

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042117.D
 Acq On : 10 Aug 2019 00:40
 Operator : HP/JU
 Sample : K4041-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENW6

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	3.146	5	10	32	rVB	1385411	2204736	100.00%	9.852%
2	3.410	53	55	63	rVB3	8018	11929	0.54%	0.053%
3	3.686	97	102	118	rBV	159245	284466	12.90%	1.271%
4	3.939	141	145	153	rVB3	8617	13411	0.61%	0.060%
5	4.074	164	168	173	rVB3	10202	16491	0.75%	0.074%
6	4.174	180	185	191	rBV4	5226	9824	0.45%	0.044%
7	5.102	337	343	350	rVB5	4137	7464	0.34%	0.033%
8	7.182	690	697	712	rBV2	123720	268799	12.19%	1.201%
9	7.347	718	725	735	rBV	91904	163094	7.40%	0.729%
10	7.558	754	761	770	rBV	134448	243819	11.06%	1.090%
11	8.028	834	841	850	rBV	240207	419234	19.02%	1.873%
12	8.739	955	962	973	rBV	146067	281181	12.75%	1.257%
13	9.192	1031	1039	1048	rBV	129414	234074	10.62%	1.046%
14	9.920	1155	1163	1173	rBV	112261	210795	9.56%	0.942%
15	10.473	1249	1257	1267	rBV	170978	346897	15.73%	1.550%
16	10.849	1313	1321	1329	rBV	339565	634501	28.78%	2.835%
17	10.984	1337	1344	1360	rBV	109426	232225	10.53%	1.038%
18	12.441	1588	1592	1600	rVV5	2840	6202	0.28%	0.028%
19	12.511	1600	1604	1612	rVB3	2985	6271	0.28%	0.028%
20	13.516	1771	1775	1780	rBV4	3257	5534	0.25%	0.025%
21	14.010	1855	1859	1863	rBV3	4281	6799	0.31%	0.030%
22	14.086	1866	1872	1876	rVV	371554	554048	25.13%	2.476%
23	14.133	1876	1880	1886	rVV	90500	138362	6.28%	0.618%
24	14.380	1915	1922	1934	rVB	451487	712108	32.30%	3.182%
25	14.685	1965	1974	1982	rBV	590033	954840	43.31%	4.267%
26	14.750	1982	1985	1991	rVB3	6128	9225	0.42%	0.041%
27	14.885	2001	2008	2012	rBV	57873	118690	5.38%	0.530%
28	14.932	2012	2016	2032	rVB	99585	200513	9.09%	0.896%
29	15.097	2039	2044	2049	rVB5	12355	21189	0.96%	0.095%
30	15.484	2104	2110	2115	rBV6	4906	11788	0.53%	0.053%
