

Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
 Data File : BG028394.D
 Acq On : 21 Aug 2017 18:03
 Operator : SJ/JU
 Sample : I4713-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC1

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.1
 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: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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	3.823	34	40	48	rVB4	9745	16890	0.89%	0.086%
2	4.081	79	84	96	rBV	26848	52553	2.76%	0.266%
3	4.328	123	126	133	rVB5	2934	3690	0.19%	0.019%
4	4.422	139	142	148	rVB2	3102	6462	0.34%	0.033%
5	4.763	194	200	206	rVB5	3472	5858	0.31%	0.030%
6	5.456	311	318	326	rVB	11683	20485	1.08%	0.104%
7	5.527	326	330	334	rBV3	2446	3823	0.20%	0.019%
8	6.972	572	576	581	rVB4	2003	4313	0.23%	0.022%
9	7.342	632	639	646	rBV5	3825	10090	0.53%	0.051%
10	7.495	657	665	678	rBV	200115	399523	21.00%	2.025%
11	7.654	684	692	703	rVB	130807	233889	12.29%	1.186%
12	7.877	723	730	742	rBV	183039	326091	17.14%	1.653%
13	8.288	791	800	801	rBV4	2000	4424	0.23%	0.022%
14	8.341	801	809	822	rVV2	123715	223478	11.75%	1.133%
15	9.040	920	928	943	rBV	255812	489685	25.74%	2.482%
16	9.510	1000	1008	1018	rBV	192502	374577	19.69%	1.899%
17	9.598	1018	1023	1030	rBV4	6787	16839	0.89%	0.085%
18	9.880	1064	1071	1074	rBV5	1973	4570	0.24%	0.023%
19	10.233	1124	1131	1143	rBV2	179015	342234	17.99%	1.735%
20	10.779	1214	1224	1241	rVB2	268450	526729	27.69%	2.670%
