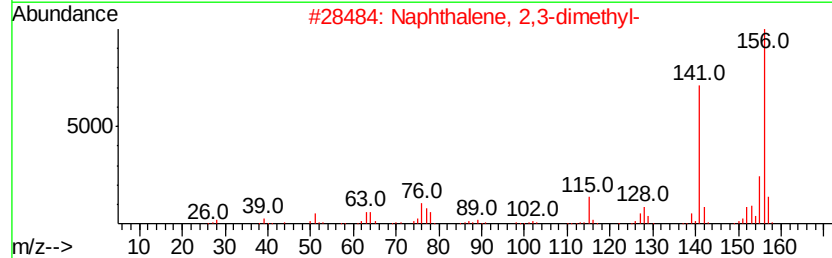
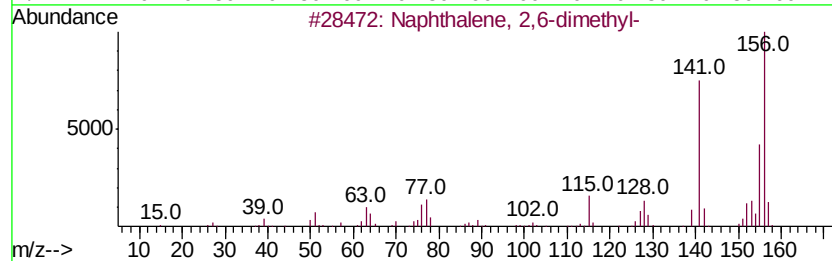
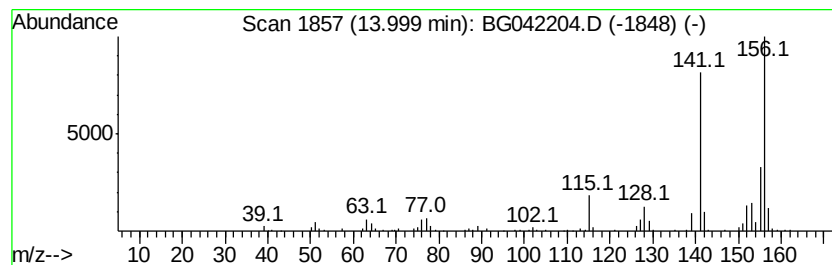
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	4.96 ng/ul	298631	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

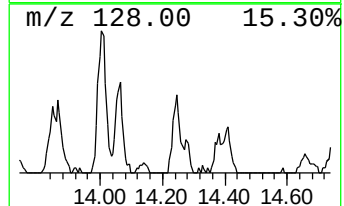
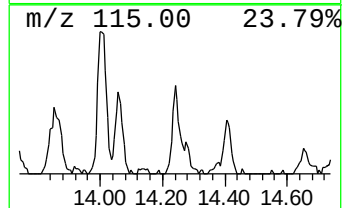
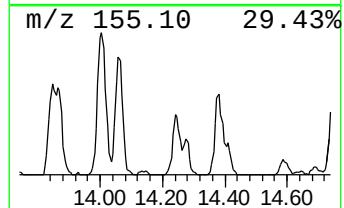
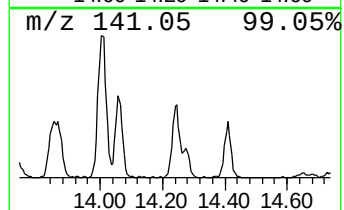
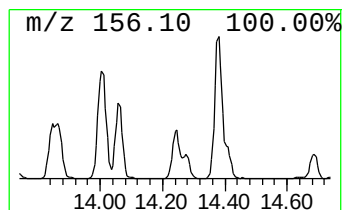
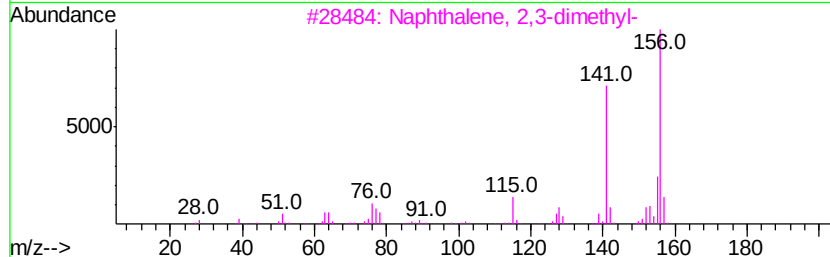
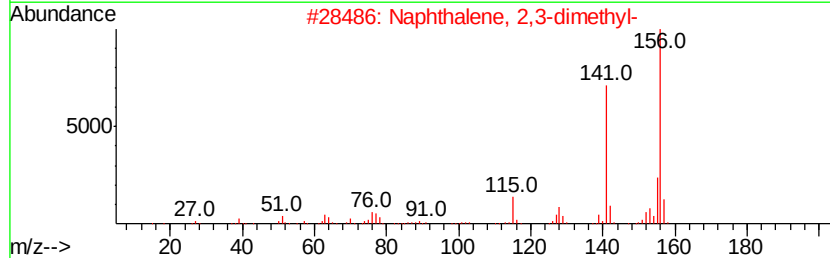
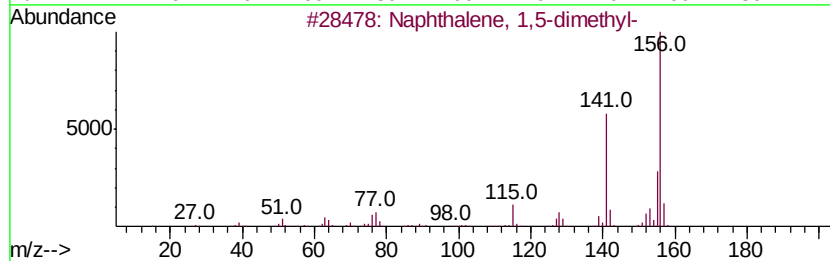
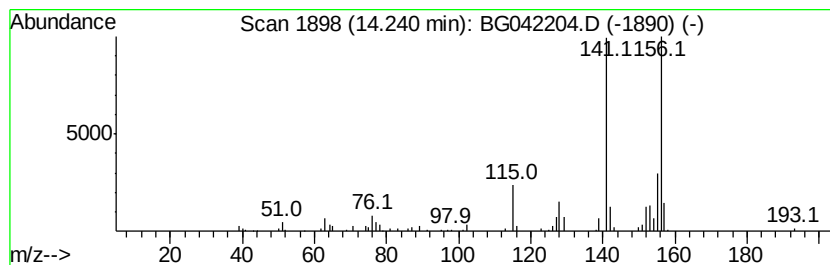
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,5-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.24	2.17 ng/ul	130540	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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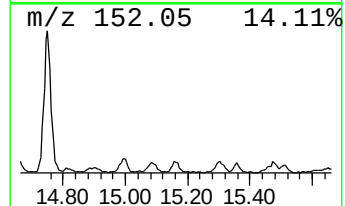
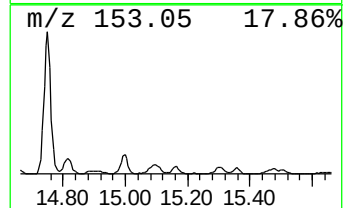
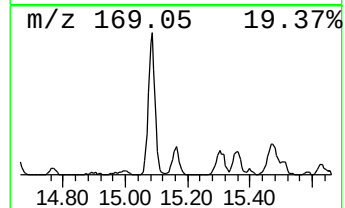
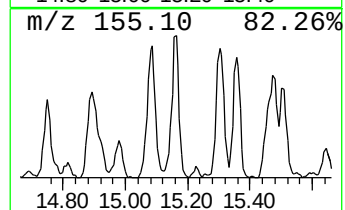
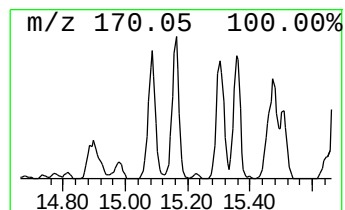
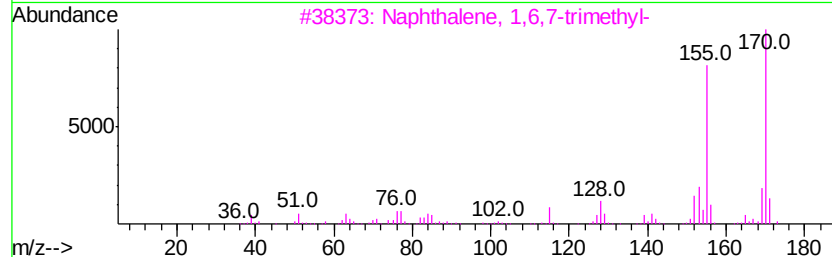
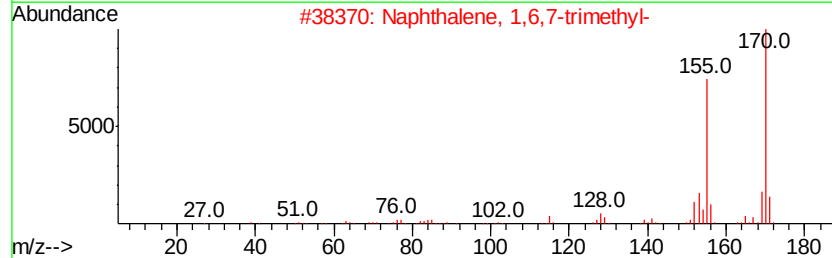
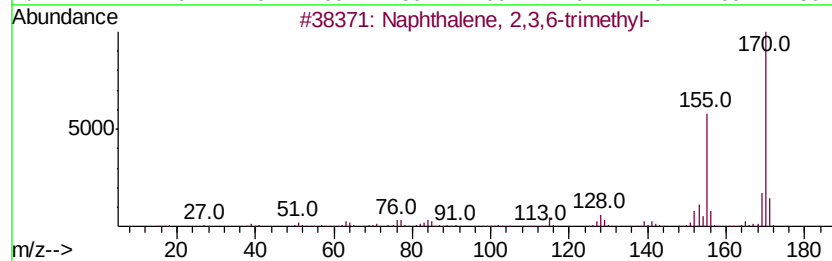
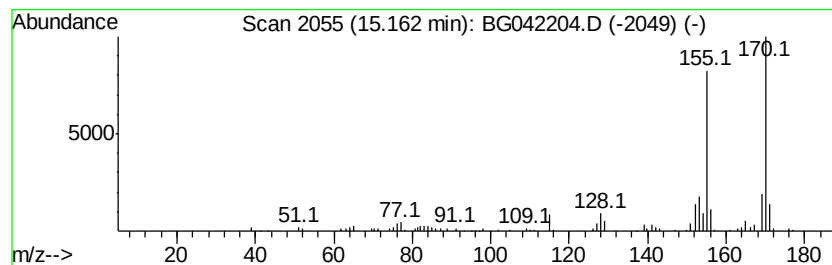
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2,3,6-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.36 ng/ul	142308	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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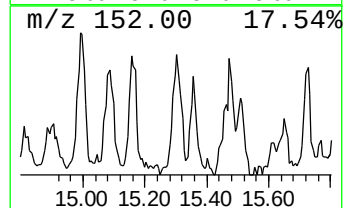
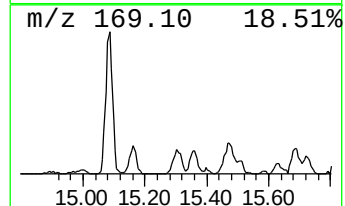
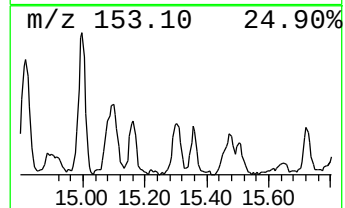
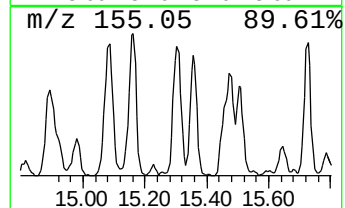
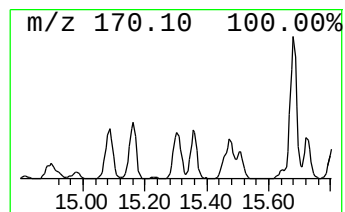
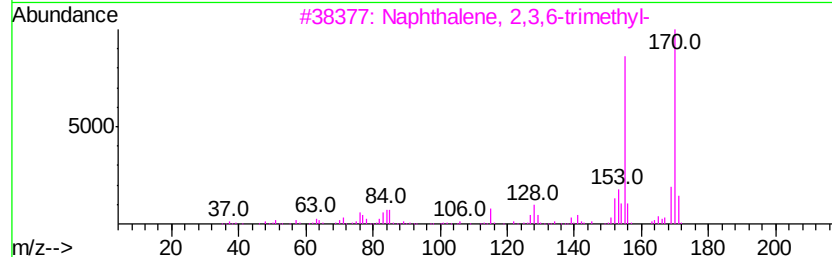
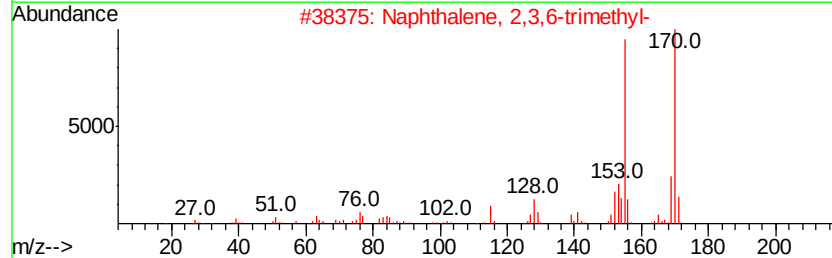
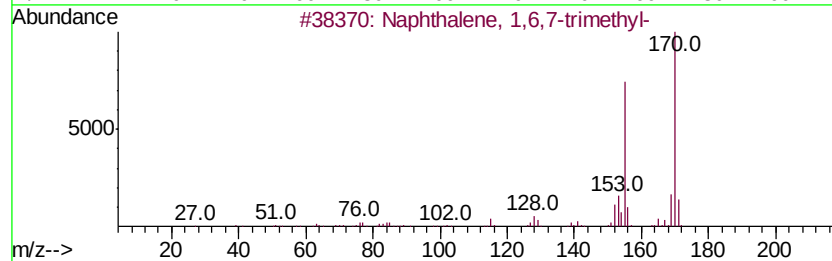
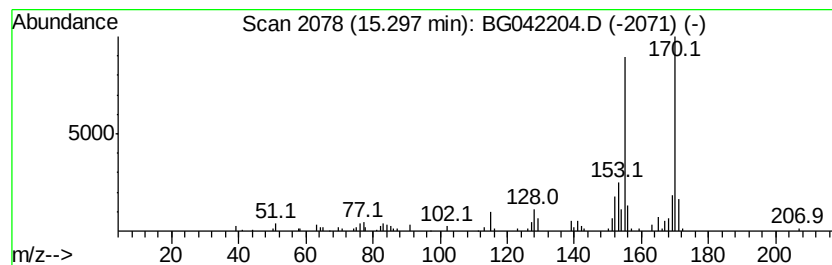
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	2.13 ng/ul	128227	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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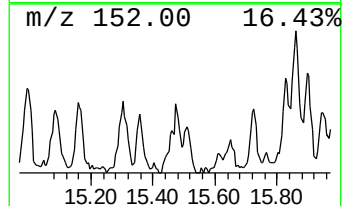
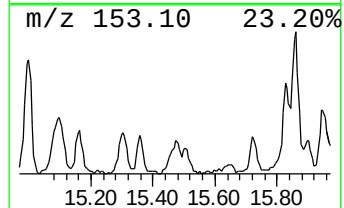
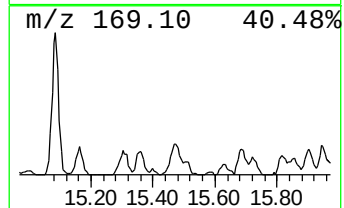
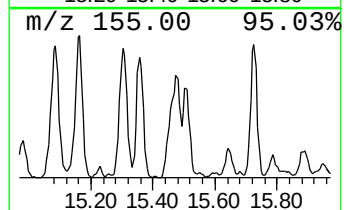
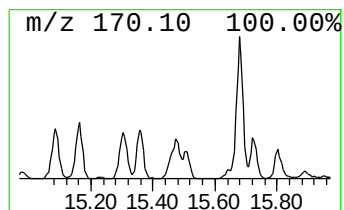
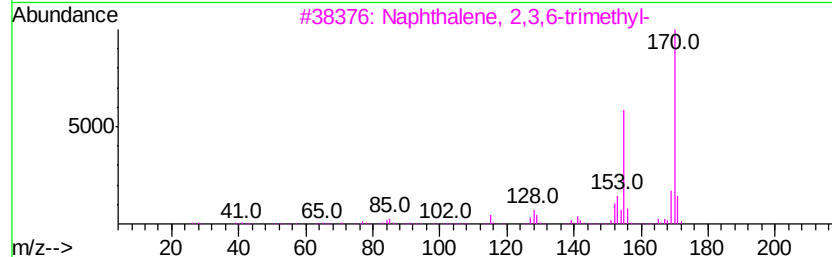
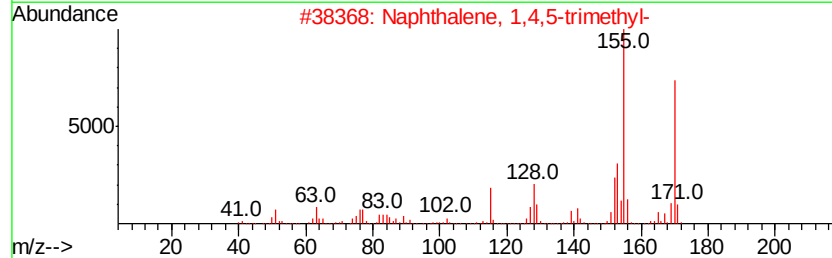
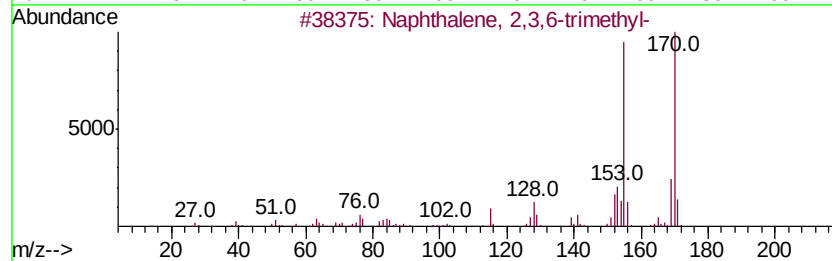
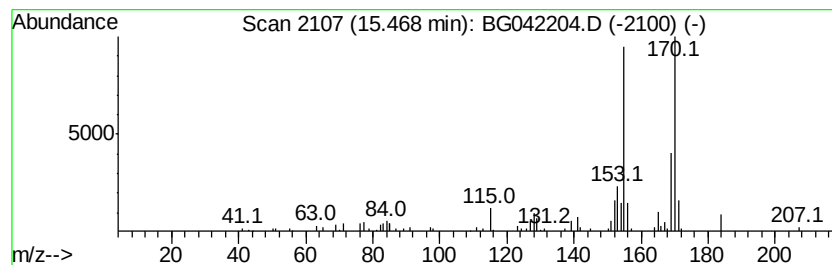
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,4,5-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	2.26 ng/ul	136224	Acenaphthene-d10	14.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