31	15.537	2115	2119	2125	rVB5	4330	7900	0.36%	0.035%
32	15.678	2132	2143	2150	rBV	584690	907666	41.17%	4.056%
33	15.731	2150	2152	2157	rVB2	11353	14404	0.65%	0.064%
34	15.796	2157	2163	2171	rBV	117709	186290	8.45%	0.832%

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35	15.919	2181	2184	2187	rVV2	5971	9533	0.43%	0.043%
36	16.031	2201	2203	2211	rVB7	5337	9498	0.43%	0.042%
37	16.189	2227	2230	2234	rVB3	3442	5705	0.26%	0.025%
38	16.372	2257	2261	2263	rBV4	5657	7546	0.34%	0.034%
39	16.407	2263	2267	2269	rVV3	5594	7938	0.36%	0.035%
40	16.554	2287	2292	2297	rBV4	5072	10842	0.49%	0.048%
41	16.742	2315	2324	2329	rBV9	5925	12268	0.56%	0.055%
42	16.795	2329	2333	2337	rBV3	3661	6492	0.29%	0.029%
43	17.012	2367	2370	2374	rVB5	4644	6434	0.29%	0.029%
44	17.088	2380	2383	2391	rVB5	8266	15230	0.69%	0.068%
45	17.188	2393	2400	2404	rBV7	9235	21477	0.97%	0.096%
46	17.253	2408	2411	2419	rVB2	9526	19287	0.87%	0.086%
47	17.335	2419	2425	2431	rBV	29652	50291	2.28%	0.225%
48	17.394	2432	2435	2436	rVV2	6685	6038	0.27%	0.027%
49	17.441	2436	2443	2447	rVV	735364	1140620	51.73%	5.097%
50	17.482	2447	2450	2454	rVV	125315	179110	8.12%	0.800%
51	17.535	2454	2459	2469	rVV	606300	964141	43.73%	4.309%
52	17.629	2471	2475	2480	rVV4	6582	12827	0.58%	0.057%
53	17.746	2494	2495	2501	rVB6	6303	7924	0.36%	0.035%
54	17.829	2501	2509	2517	rBV	88653	151680	6.88%	0.678%
55	17.934	2524	2527	2529	rBV4	7159	8293	0.38%	0.037%
56	17.958	2529	2531	2536	rVB6	5218	6370	0.29%	0.028%
57	18.023	2536	2542	2546	rBV3	14024	22185	1.01%	0.099%
58	18.105	2552	2556	2558	rBV5	5076	7597	0.34%	0.034%
59	18.175	2563	2568	2570	rBV4	4809	7372	0.33%	0.033%
60	18.222	2570	2576	2578	rBV7	8225	16249	0.74%	0.073%
61	18.328	2587	2594	2597	rVV2	84527	148130	6.72%	0.662%
62	18.363	2597	2600	2604	rVV	56996	95128	4.31%	0.425%
63	18.399	2604	2606	2610	rVV	21441	26298	1.19%	0.118%
64	18.446	2611	2614	2618	rVB2	14629	18825	0.85%	0.084%