21	10.938	1248	1251	1257	rVB3	3618	5735	0.30%	0.029%
22	11.161	1280	1289	1298	rBV	203294	369988	19.45%	1.876%
23	11.291	1303	1311	1324	rBV	232688	466363	24.51%	2.364%
24	12.313	1479	1485	1490	rVB4	3651	7132	0.37%	0.036%
25	12.519	1512	1520	1523	rBV4	2021	4402	0.23%	0.022%
26	12.601	1529	1534	1540	rBV4	6998	13305	0.70%	0.067%
27	12.724	1547	1555	1561	rBV4	5116	10066	0.53%	0.051%
28	13.288	1647	1651	1657	rBV4	2026	4231	0.22%	0.021%
29	13.547	1688	1695	1698	rBV3	3226	4947	0.26%	0.025%
30	13.735	1722	1727	1733	rVV4	3605	6329	0.33%	0.032%
31	13.993	1769	1771	1777	rBV3	2012	3671	0.19%	0.019%
32	14.340	1819	1830	1834	rBV	653728	982217	51.63%	4.979%
33	14.387	1834	1838	1846	rVB	295631	427683	22.48%	2.168%
34	14.557	1863	1867	1870	rBV3	2313	3965	0.21%	0.020%

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35	14.645	1874	1882	1891	rBV	626982	1024746	53.87%	5.195%
36	14.804	1903	1909	1914	rBV2	7885	12671	0.67%	0.064%
37	14.951	1927	1934	1943	rVB2	360370	611412	32.14%	3.099%
38	15.145	1958	1967	1981	rBV	189878	421772	22.17%	2.138%
39	15.327	1992	1998	2009	rVB8	21882	50041	2.63%	0.254%
40	15.486	2023	2025	2031	rVB5	4734	6070	0.32%	0.031%
41	15.715	2057	2064	2065	rBV3	4792	7567	0.40%	0.038%
42	15.750	2065	2070	2077	rVB4	20438	29200	1.53%	0.148%
43	15.938	2095	2102	2115	rVB	926541	1426146	74.97%	7.230%
44	16.056	2115	2122	2131	rBV	302345	485327	25.51%	2.460%
45	16.179	2134	2143	2152	rVB9	12328	36149	1.90%	0.183%
