

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
 Data File : BG042034.D
 Acq On : 7 Aug 2019 16:56
 Operator : HP/JU
 Sample : K4028-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR5

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	3.147	5	10	29	rVB	1464422	2334825	100.00%	6.638%
2	4.169	179	184	193	rVB	11799	19409	0.83%	0.055%
3	7.178	687	696	707	rBV	147006	286173	12.26%	0.814%
4	7.348	716	725	735	rBV	119505	216226	9.26%	0.615%
5	7.554	754	760	773	rBV	169095	301760	12.92%	0.858%
6	8.030	833	841	851	rBV	192805	333179	14.27%	0.947%
7	8.735	954	961	973	rBV	171466	317485	13.60%	0.903%
8	9.193	1032	1039	1049	rBV	163353	294244	12.60%	0.837%
9	9.921	1156	1163	1180	rBV	137940	259817	11.13%	0.739%
10	10.468	1249	1256	1271	rBV	226997	429004	18.37%	1.220%
11	10.856	1313	1322	1328	rBV	273030	514098	22.02%	1.462%
12	10.979	1334	1343	1363	rBV	138188	303310	12.99%	0.862%
13	13.582	1779	1786	1794	rVB	28030	44802	1.92%	0.127%
14	14.087	1865	1872	1876	rBV	482774	708855	30.36%	2.015%
15	14.134	1876	1880	1886	rVB	194874	280859	12.03%	0.799%
16	14.381	1911	1922	1935	rBV	552096	927591	39.73%	2.637%
17	14.686	1967	1974	1981	rBV2	511573	788670	33.78%	2.242%
18	14.751	1981	1985	1990	rVB2	12973	19843	0.85%	0.056%
19	14.874	2000	2006	2014	rBV	80734	175200	7.50%	0.498%
20	15.092	2037	2043	2050	rVB4	22086	34303	1.47%	0.098%
21	15.486	2104	2110	2116	rBV5	9213	19824	0.85%	0.056%
22	15.679	2135	2143	2149	rBV	748128	1155011	49.47%	3.284%
23	15.738	2149	2153	2157	rVB2	15596	22202	0.95%	0.063%
24	15.791	2157	2162	2171	rBV	137008	237478	10.17%	0.675%
25	16.408	2262	2267	2274	rVB7	15398	31056	1.33%	0.088%
26	17.090	2379	2383	2391	rBV5	10944	21231	0.91%	0.060%
27	17.260	2408	2412	2418	rVV	15508	28244	1.21%	0.080%
28	17.348	2426	2427	2433	rVB5	16692	18400	0.79%	0.052%
29	17.436	2433	2442	2447	rBV2	615430	1007730	43.16%	2.865%
30	17.477	2447	2449	2454	rVV	196354	265853	11.39%	0.756%
31	17.536	2454	2459	2469	rVB	759614	1247775	53.44%	3.548%
32	17.624	2469	2474	2481	rBV8	15253	31774	1.36%	0.090%
33	17.836	2504	2510	2515	rBV3	22611	51897	2.22%	0.148%
34	17.889	2516	2519	2523	rVV4	21750	33171	1.42%	0.094%

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35	17.930	2523	2526	2529	rVV5	13840	21850	0.94%	0.062%
36	18.024	2536	2542	2550	rBV2	47951	99856	4.28%	0.284%
37	18.159	2561	2565	2571	rBV4	27337	48422	2.07%	0.138%
38	18.329	2583	2594	2597	rBV2	100778	239462	10.26%	0.681%
39	18.364	2597	2600	2604	rVB	87134	120033	5.14%	0.341%
40	18.447	2610	2614	2620	rBV3	33365	74229	3.18%	0.211%
41	18.511	2620	2625	2629	rVV3	265479	434563	18.61%	1.236%
42	18.564	2629	2634	2638	rVV2	90759	184399	7.90%	0.524%
43	18.611	2638	2642	2648	rVB5	58600	93127	3.99%	0.265%
44	18.717	2655	2660	2664	rBV2	14018	27811	1.19%	0.079%
45	18.793	2668	2673	2679	rVV2	105410	210823	9.03%	0.599%
46	18.846	2679	2682	2689	rVV4	51599	84737	3.63%	0.241%
47	18.934	2692	2697	2699	rBV4	32253	49144	2.10%	0.140%
48	18.964	2699	2702	2706	rVB	50048	65365	2.80%	0.186%
49	19.034	2709	2714	2715	rBV5	22351	30513	1.31%	0.087%
50	19.058	2715	2718	2723	rVB2	44466	64776	2.77%	0.184%
51	19.111	2723	2727	2730	rBV2	26894	39542	1.69%	0.112%
52	19.146	2730	2733	2737	rVB3	24393	28987	1.24%	0.082%
53	19.193	2737	2741	2742	rBV3	34107	41774	1.79%	0.119%
54	19.228	2743	2747	2751	rVV	79734	145154	6.22%	0.413%
55	19.275	2751	2755	2760	rVV5	84825	179564	7.69%	0.511%
56	19.322	2760	2763	2765	rVV	169159	222167	9.52%	0.632%
57	19.352	2765	2768	2778	rVB2	258474	449483	19.25%	1.278%
58	19.434	2779	2782	2787	rBV4	36967	42280	1.81%	0.120%
59	19.493	2787	2792	2797	rVB	449109	639720	27.40%	1.819%
60	19.551	2798	2802	2807	rBV4	84882	167521	7.17%	0.476%
61	19.634	2811	2816	2821	rVB	375613	506150	21.68%	1.439%
62	19.692	2822	2826	2831	rBV3	121601	179778	7.70%	0.511%
63	19.827	2843	2849	2852	rBV	1037608	1752304	75.05%	4.982%
64	19.892	2858	2860	2863	rVB	83209	84460	3.62%	0.240%
65	19.968	2869	2873	2878	rVB	147014	190472	8.16%	0.542%
66	20.021	2878	2882	2885	rBV3	78102	111184	4.76%	0.316%
67	20.074	2886	2891	2899	rVB	347215	511877	21.92%	1.455%
68	20.198	2903	2912	2914	rBV3	72927	195580	8.38%	0.556%
69	20.339	2931	2936	2941	rBV3	228618	372097	15.94%	1.058%
70	20.386	2941	2944	2950	rVB	291044	355767	15.24%	1.012%
71	20.444	2950	2954	2959	rBV	71721	108005	4.63%	0.307%

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72	20.503	2960	2964	2968	rVV	104026	148690	6.37%	0.423%
73	20.538	2968	2970	2974	rVB3	66253	73541	3.15%	0.209%
74	20.615	2979	2983	2986	rBV	164182	198991	8.52%	0.566%
75	20.644	2986	2988	2990	rVV	57281	69017	2.96%	0.196%
76	20.691	2990	2996	3000	rVB3	191152	337835	14.47%	0.961%
77	20.768	3007	3009	3013	rVB4	26395	28515	1.22%	0.081%
78	20.862	3019	3025	3029	rVB3	52017	92907	3.98%	0.264%
79	20.938	3030	3038	3048	rVV3	229662	460310	19.71%	1.309%
80	21.273	3091	3095	3097	rBV3	95246	137245	5.88%	0.390%
81	21.337	3103	3106	3107	rBV	50033	49536	2.12%	0.141%
82	21.367	3108	3111	3120	rVB5	105365	244644	10.48%	0.696%
83	21.578	3142	3147	3148	rBV2	110792	158601	6.79%	0.451%
84	21.614	3148	3153	3159	rVV	1287905	1808175	77.44%	5.141%
85	21.719	3162	3171	3176	rVV2	716347	1713484	73.39%	4.872%
86	21.766	3176	3179	3192	rVB	307144	534501	22.89%	1.520%
87	21.925	3202	3206	3212	rVB3	103530	173238	7.42%	0.493%
88	22.548	3306	3312	3319	rBV3	131827	279997	11.99%	0.796%
89	23.259	3428	3433	3440	rVB	160181	303799	13.01%	0.864%
90	23.952	3543	3551	3558	rBV	171719	570670	24.44%	1.623%
91	24.087	3567	3574	3583	rVB	244281	538386	23.06%	1.531%
92	24.681	3669	3675	3681	rBV	111612	300976	12.89%	0.856%
93	24.763	3681	3689	3696	rVV	508931	1445027	61.89%	4.109%
94	24.833	3697	3701	3712	rVB	182474	419177	17.95%	1.192%
95	24.986	3718	3727	3734	rBV	393202	1127185	48.28%	3.205%
96	25.057	3734	3739	3757	rVB	252030	722381	30.94%	2.054%
97	26.220	3929	3937	3948	rVB	227665	688833	29.50%	1.959%
98	27.618	4165	4175	4186	rVB3	155160	596474	25.55%	1.696%
99	29.310	4452	4463	4479	rVB5	123990	561051	24.03%	1.595%
100	31.332	4797	4807	4823	rVB2	92302	453841	19.44%	1.290%

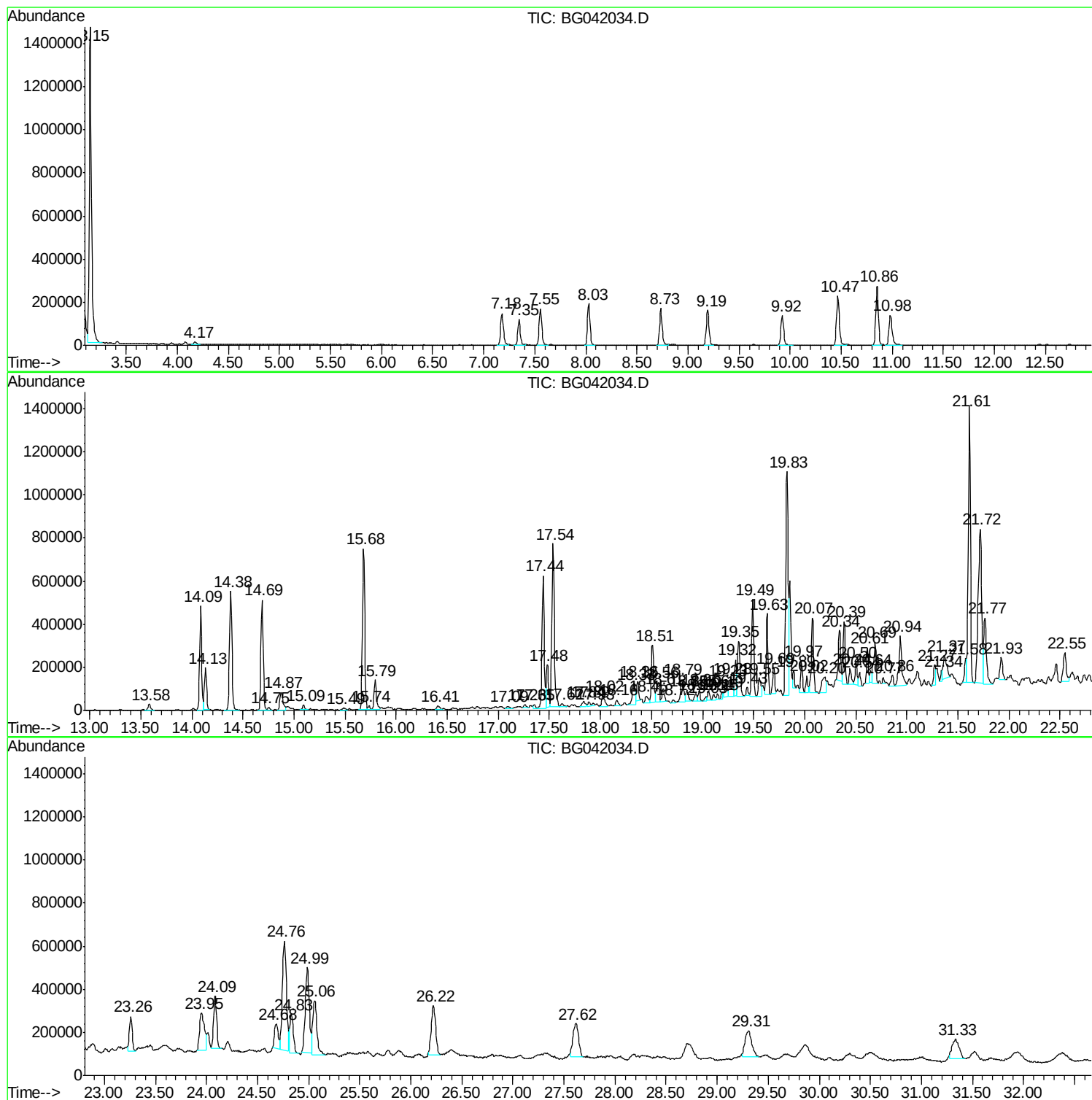
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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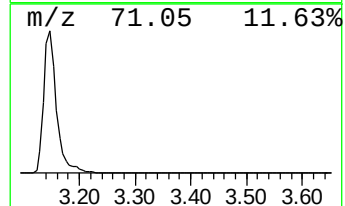
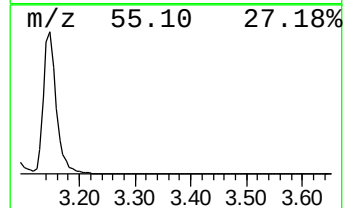
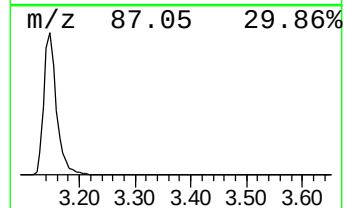
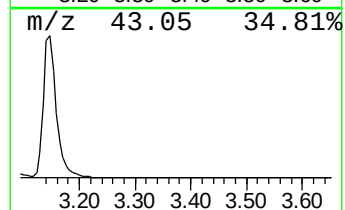
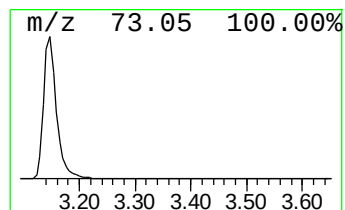
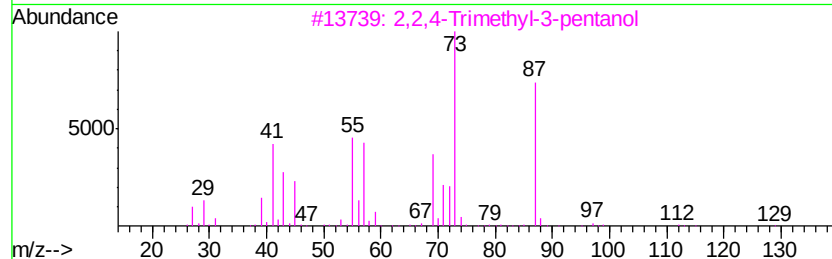
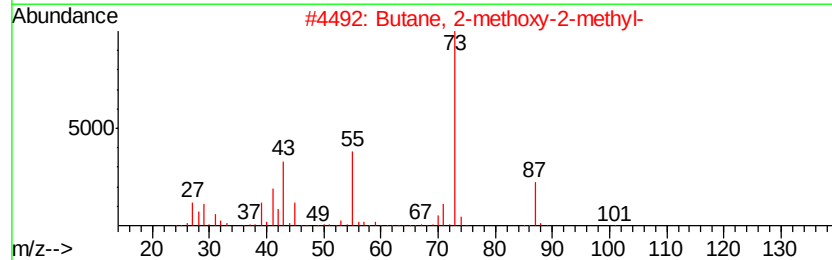
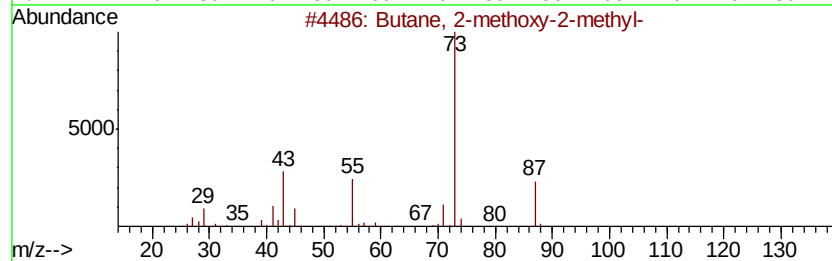
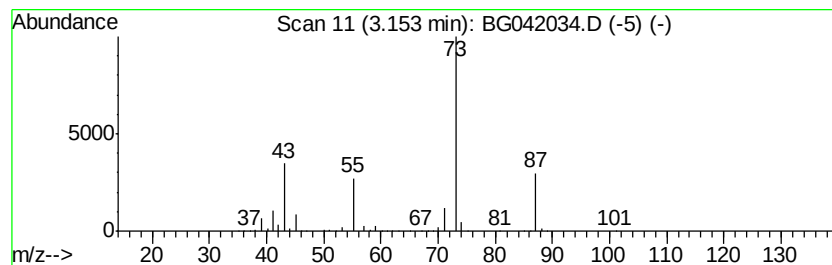
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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.		
3.15	140.15 ng/ul	2334830	1,4-Dichlorobenzene-d4	8.03		
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	59	
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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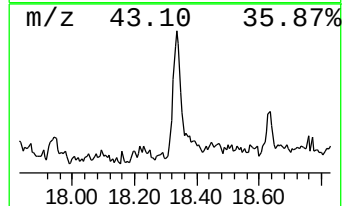
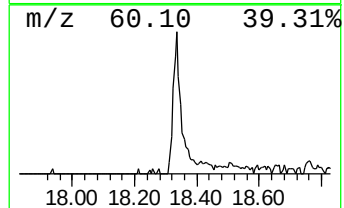
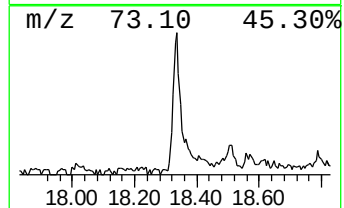
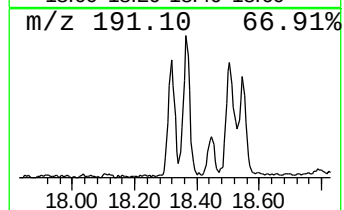
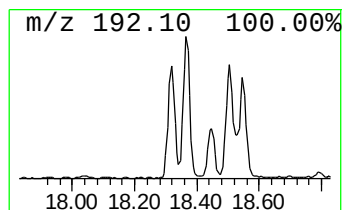
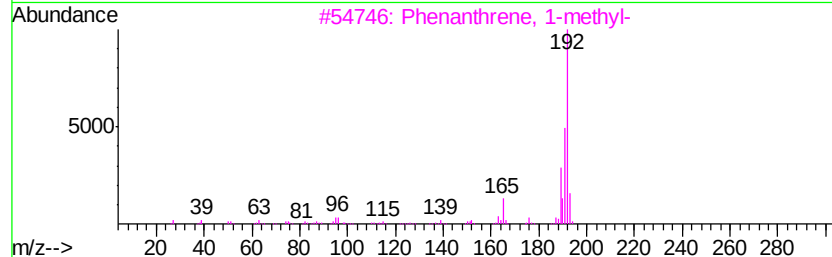
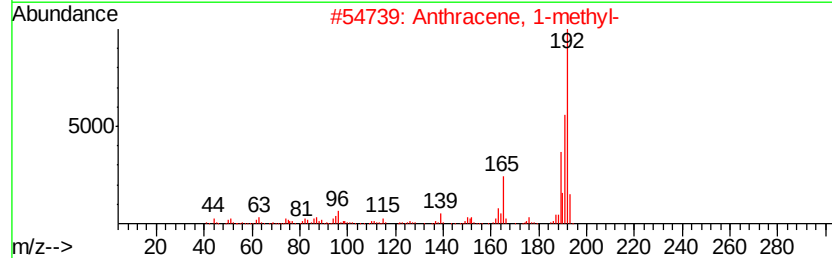
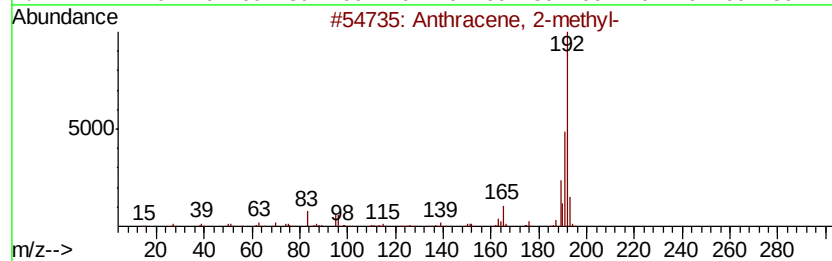
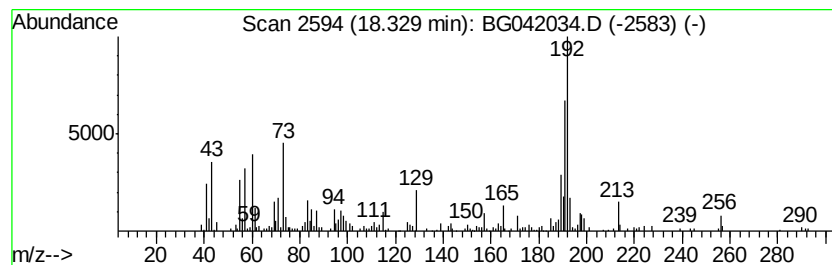
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	4.75 ng/ul	239462	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	60