65	18.510	2619	2625	2629	rVV3	66242	126447	5.74%	0.565%
66	18.546	2629	2631	2639	rVB	33609	52885	2.40%	0.236%
67	18.628	2642	2645	2648	rVV4	8766	11074	0.50%	0.049%
68	18.716	2656	2660	2663	rBV4	8580	11993	0.54%	0.054%
69	18.810	2672	2676	2680	rBV	27431	41034	1.86%	0.183%
70	18.857	2680	2684	2689	rVB5	24750	39283	1.78%	0.176%
71	19.057	2715	2718	2723	rVB2	18099	23103	1.05%	0.103%

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72	19.115	2724	2728	2729	rBV2	11929	15345	0.70%	0.069%
73	19.227	2743	2747	2751	rBV	46931	79758	3.62%	0.356%
74	19.368	2767	2771	2779	rBV4	39908	86800	3.94%	0.388%
75	19.491	2787	2792	2799	rVB	334237	467029	21.18%	2.087%
76	19.556	2799	2803	2805	rBV4	20096	26763	1.21%	0.120%
77	19.826	2843	2849	2852	rBV	839979	1302732	59.09%	5.822%
78	19.856	2852	2854	2862	rVV	375537	437478	19.84%	1.955%
79	19.932	2863	2867	2869	rVV3	25568	44035	2.00%	0.197%
80	19.962	2869	2872	2876	rVB	35741	48361	2.19%	0.216%
81	20.173	2905	2908	2915	rVB2	34515	68925	3.13%	0.308%
82	20.343	2934	2937	2942	rVB3	77732	120499	5.47%	0.538%
83	20.449	2951	2955	2960	rBV2	46485	78877	3.58%	0.352%
84	20.502	2961	2964	2968	rVB2	52911	75779	3.44%	0.339%
85	20.643	2985	2988	2992	rBV	44356	63628	2.89%	0.284%
86	20.690	2993	2996	2999	rVB	46458	56487	2.56%	0.252%
87	20.907	3029	3033	3037	rBV	68146	96888	4.39%	0.433%
88	21.366	3108	3111	3120	rVB3	161875	307154	13.93%	1.373%
89	21.613	3149	3153	3158	rVB	198331	259083	11.75%	1.158%
90	21.724	3163	3172	3177	rVV3	806084	1730609	78.50%	7.734%
91	21.765	3177	3179	3187	rVB	200648	307583	13.95%	1.375%
92	21.930	3203	3207	3213	rVB3	44814	71574	3.25%	0.320%
93	22.547	3308	3312	3324	rVB4	111165	228839	10.38%	1.023%
94	23.604	3488	3492	3505	rVB3	113611	268187	12.16%	1.198%
95	23.957	3546	3552	3559	rBV2	109110	313880	14.24%	1.403%
96	24.086	3568	3574	3579	rBV	120819	244190	11.08%	1.091%