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Instrument :
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ClientSampleId :
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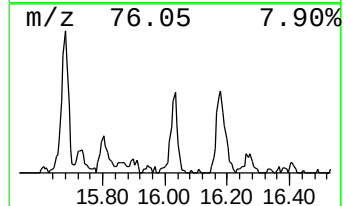
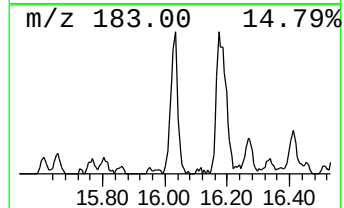
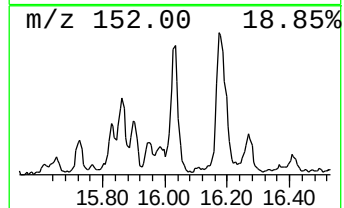
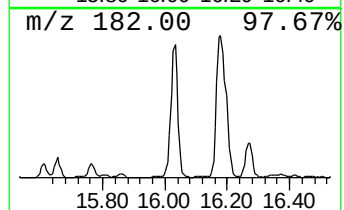
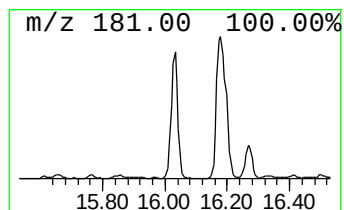
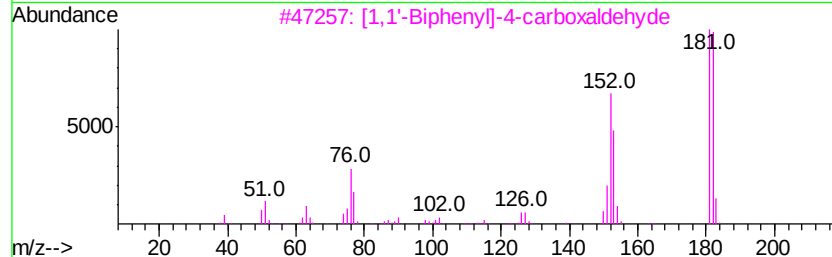
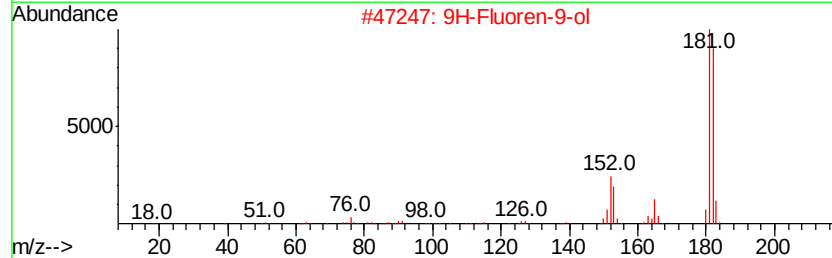
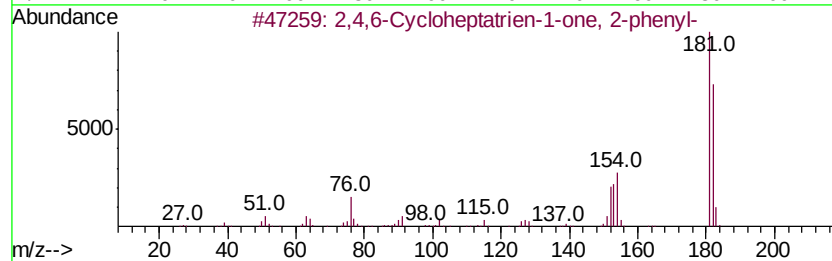
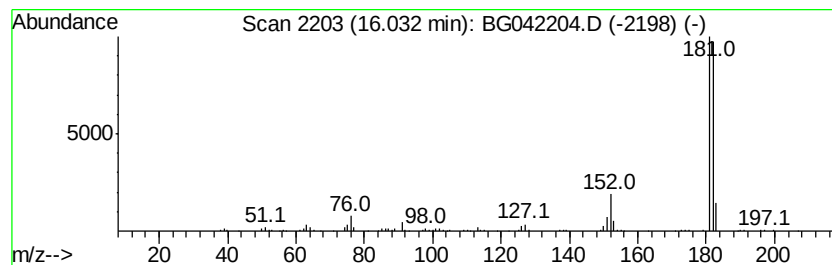
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,4,6-Cycloheptatrien-1-one... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	4.77 ng/ul	287414	Acenaphthene-d10	14.69

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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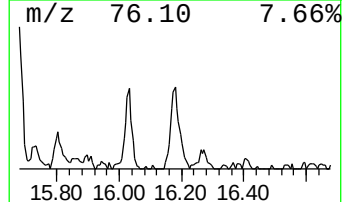
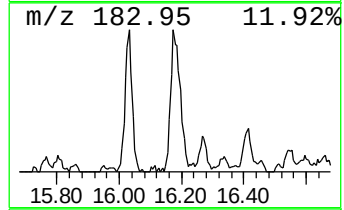
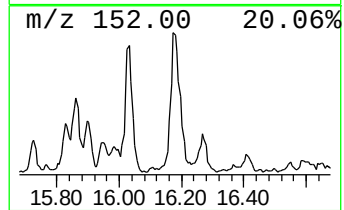
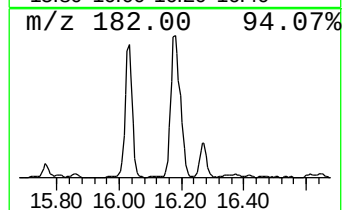
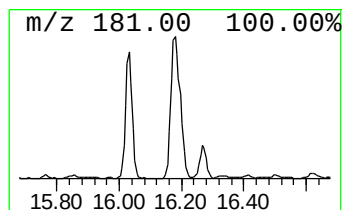
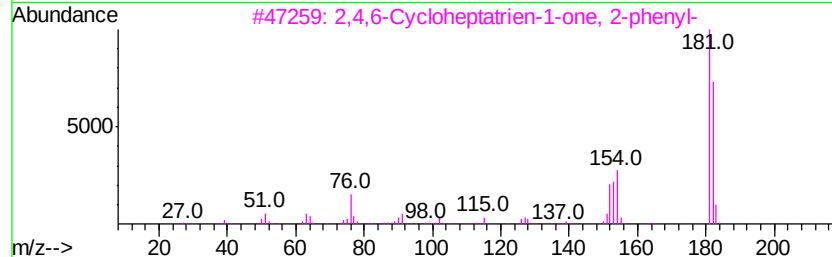
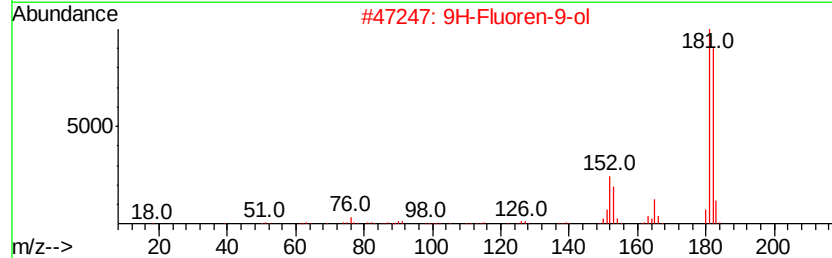
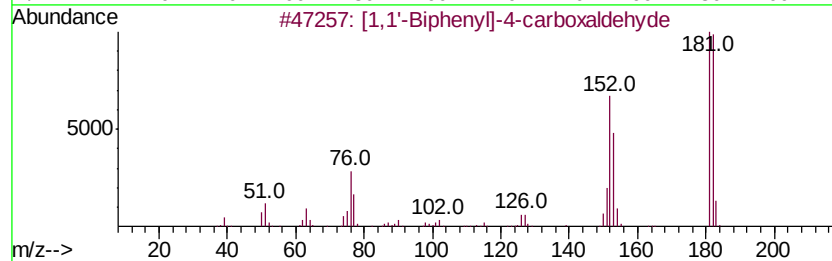
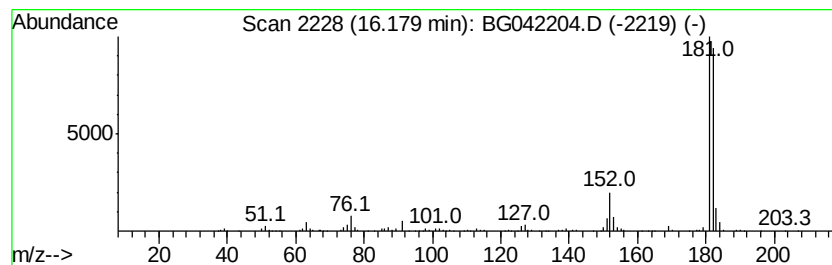
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.18	5.93 ng/ul	390471	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		2,4,6-Cycloheptatrien-1-one, 2-phenyl-	182	C13H10O	014562-09-5	78
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
5		2-Hydroxyfluorene	182	C13H10O	002443-58-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

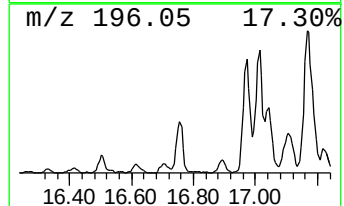
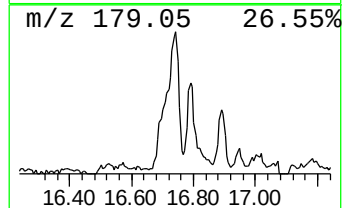
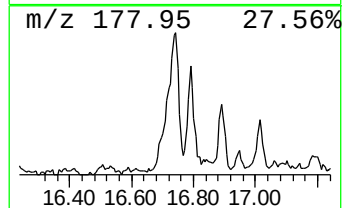
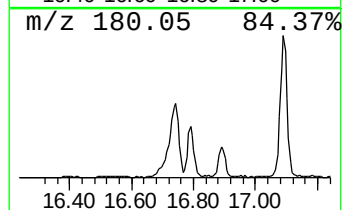
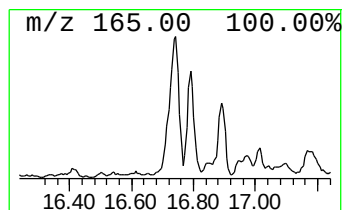
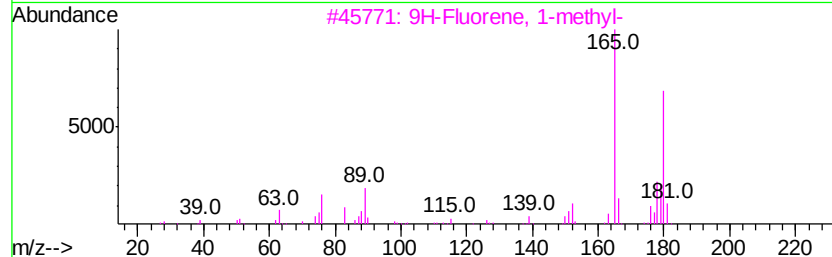
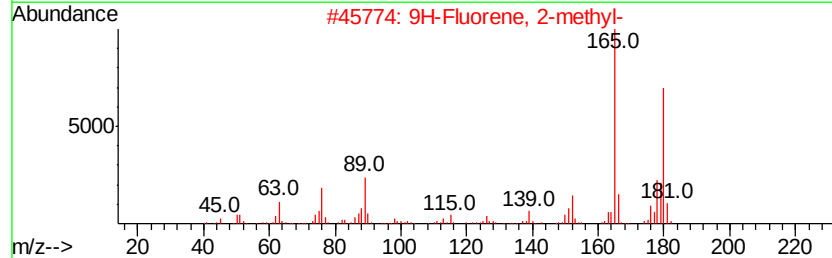
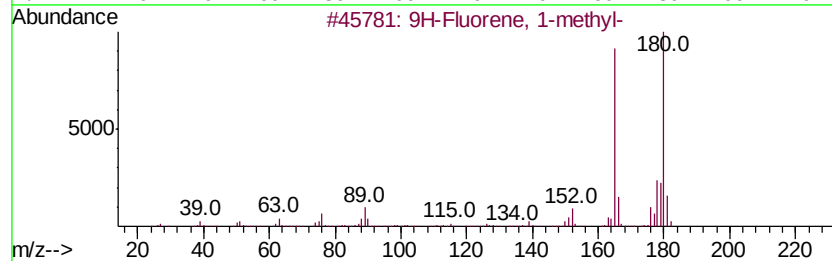
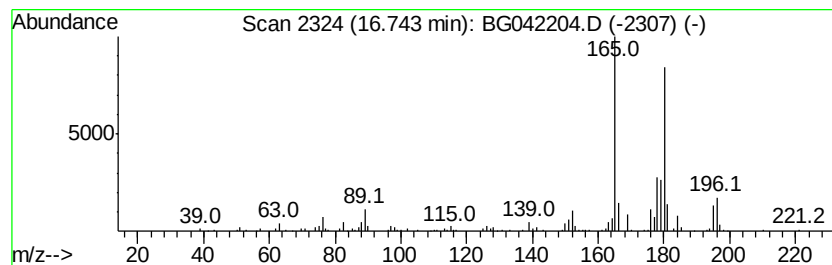
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.74	5.83 ng/ul	384126	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

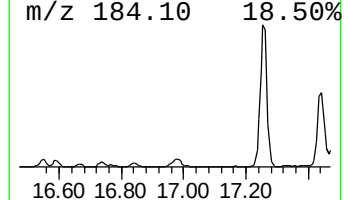
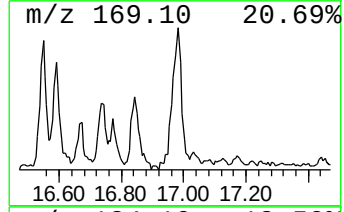
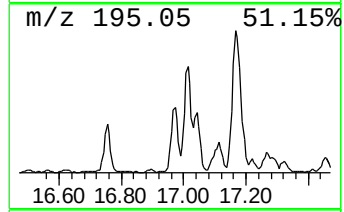
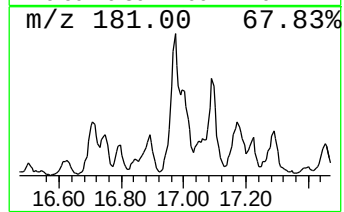
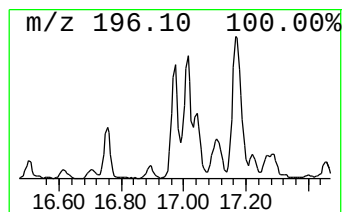
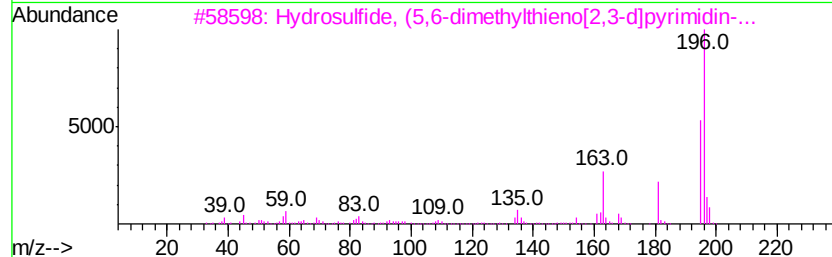
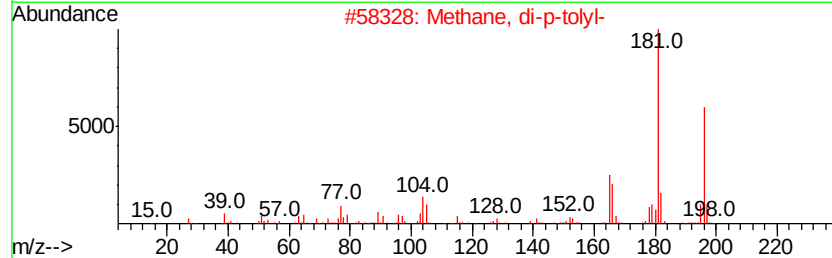
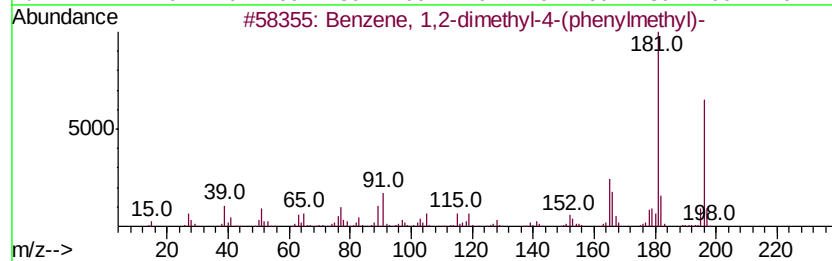
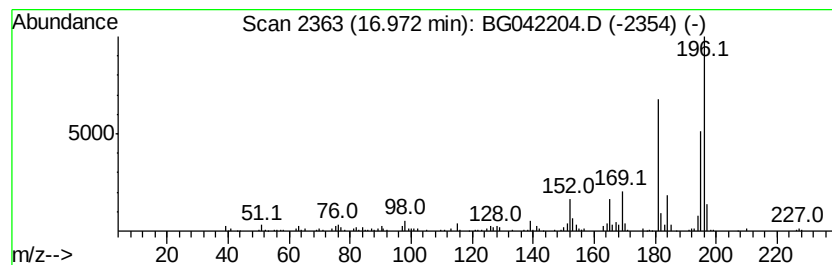