46	16.255	2152	2156	2159	rBV4	3155	4972	0.26%	0.025%
47	16.308	2160	2165	2171	rVB6	4660	8623	0.45%	0.044%
48	16.373	2172	2176	2179	rVB4	3410	4045	0.21%	0.021%
49	16.608	2211	2216	2230	rBV	26979	63205	3.32%	0.320%
50	17.013	2282	2285	2287	rBV4	4558	5767	0.30%	0.029%
51	17.054	2288	2292	2301	rVV7	12889	27370	1.44%	0.139%
52	17.119	2301	2303	2309	rVB4	3253	4299	0.23%	0.022%
53	17.189	2312	2315	2317	rVB3	4624	3938	0.21%	0.020%
54	17.407	2346	2352	2356	rBV2	22558	30183	1.59%	0.153%
55	17.454	2356	2360	2369	rVB9	8651	20129	1.06%	0.102%
56	17.548	2374	2376	2378	rBV2	3605	3731	0.20%	0.019%
57	17.701	2394	2402	2411	rBV2	516591	818205	43.01%	4.148%
58	17.801	2411	2419	2428	rVV2	1005713	1630041	85.68%	8.263%
59	17.877	2428	2432	2438	rVB7	7755	12188	0.64%	0.062%
60	17.942	2441	2443	2446	rBV4	4289	5715	0.30%	0.029%
61	18.141	2473	2477	2482	rBV3	14632	18765	0.99%	0.095%
62	18.318	2504	2507	2512	rBV4	4192	6657	0.35%	0.034%
63	18.435	2522	2527	2533	rBV7	5217	10818	0.57%	0.055%
64	18.488	2533	2536	2537	rBV3	4392	4210	0.22%	0.021%
65	18.547	2540	2546	2556	rBV	207962	336071	17.67%	1.704%
66	18.688	2569	2570	2575	rVB5	5139	5436	0.29%	0.028%
67	18.829	2590	2594	2598	rBV4	10154	11109	0.58%	0.056%
68	18.964	2610	2617	2623	rVB9	8787	22255	1.17%	0.113%
69	19.070	2632	2635	2642	rVB7	6013	8565	0.45%	0.043%
70	19.140	2646	2647	2653	rVB5	4068	5347	0.28%	0.027%
71	19.275	2667	2670	2675	rBV5	4430	6957	0.37%	0.035%