97	24.151	3580	3585	3603	rVB4	132981	477715	21.67%	2.135%
98	24.685	3673	3676	3682	rBV	47337	85599	3.88%	0.383%
99	24.768	3682	3690	3697	rBV	363165	940718	42.67%	4.204%
100	24.997	3720	3729	3737	rBV2	445152	1321204	59.93%	5.904%

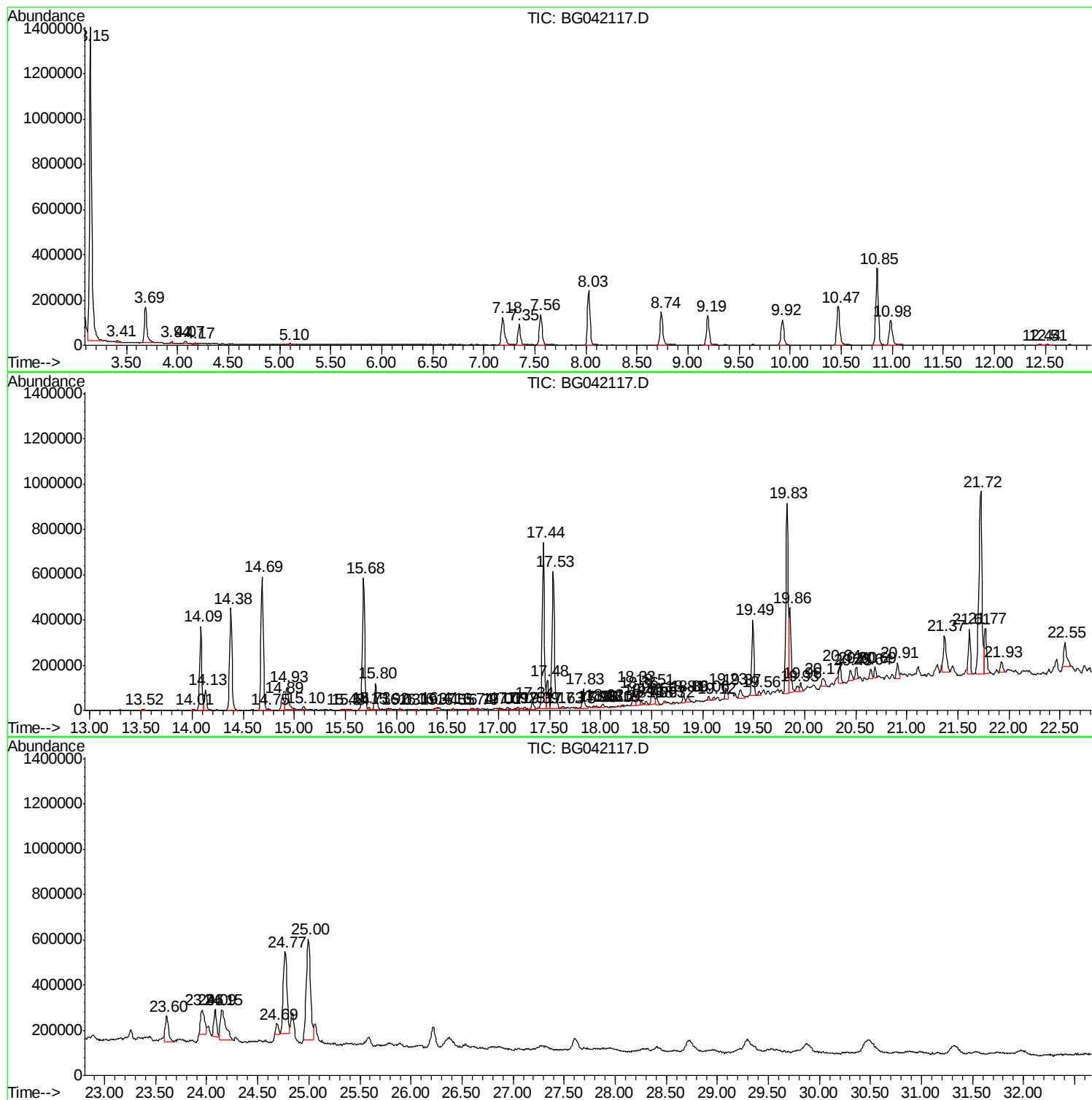
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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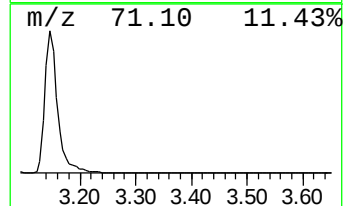
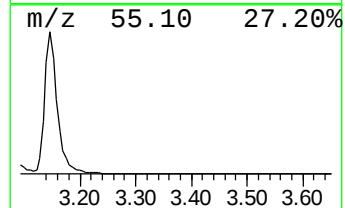
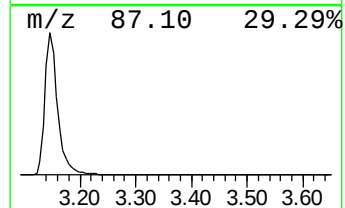
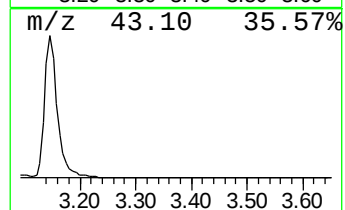
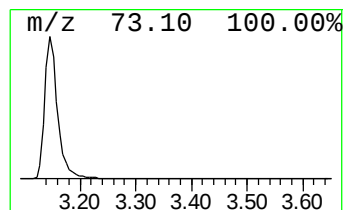
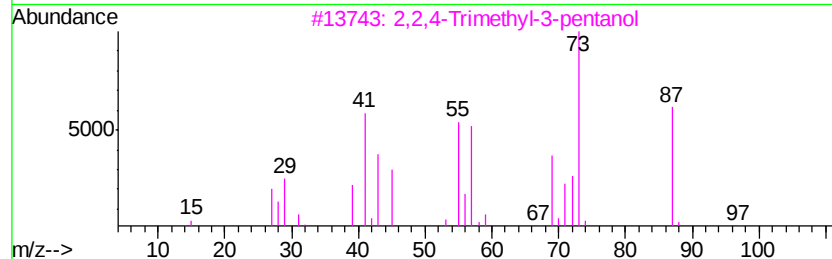
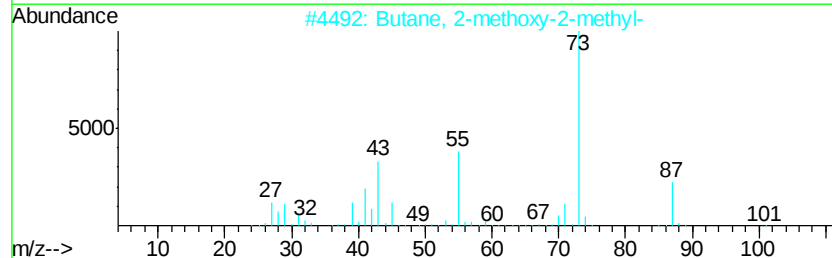
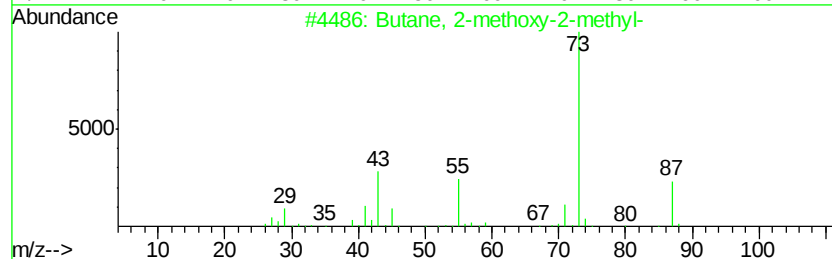
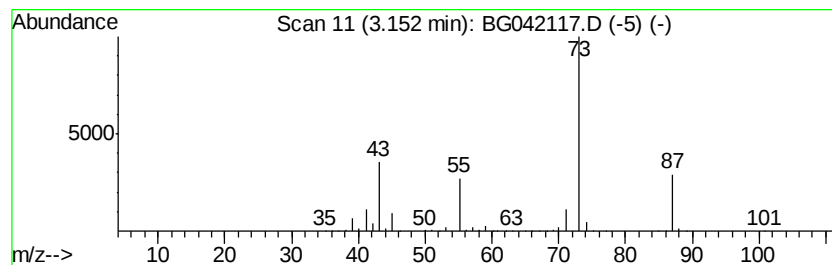
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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	105.18 ng/ul	2204740	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27



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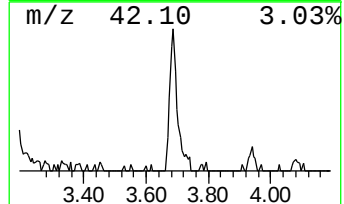
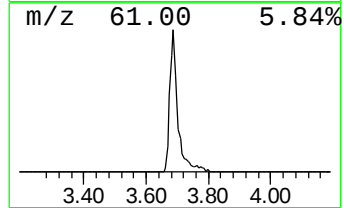
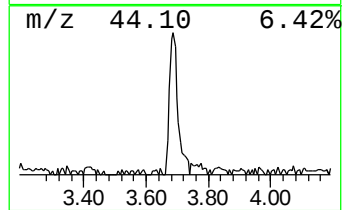
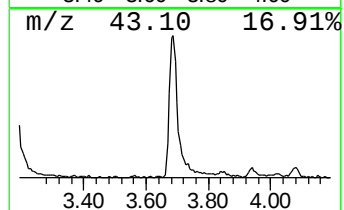
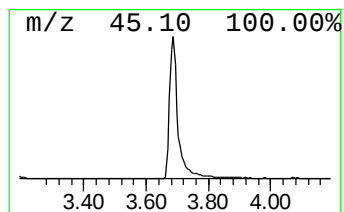
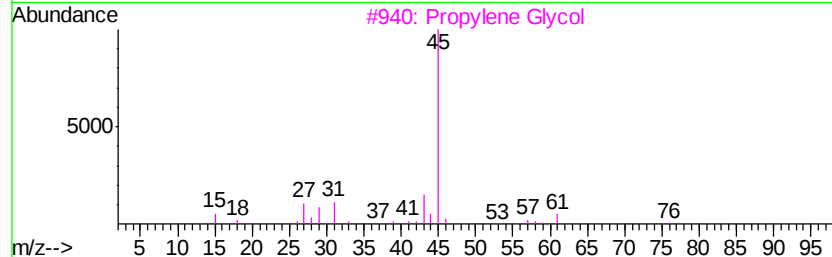
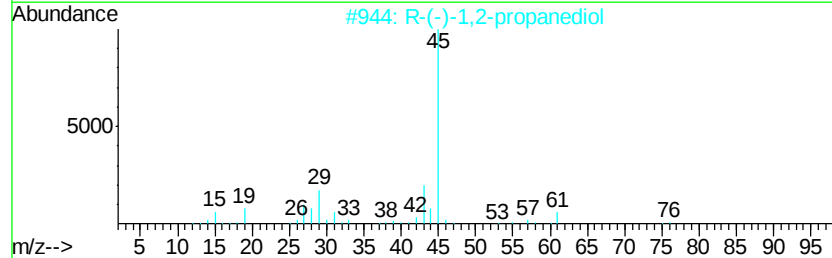
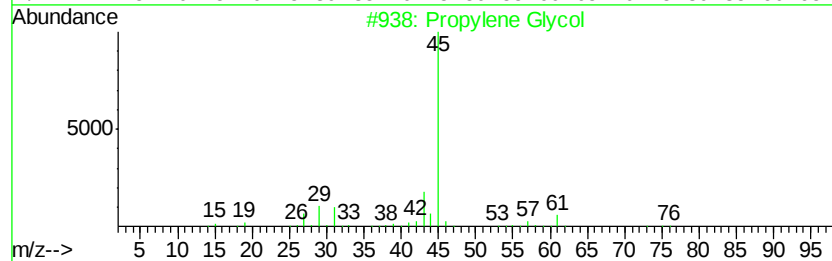
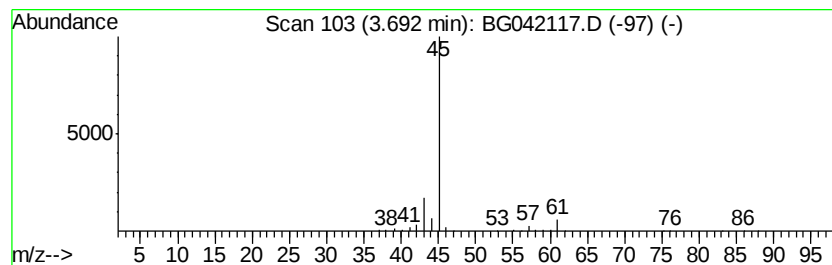
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.69	13.57 ng/ul	284466	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	90
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3		Propylene Glycol	76	C3H8O2	000057-55-6	64
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	40



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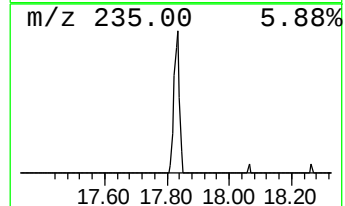
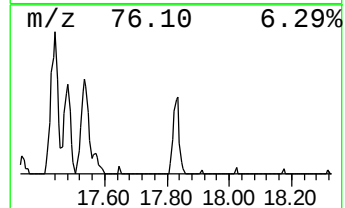
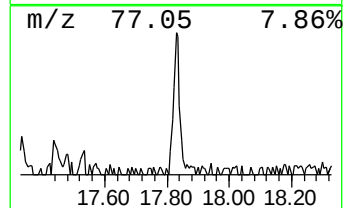