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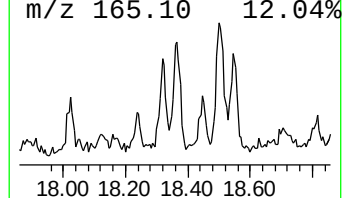
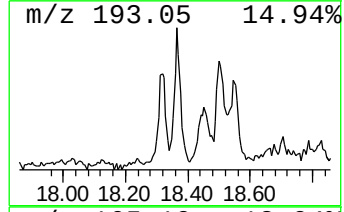
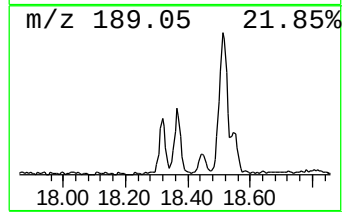
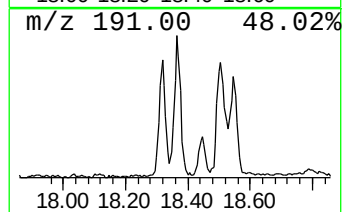
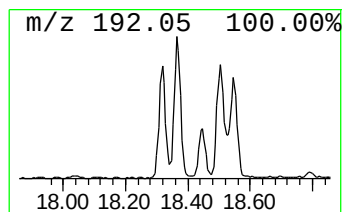
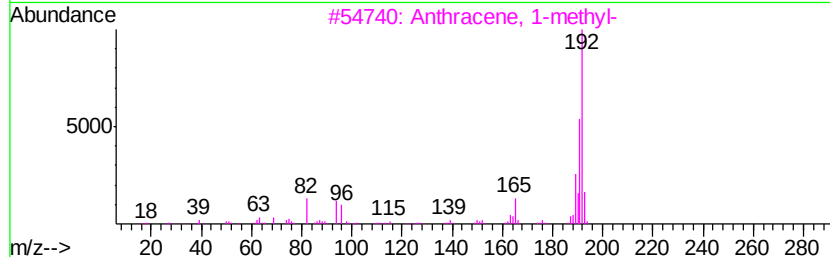
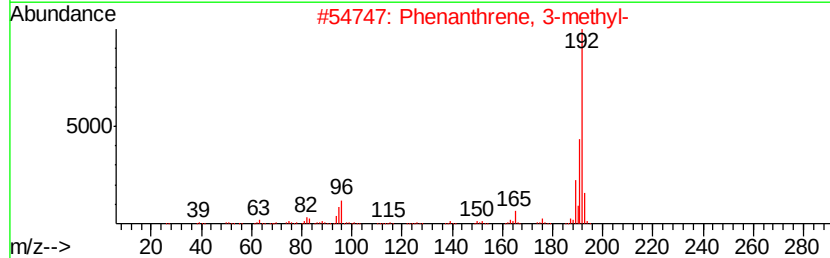
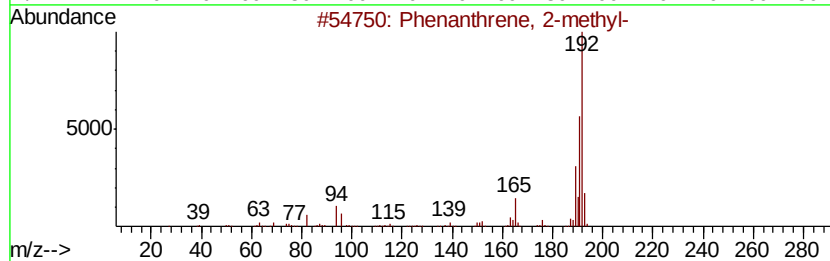
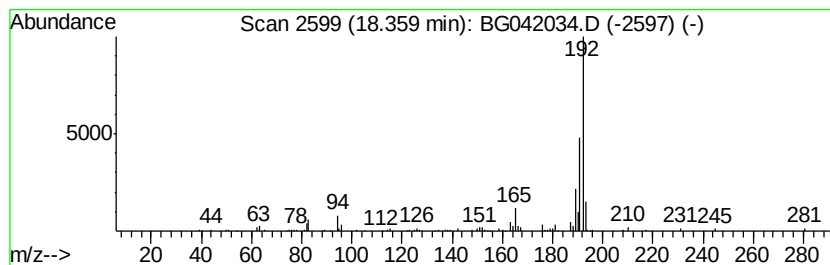
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.38 ng/ul	120033	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

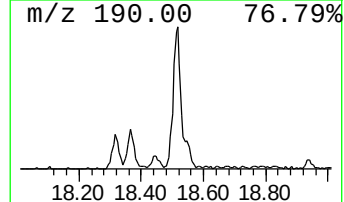
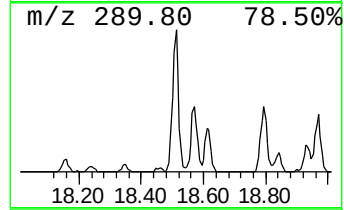
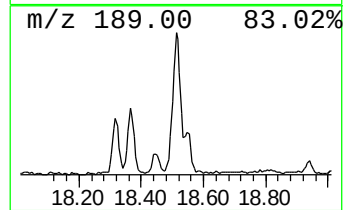
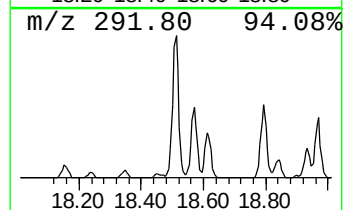
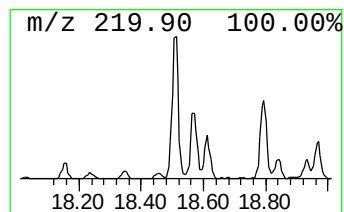
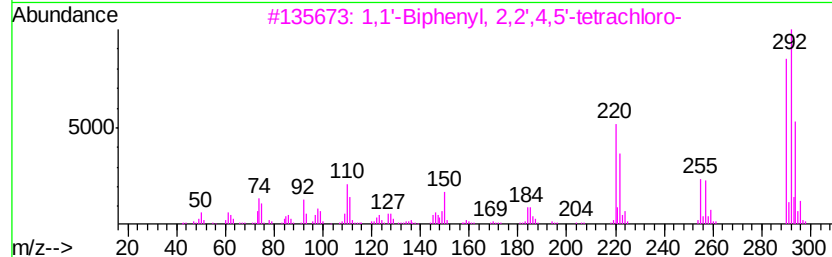
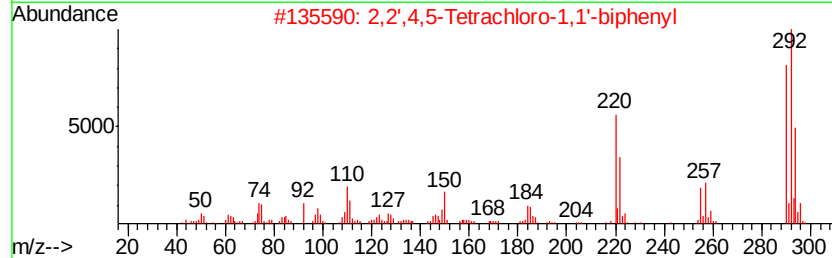
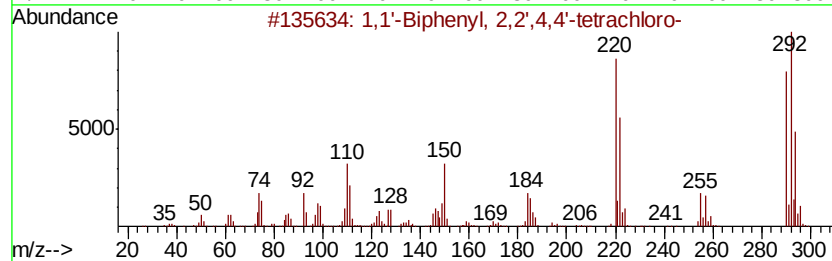
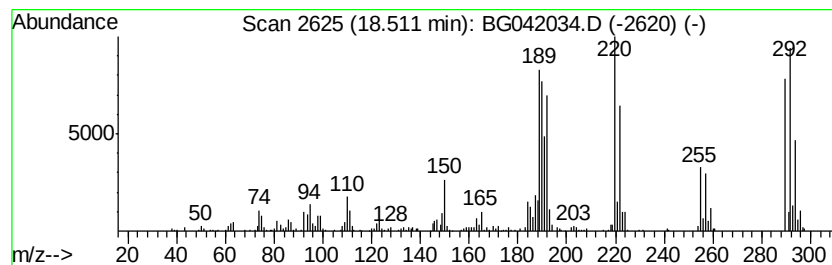
Instrument :
BNA_G
ClientSampleId :
BENR5

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 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.51	8.62 ng/ul	434563	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	97
2	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97
4	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
5	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

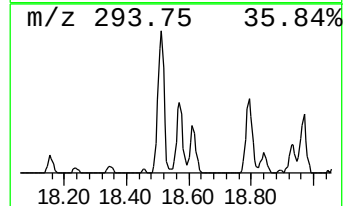
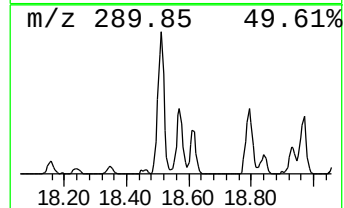
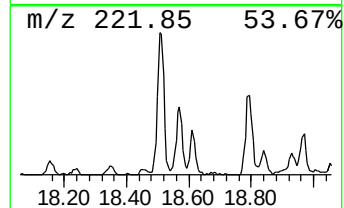
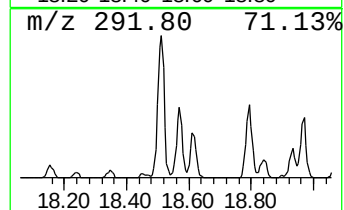
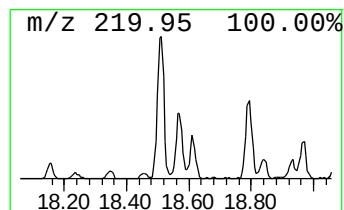
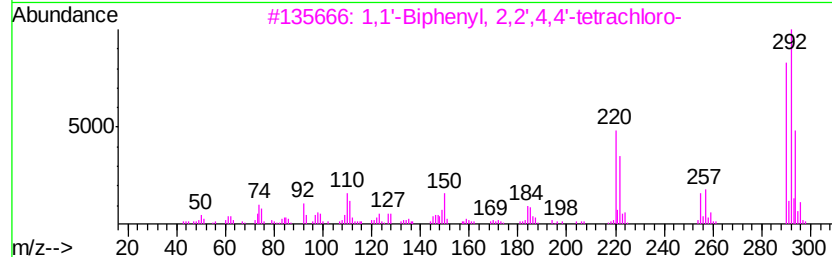
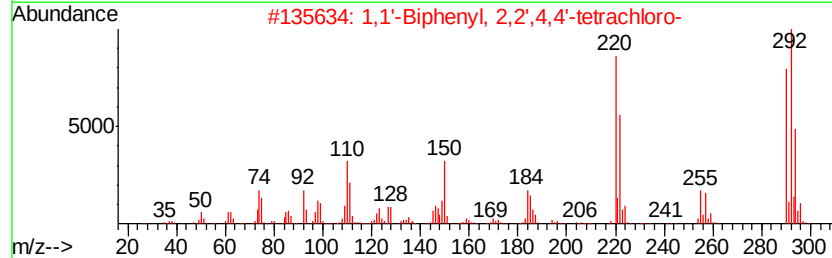
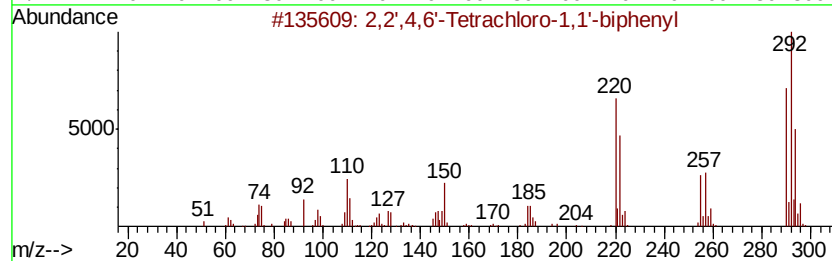
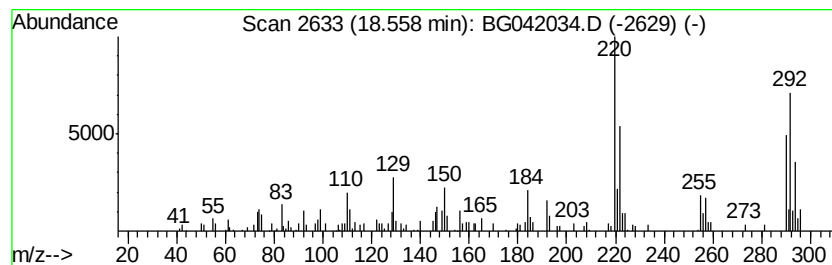
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 2,2',4,6'-Tetrachloro-1,1'-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.56	3.66 ng/ul	184399	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',4,6'-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	068194-04-7	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,2',4,4'-tetrachloro-	290	C12H6Cl4	002437-79-8	99
4		1,1'-Biphenyl, 2,2',3,4-tetrachloro-	290	C12H6Cl4	052663-59-9	99
5		1,1'-Biphenyl, 2,2',4,5'-tetrachloro-	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