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72	19.340	2678	2681	2686	rBV6	5809	8820	0.46%	0.045%
73	19.399	2689	2691	2695	rVB5	5392	5853	0.31%	0.030%
74	19.452	2696	2700	2703	rVB3	8771	8018	0.42%	0.041%
75	19.598	2723	2725	2727	rBV3	4682	5382	0.28%	0.027%
76	19.663	2731	2736	2738	rBV4	21729	29910	1.57%	0.152%
77	19.804	2754	2760	2768	rBV2	174954	266469	14.01%	1.351%
78	19.963	2785	2787	2793	rVB4	20252	26630	1.40%	0.135%
79	20.074	2799	2806	2819	rVB	1317732	1902373	100.00%	9.644%
80	20.345	2848	2852	2855	rBV2	30410	35198	1.85%	0.178%
81	20.380	2855	2858	2864	rVB2	30762	36873	1.94%	0.187%
82	20.480	2874	2875	2880	rBV4	7484	10298	0.54%	0.052%
83	20.544	2884	2886	2893	rVB8	7687	11753	0.62%	0.060%
84	20.932	2947	2952	2960	rVB8	22459	45009	2.37%	0.228%
85	21.056	2970	2973	2977	rBV3	20299	25942	1.36%	0.132%
86	21.361	3022	3025	3029	rVB5	17208	21007	1.10%	0.106%
87	21.596	3059	3065	3079	rBV6	55025	156945	8.25%	0.796%
88	22.025	3130	3138	3146	rBV	513859	925374	48.64%	4.691%
89	22.536	3220	3225	3228	rBV7	14556	21348	1.12%	0.108%
90	22.577	3228	3232	3237	rVB7	22647	33465	1.76%	0.170%
91	22.824	3271	3274	3278	rBV4	11177	16080	0.85%	0.082%
92	23.564	3396	3400	3411	rVB4	40102	80108	4.21%	0.406%
93	24.046	3476	3482	3486	rBV6	17961	35918	1.89%	0.182%
94	24.105	3487	3492	3499	rVB5	28215	62078	3.26%	0.315%
95	24.440	3543	3549	3556	rVB4	33476	73213	3.85%	0.371%
96	25.286	3681	3693	3708	rVB2	594494	1831310	96.26%	9.283%