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzene, 1,2-dimethyl-4-(ph... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.97	3.98 ng/ul	262235	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	50
2	Methane, di-p-tolyl-	196	C15H16	004957-14-6	50
3	Hvdrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	50
4	Pentamethylmelamine	196	C8H16N6	035832-09-8	47
5	Orcinol, trimethylsilyl ether	196	C10H16O2Si	1000352-83-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Sample : K4304-10
Misc :
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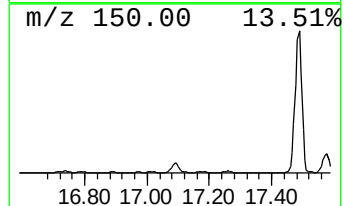
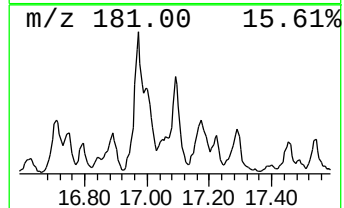
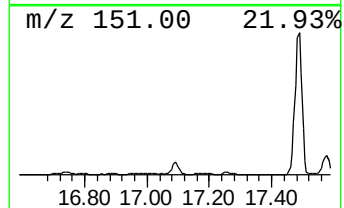
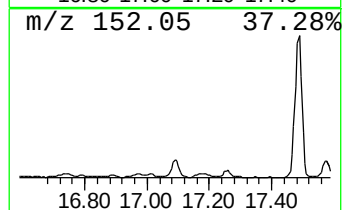
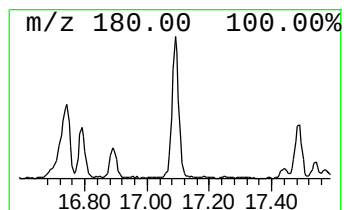
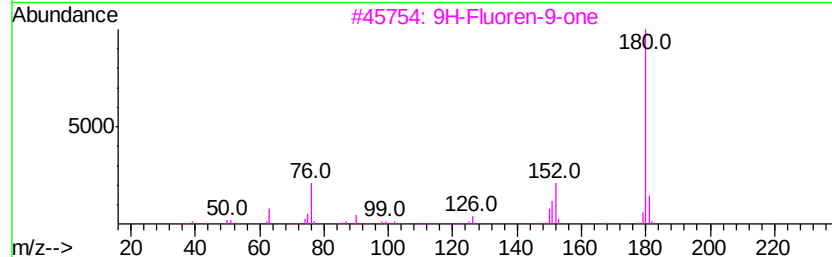
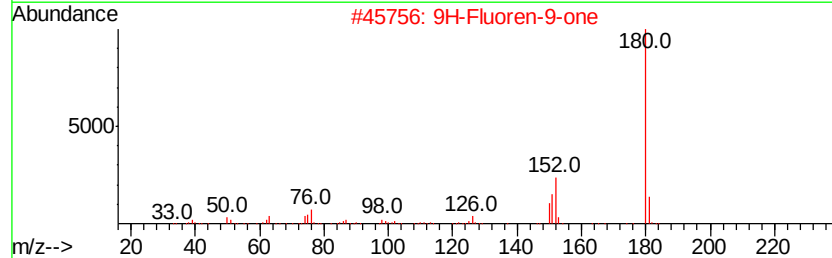
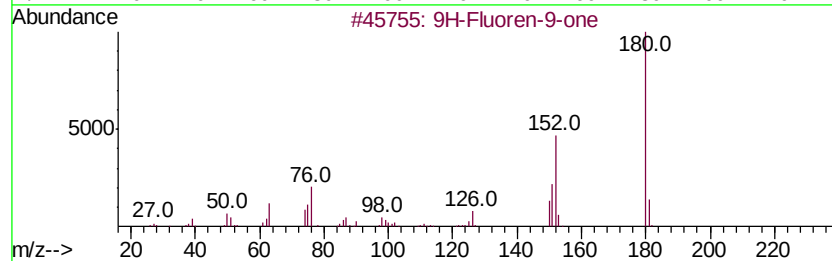
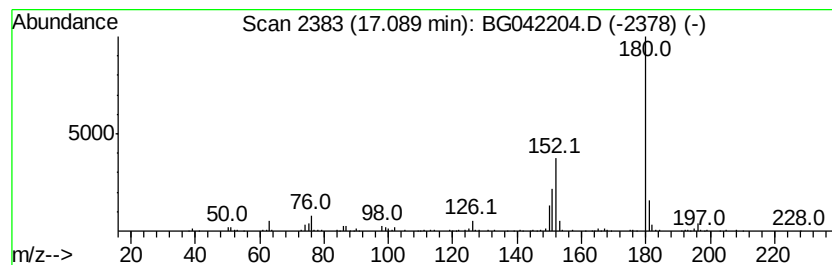
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	4.31 ng/ul	283977	Phenanthrene-d10	17.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluoren-9-one	180 C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180 C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180 C13H8O	000486-25-9	87
4	9H-Fluoren-9-one	180 C13H8O	000486-25-9	87
5	Diphenic anhydride	224 C14H8O3	006050-13-1	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
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Instrument :
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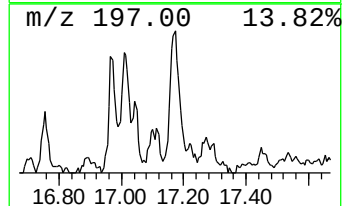
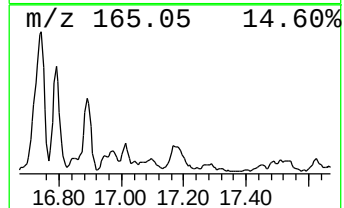
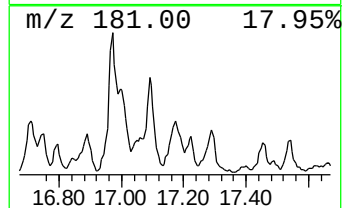
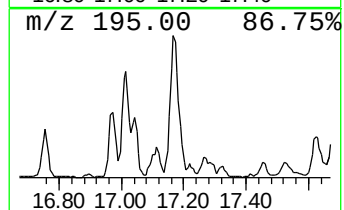
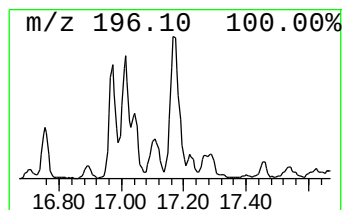
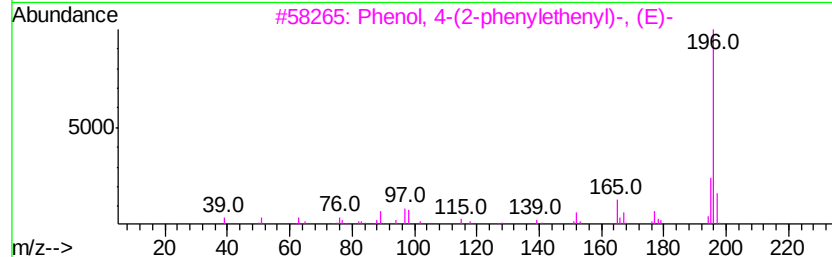
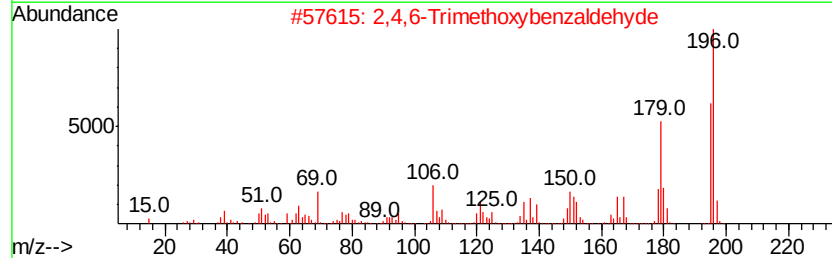
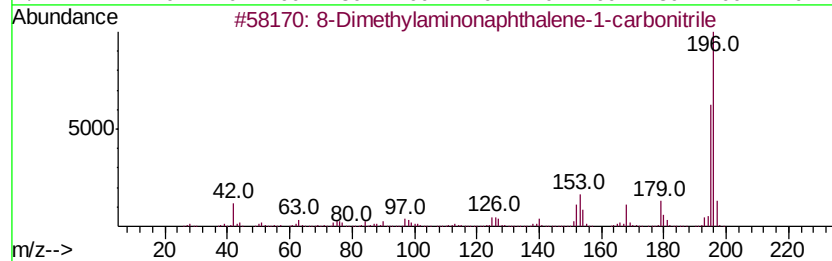
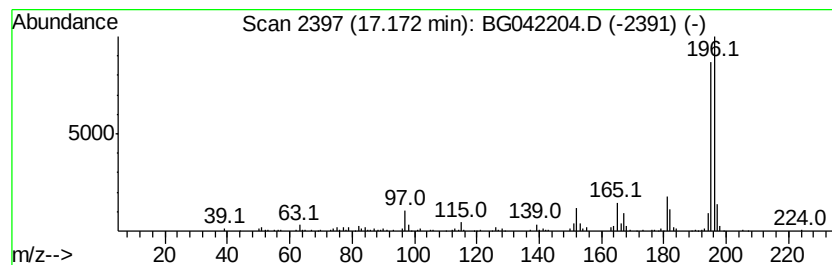
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 8-Dimethylaminonaphthalene-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.17	4.88 ng/ul	321132	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
2			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	72
3			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
4			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53
5			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Acq On : 14 Aug 2019 10:37
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ClientSampleId :
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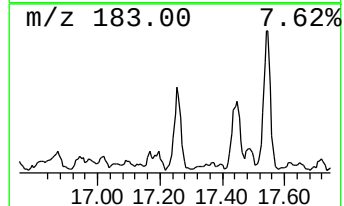
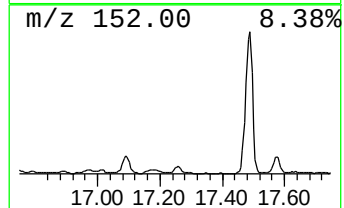
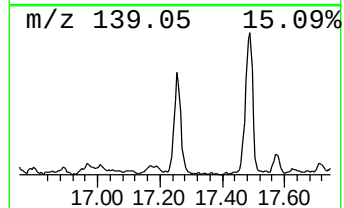