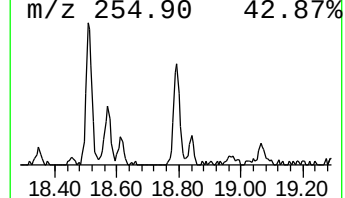
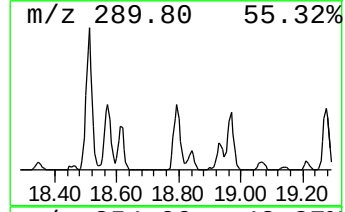
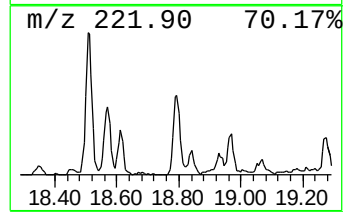
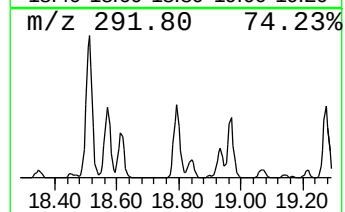
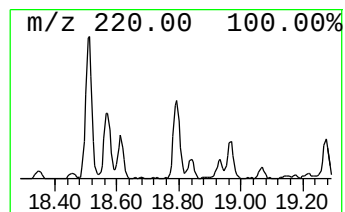
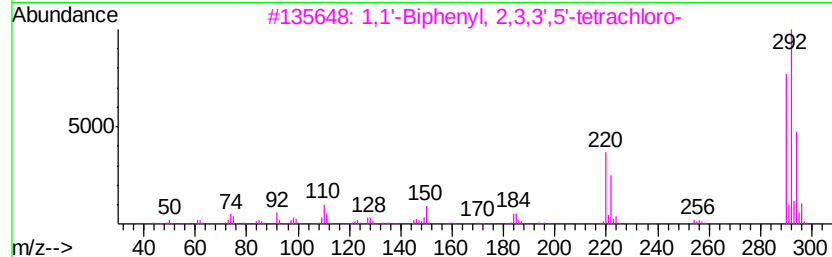
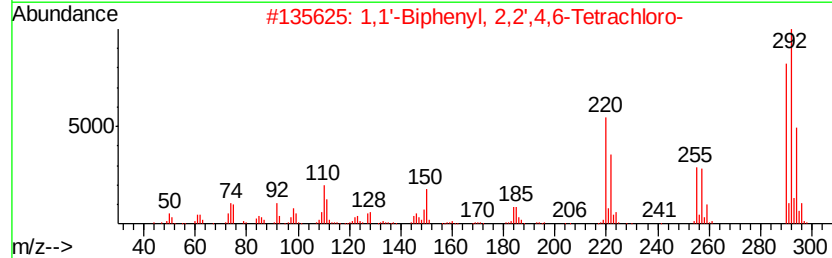
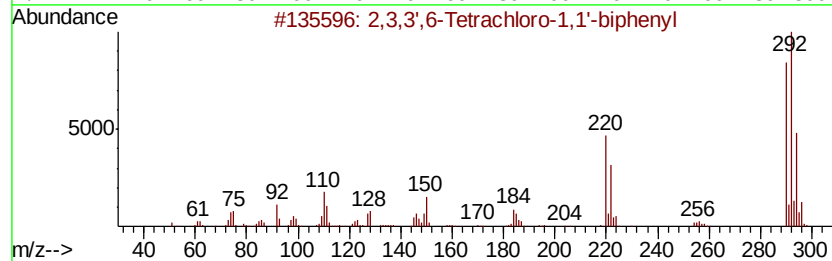
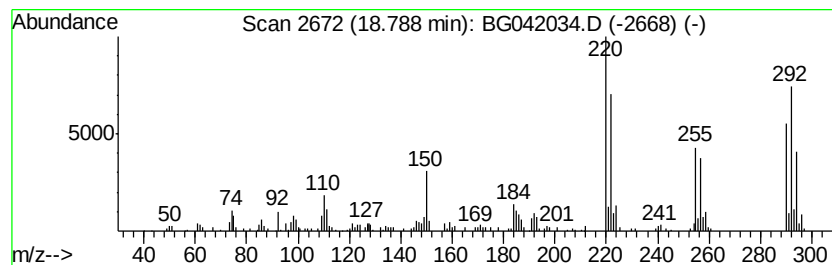
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 2,3,3',6-Tetrachloro-1,1'-b... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.			
18.79	4.18 ng/ul	210823	Phenanthrene-d10	17.44			
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	074472-33-6	99		
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
3	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99		
4	1,1'-Biphenyl, 2,2',3,4'-tetrach...	290	C12H6Cl4	036559-22-5	99		
5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	99		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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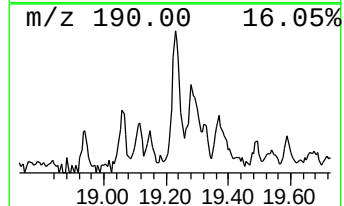
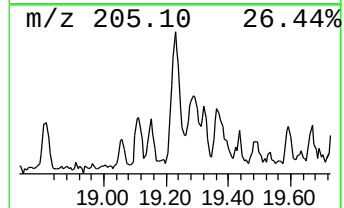
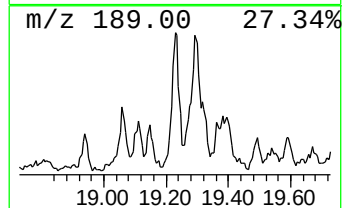
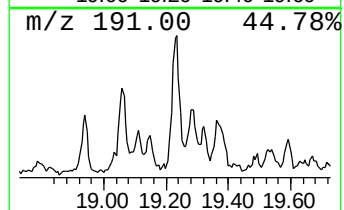
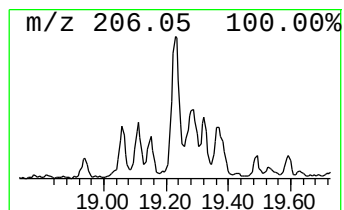
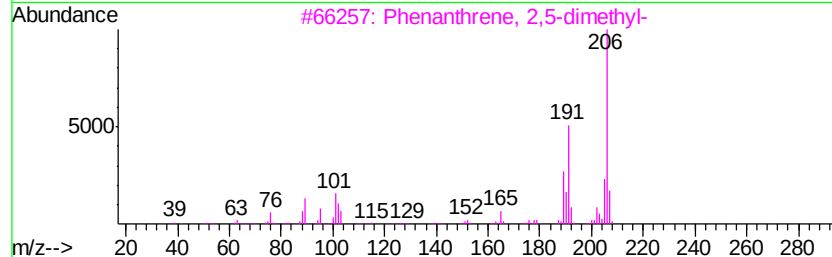
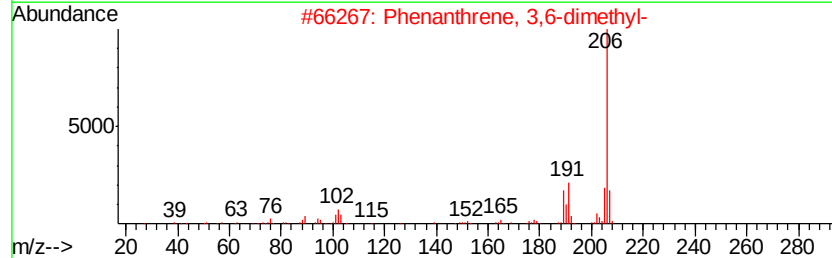
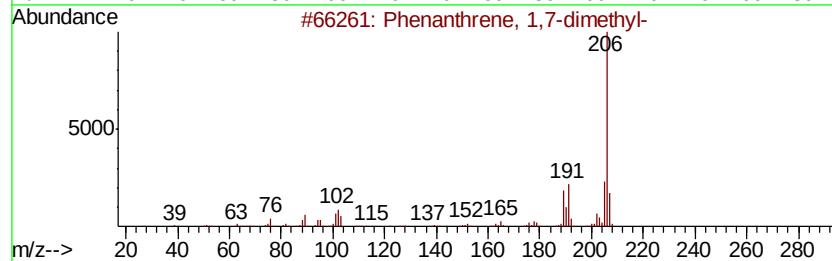
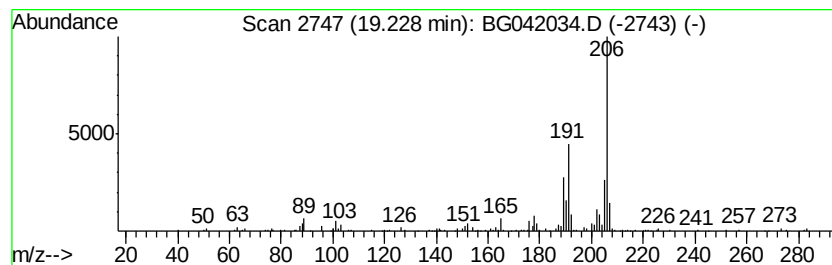
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.88 ng/ul	145154	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

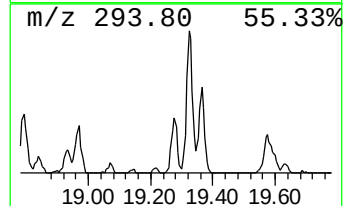
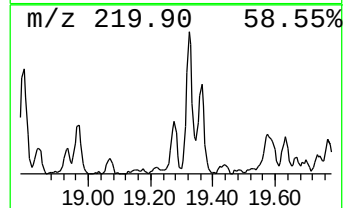
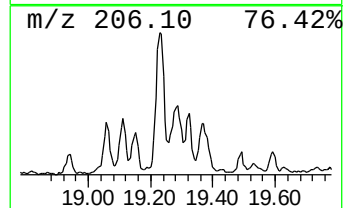
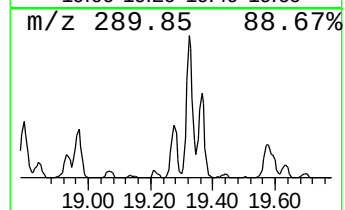
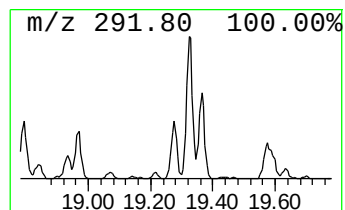
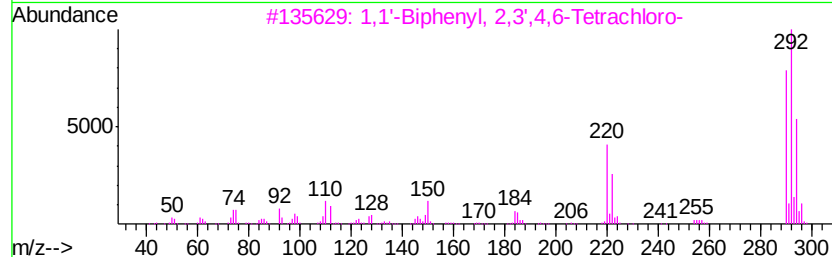
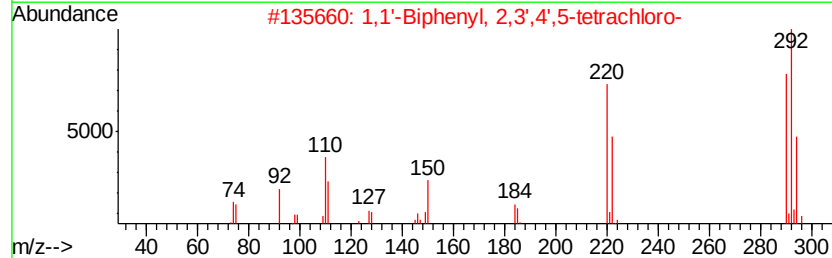
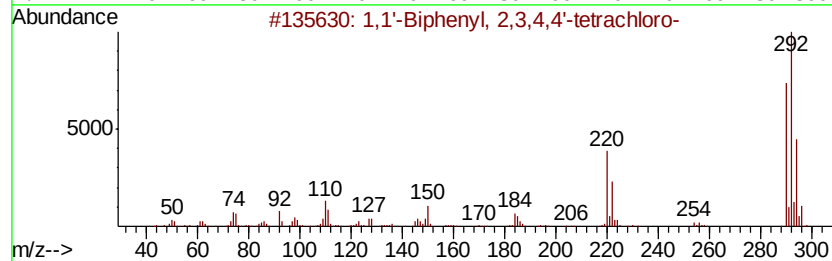
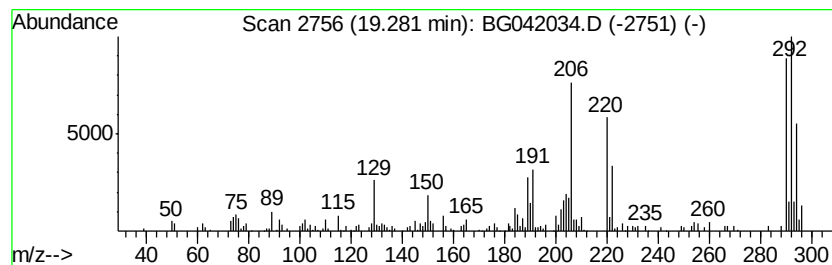
Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,3,4,4'-tet... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.28	3.56 ng/ul	179564	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,4,4'-tetrachl...	290	C12H6Cl4	033025-41-1	99
2	1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
3	1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	98
4	1,1'-Biphenyl, 3,3',5,5'-tetrach...	290	C12H6Cl4	033284-52-5	98
5	1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
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Misc :
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Instrument :
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ClientSampleId :
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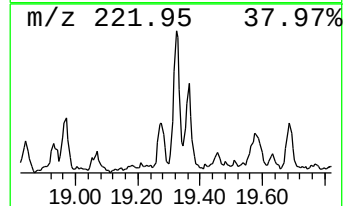
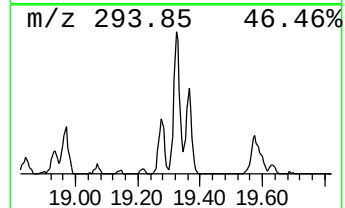
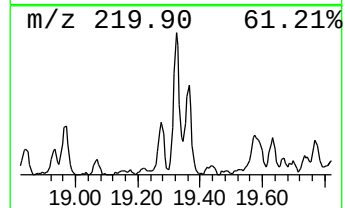
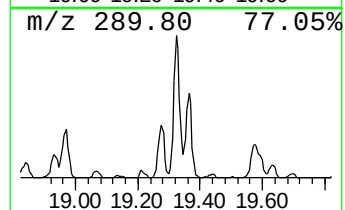
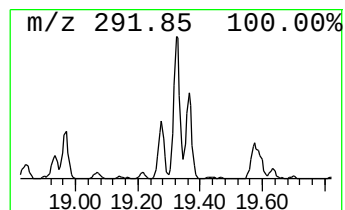
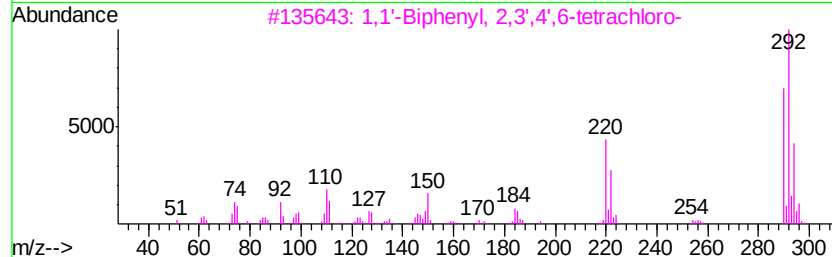
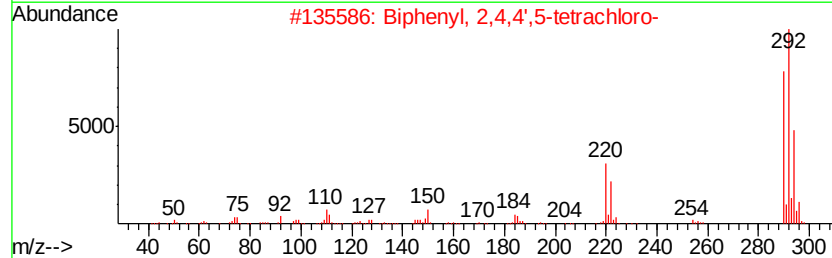
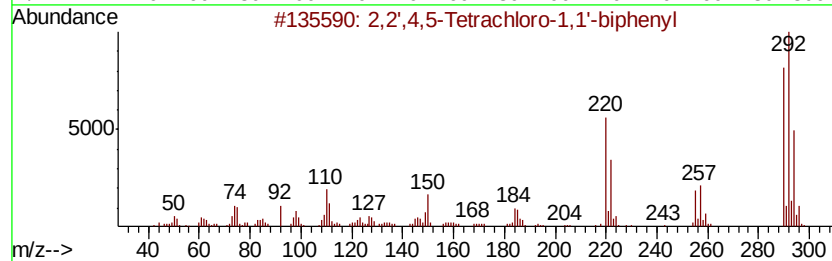
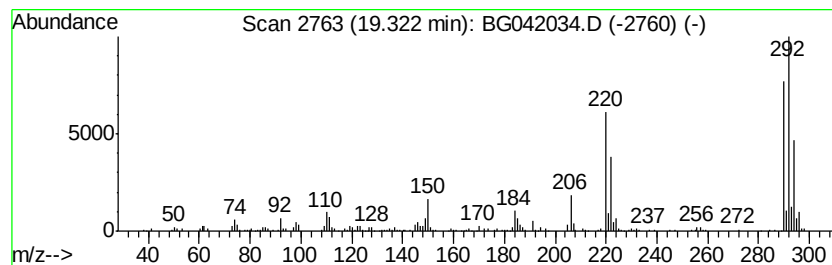
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 2,2',4,5-Tetrachloro-1,1'-b... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	4.41 ng/ul	222167	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	97
2		Biphenyl, 2,4,4',5-tetrachloro-	290	C12H6Cl4	032690-93-0	96
3		1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	96
4		1,1'-Biphenyl, 2,3',4,6-Tetrachl...	290	C12H6Cl4	060233-24-1	96
5		3,3',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-49-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

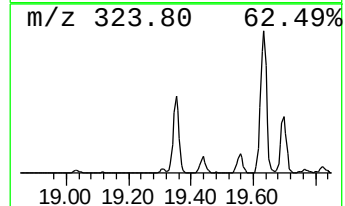
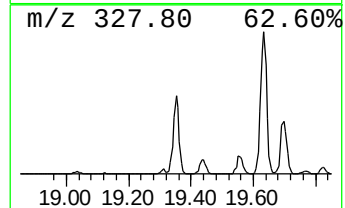
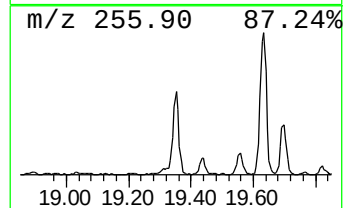
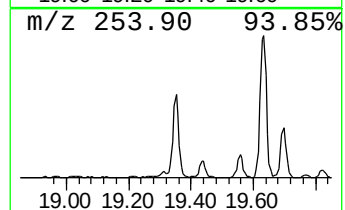
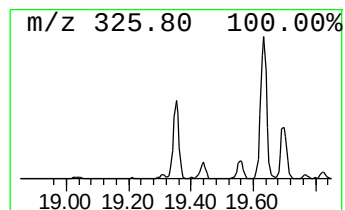
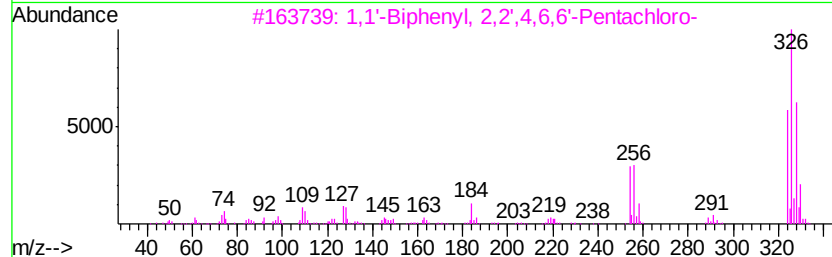
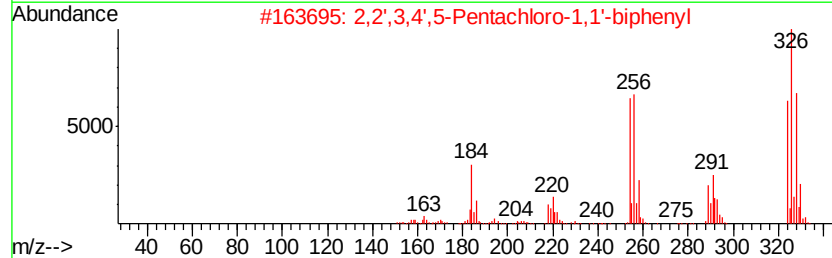
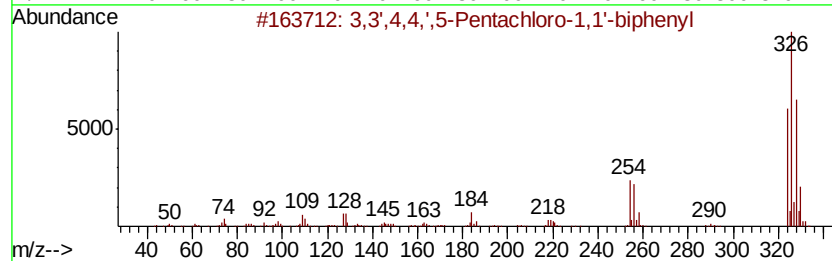
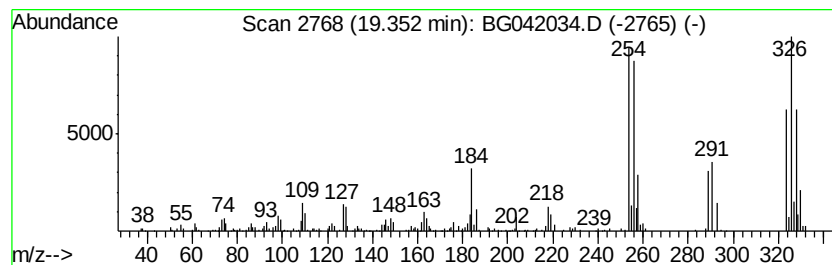
Instrument :
BNA_G
ClientSampleId :
BENR5