97	25.527	3717	3734	3749	rVB2	282041	1012252	53.21%	5.131%
98	26.696	3925	3933	3945	rVB3	52304	162198	8.53%	0.822%
99	28.159	4173	4182	4193	rVB4	47201	166819	8.77%	0.846%
100	29.945	4476	4486	4500	rVB8	33288	143970	7.57%	0.730%

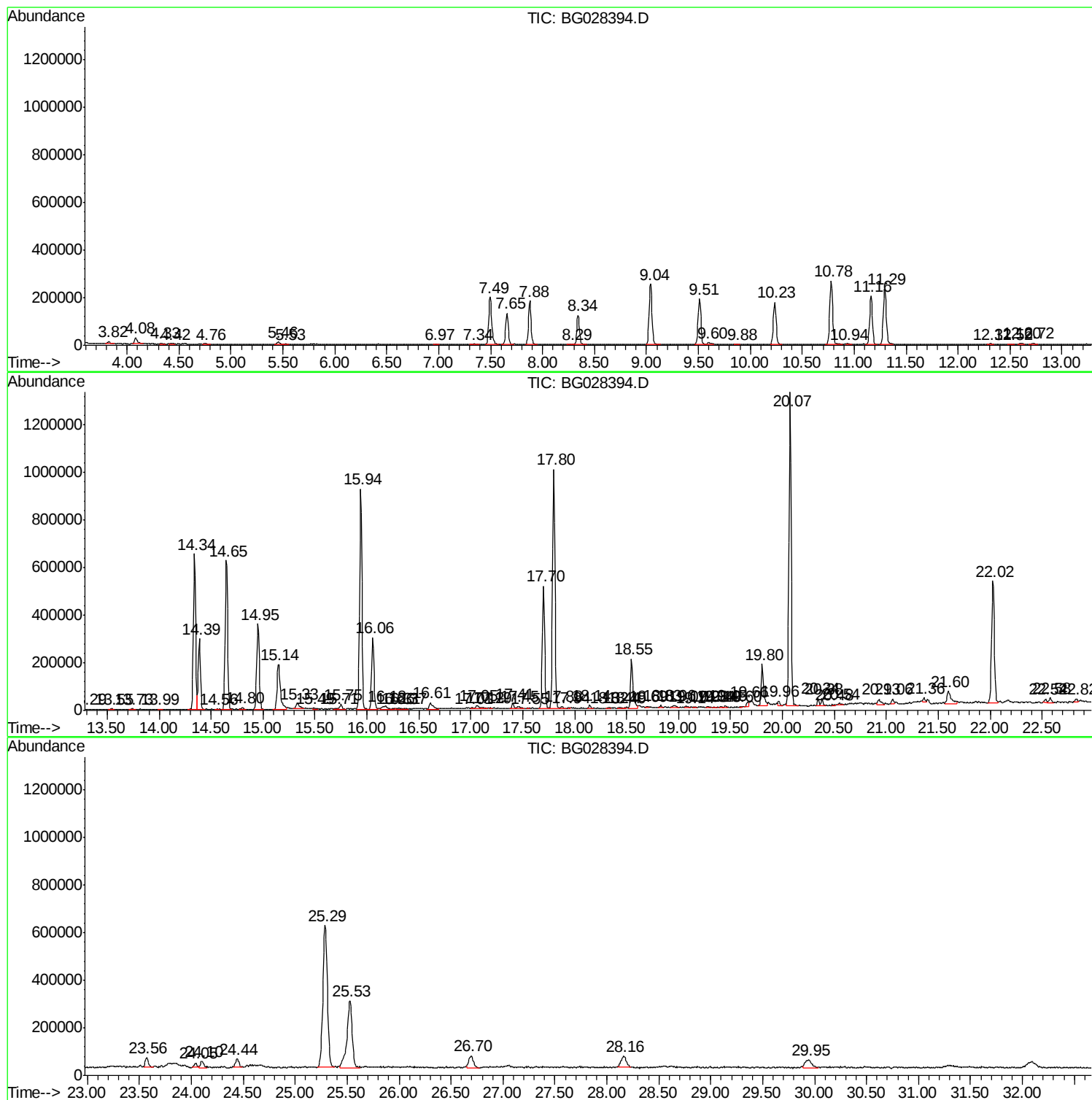
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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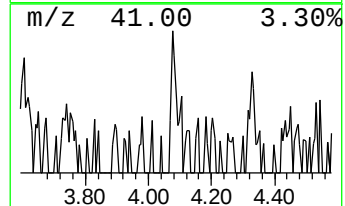
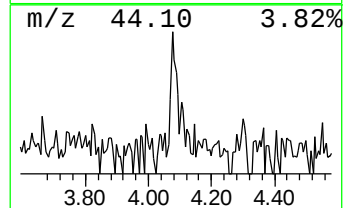
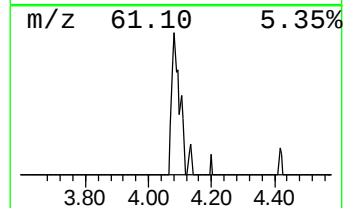
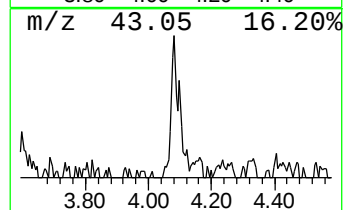
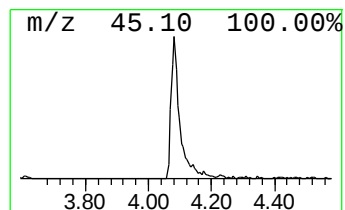
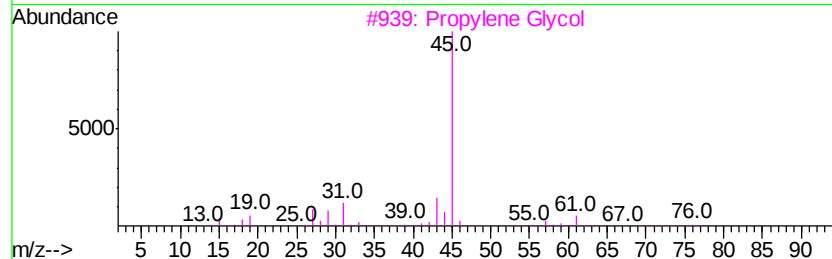
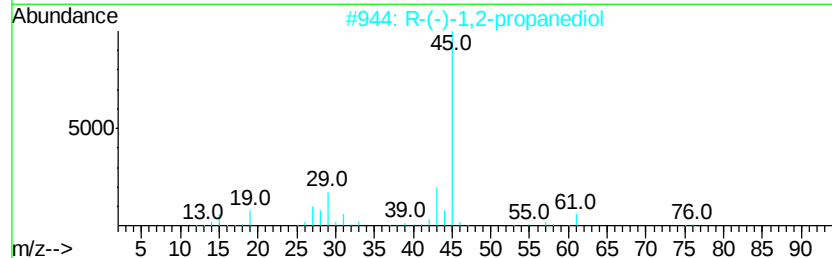
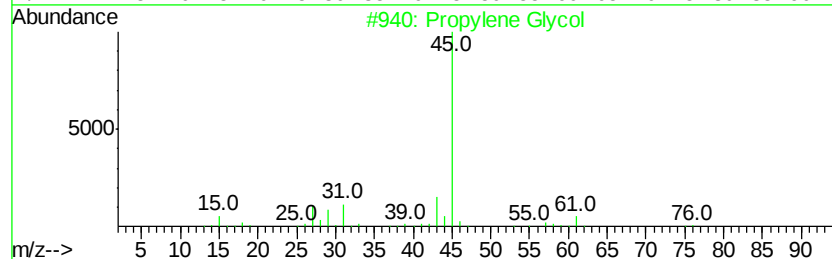
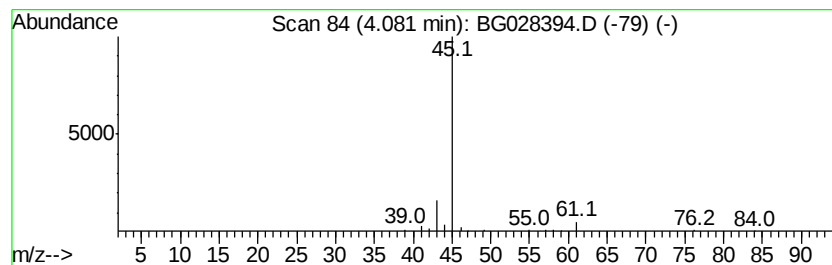
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	4.70 ng/ul	52553	1,4-Dichlorobenzene-d4	8.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propylene Glycol	76	C3H8O2	000057-55-6	40
2		R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	39
3		Propylene Glycol	76	C3H8O2	000057-55-6	9
4		(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9
5		2,3-Butanediol, [S-(R*,R*)]-	90	C4H10O2	019132-06-0	9



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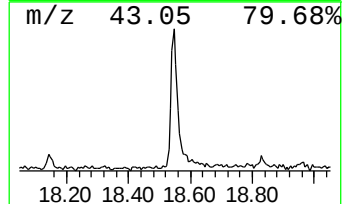
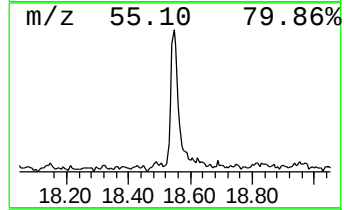
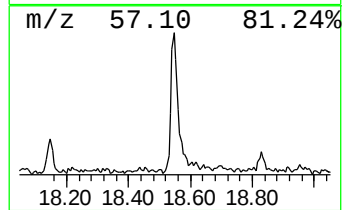
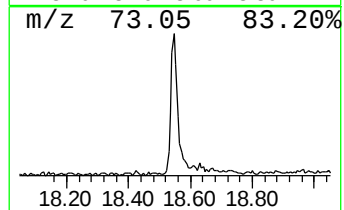
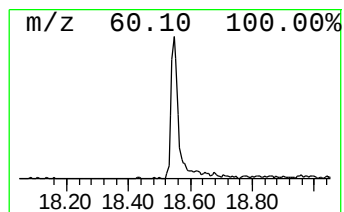