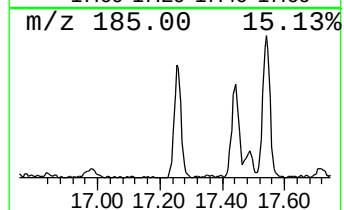
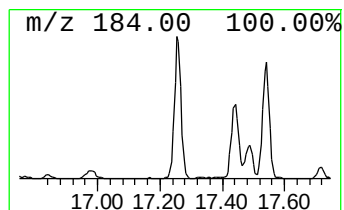
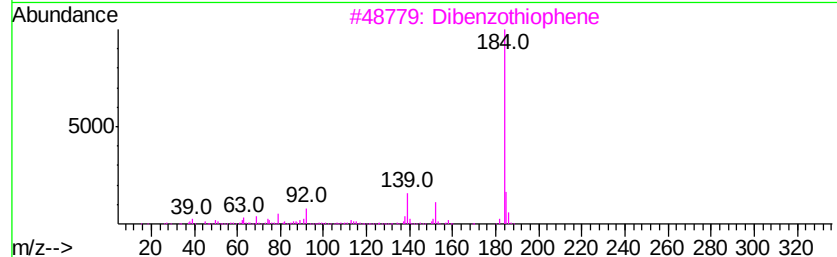
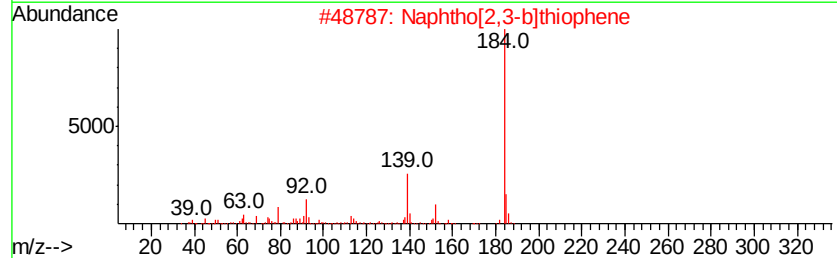
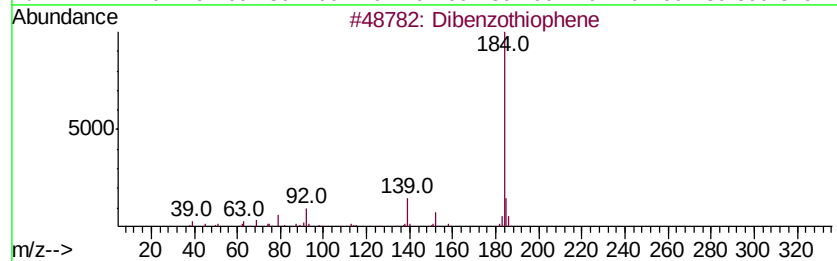
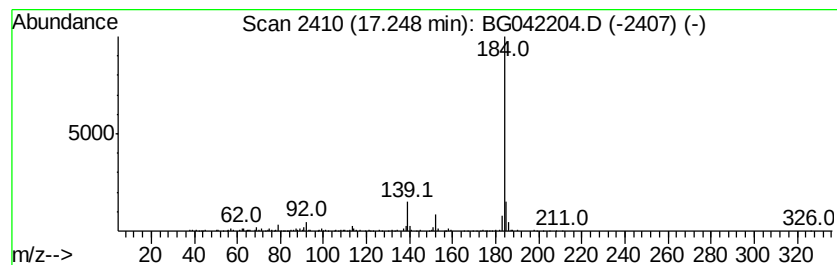
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	5.31 ng/ul	349883	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3		Dibenzothiophene	184	C12H8S	000132-65-0	94
4		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5		Dibenzothiophene	184	C12H8S	000132-65-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
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Instrument :
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ClientSampleId :
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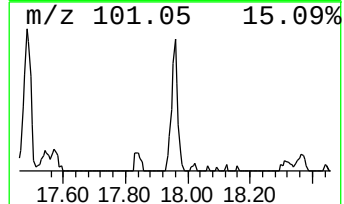
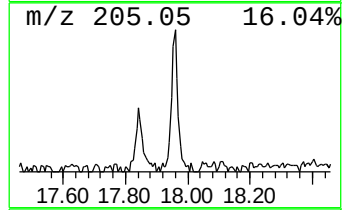
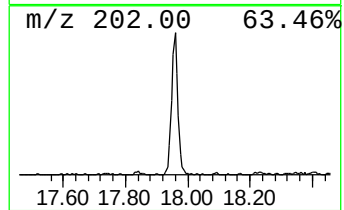
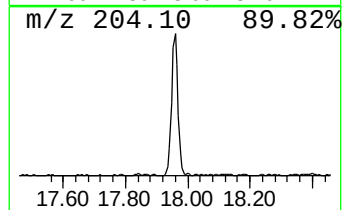
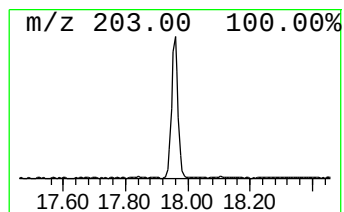
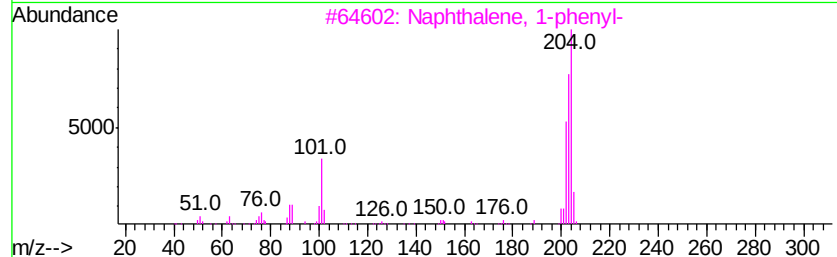
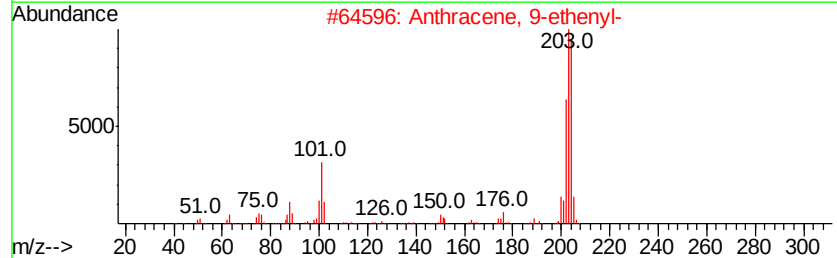
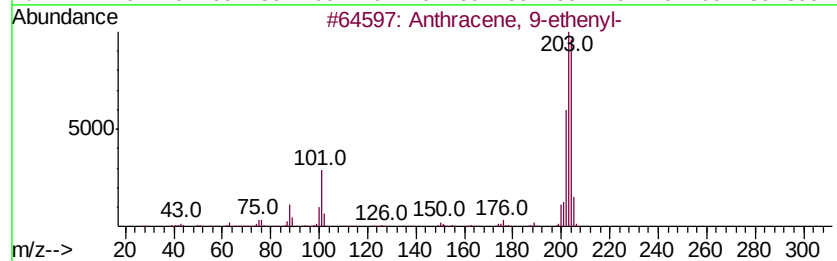
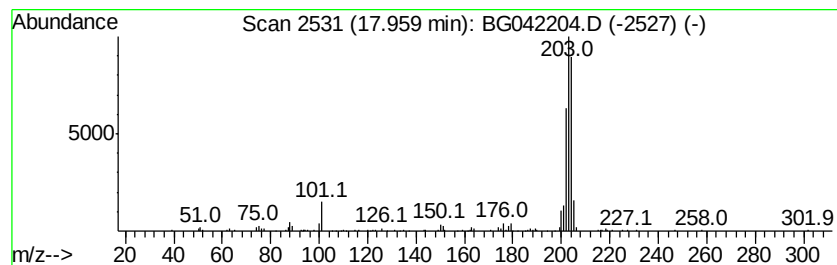
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 9-ethenyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.11 ng/ul	139280	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
4			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	76
5			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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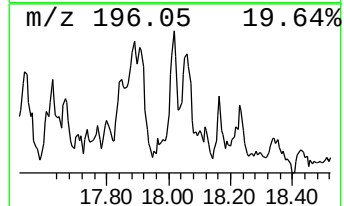
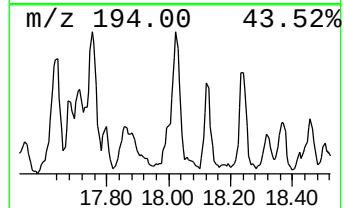
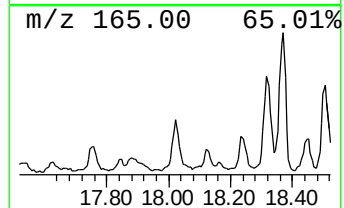
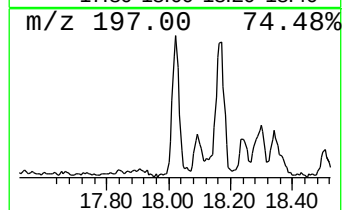
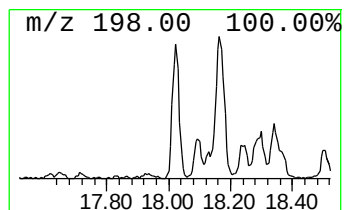
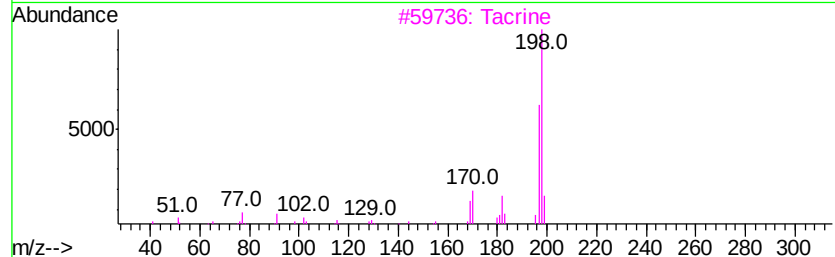
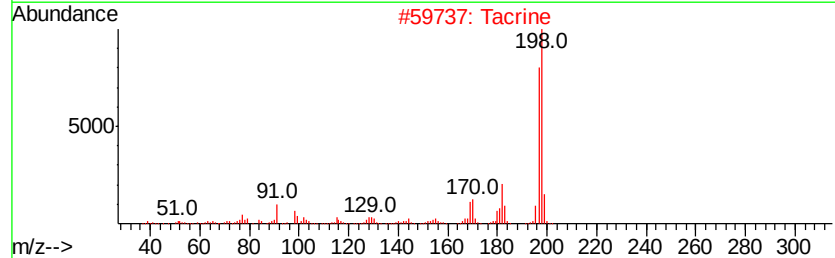
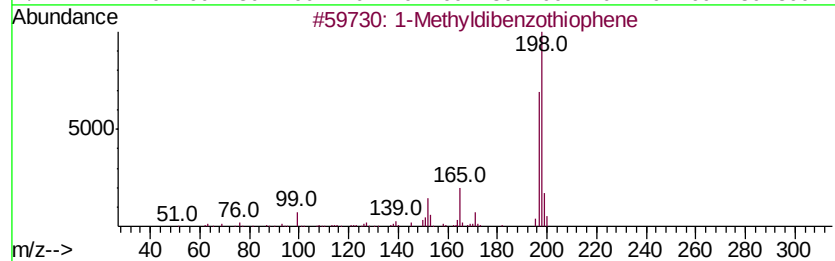
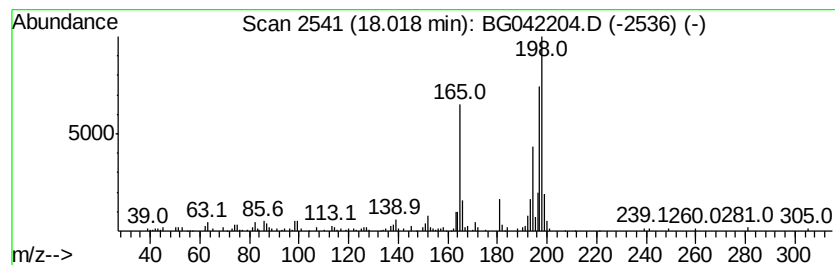
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1-Methyldibenzothiophene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.16 ng/ul	142095	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	60
2		Tacrine	198	C13H14N2	000321-64-2	49
3		Tacrine	198	C13H14N2	000321-64-2	43
4		Thioxanthene	198	C13H10S	000261-31-4	38
5		9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

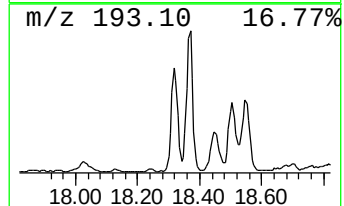
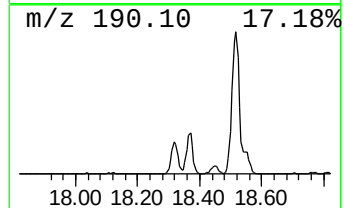
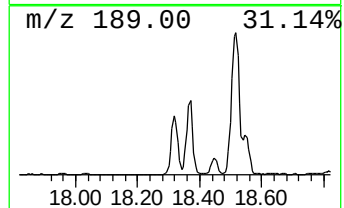
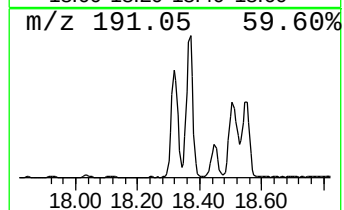
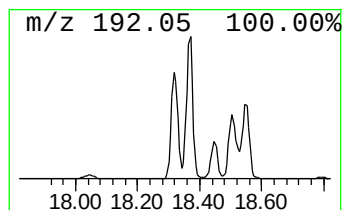
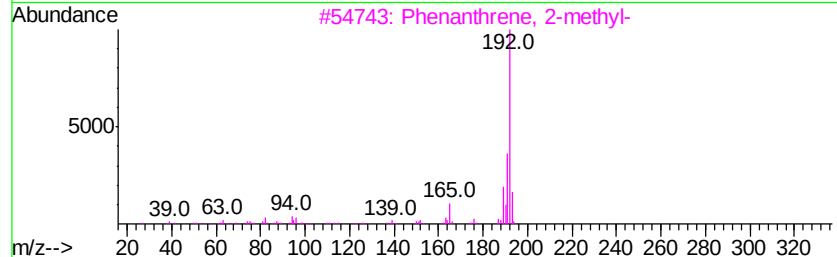
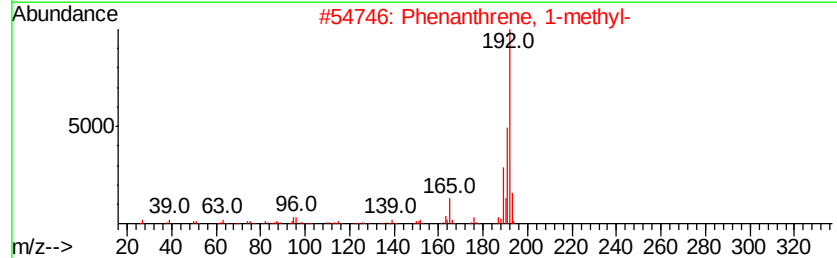