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 10 3,3',4,4',5-Pentachloro-1,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.35	8.92 ng/ul	449483	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	99
3	1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
4	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	99
5	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

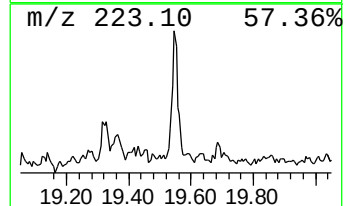
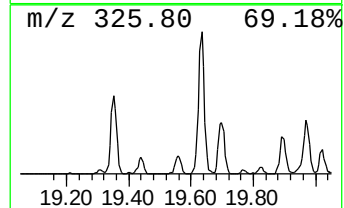
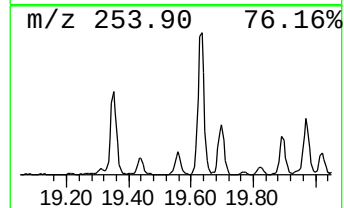
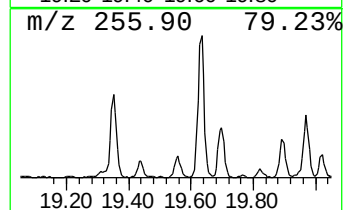
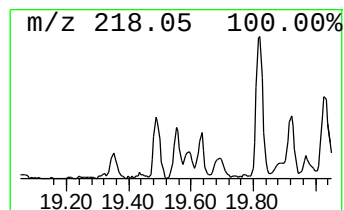
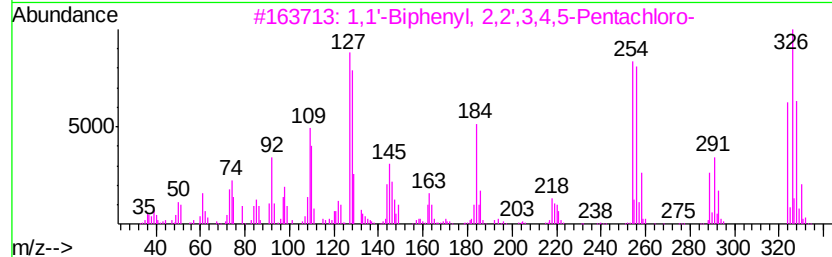
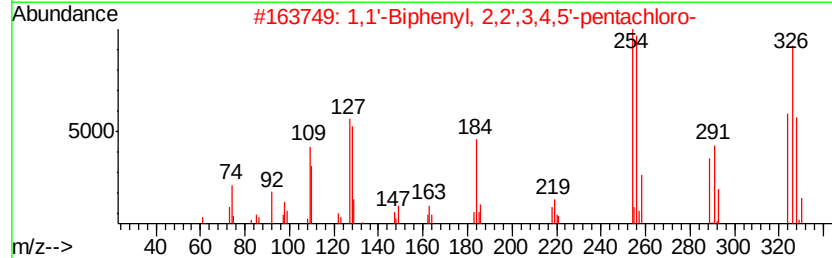
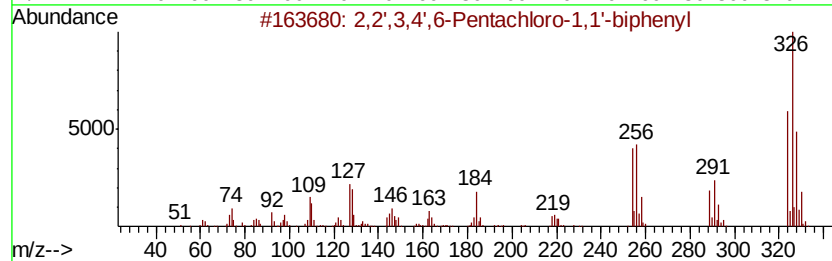
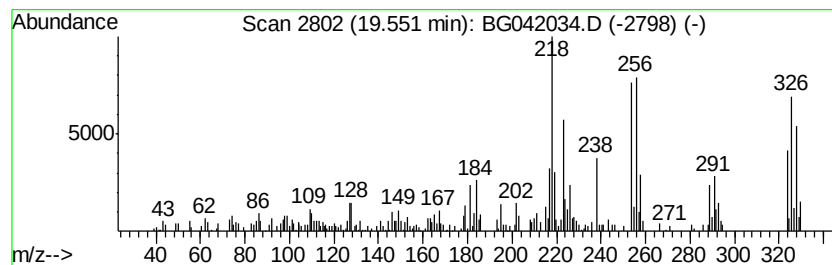
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 2,2',3,4',6-Pentachloro-1,1... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	3.32 ng/ul	167521	Phenanthrene-d10	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,4',6-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-05-8	99		
2	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99		
3	1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	99		
4	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99		
5	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	98		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

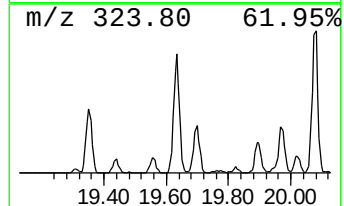
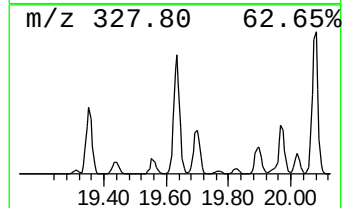
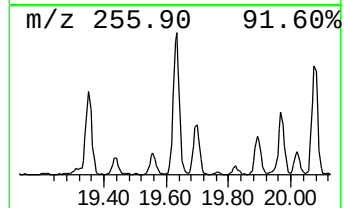
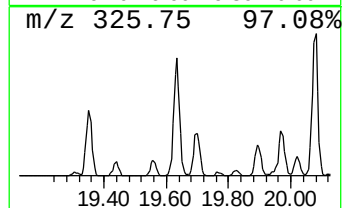
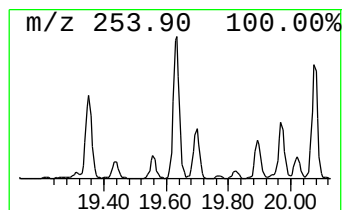
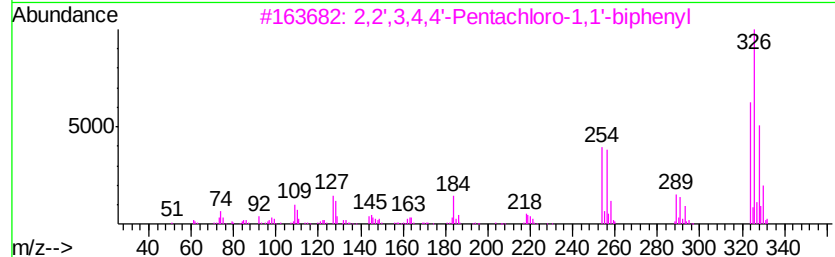
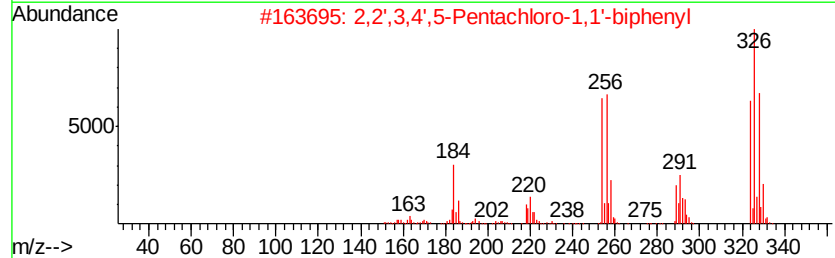
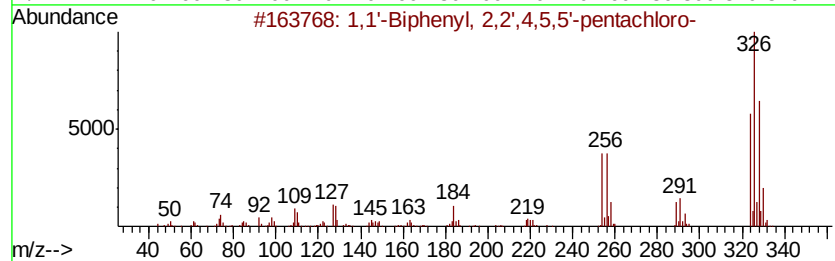
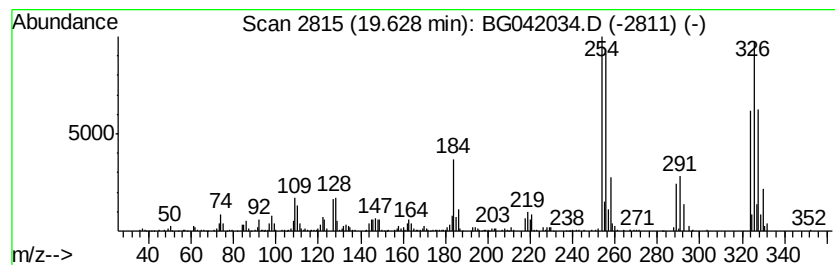
Instrument :
BNA_G
ClientSampleId :
BENR5

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 12 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.63	5.91 ng/ul	506150	Chrysene-d12	21.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
2	2,2',3,4',5-Pentachloro-1,1'-bip...	324	C12H5Cl5	068194-07-0	97
3	2,2',3,4,4'-Pentachloro-1,1'-bip...	324	C12H5Cl5	065510-45-4	96
4	2,3',4',5',6-Pentachloro-1,1'-bi...	324	C12H5Cl5	074472-39-2	96
5	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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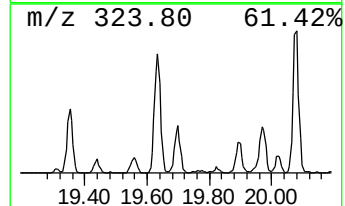
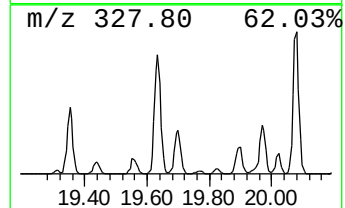
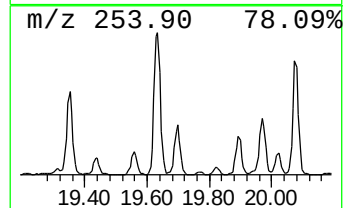
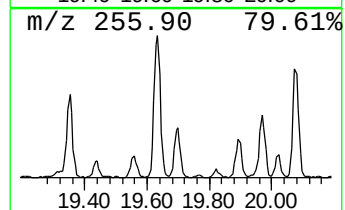
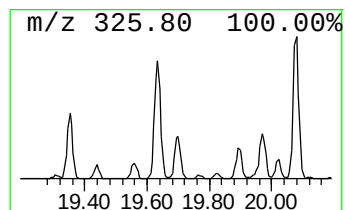
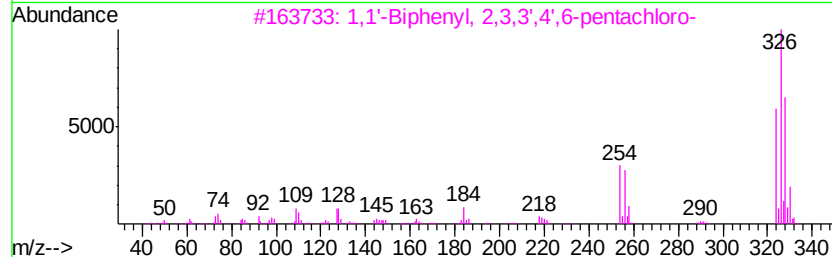
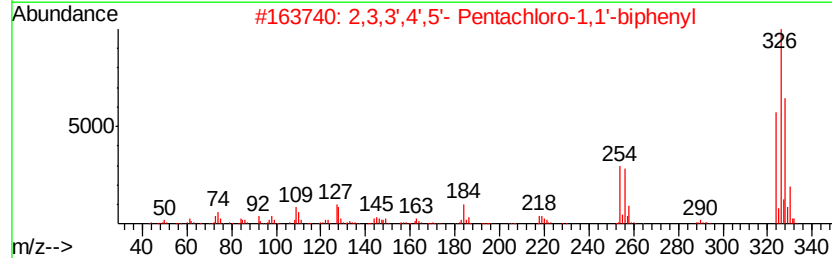
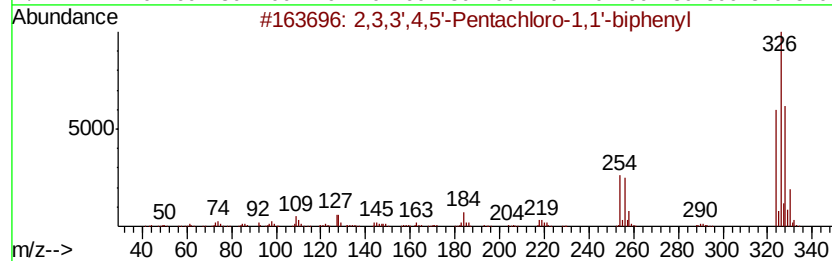
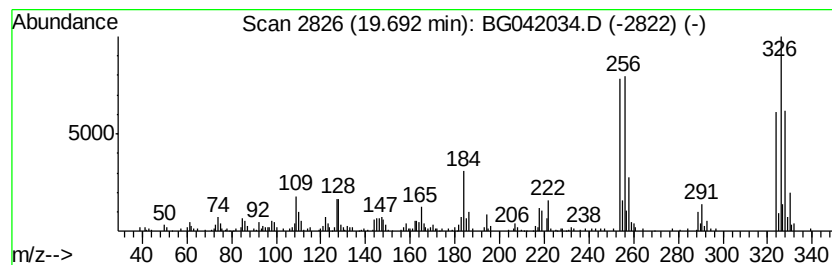
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 2,3,3',4,5'-Pentachloro-1,1... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.10 ng/ul	179778	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	070362-41-3	99
2		2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	99
3		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4		1,1'-Biphenyl, 2,2',4,6,6'-Penta...	324	C12H5Cl5	056558-16-8	99
5		3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

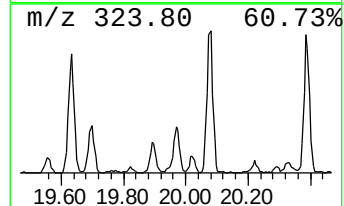
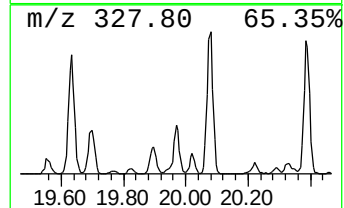
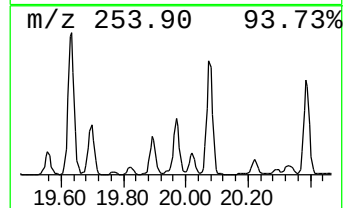
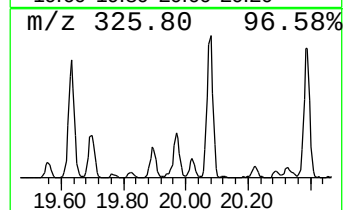
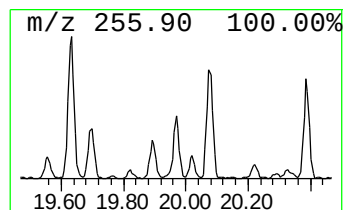
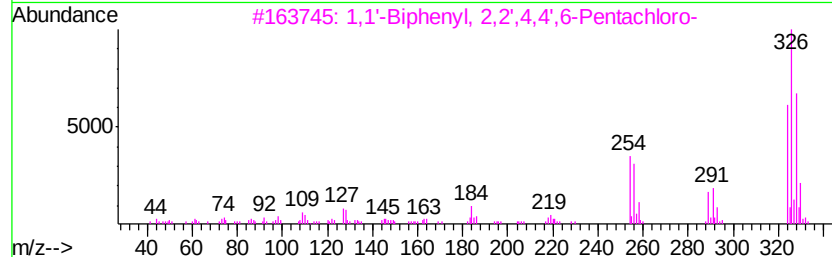
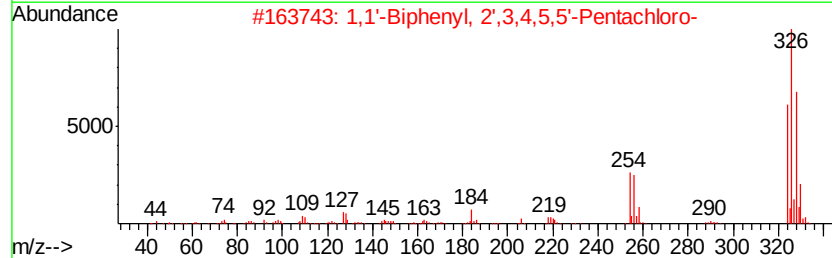
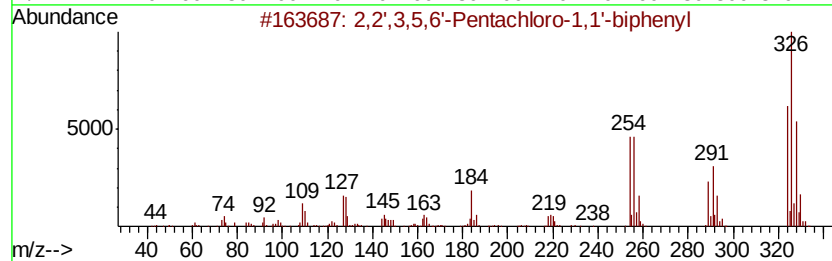
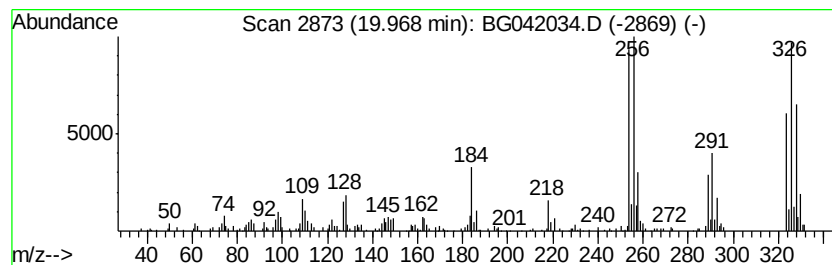
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 2,2',3,5,6'-Pentachloro-1,1... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.22 ng/ul	190472	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2,2',3,5,6'-Pentachloro-1,1'-bip...	324 C12H5Cl5	073575-55-0	99
2	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324 C12H5Cl5	070424-70-3	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324 C12H5Cl5	039485-83-1	99
4	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324 C12H5Cl5	055215-17-3	99
5	1,1'-Biphenyl, 2,2',4,5',6-Penta...	324 C12H5Cl5	060145-21-3	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