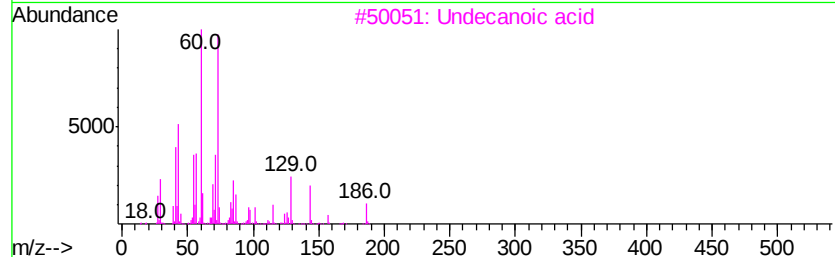
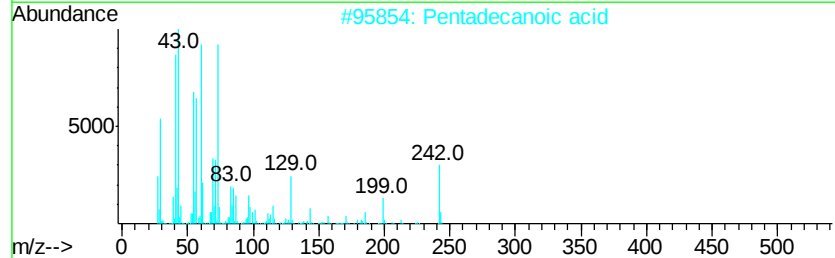
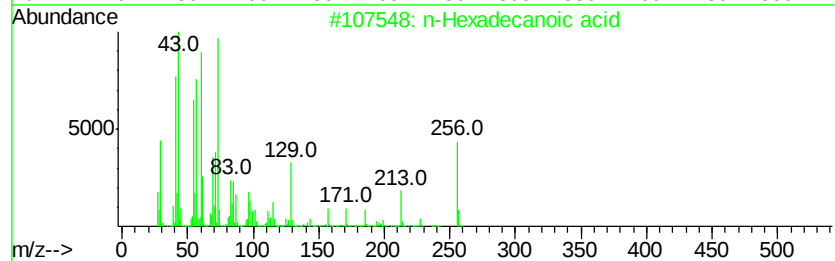
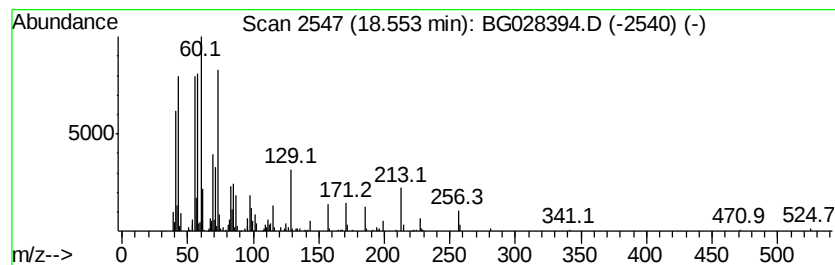
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	8.21 ng/ul	336071	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
3	Undecanoic acid	186	C11H22O2	000112-37-8	59	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58	



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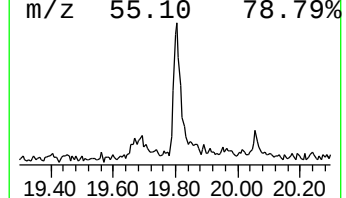
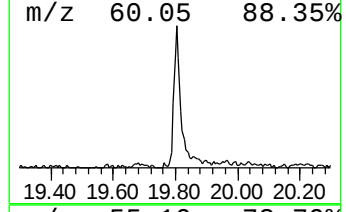
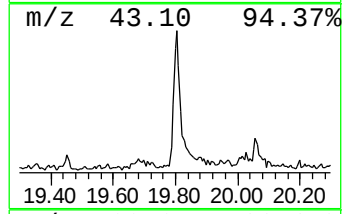
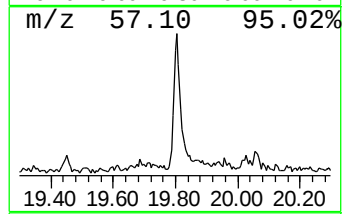
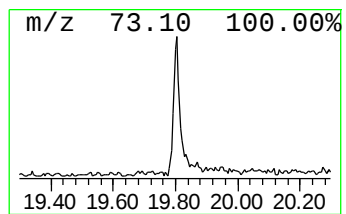
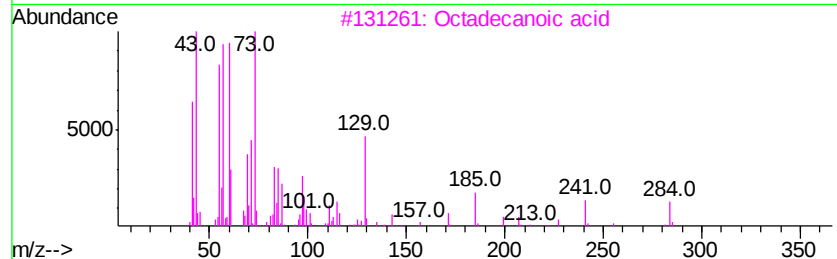
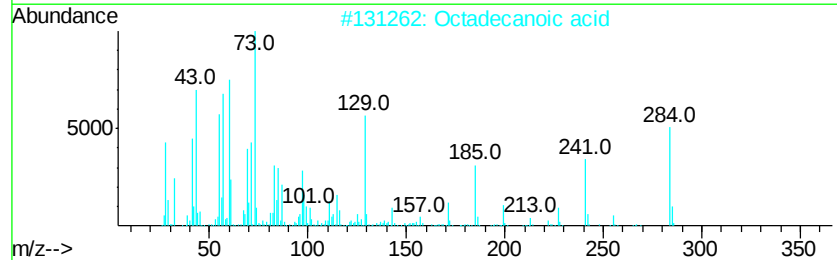
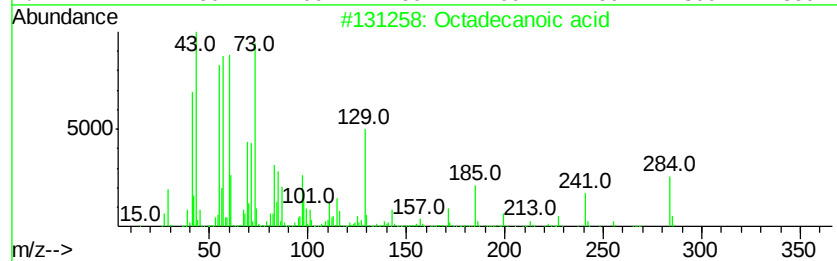
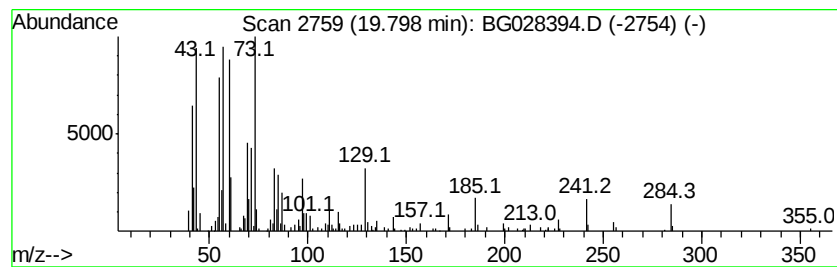
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	6.51 ng/ul	266469	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	94	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91	



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Data File : BG028394.D
Acq On : 21 Aug 2017 18:03
Operator : SJ/JU
Sample : I4713-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC1

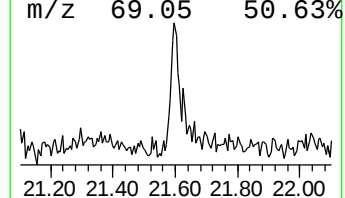
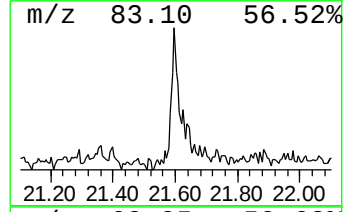
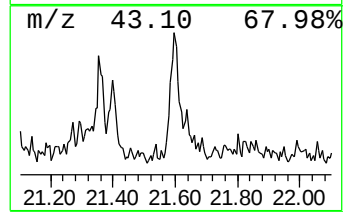
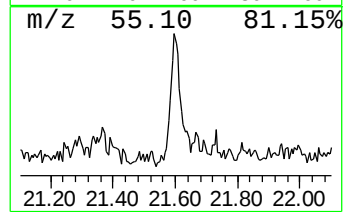
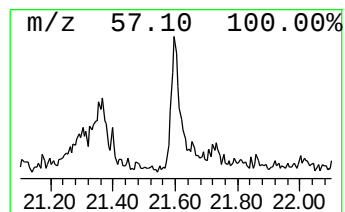