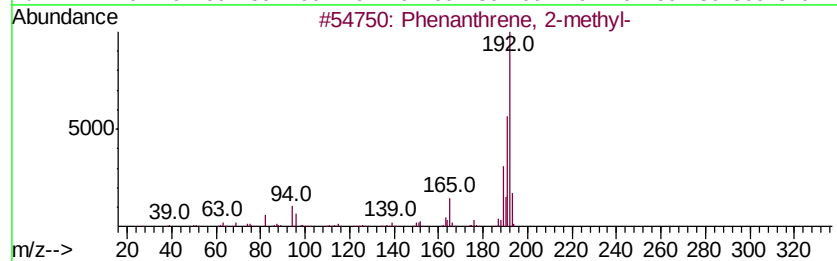
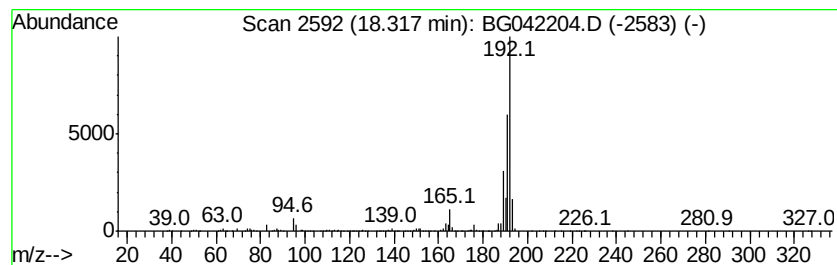
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.32	14.43 ng/ul	950039	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

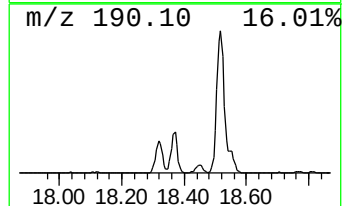
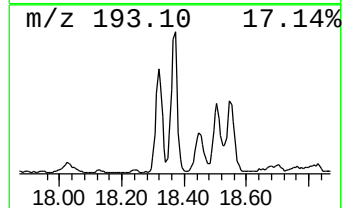
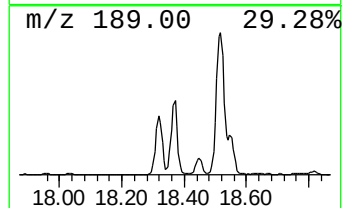
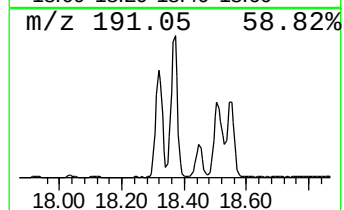
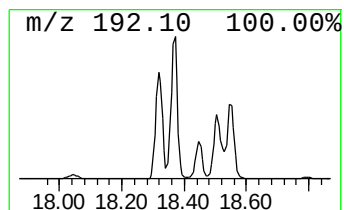
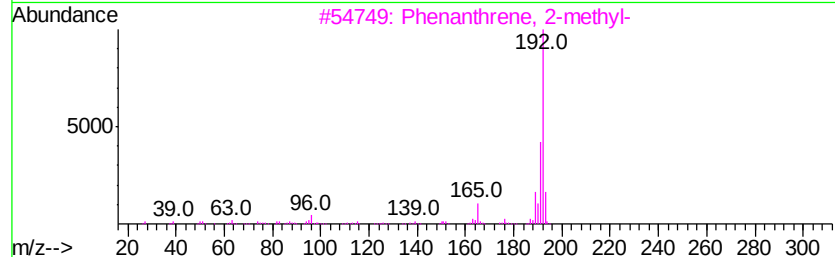
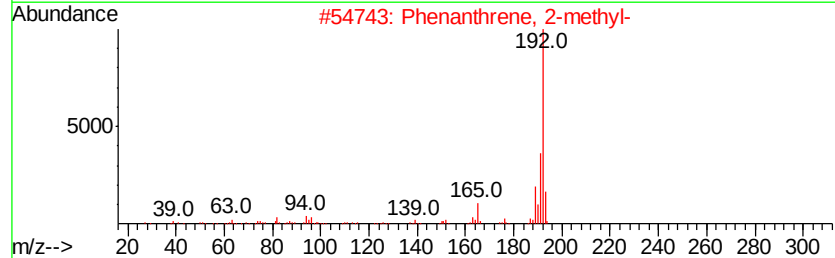
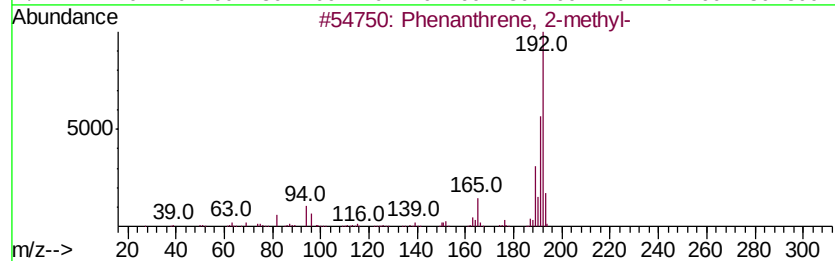
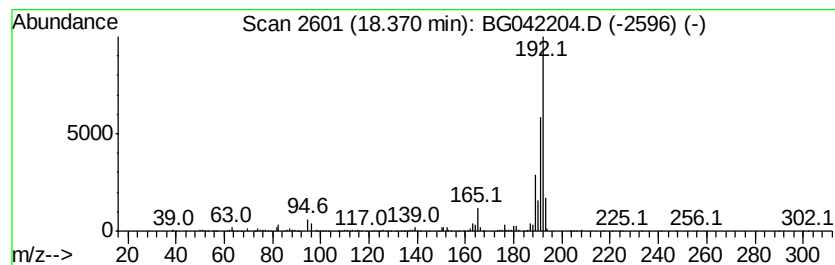
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	18.66 ng/ul	1228760	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

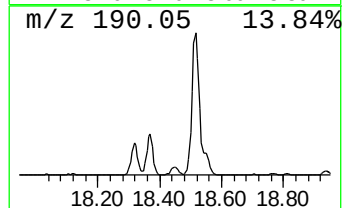
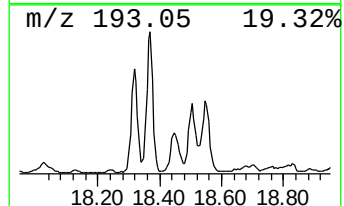
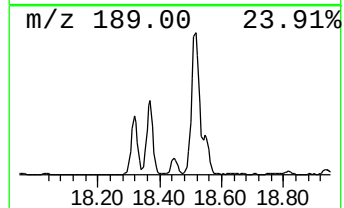
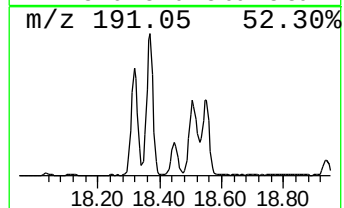
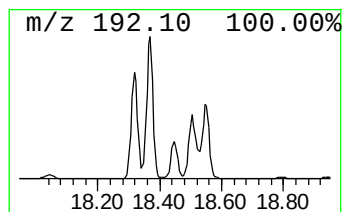
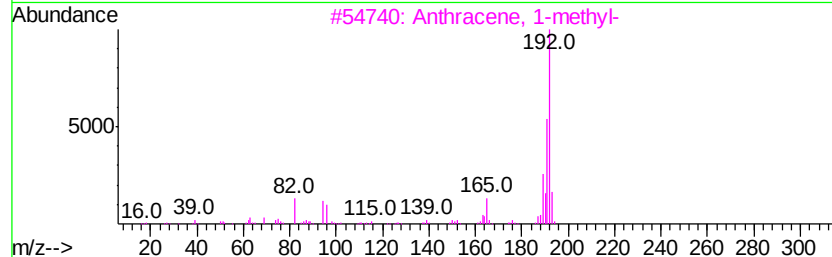
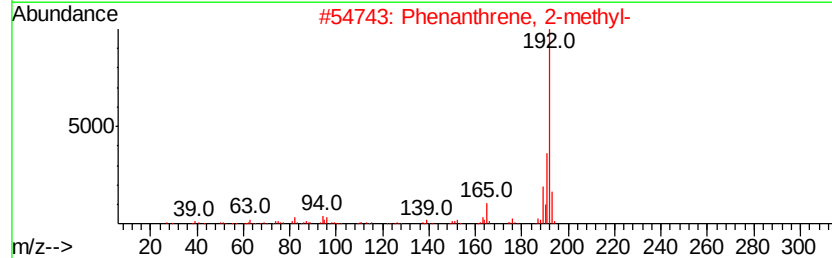
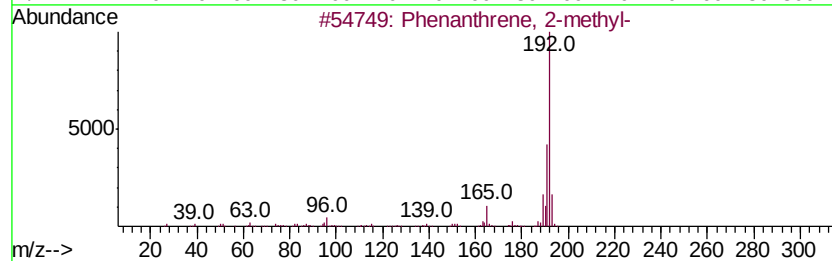
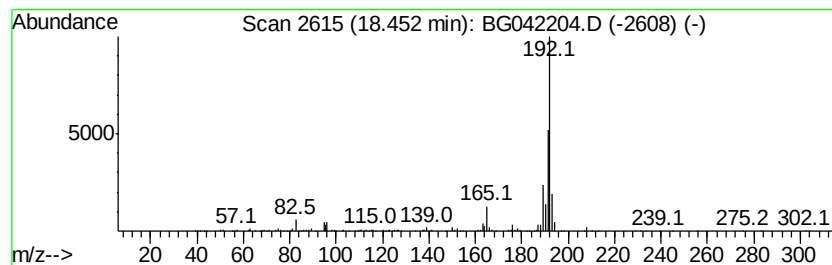
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Anthracene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.45	4.80 ng/ul	316414	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
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Instrument :
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ClientSampleId :
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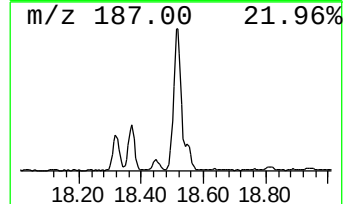
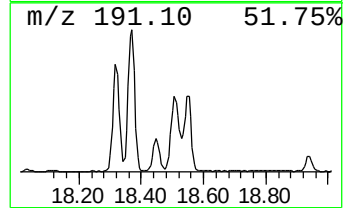
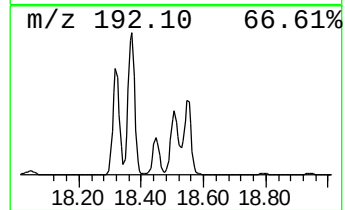
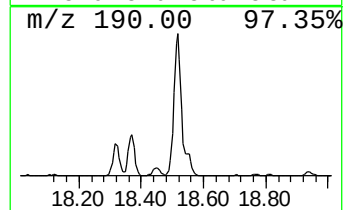
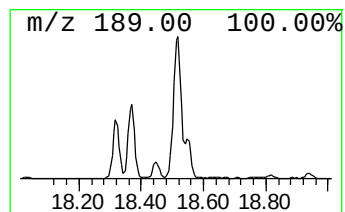
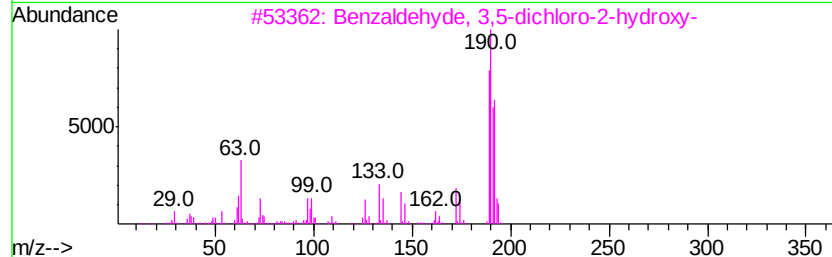
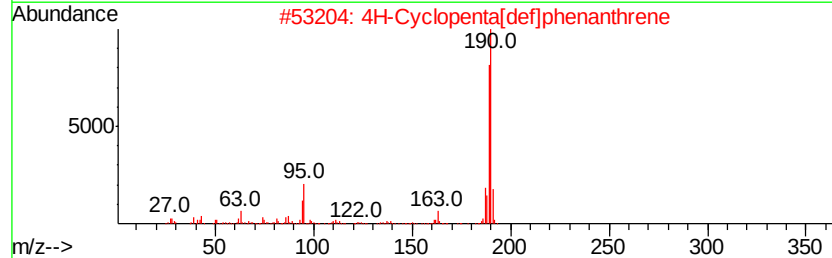
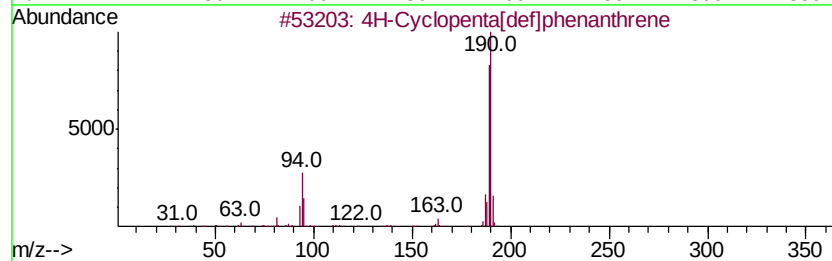
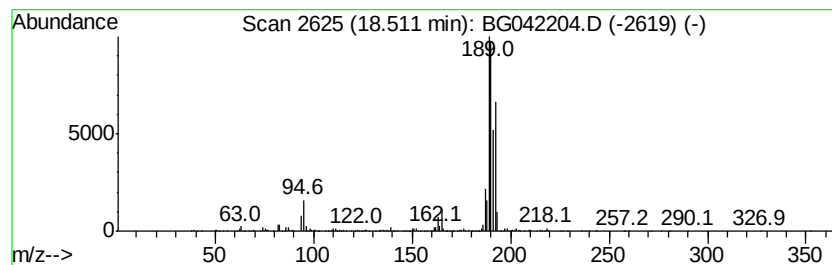
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	19.86 ng/ul	1308110	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
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Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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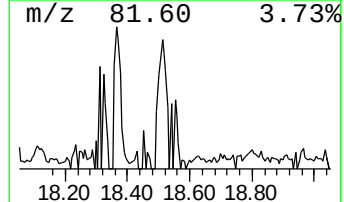
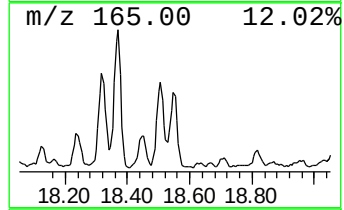
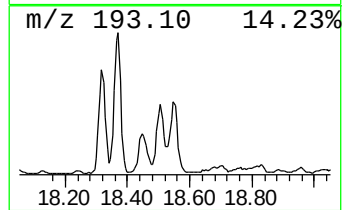
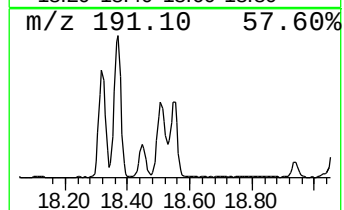
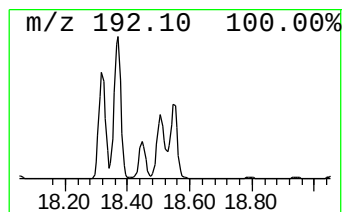
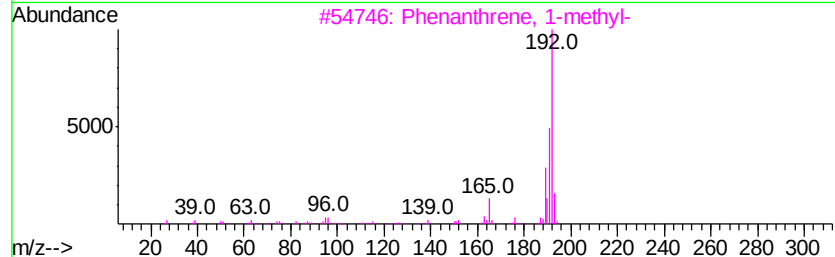
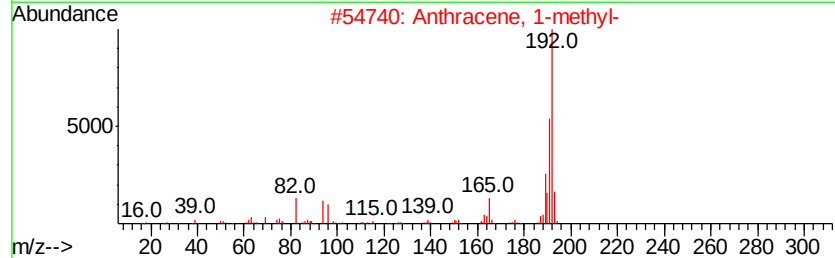
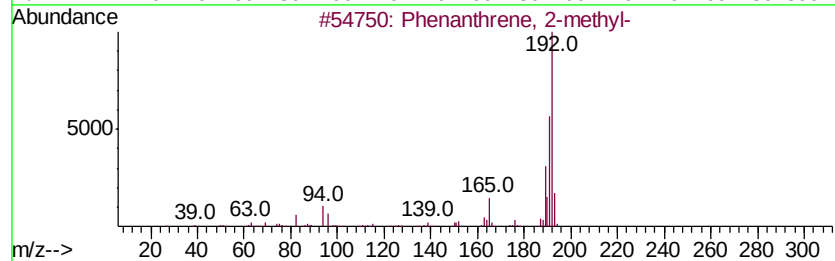
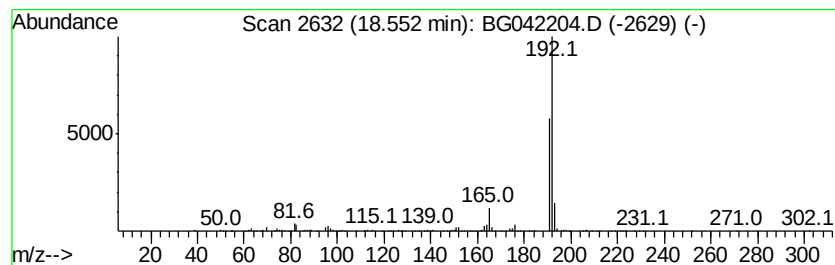