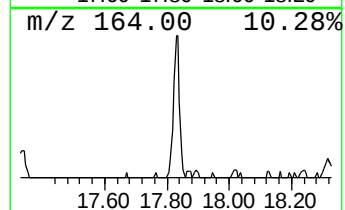
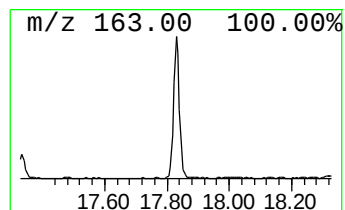
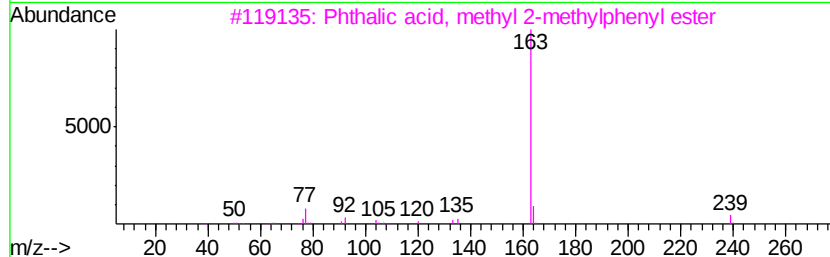
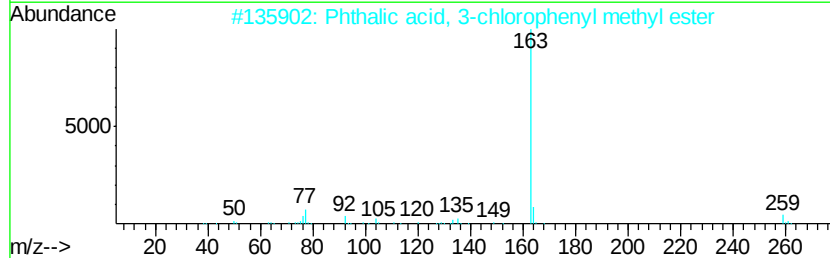
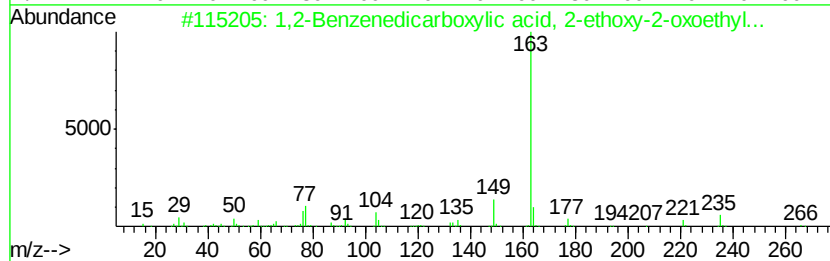
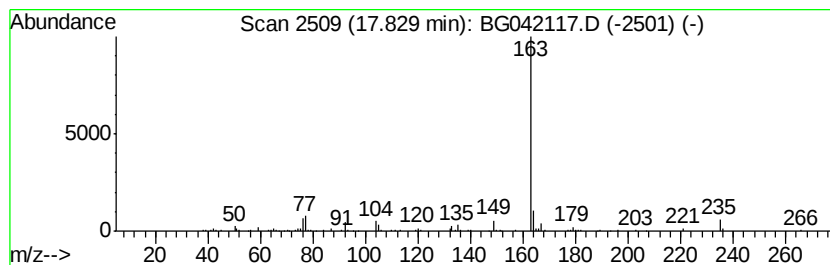
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Peak Number 3 1,2-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.66 ng/ul	151680	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, 2-...	266	C13H14O6	000085-71-2	93
2		Phthalic acid, 3-chlorophenyl me...	290	C15H11ClO4	1000315-72-2	64
3		Phthalic acid, methyl 2-methylph...	270	C16H14O4	1000315-59-0	64
4		Phthalic acid, methyl non-5-yn-3...	302	C18H22O4	1000315-74-7	64
5		2-Ethylbutyl methyl phthalate	264	C15H20O4	1000373-89-6	64



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Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
Operator : HP/JU
Sample : K4041-13
Misc :
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Instrument :
BNA_G
ClientSampleId :
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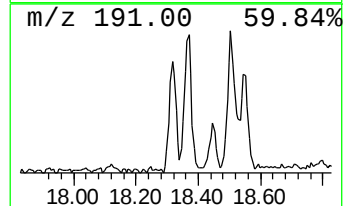
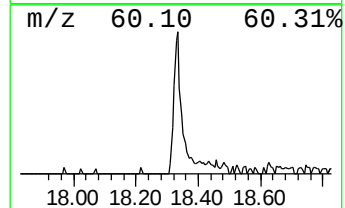
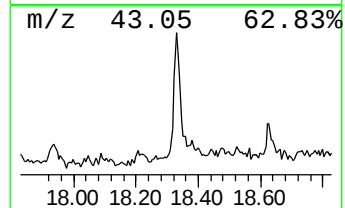
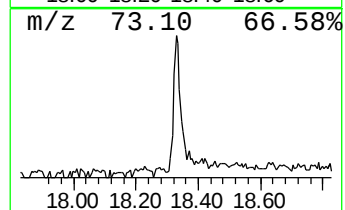
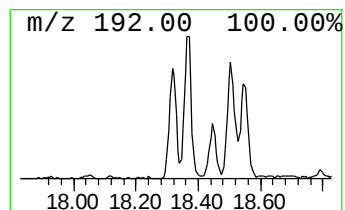
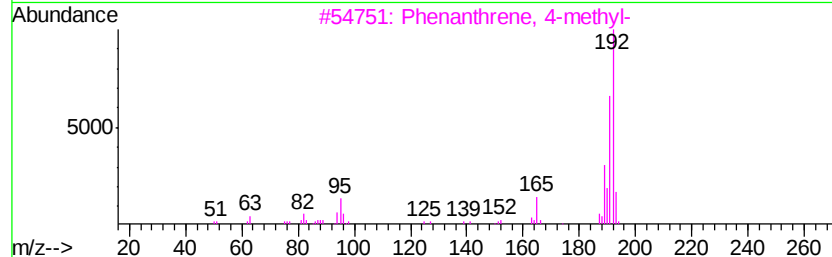
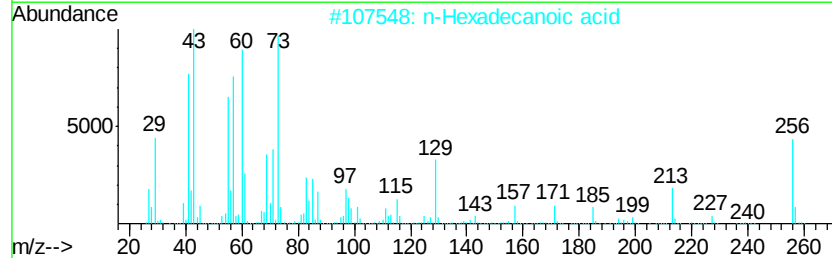
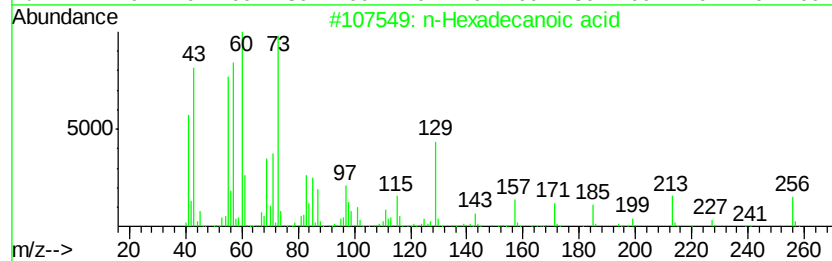
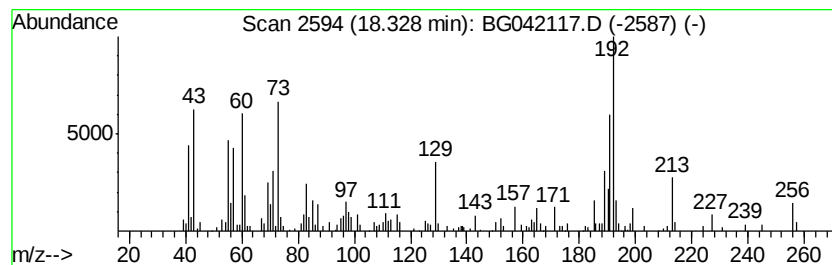
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	2.60 ng/ul	148130	Phenanthrene-d10	17.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91	
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	60	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	50	



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ClientSampleId :
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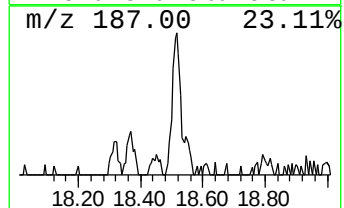
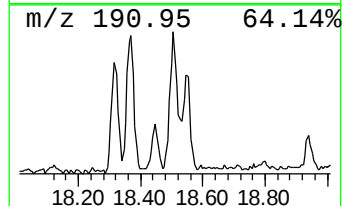