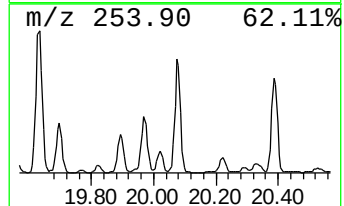
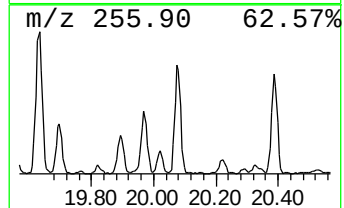
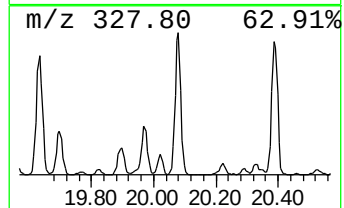
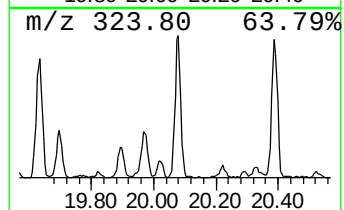
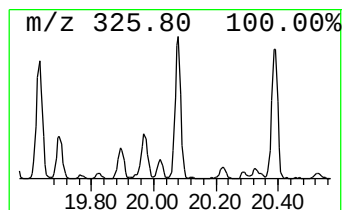
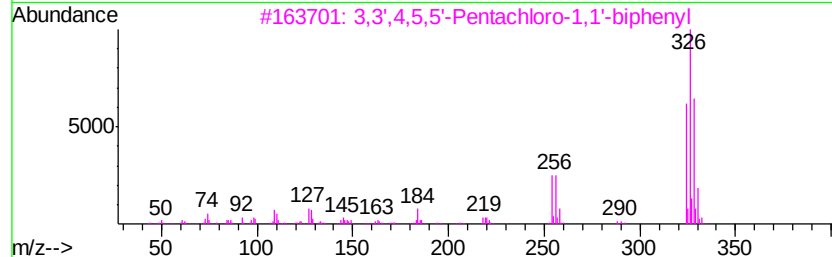
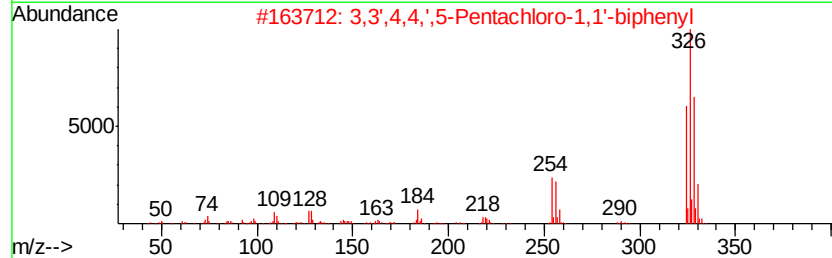
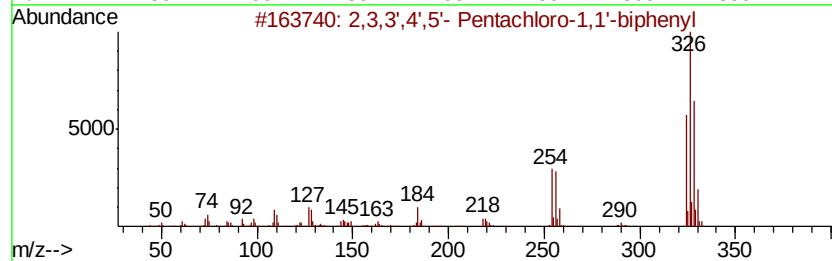
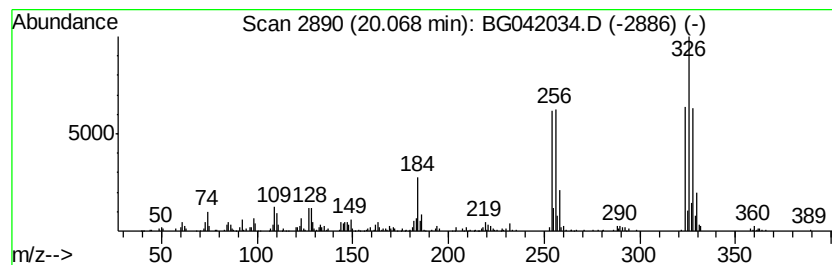
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 2,3,3',4',5'- Pentachloro-1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	5.97 ng/ul	511877	Chrysene-d12	21.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,3',4',5'- Pentachloro-1,1'-b...	324	C12H5Cl5	076842-07-4	98		
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	98		
3	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	98		
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	98		
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98		



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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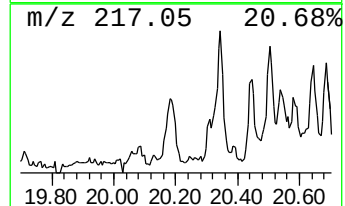
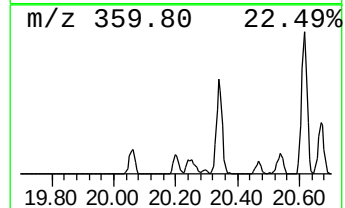
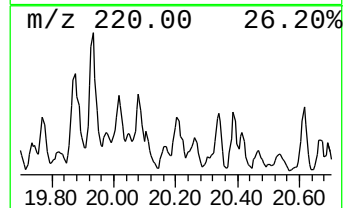
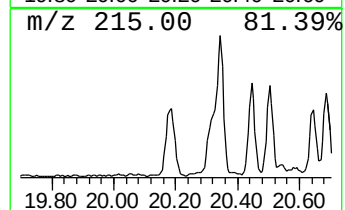
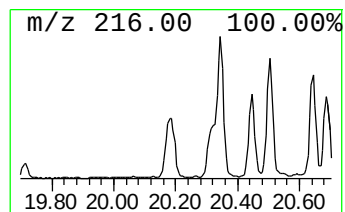
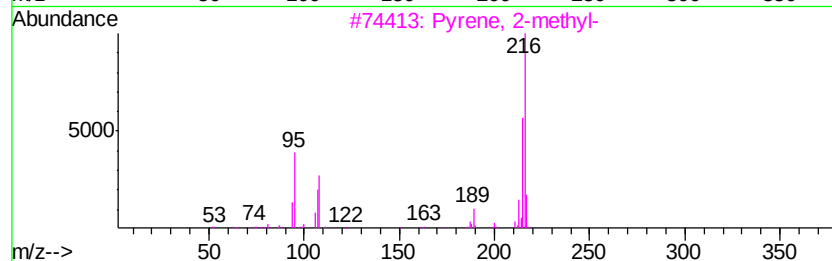
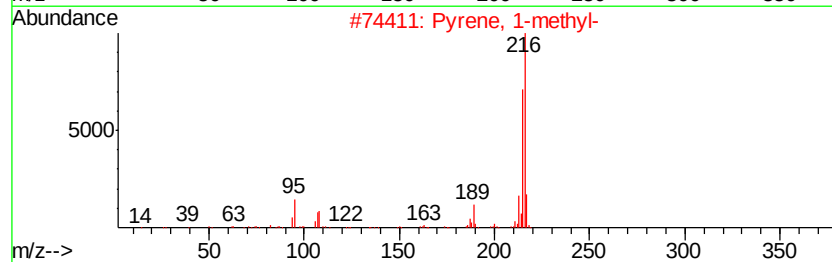
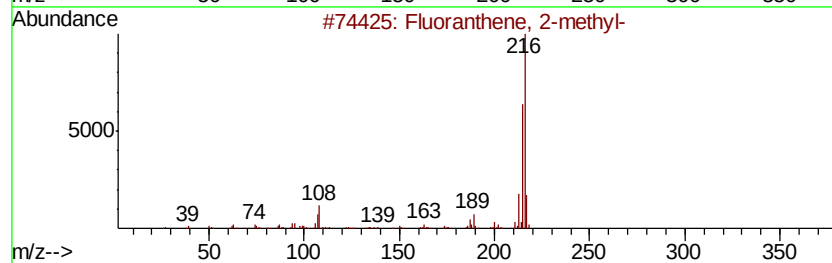
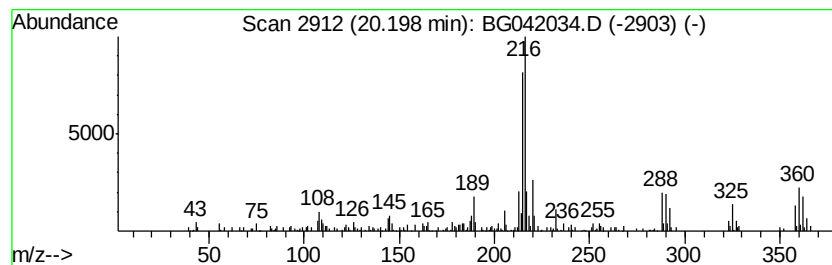
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Fluoranthene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.20	2.28 ng/ul	195580	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	55
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
3		Pyrene, 2-methyl-	216	C17H12	003442-78-2	55
4		11H-Benzo[blfluorene	216	C17H12	000243-17-4	55
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

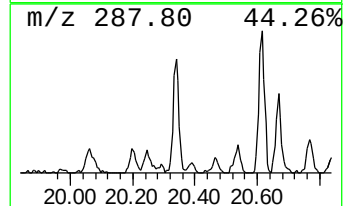
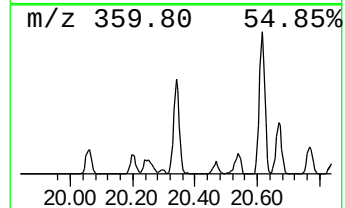
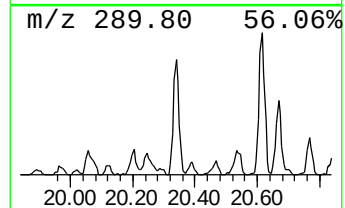
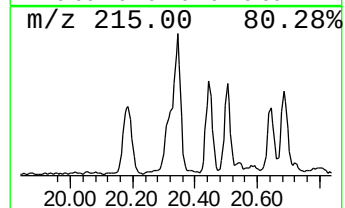
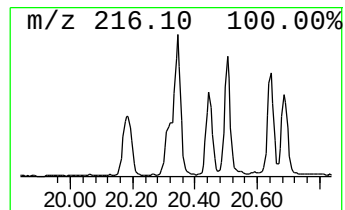
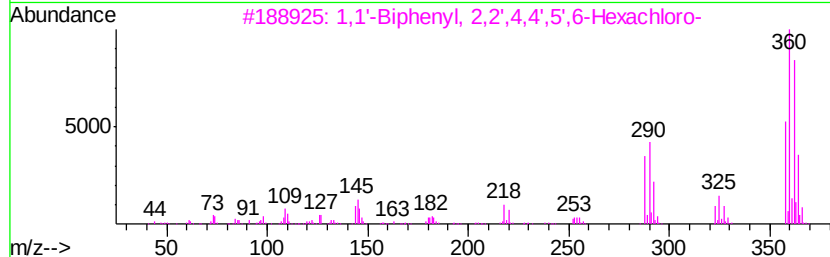
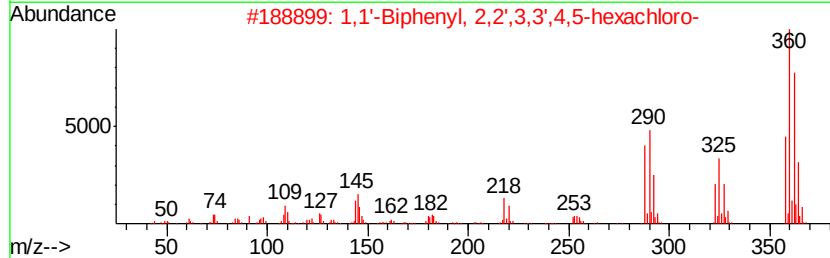
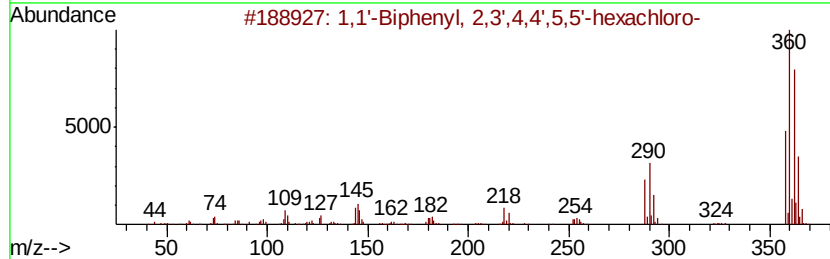
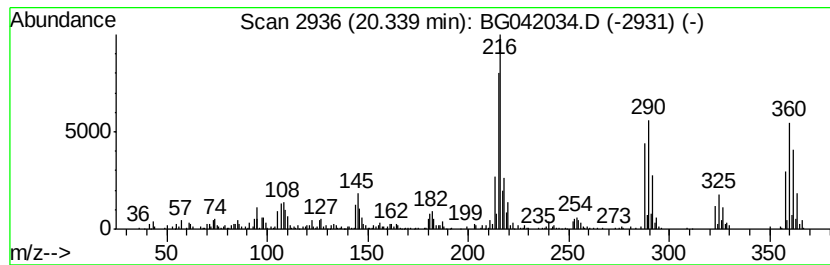
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	4.34 ng/ul	372097	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	97
2		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	97
3		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	97
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	97
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
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Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

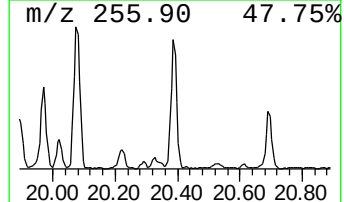
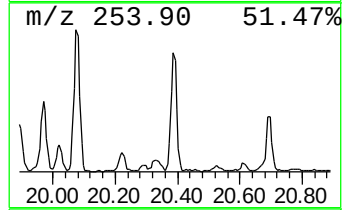
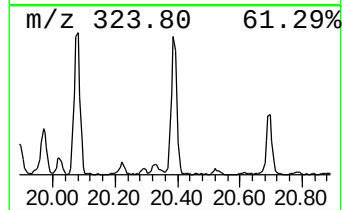
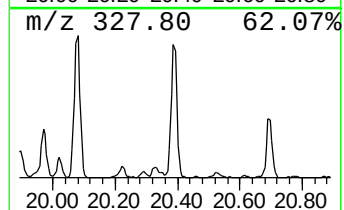
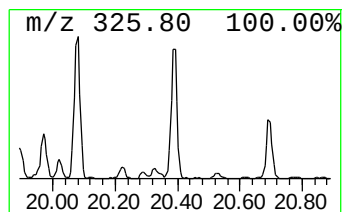
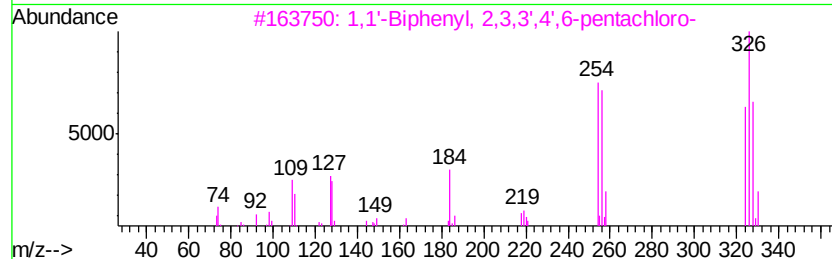
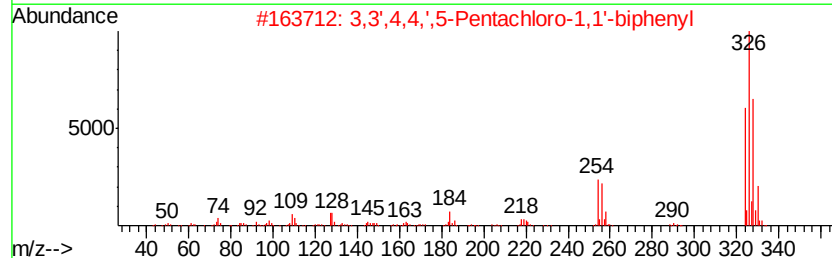
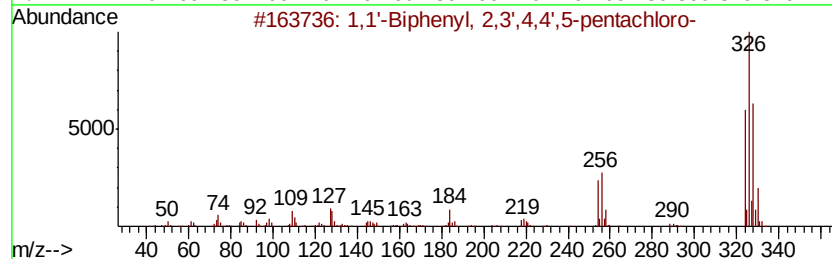
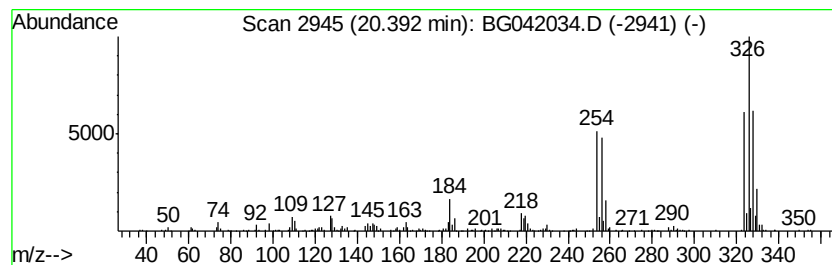
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.39	4.15 ng/ul	355767	Chrysene-d12	21.72	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2	3,3',4,4',5-Pentachloro-1,1'-bi...	324	C12H5Cl5	057465-28-8	99
3	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
4	3,3',4,5,5'-Pentachloro-1,1'-bip...	324	C12H5Cl5	039635-33-1	99
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
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Sample : K4028-18
Misc :
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Instrument :
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ClientSampleId :
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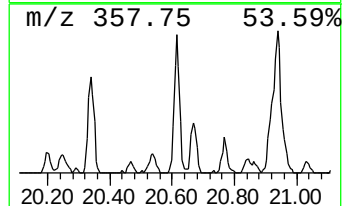
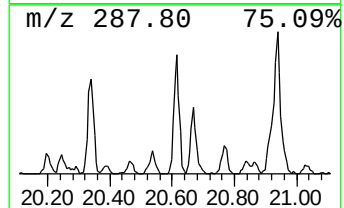
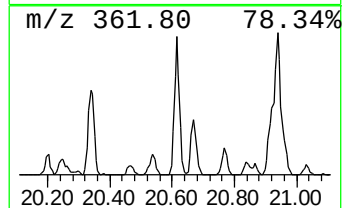
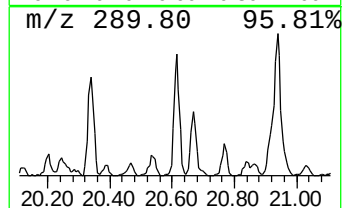
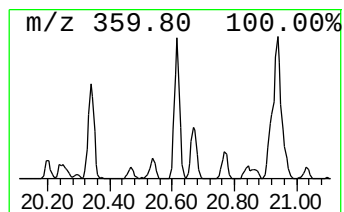
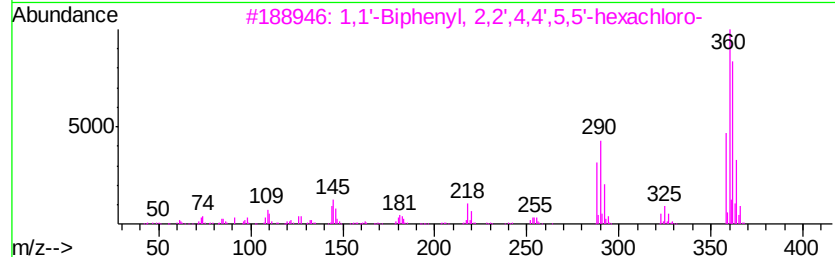
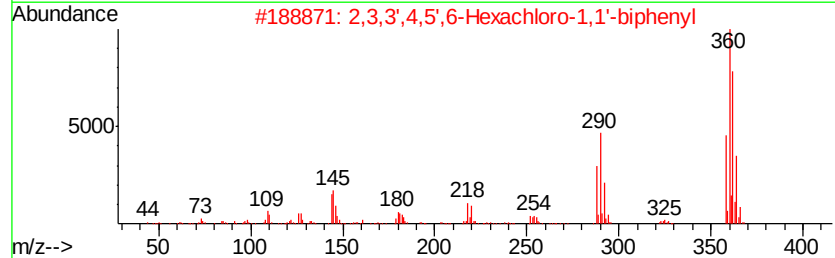
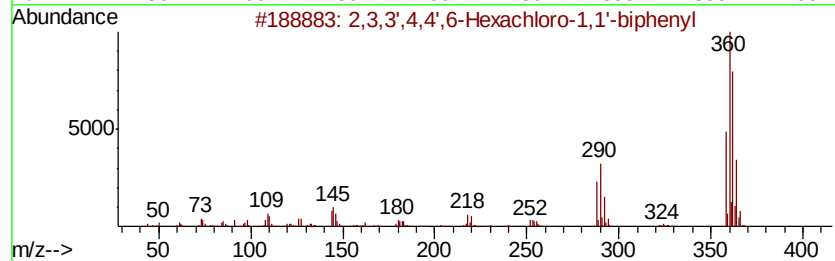
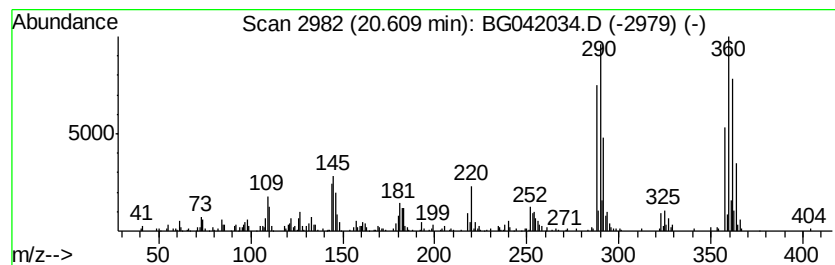
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 2,3,3',4,4',6-Hexachloro-1,... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	2.32 ng/ul	198991	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3',4,4',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-42-7	99
2		2,3,3',4,5',6-Hexachloro-1,1'-bi...	358	C12H4Cl6	074472-43-8	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
4		1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	98
5		2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
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Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