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	8.66 ng/ul	570074	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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Acq On : 14 Aug 2019 10:37
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Instrument :
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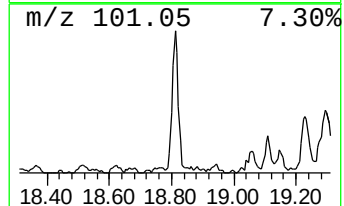
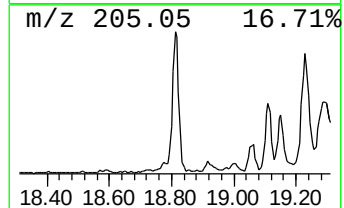
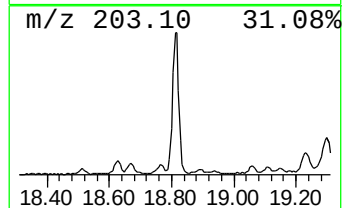
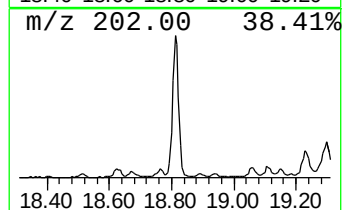
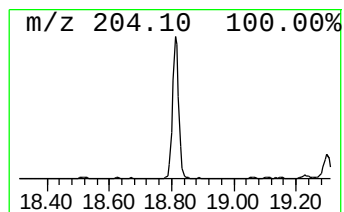
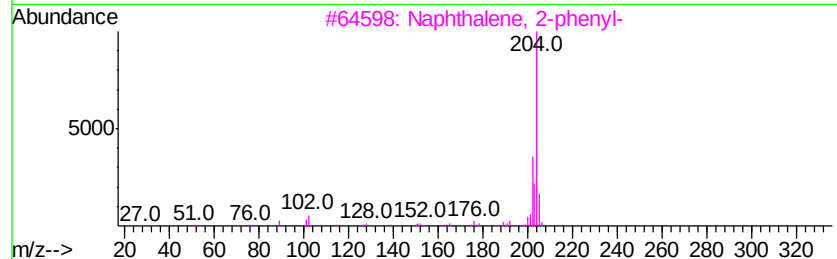
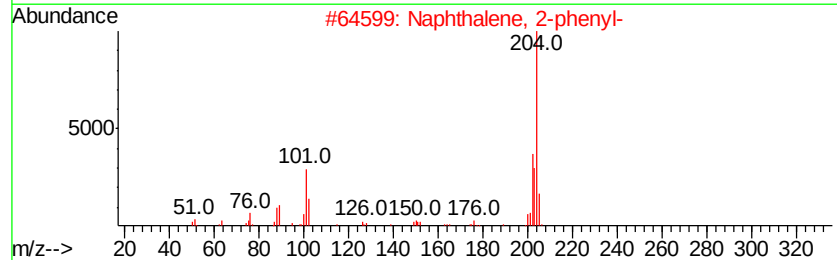
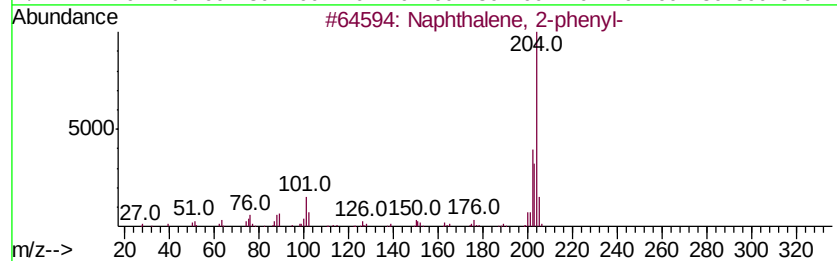
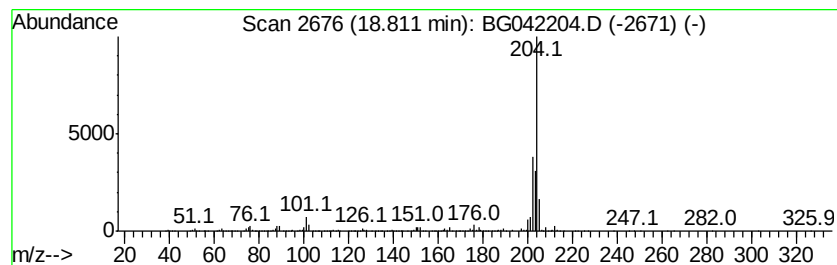
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	9.73 ng/ul	640869	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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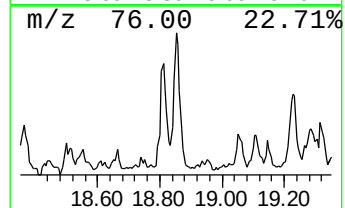
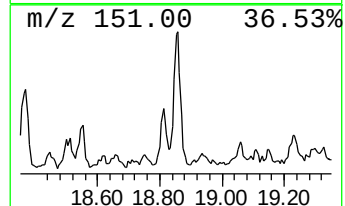
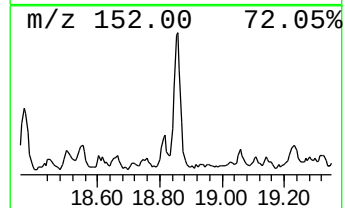
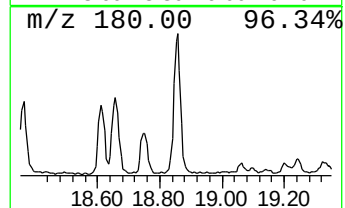
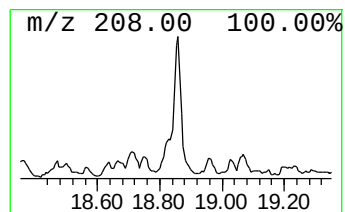
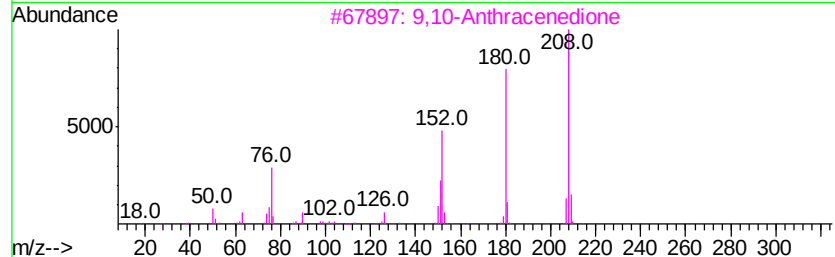
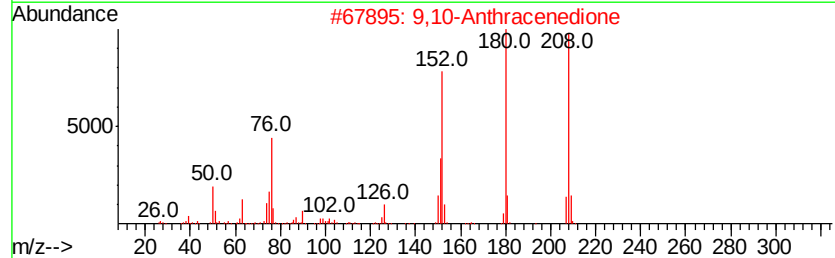
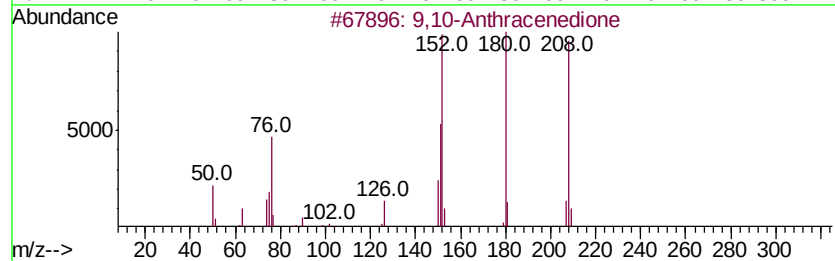
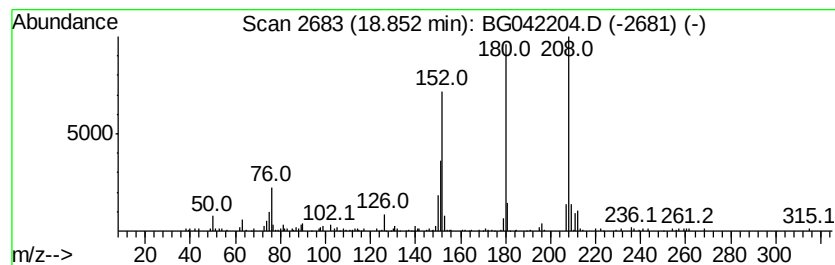
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Anthracenedione Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	2.87 ng/ul	189304	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

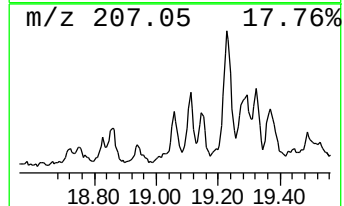
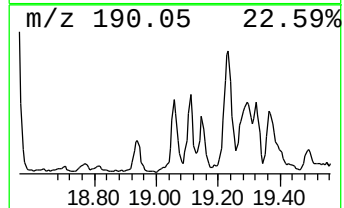
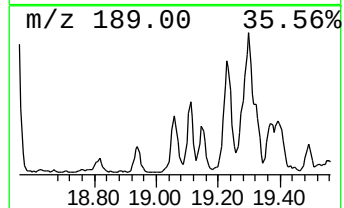
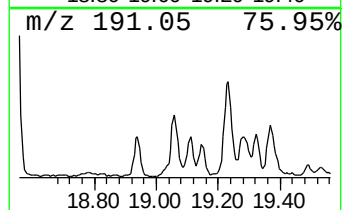
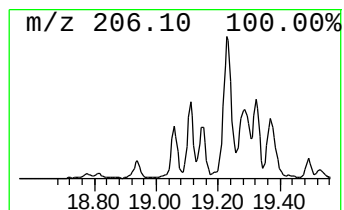
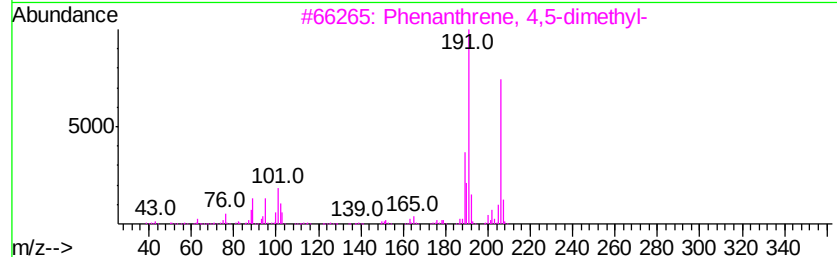
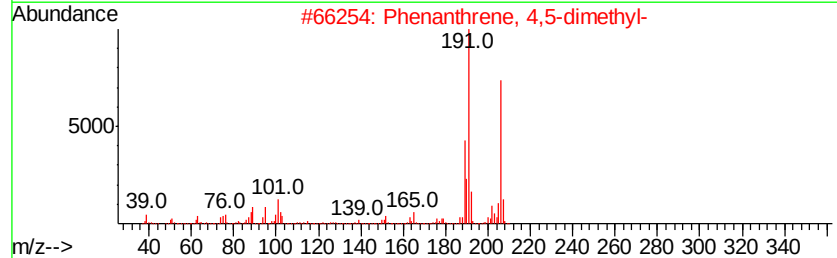
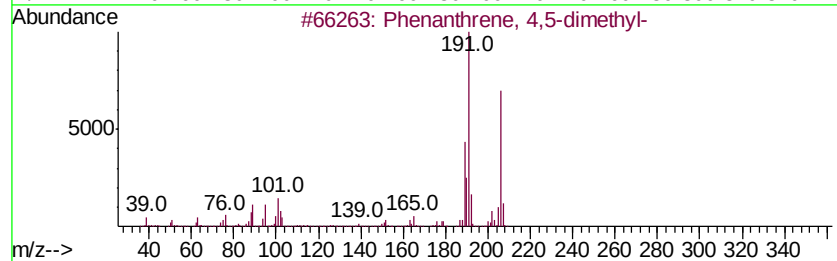
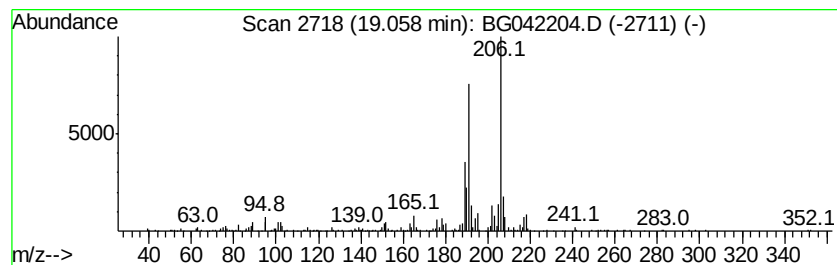
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 4,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	4.17 ng/ul	274423	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	90
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB5P1

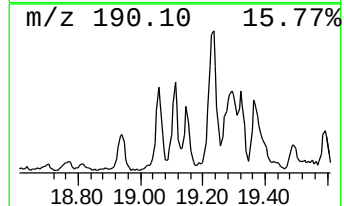
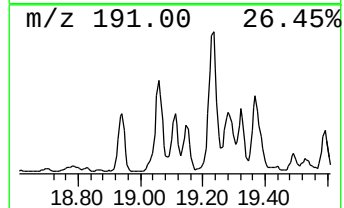
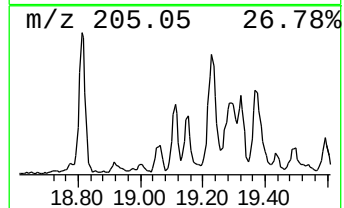
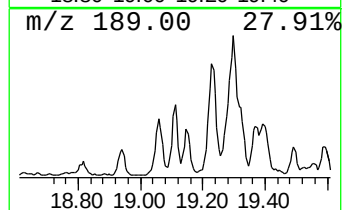
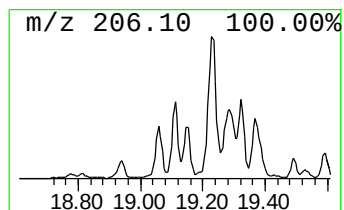
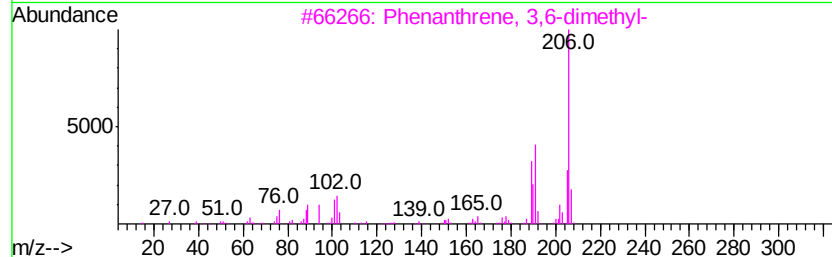
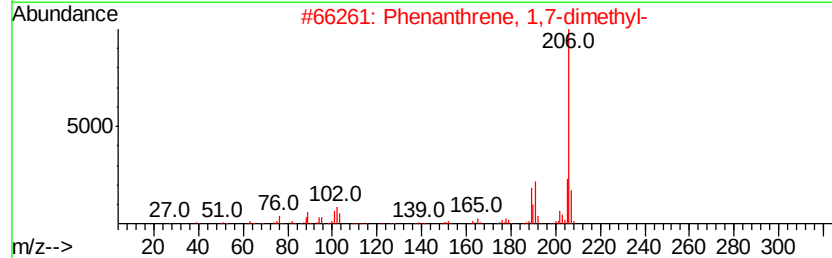
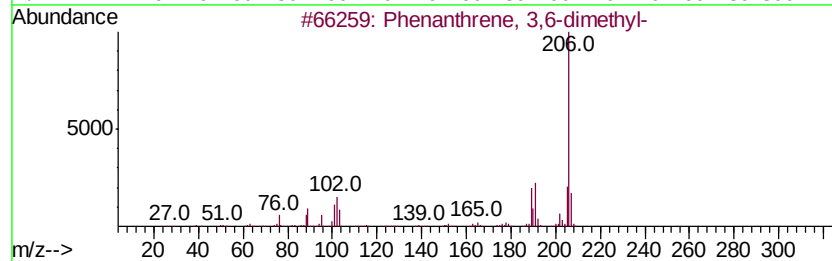
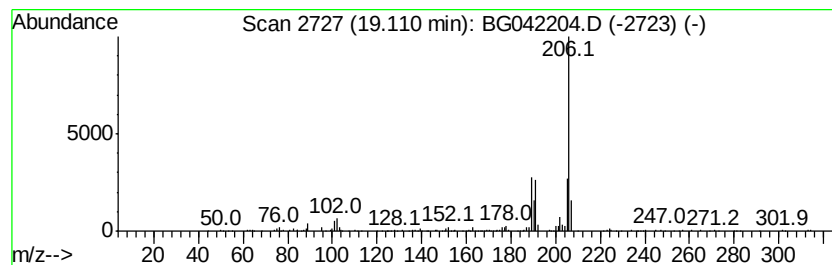
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	3.38 ng/ul	222564	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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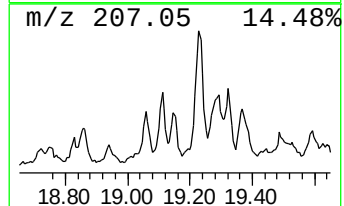