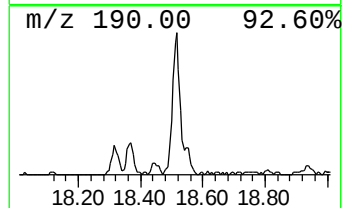
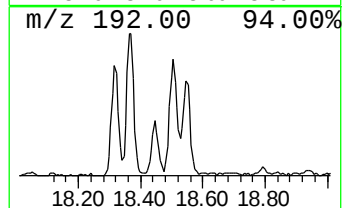
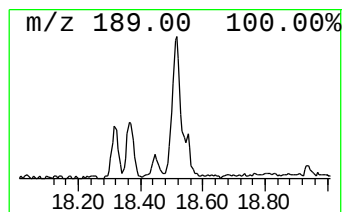
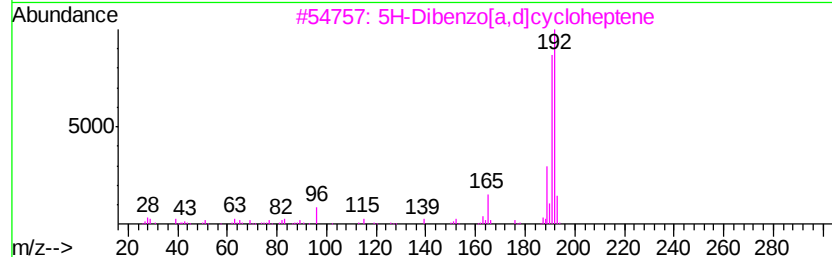
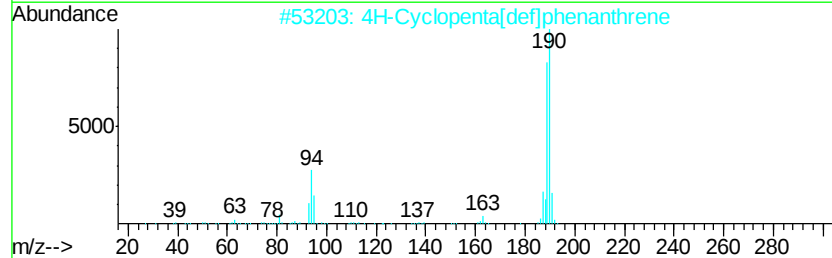
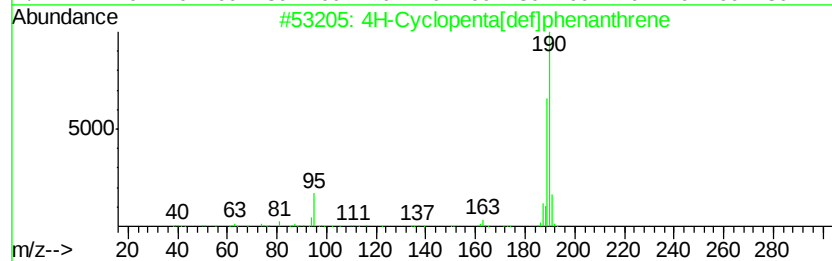
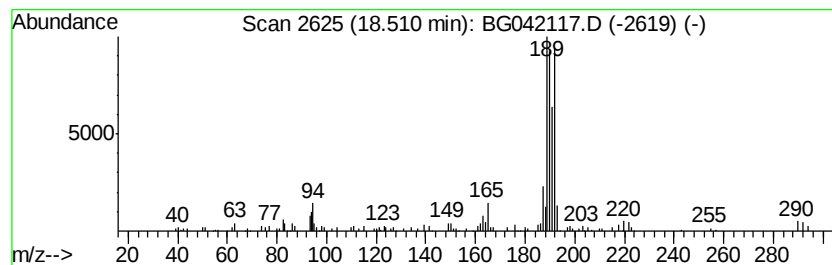
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.51	2.22 ng/ul	126447	Phenanthrene-d10	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
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Sample : K4041-13
Misc :
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ClientSampleId :
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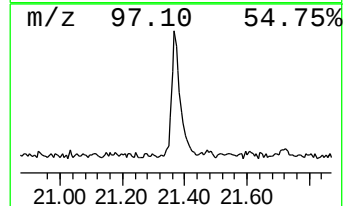
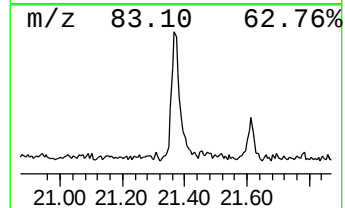
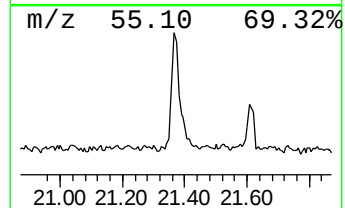
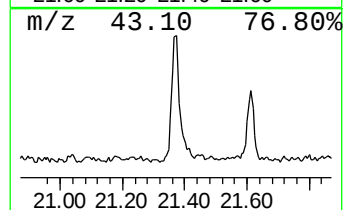
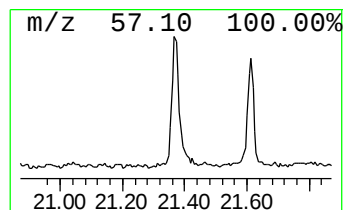
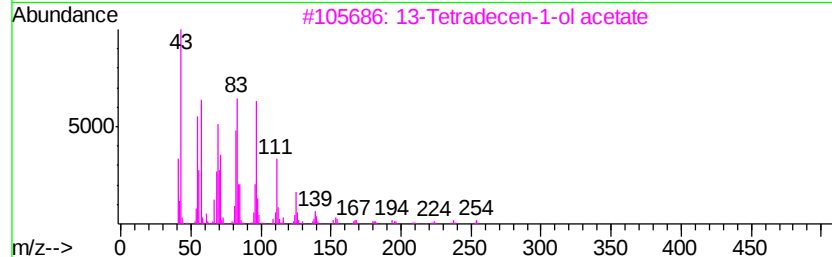
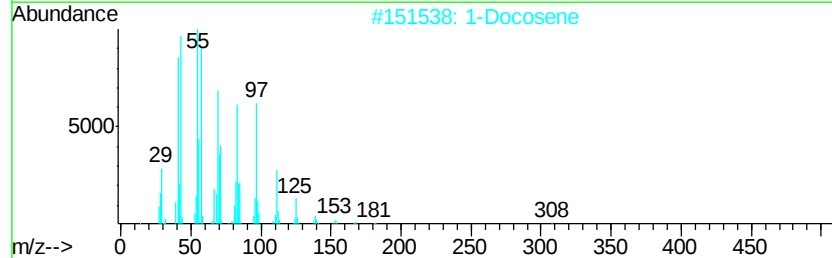
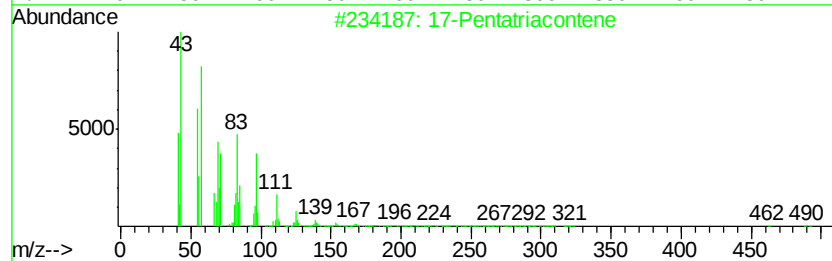
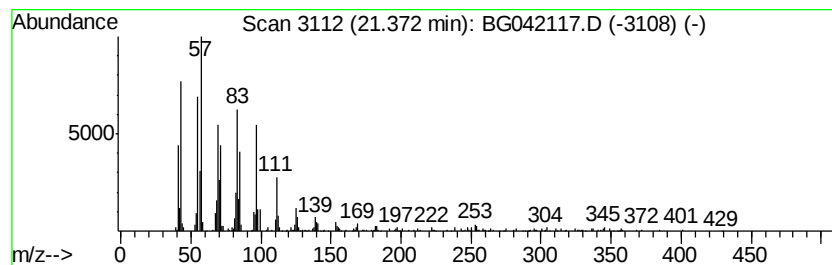
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic21.37 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	3.55 ng/ul	307154	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	94
2		1-Docosene	308	C22H44	001599-67-3	94
3		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5		Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
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Misc :
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ClientSampleId :
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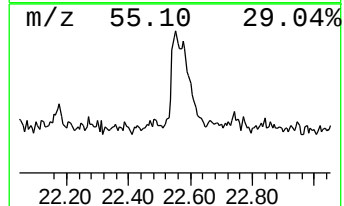
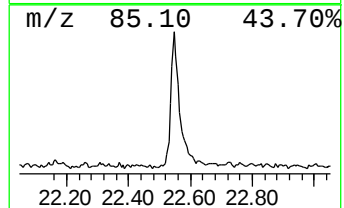
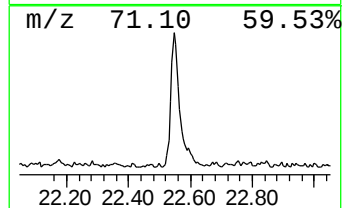
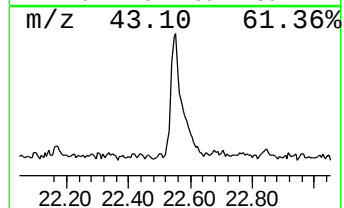
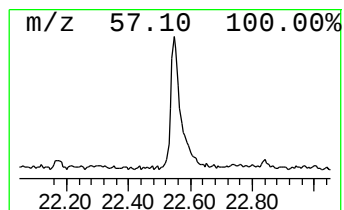
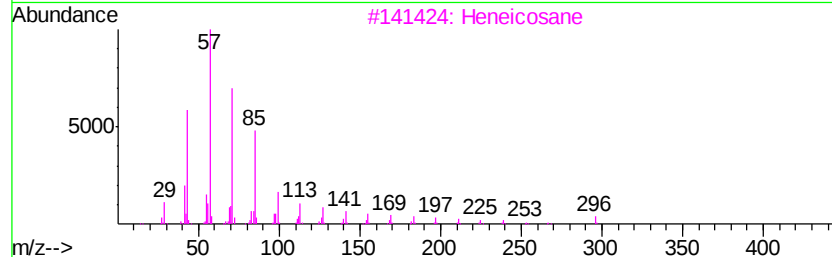
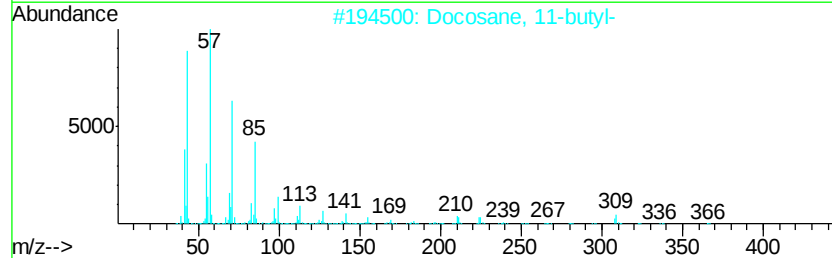
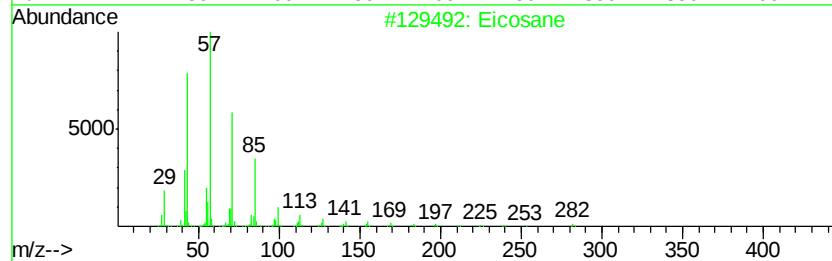