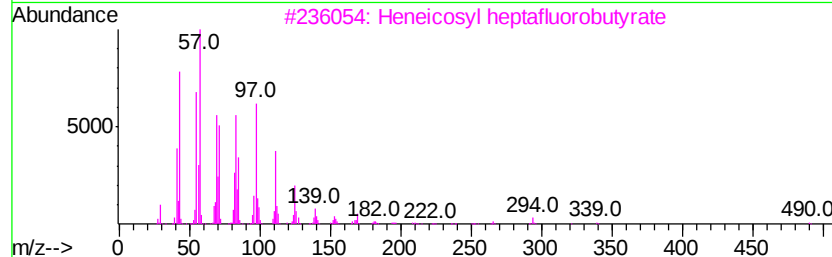
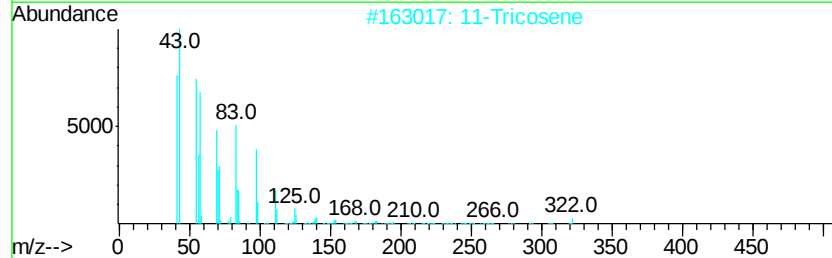
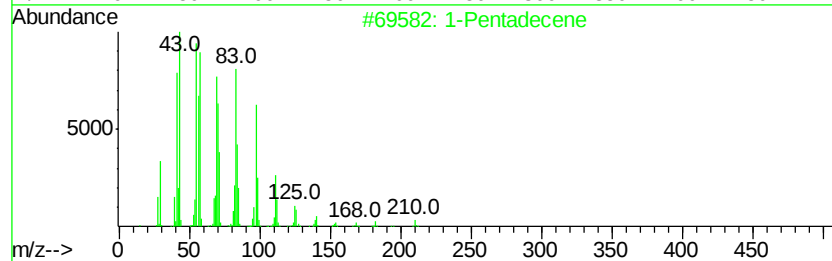
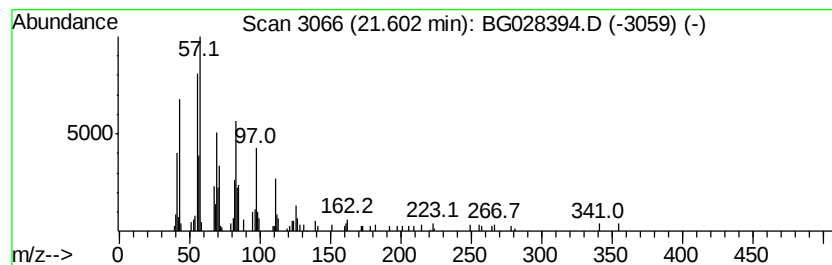
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Cyclic21.60 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.60	3.39 ng/ul	156945	Chrysene-d12	22.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Pentadecene	210	C15H30	013360-61-7	86
2		11-Tricosene	322	C23H46	052078-56-5	80
3		Heneicosyl heptafluorobutyrate	508	C25H43F7O2	1000351-83-8	38
4		Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	38
5		Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	38



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Data File : BG028394.D
Acq On : 21 Aug 2017 18:03
Operator : SJ/JU
Sample : I4713-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC1

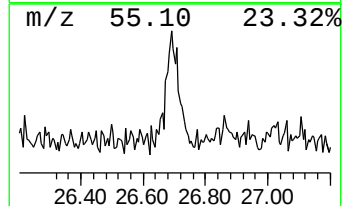
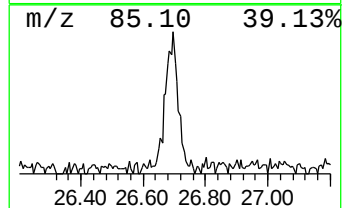
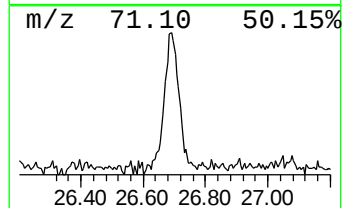
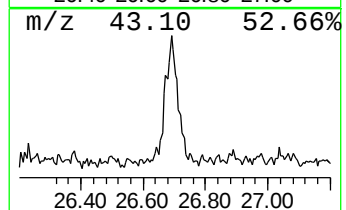
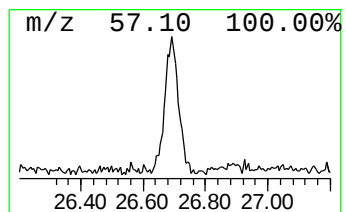
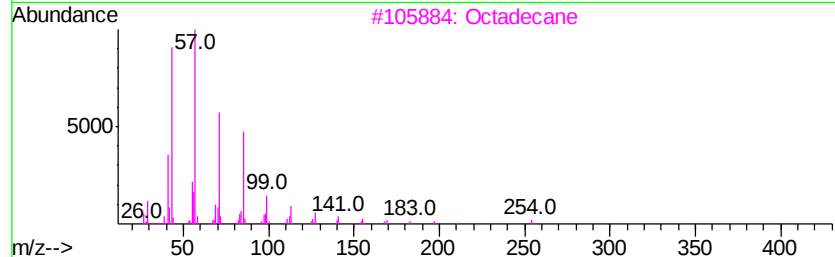
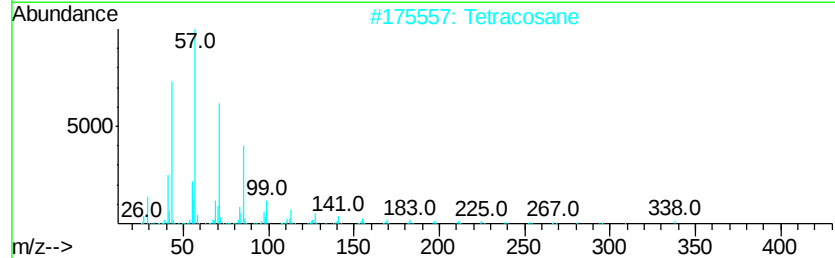
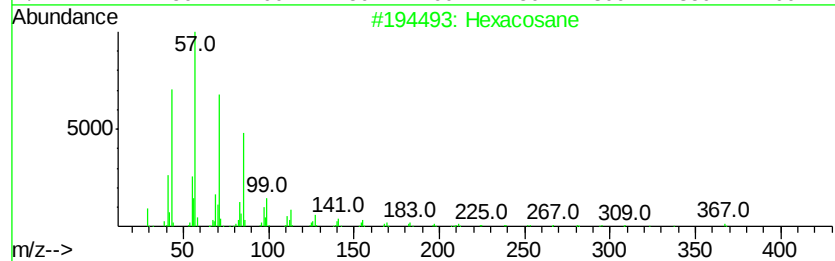
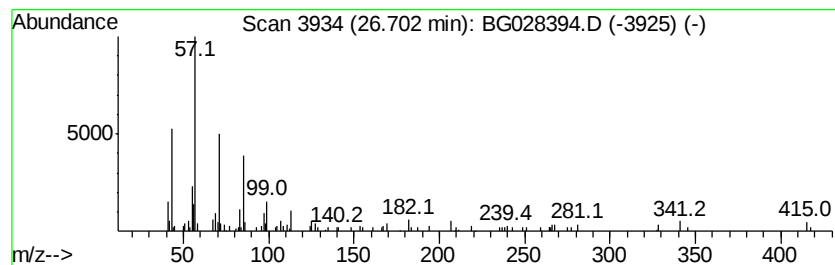
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	3.20 ng/ul	162198	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexacosane	366	C26H54	000630-01-3	80
2		Tetracosane	338	C24H50	000646-31-1	80
3		Octadecane	254	C18H38	000593-45-3	70