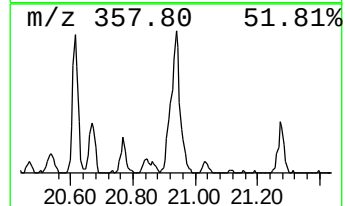
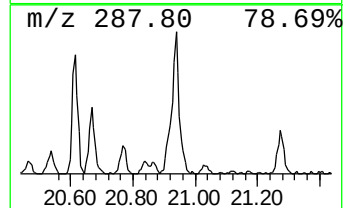
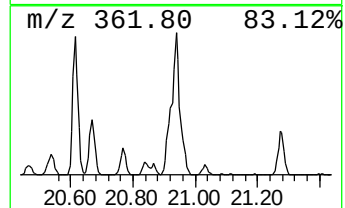
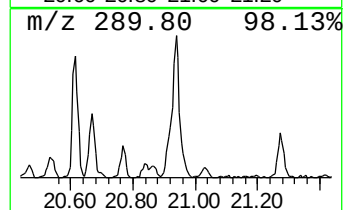
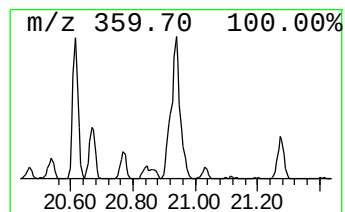
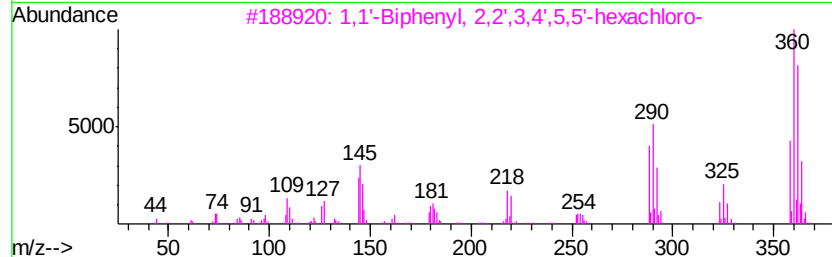
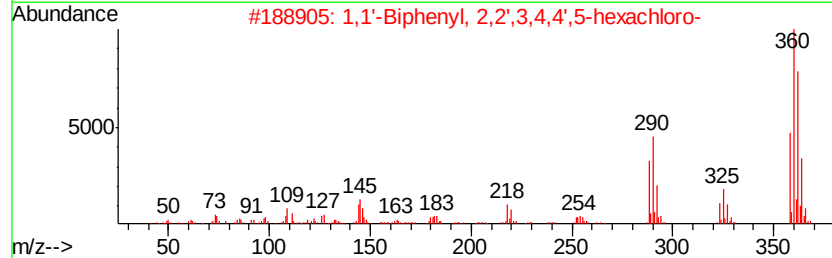
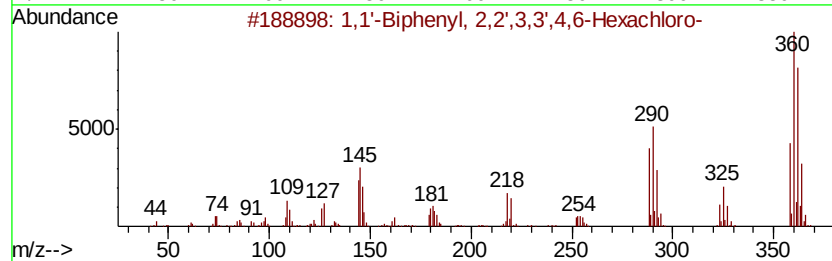
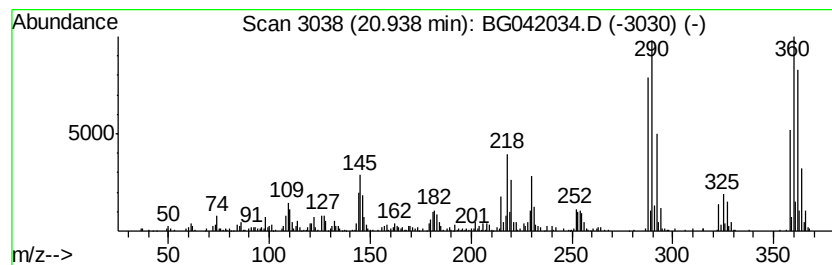
Instrument :
BNA_G
ClientSampleId :
BENR5

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 21 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.94	5.37 ng/ul	460310	Chrysene-d12	21.72		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,3',4,6-Hex...	358	C12H4Cl6	061798-70-7	99	
2	1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99	
3	1,1'-Biphenyl, 2,2',3,4',5,5'-he...	358	C12H4Cl6	051908-16-8	99	
4	2,3,4,4',5,6-Hexachloro-1,1'-bip...	358	C12H4Cl6	041411-63-6	99	
5	2,3,3',4,5,5'-Hexachloro-1,1'-bi...	358	C12H4Cl6	039635-35-3	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
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Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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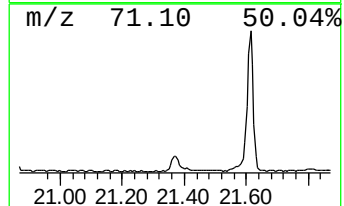
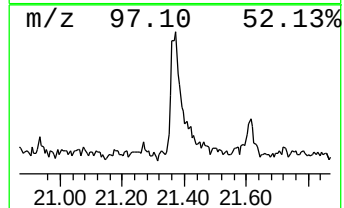
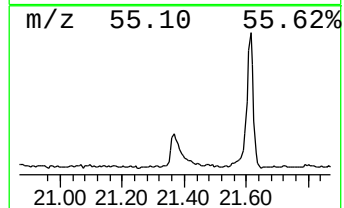
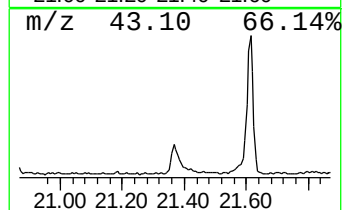
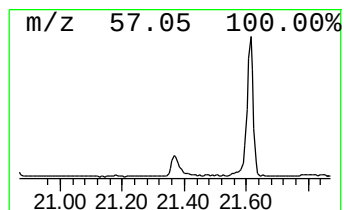
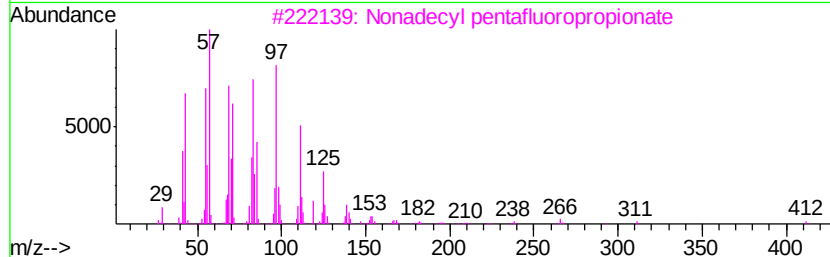
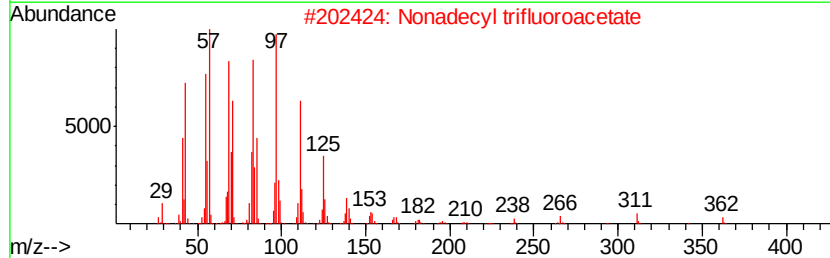
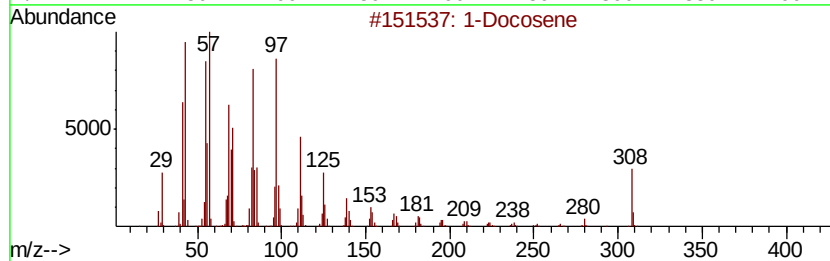
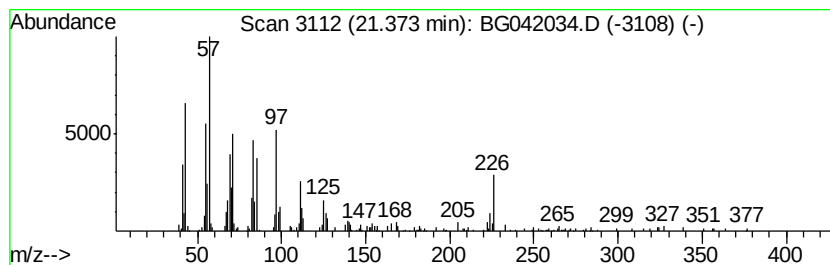
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 (DEL) Alkane: Cyclic21.37 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.86 ng/ul	244644	Chrysene-d12	21.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	94
2			Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3			Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91
4			Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	90
5			Oxalic acid, hexadecyl propyl ester	356	C21H40O4	1000309-26-9	90



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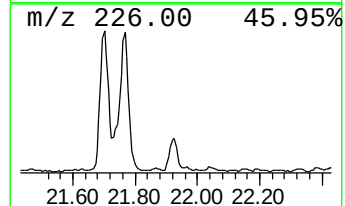
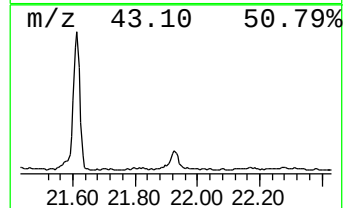
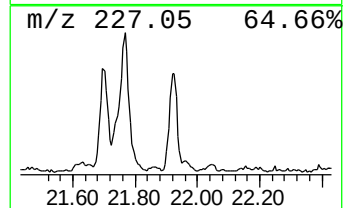
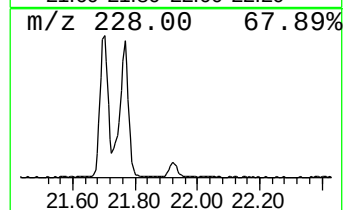
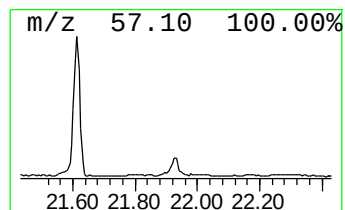
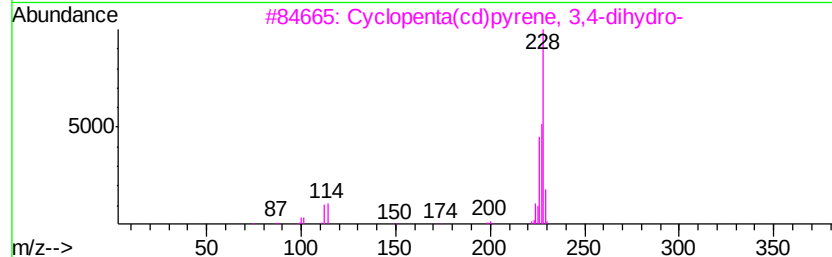
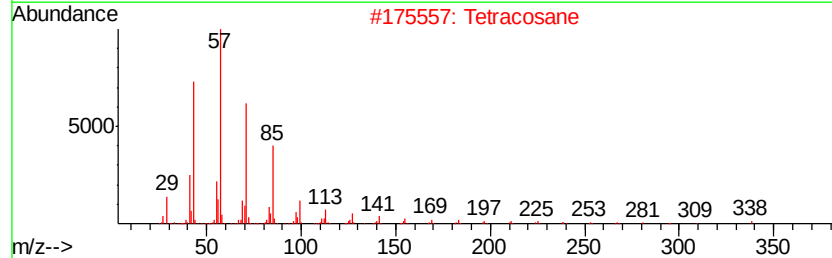
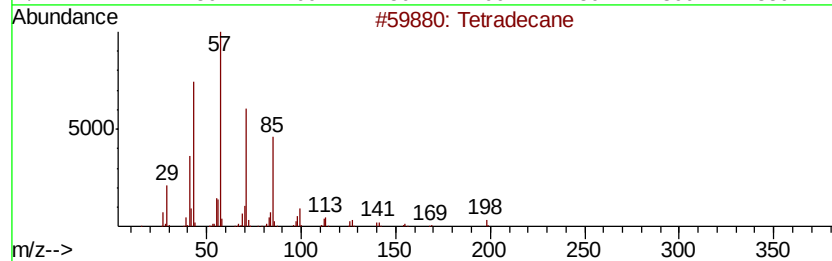
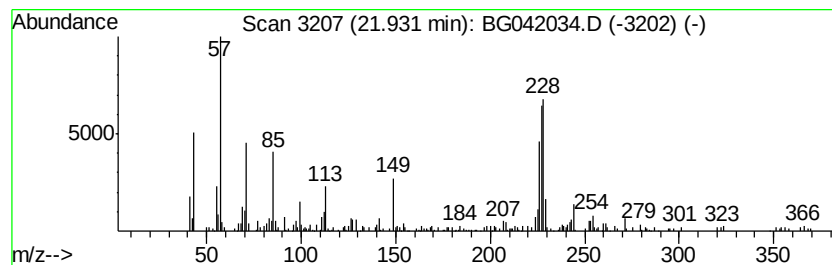
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.02 ng/ul	173238	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 53
2		Tetracosane	338 C24H50	000646-31-1 44
3		Cyclopenta(cd)pyrene, 3,4-dihydro-	228 C18H12	025732-74-5 42
4		Hexadecane	226 C16H34	000544-76-3 25
5		Benzo[c]phenanthrene	228 C18H12	000195-19-7 25



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
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ALS Vial : 3 Sample Multiplier: 1