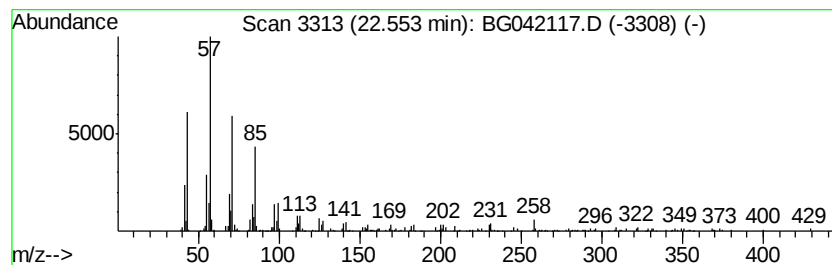
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.55	2.64 ng/ul	228839	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3		Heneicosane	296	C21H44	000629-94-7	93
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	93
5		Heneicosane	296	C21H44	000629-94-7	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
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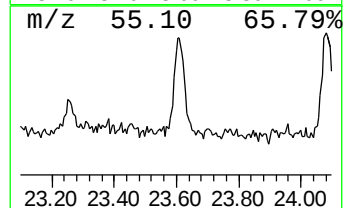
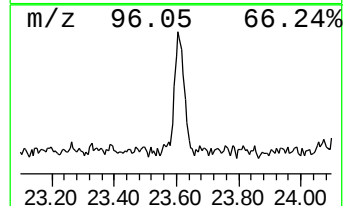
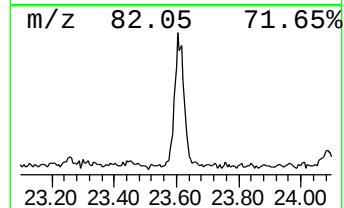
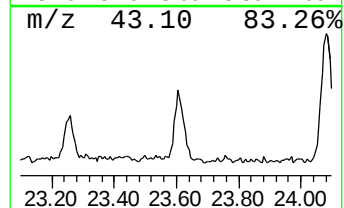
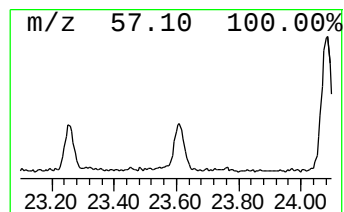
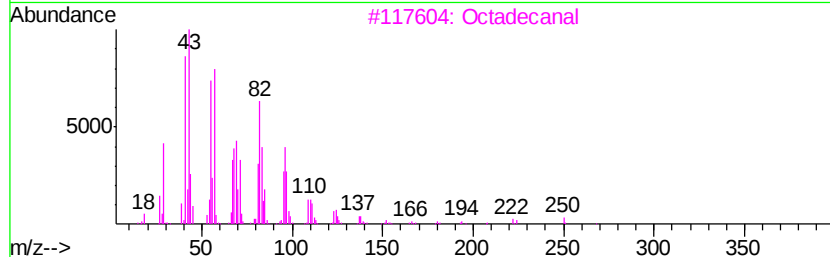
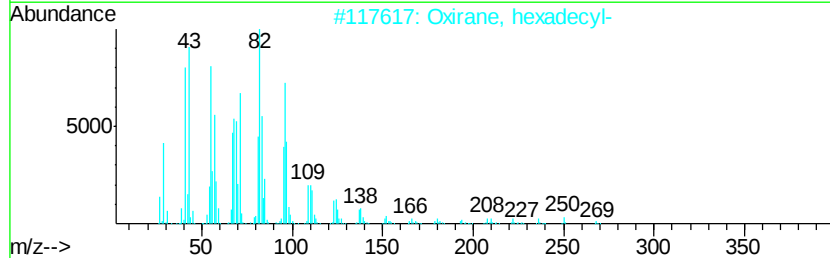
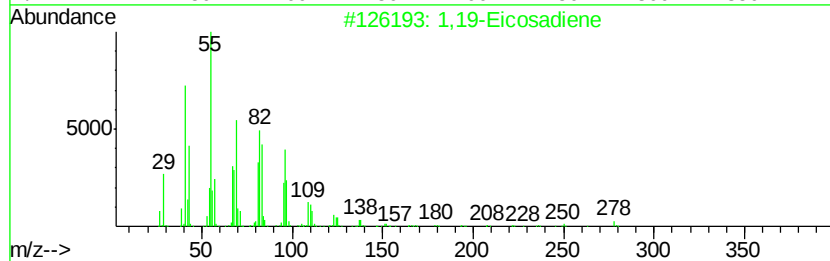
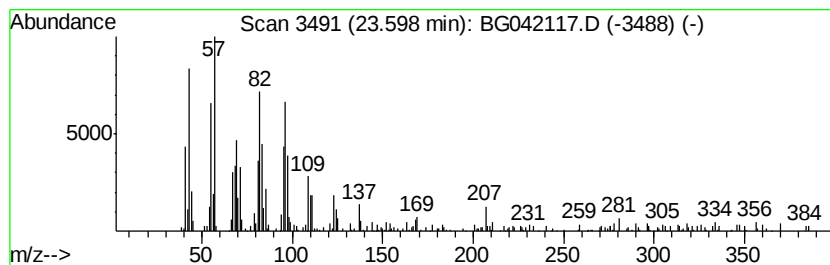
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,19-Eicosadiene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.06 ng/ul	268187	Perylene-d12	25.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene		278	C20H38	014811-95-1	95
2	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	93
3	Octadecanal		268	C18H36O	000638-66-4	91
4	(Z)-14-Tricosenyl formate		366	C24H46O2	077899-10-6	91
5	Tetracosanal		352	C24H48O	057866-08-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
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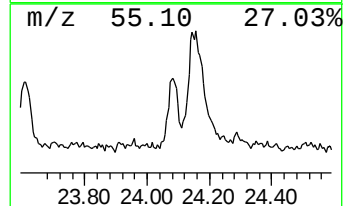
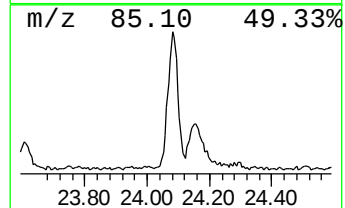
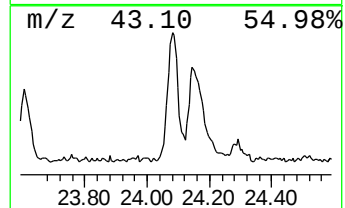
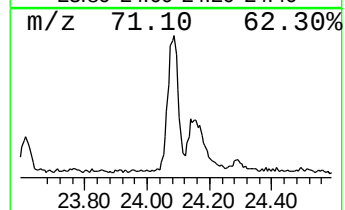
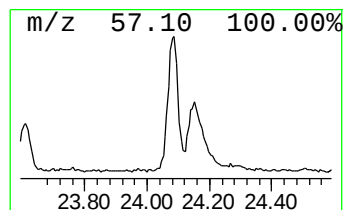
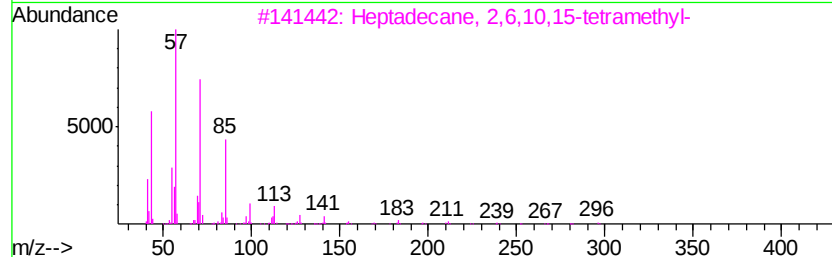
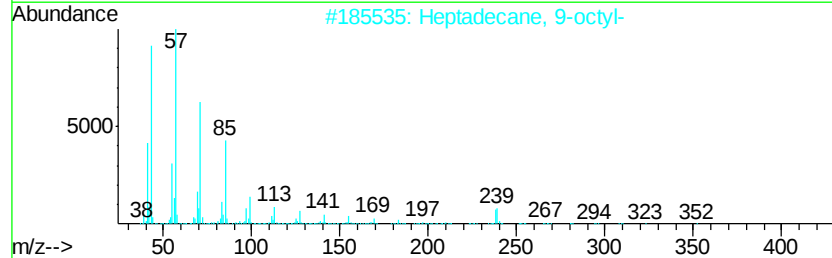
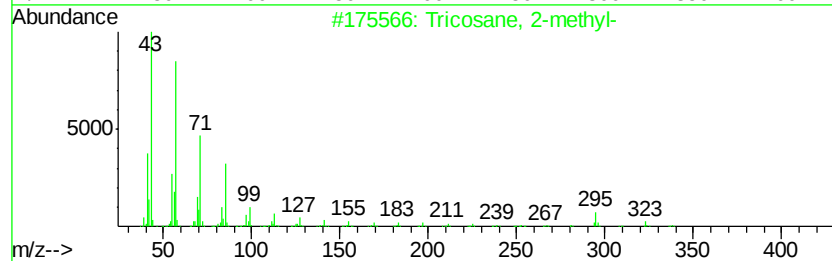
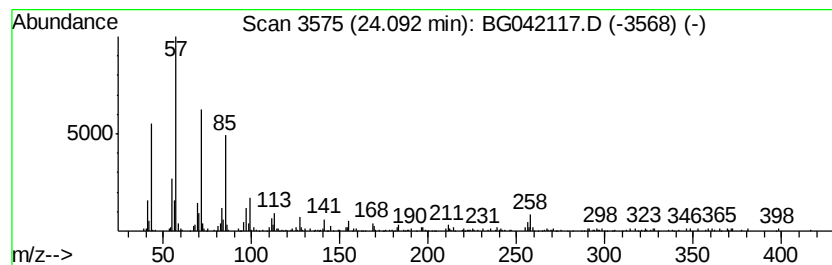
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	3.70 ng/ul	244190	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	95