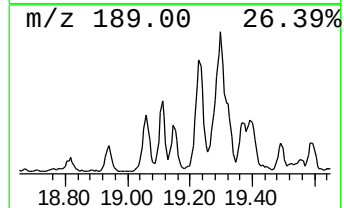
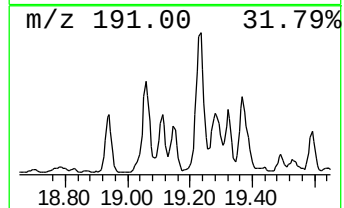
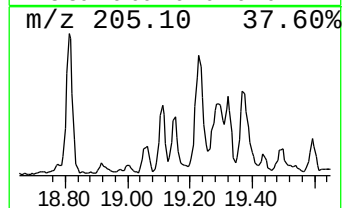
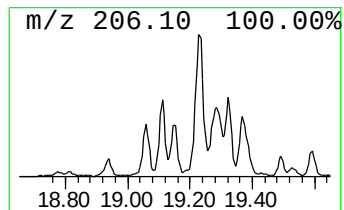
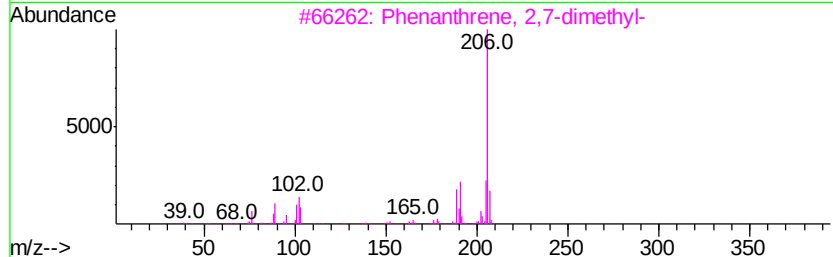
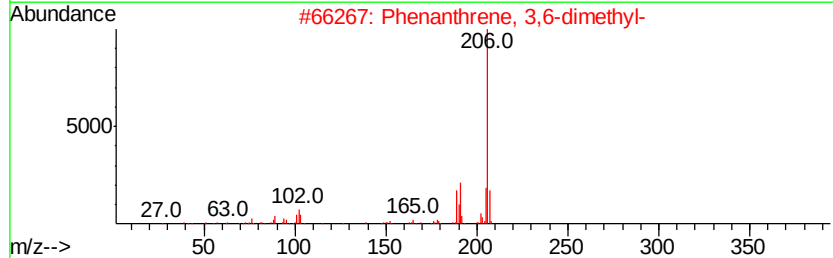
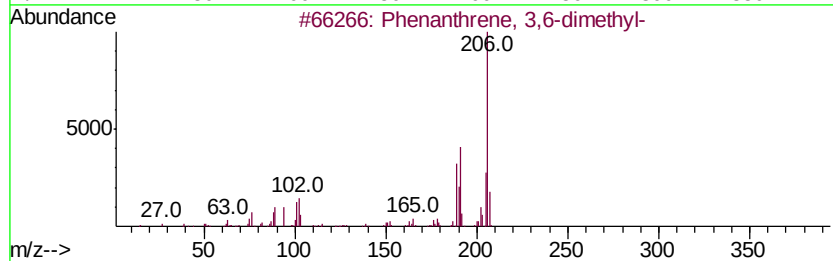
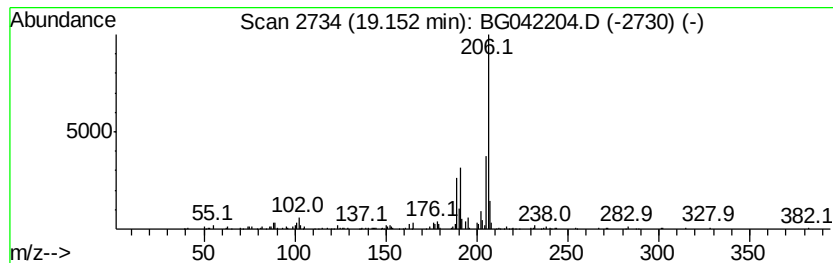
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.43 ng/ul	159751	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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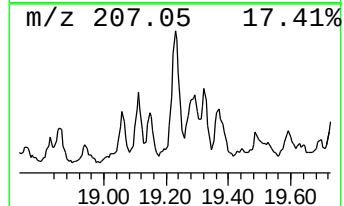
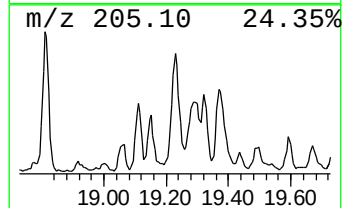
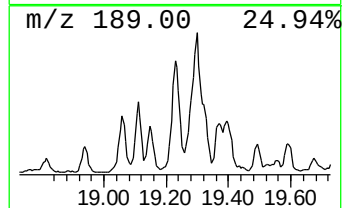
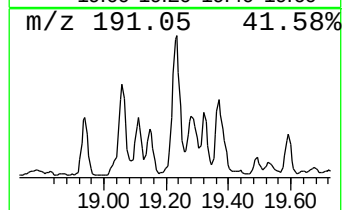
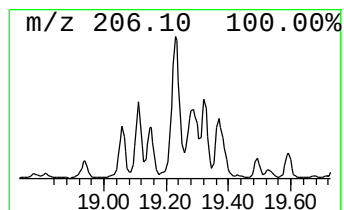
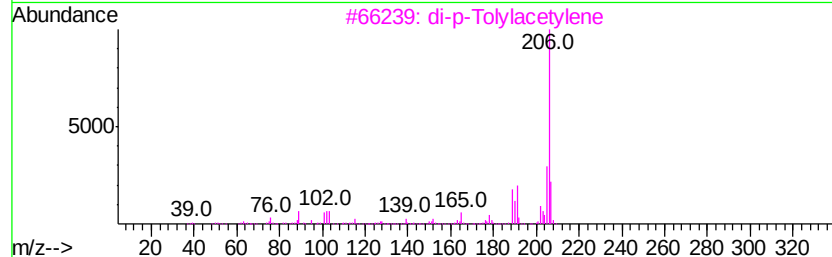
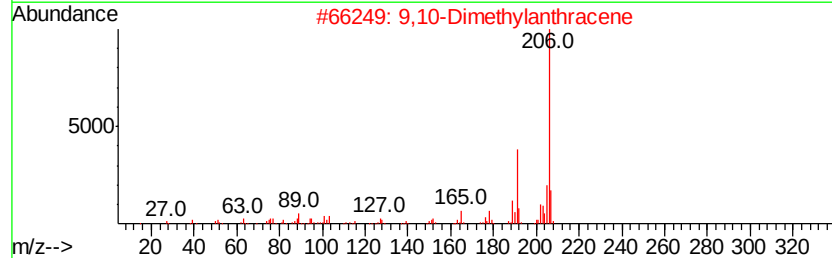
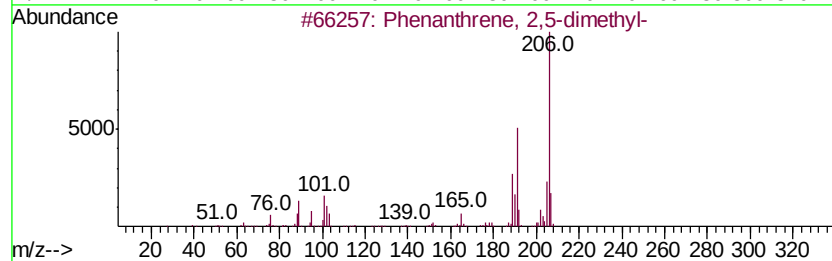
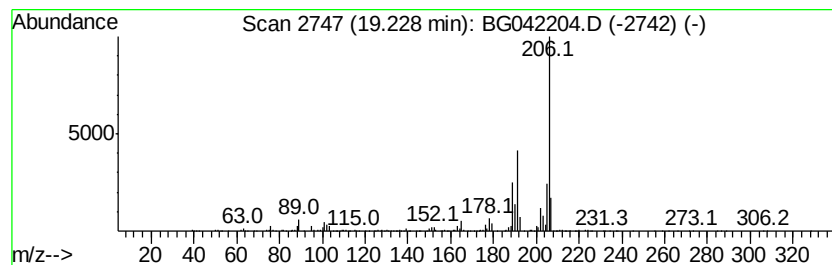
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	8.66 ng/ul	570272	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042204.D
Acq On : 14 Aug 2019 10:37
Operator : HP/JU
Sample : K4304-10
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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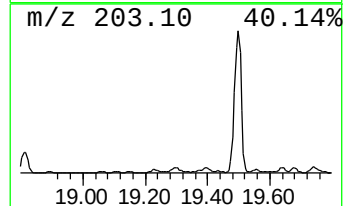
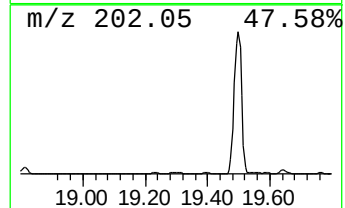
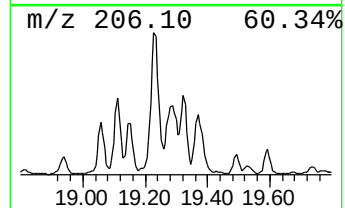
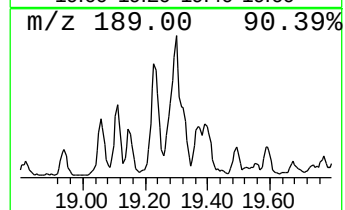
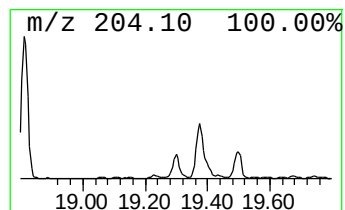
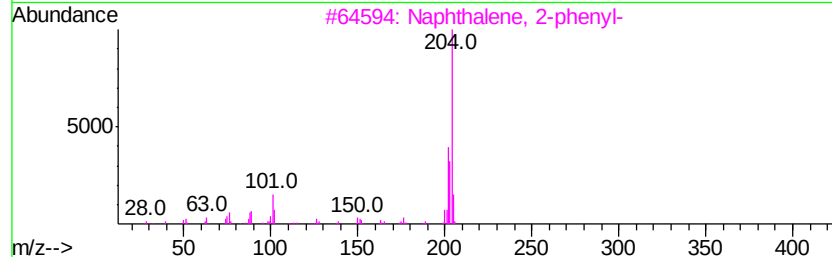
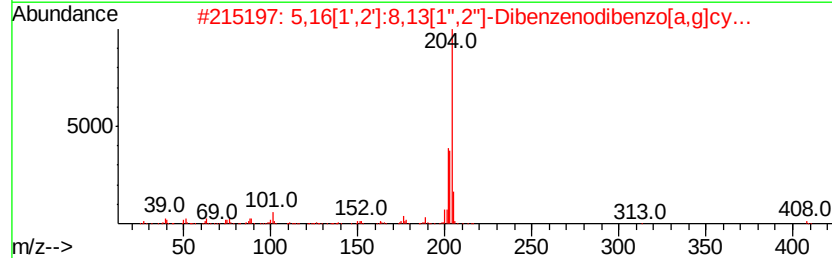
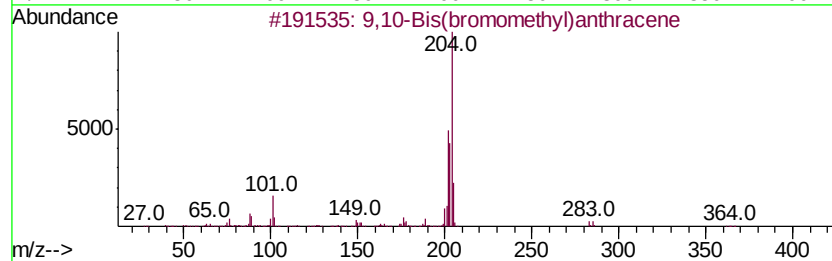
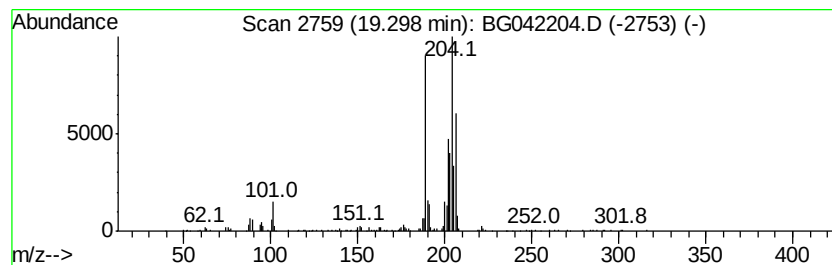
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	6.25 ng/ul	411755	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
2		5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
4		Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	42
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
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ALS Vial : 66 Sample Multiplier: 1

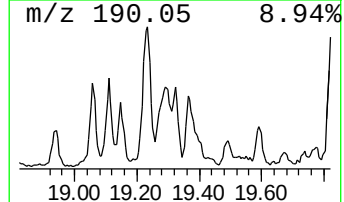
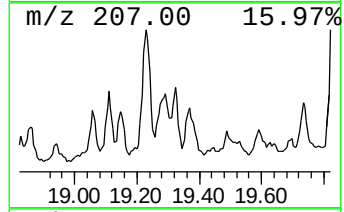
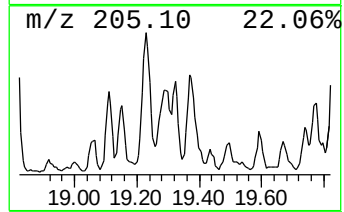
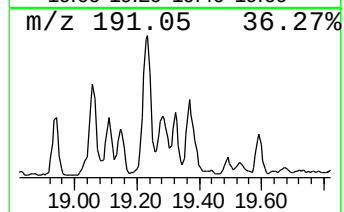
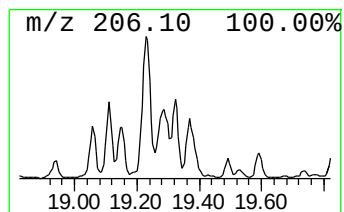
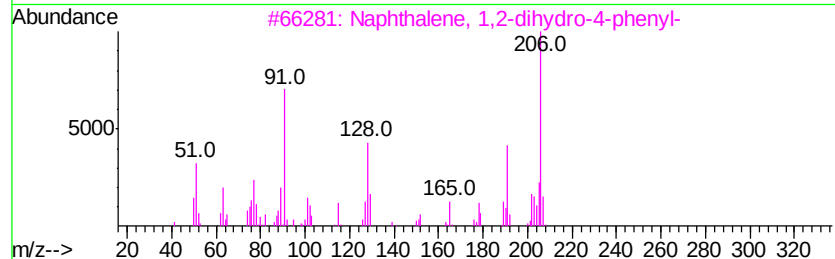
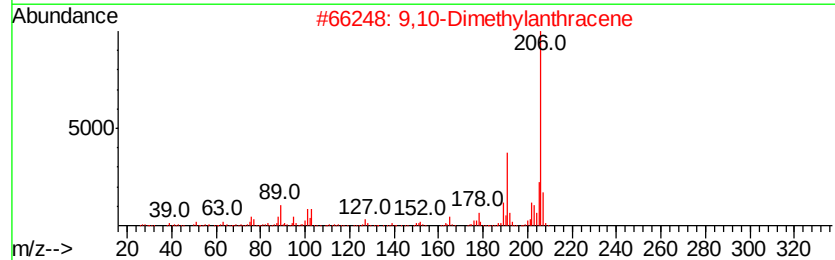
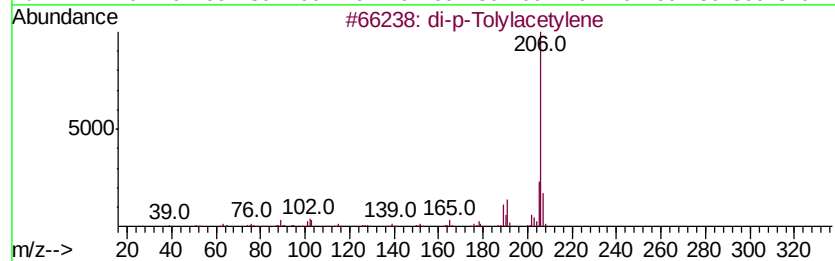
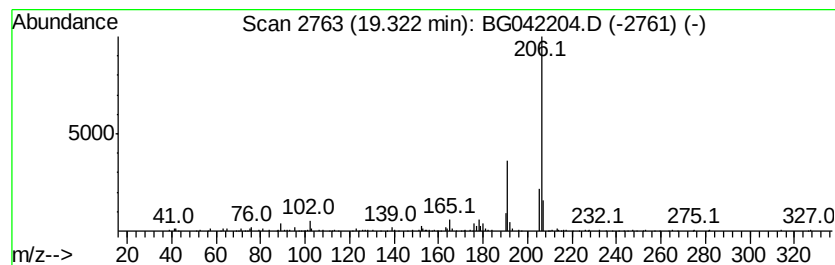
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 di-p-Tolylacetylene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.32	2.74 ng/ul	180487	Phenanthrene-d10	17.44		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		di-p-Tolylacetylne	206	C16H14	002789-88-0	90