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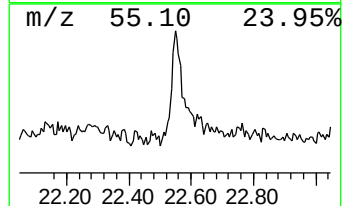
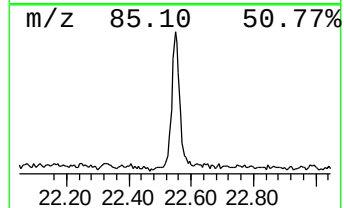
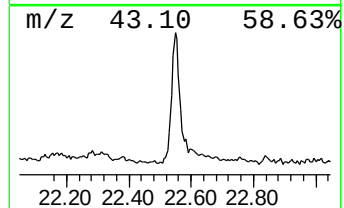
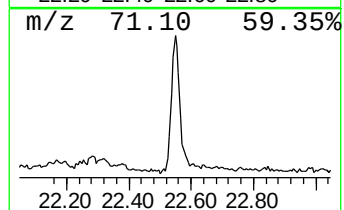
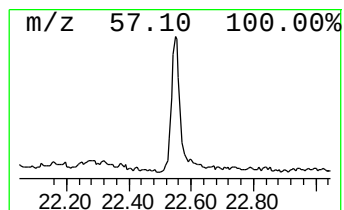
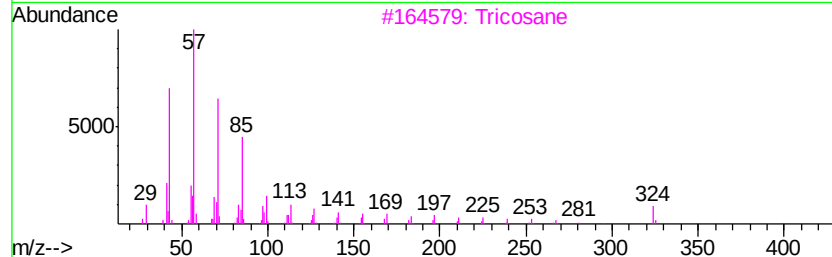
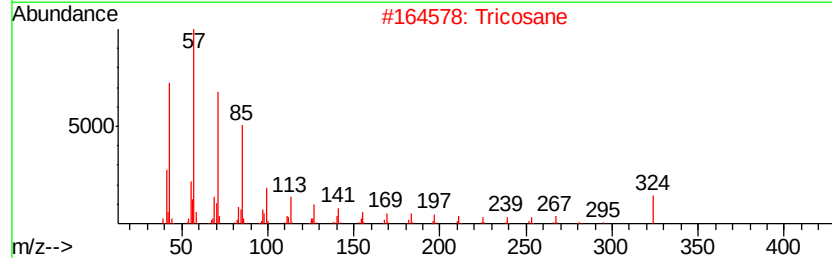
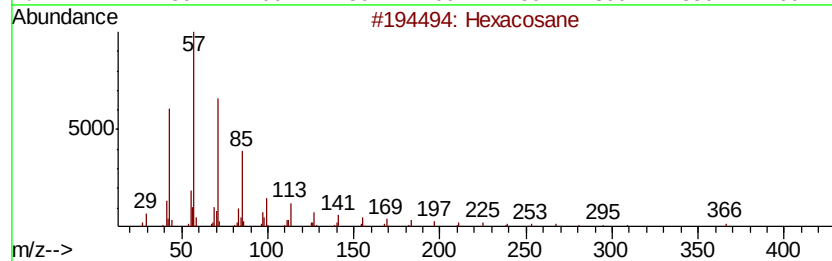
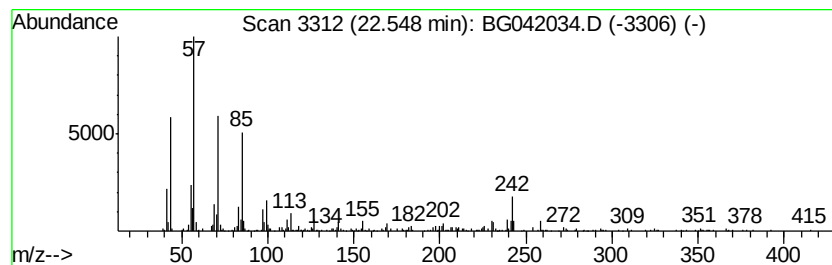
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	3.27 ng/ul	279997	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	95
2		Tricosane	324	C23H48	000638-67-5	93
3		Tricosane	324	C23H48	000638-67-5	91
4		Tricosane	324	C23H48	000638-67-5	91
5		Heptadecane, 2-methyl-	254	C18H38	001560-89-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

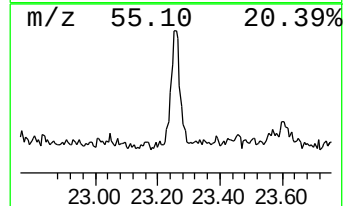
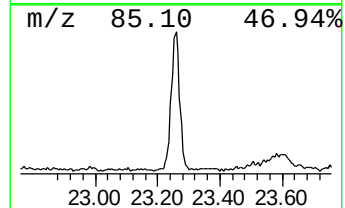
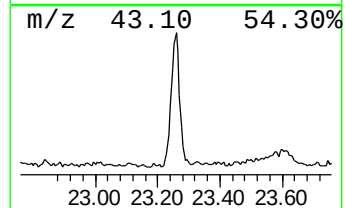
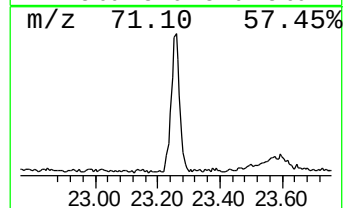
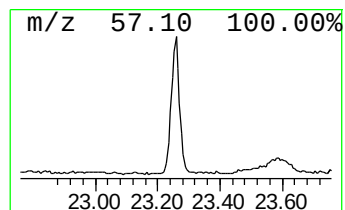
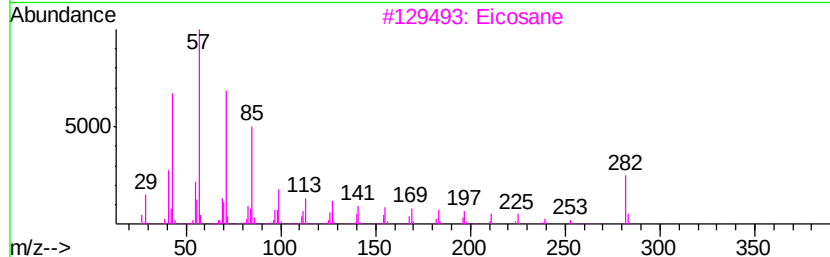
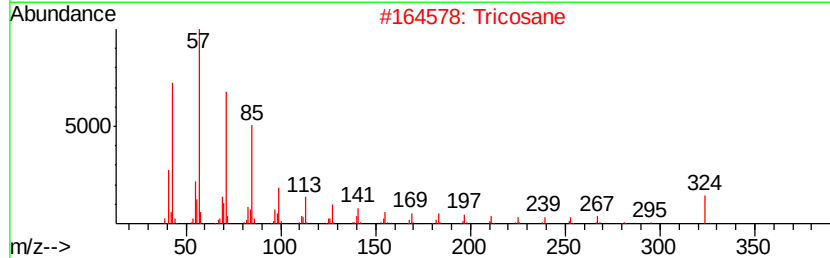
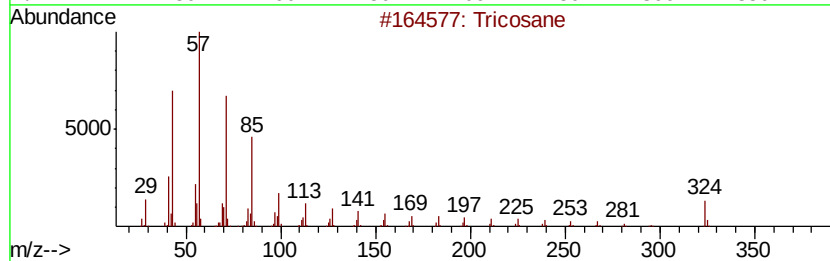
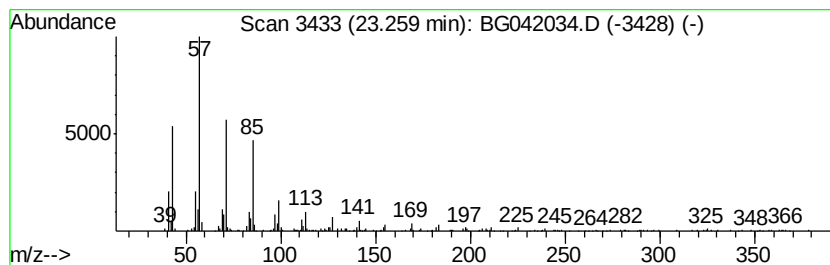
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	3.55 ng/ul	303799	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	95
2		Tricosane	324	C23H48	000638-67-5	95
3		Eicosane	282	C20H42	000112-95-8	93
4		Tricosane	324	C23H48	000638-67-5	93
5		Docosane	310	C22H46	000629-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

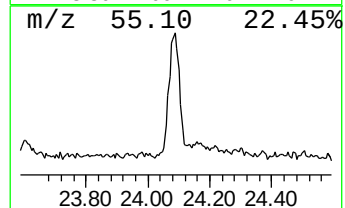
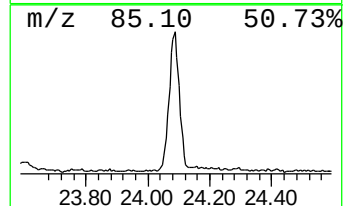
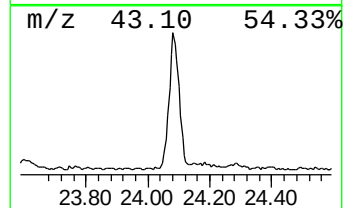
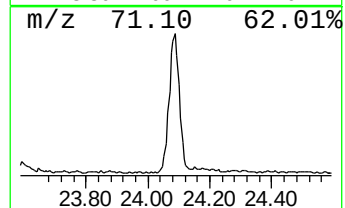
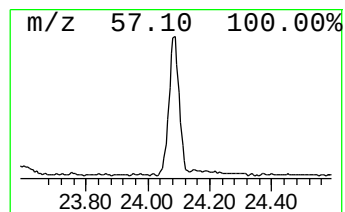
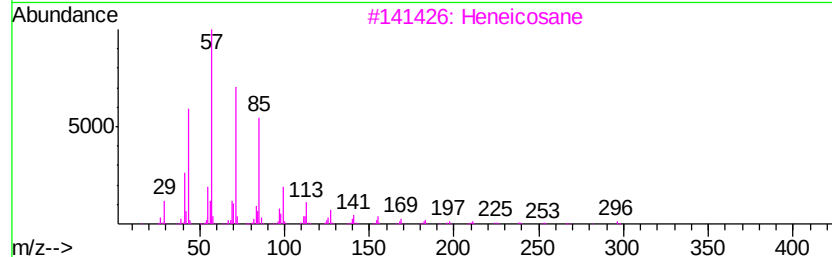
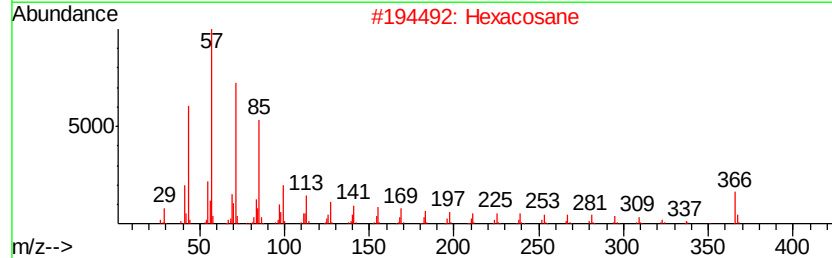
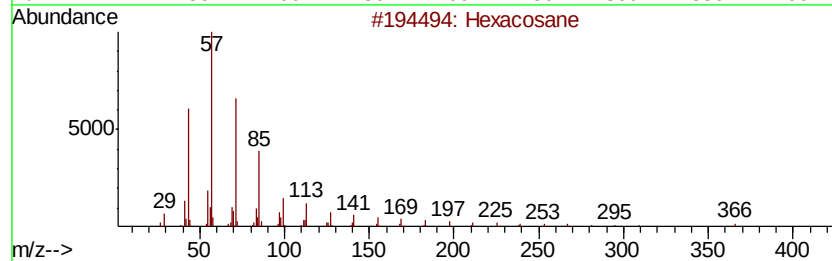
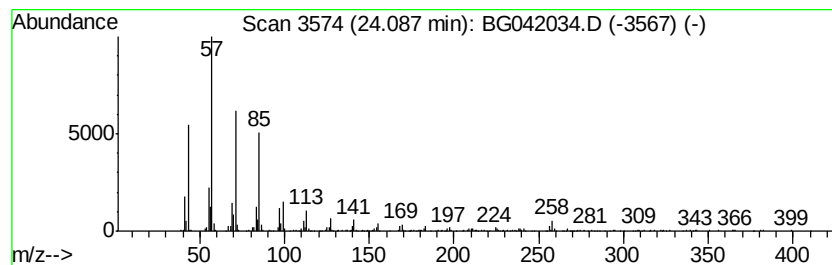
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	9.55 ng/ul	538386	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	94
2		Hexacosane	366	C26H54	000630-01-3	93
3		Heneicosane	296	C21H44	000629-94-7	90
4		Hexacosane	366	C26H54	000630-01-3	90
5		Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

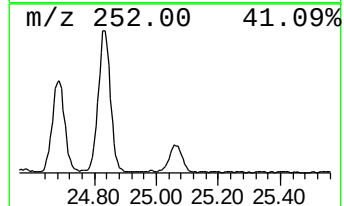
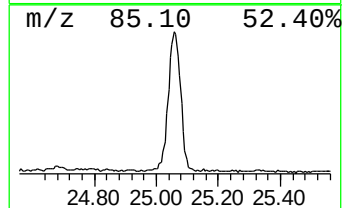
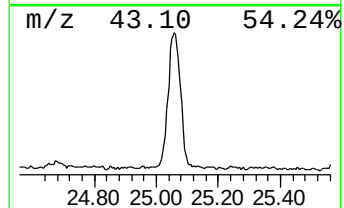
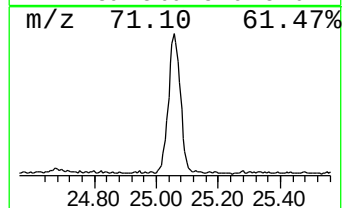
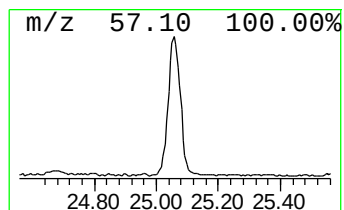
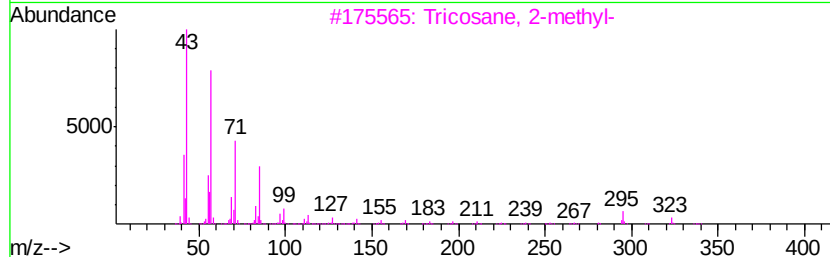
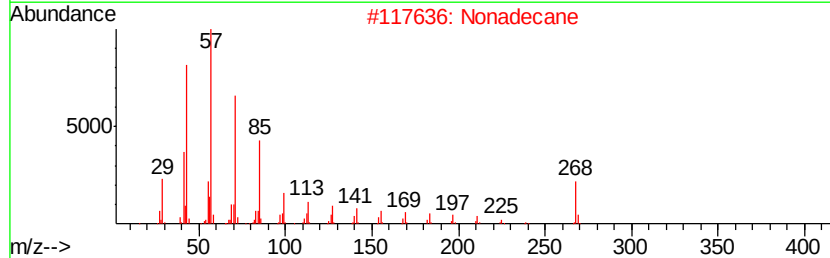
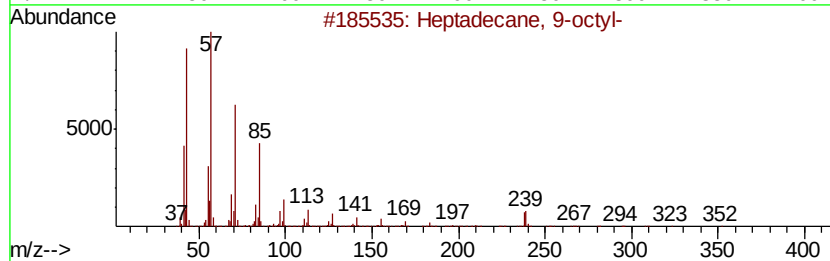
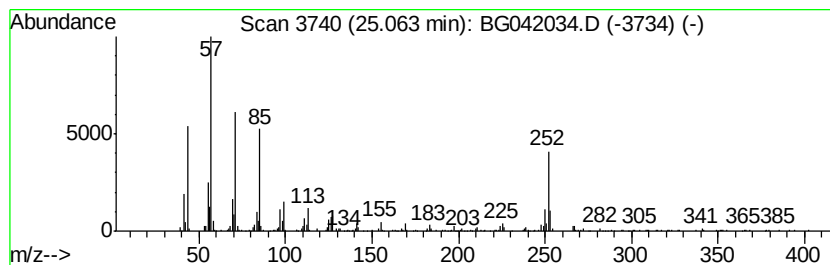
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	12.82 ng/ul	722381	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Nonadecane	268	C19H40	000629-92-5	90
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	86
4		Heneicosane	296	C21H44	000629-94-7	70
5		Hentriacontane	437	C31H64	000630-04-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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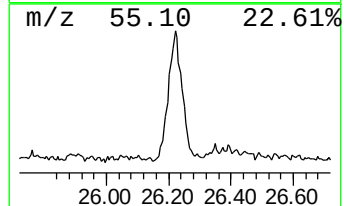
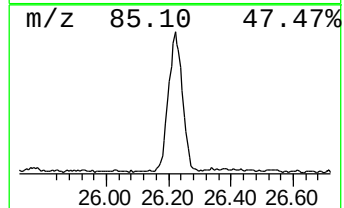
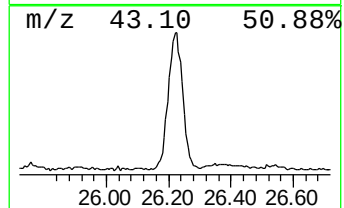
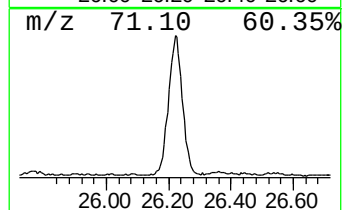
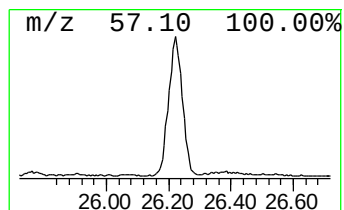
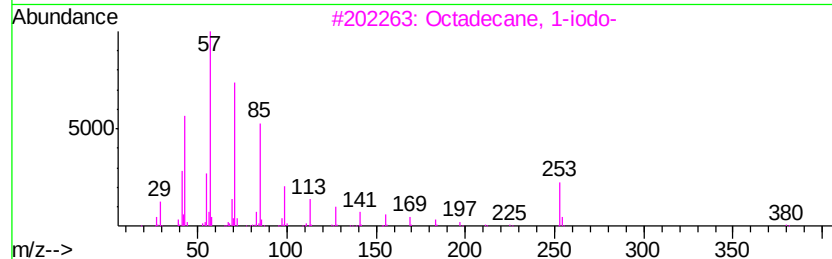
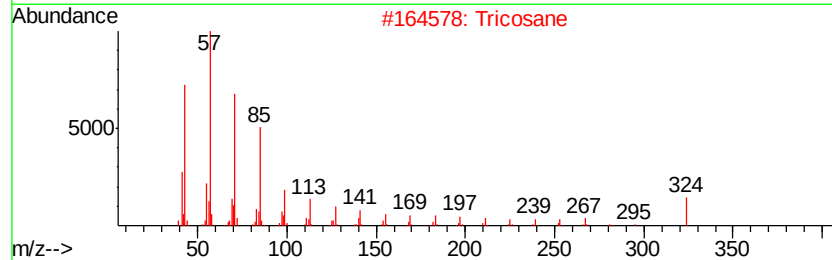
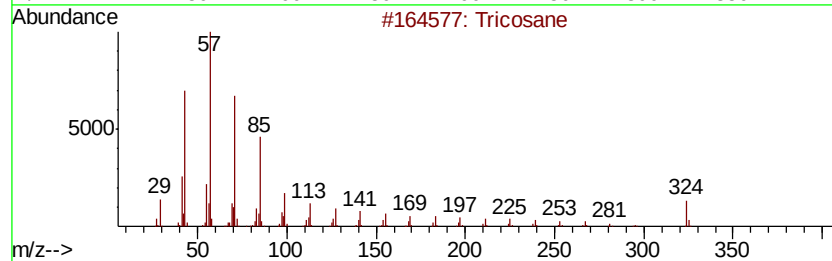
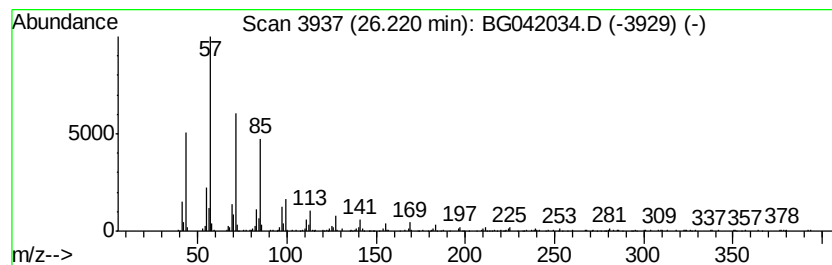
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.22	12.22 ng/ul	688833	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	97
2		Tricosane	324	C23H48	000638-67-5	96
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	93
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