2		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4		Hentriacontane	437	C31H64	000630-04-6	90
5		Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042117.D
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ClientSampleId :
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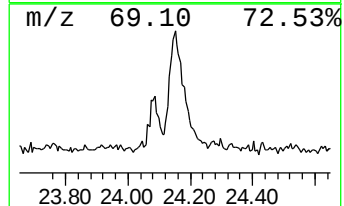
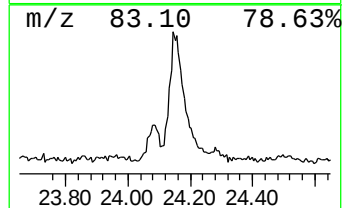
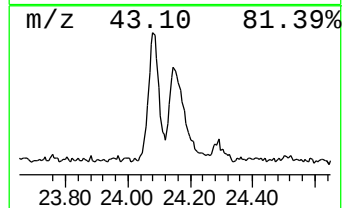
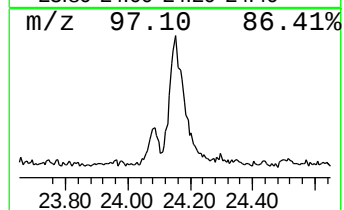
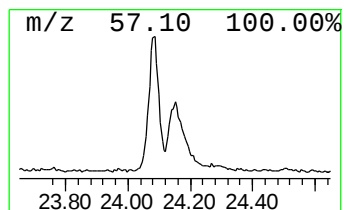
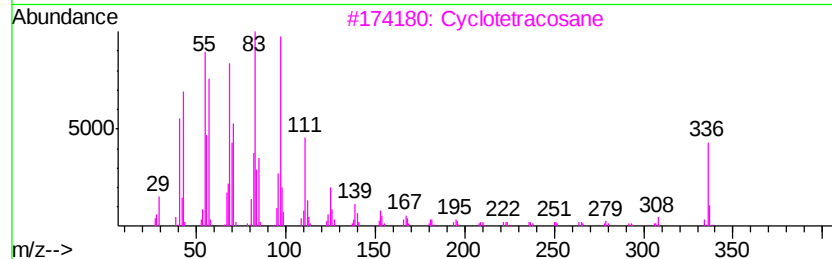
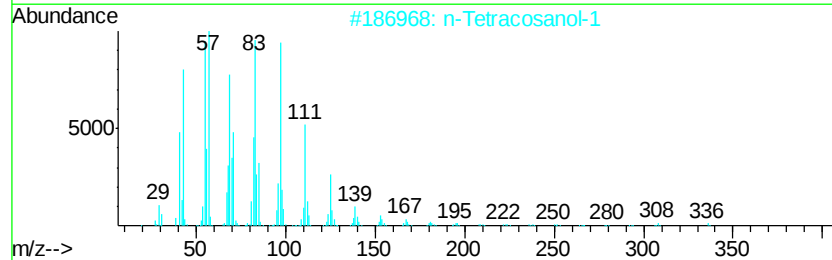
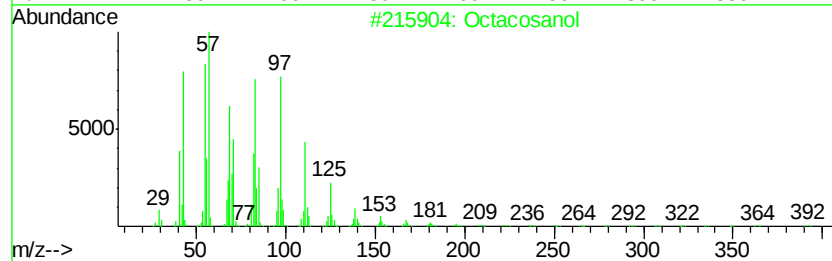
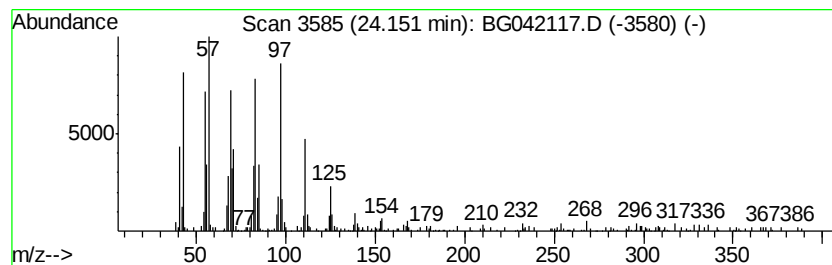
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Octacosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	7.23 ng/ul	477715	Perylene-d12	25.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosanol	410	C28H58O	000557-61-9	95
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3		Cyclotetracosane	336	C24H48	000297-03-0	94
4		1-Heptacosanol	396	C27H56O	002004-39-9	94
5		13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042117.D
Acq On : 10 Aug 2019 00:40
Operator : HP/JU
Sample : K4041-13
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BENW6

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	105.2	ng/ul	2204740	1	8.03	419234	20.0
Propylene Glycol	3.69	13.6	ng/ul	284466	1	8.03	419234	20.0
1,2-Benzenedicarb...	17.83	2.7	ng/ul	151680	4	17.44	1140620	20.0
n-Hexadecanoic acid	18.33	2.6	ng/ul	148130	4	17.44	1140620	20.0
unknown-01	18.51	2.2	ng/ul	126447	4	17.44	1140620	20.0
(DEL) Alkane: Cyc...	21.37	3.5	ng/ul	307154	5	21.72	1730610	20.0
(DEL) Alkane: Str...	22.55	2.6	ng/ul	228839	5	21.72	1730610	20.0
1,19-Eicosadiene	23.60	4.1	ng/ul	268187	6	25.00	1321200	20.0
(DEL) Alkane: Str...	24.09	3.7	ng/ul	244190	6	25.00	1321200	20.0
Octacosanol	24.15	7.2	ng/ul	477715	6	25.00	1321200	20.0