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
3		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
4		Benzothieno[2,3-d]pyrimidin-4(3H...	206	C10H10N2OS	014346-24-8	86
5		di-p-Tolylacetylne	206	C16H14	002789-88-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081319\
 Data File : BG042204.D
 Acq On : 14 Aug 2019 10:37
 Operator : HP/JU
 Sample : K4304-10
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB5P1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	130.5	ng/ul	3260070	1	8.02	499526	20.0
Naphthalene, 1-me...	12.73	6.3	ng/ul	242039	2	10.85	774207	20.0
Naphthalene, 1,6-...	13.86	3.5	ng/ul	213936	3	14.69	1205320	20.0
Naphthalene, 2,6-...	14.00	5.0	ng/ul	298631	3	14.69	1205320	20.0
Naphthalene, 1,5-...	14.24	2.2	ng/ul	130540	3	14.69	1205320	20.0
Naphthalene, 2,3,...	15.16	2.4	ng/ul	142308	3	14.69	1205320	20.0
Naphthalene, 1,6,...	15.30	2.1	ng/ul	128227	3	14.69	1205320	20.0
Naphthalene, 1,4,...	15.47	2.3	ng/ul	136224	3	14.69	1205320	20.0
2,4,6-Cycloheptat...	16.03	4.8	ng/ul	287414	3	14.69	1205320	20.0
[1,1'-Biphenyl]-4...	16.18	5.9	ng/ul	390471	4	17.44	1317210	20.0
9H-Fluorene, 1-me...	16.74	5.8	ng/ul	384126	4	17.44	1317210	20.0
Benzene, 1,2-dime...	16.97	4.0	ng/ul	262235	4	17.44	1317210	20.0
9H-Fluoren-9-one	17.09	4.3	ng/ul	283977	4	17.44	1317210	20.0
8-Dimethylaminona...	17.17	4.9	ng/ul	321132	4	17.44	1317210	20.0
Dibenzothiophene	17.25	5.3	ng/ul	349883	4	17.44	1317210	20.0
Anthracene, 9-eth...	17.96	2.1	ng/ul	139280	4	17.44	1317210	20.0
1-Methyldibenzoth...	18.02	2.2	ng/ul	142095	4	17.44	1317210	20.0
Phenanthrene, 2-m...	18.32	14.4	ng/ul	950039	4	17.44	1317210	20.0
1H-Cyclopropa[l]p...	18.37	18.7	ng/ul	1228760	4	17.44	1317210	20.0
Anthracene, 1-met...	18.45	4.8	ng/ul	316414	4	17.44	1317210	20.0
4H-Cyclopenta[def...	18.51	19.9	ng/ul	1308110	4	17.44	1317210	20.0
Phenanthrene, 1-m...	18.55	8.7	ng/ul	570074	4	17.44	1317210	20.0
Naphthalene, 2-ph...	18.81	9.7	ng/ul	640869	4	17.44	1317210	20.0
9,10-Anthracenedione	18.85	2.9	ng/ul	189304	4	17.44	1317210	20.0
Phenanthrene, 4,5...	19.06	4.2	ng/ul	274423	4	17.44	1317210	20.0
Phenanthrene, 3,6...	19.11	3.4	ng/ul	222564	4	17.44	1317210	20.0
Phenanthrene, 2,7...	19.15	2.4	ng/ul	159751	4	17.44	1317210	20.0
Phenanthrene, 2,5...	19.23	8.7	ng/ul	570272	4	17.44	1317210	20.0
unknown-01	19.30	6.3	ng/ul	411755	4	17.44	1317210	20.0
di-p-Tolylacetylene	19.32	2.7	ng/ul	180487	4	17.44	1317210	20.0