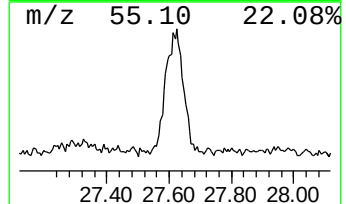
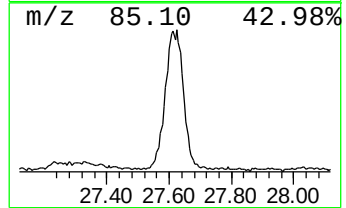
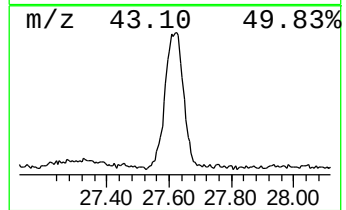
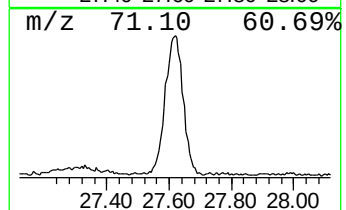
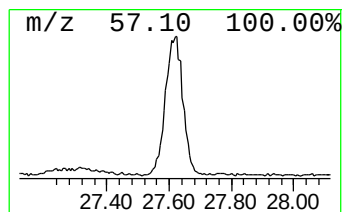
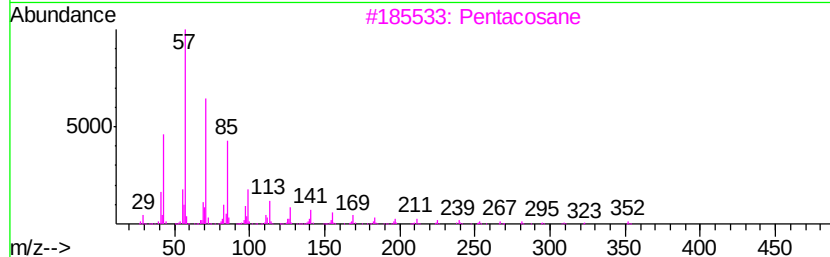
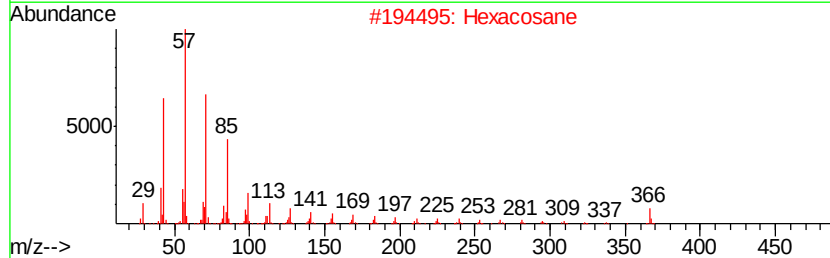
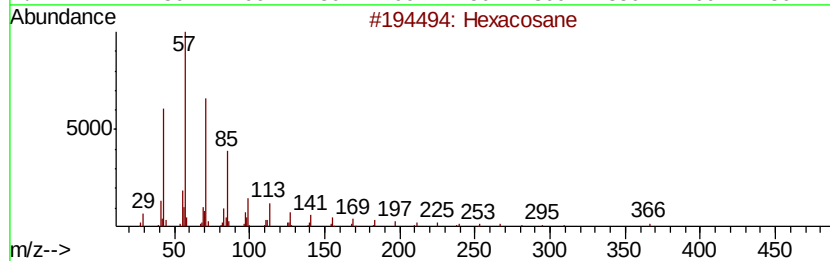
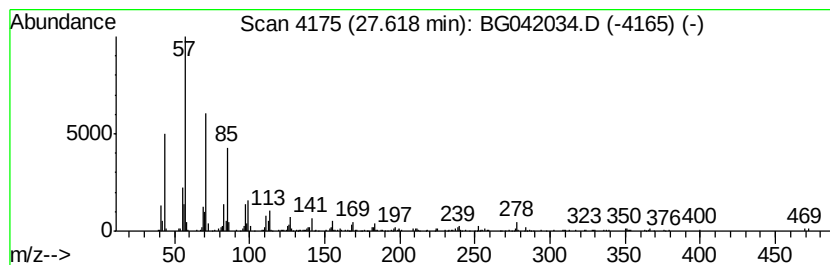
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.62	10.58 ng/ul	596474	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	98
2		Hexacosane	366	C26H54	000630-01-3	97
3		Pentacosane	352	C25H52	000629-99-2	93
4		Tricosane	324	C23H48	000638-67-5	93
5		Hentriacontane	437	C31H64	000630-04-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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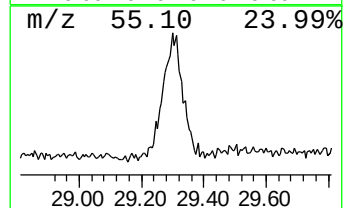
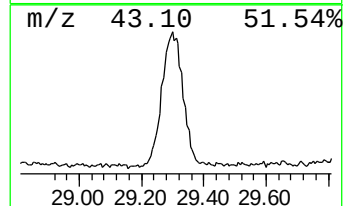
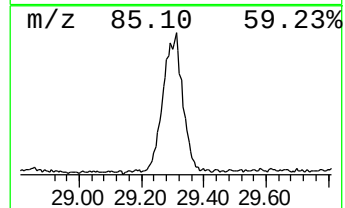
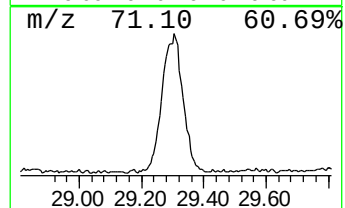
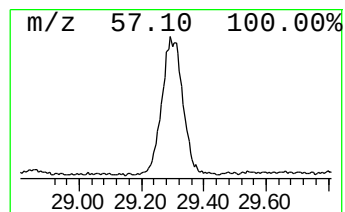
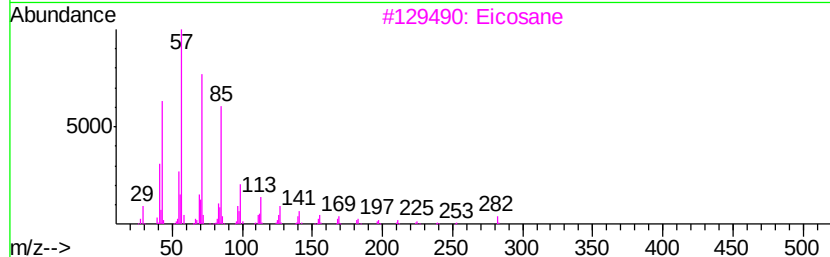
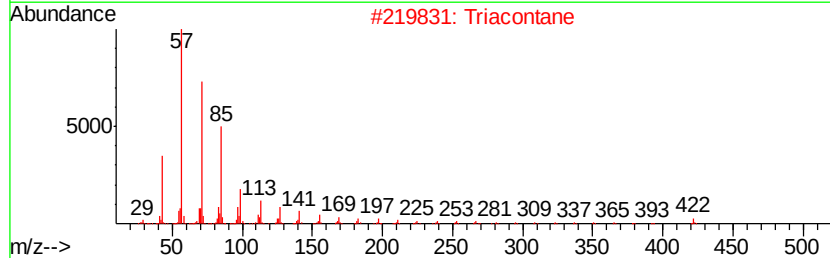
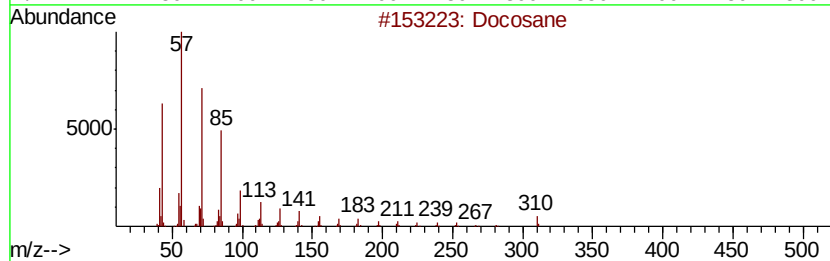
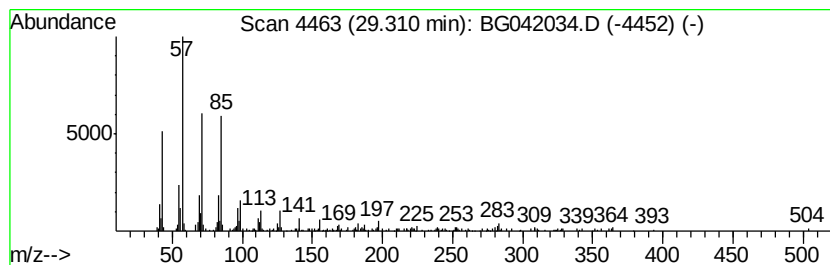
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.31	9.95 ng/ul	561051	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	96
2		Triacontane	422	C30H62	000638-68-6	91
3		Eicosane	282	C20H42	000112-95-8	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042034.D
Acq On : 7 Aug 2019 16:56
Operator : HP/JU
Sample : K4028-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENR5

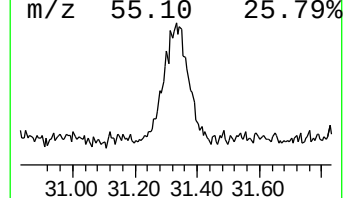
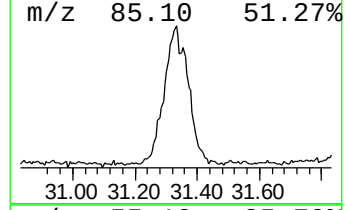
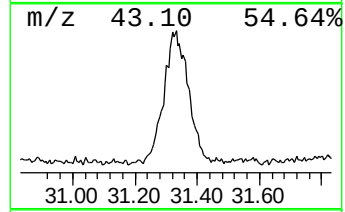
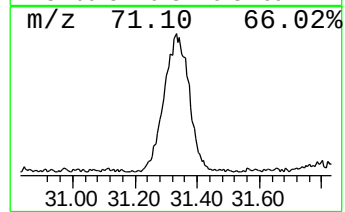
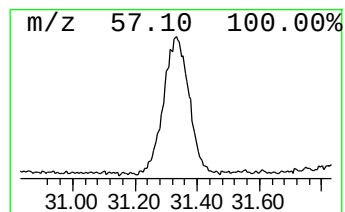
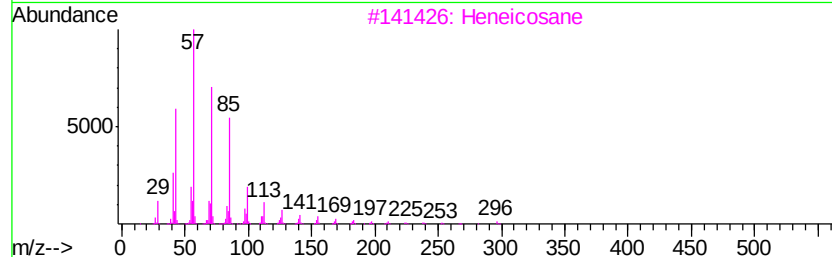
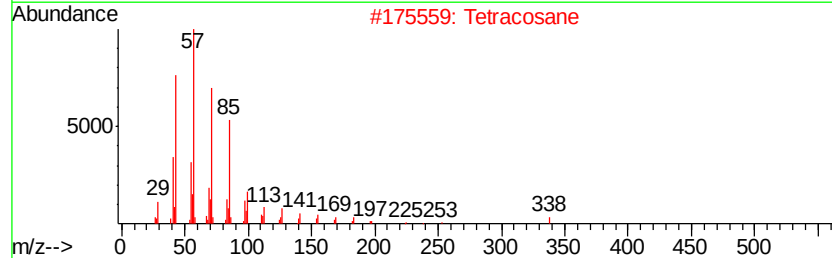
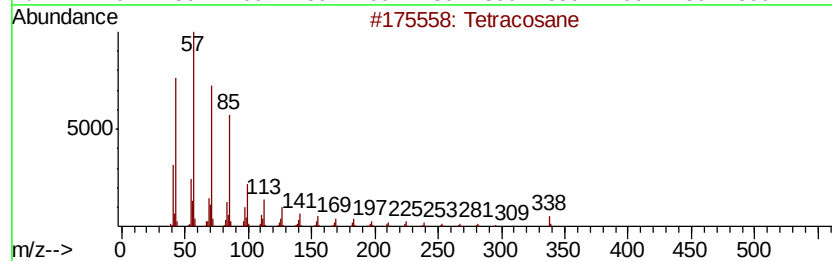
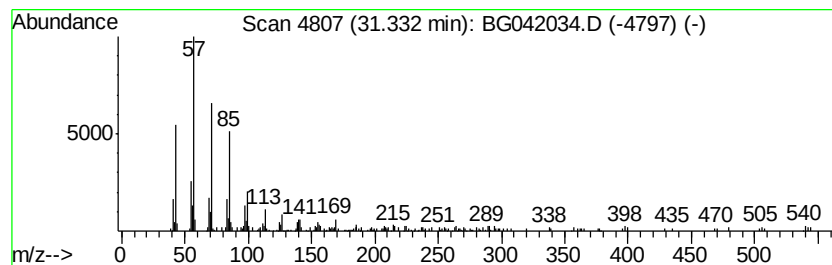
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.33	8.05 ng/ul	453841	Perylene-d12	24.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Tetracosane	338	C24H50	000646-31-1	94
3		Heneicosane	296	C21H44	000629-94-7	94
4		Tetracosane	338	C24H50	000646-31-1	93
5		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080719\
 Data File : BG042034.D
 Acq On : 7 Aug 2019 16:56
 Operator : HP/JU
 Sample : K4028-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENR5

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...	3.15	140.2	ng/ul	2334830	1	8.03	333179	20.0
Anthracene, 2-met...	18.33	4.8	ng/ul	239462	4	17.44	1007730	20.0
Phenanthrene, 2-m...	18.36	2.4	ng/ul	120033	4	17.44	1007730	20.0
1,1'-Biphenyl, 2,...	18.51	8.6	ng/ul	434563	4	17.44	1007730	20.0
2,2',4,6'-Tetrach...	18.56	3.7	ng/ul	184399	4	17.44	1007730	20.0
2,3,3',6-Tetrachl...	18.79	4.2	ng/ul	210823	4	17.44	1007730	20.0
Phenanthrene, 1,7...	19.23	2.9	ng/ul	145154	4	17.44	1007730	20.0
1,1'-Biphenyl, 2,...	19.28	3.6	ng/ul	179564	4	17.44	1007730	20.0
2,2',4,5-Tetrachl...	19.32	4.4	ng/ul	222167	4	17.44	1007730	20.0
3,3',4,4',5-Pent...	19.35	8.9	ng/ul	449483	4	17.44	1007730	20.0
2,2',3,4',6-Penta...	19.55	3.3	ng/ul	167521	4	17.44	1007730	20.0
1,1'-Biphenyl, 2,...	19.63	5.9	ng/ul	506150	5	21.72	1713480	20.0
2,3,3',4,5'-Penta...	19.69	2.1	ng/ul	179778	5	21.72	1713480	20.0
2,2',3,5,6'-Penta...	19.97	2.2	ng/ul	190472	5	21.72	1713480	20.0
2,3,3',4',5'- Pen...	20.07	6.0	ng/ul	511877	5	21.72	1713480	20.0
Fluoranthene, 2-m...	20.20	2.3	ng/ul	195580	5	21.72	1713480	20.0
1,1'-Biphenyl, 2,...	20.34	4.3	ng/ul	372097	5	21.72	1713480	20.0
1,1'-Biphenyl, 2,...	20.39	4.2	ng/ul	355767	5	21.72	1713480	20.0
2,3,3',4,4',6-Hex...	20.61	2.3	ng/ul	198991	5	21.72	1713480	20.0
1,1'-Biphenyl, 2,...	20.94	5.4	ng/ul	460310	5	21.72	1713480	20.0
(DEL) Alkane: Cyc...	21.37	2.9	ng/ul	244644	5	21.72	1713480	20.0
(DEL) Alkane: Str...	21.93	2.0	ng/ul	173238	5	21.72	1713480	20.0
(DEL) Alkane: Str...	22.55	3.3	ng/ul	279997	5	21.72	1713480	20.0
(DEL) Alkane: Str...	23.26	3.5	ng/ul	303799	5	21.72	1713480	20.0
(DEL) Alkane: Str...	24.09	9.6	ng/ul	538386	6	24.99	1127190	20.0
(DEL) Alkane: Str...	25.06	12.8	ng/ul	722381	6	24.99	1127190	20.0
(DEL) Alkane: Str...	26.22	12.2	ng/ul	688833	6	24.99	1127190	20.0
(DEL) Alkane: Str...	27.62	10.6	ng/ul	596474	6	24.99	1127190	20.0
(DEL) Alkane: Str...	29.31	9.9	ng/ul	561051	6	24.99	1127190	20.0
(DEL) Alkane: Str...	31.33	8.1	ng/ul	453841	6	24.99	1127190	20.0