4		Tetracosane	338	C24H50	000646-31-1	64
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
Data File : BG028394.D
Acq On : 21 Aug 2017 18:03
Operator : SJ/JU
Sample : I4713-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC1

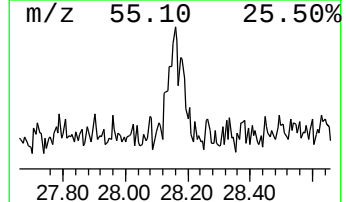
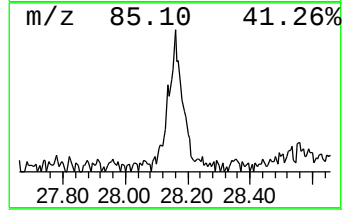
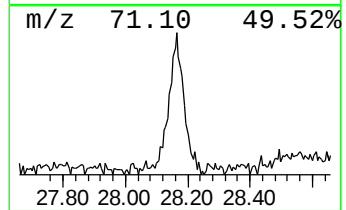
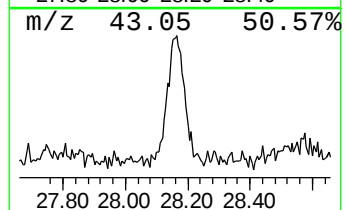
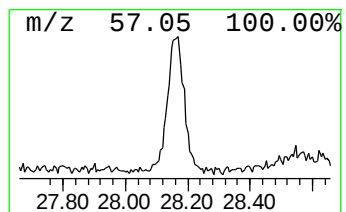
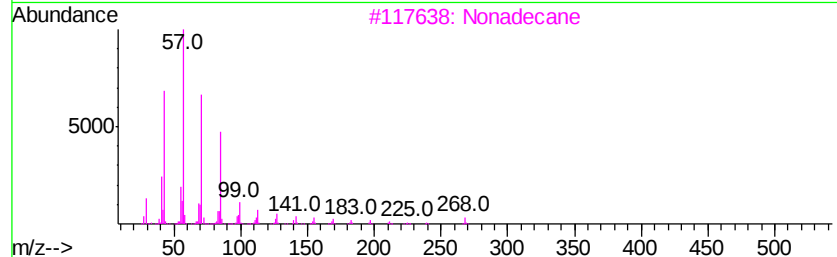
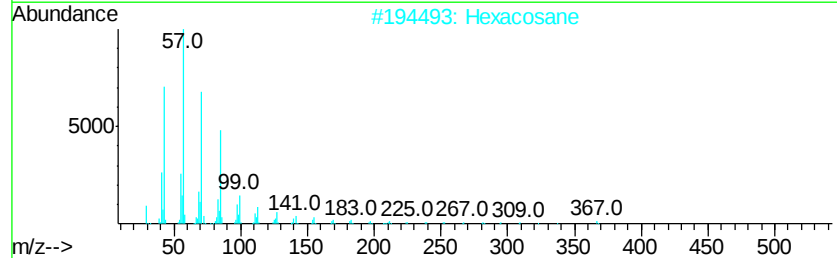
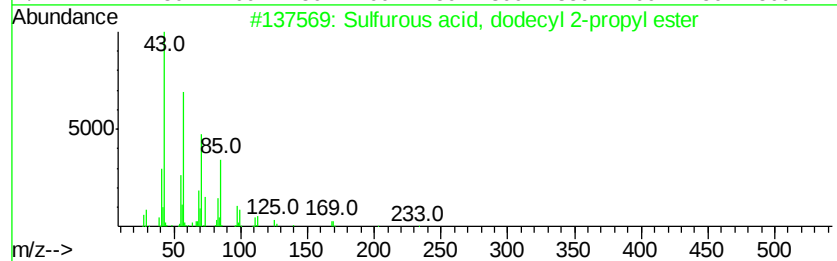
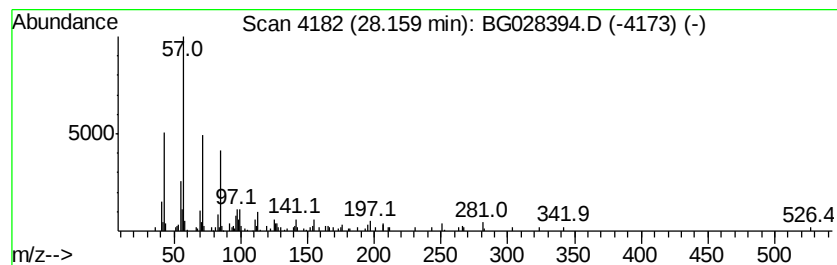
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Sulfurous acid, dodecyl 2-p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.16	3.30 ng/ul	166819	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	78
2		Hexacosane	366	C26H54	000630-01-3	72
3		Nonadecane	268	C19H40	000629-92-5	72
4		Heptadecane	240	C17H36	000629-78-7	64
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64



Data Path : U:\HPCHEM1\BNA G\DATA\BG082117\
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Sample : I4713-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC1

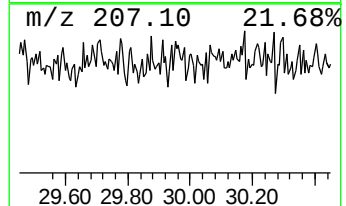
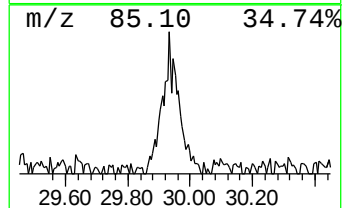
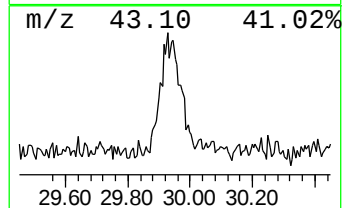
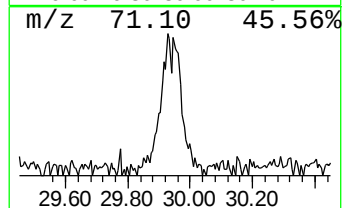
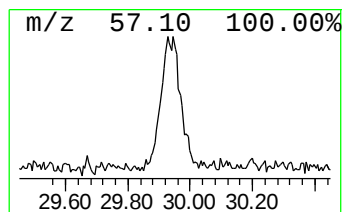
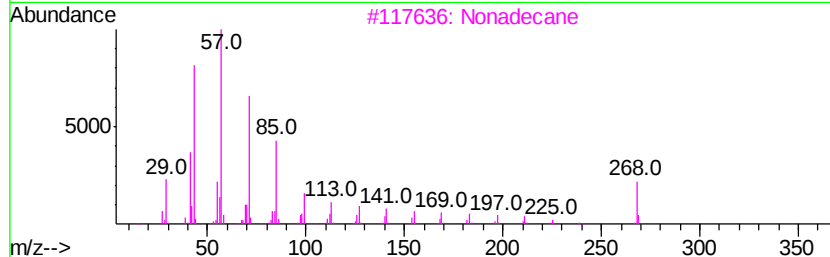
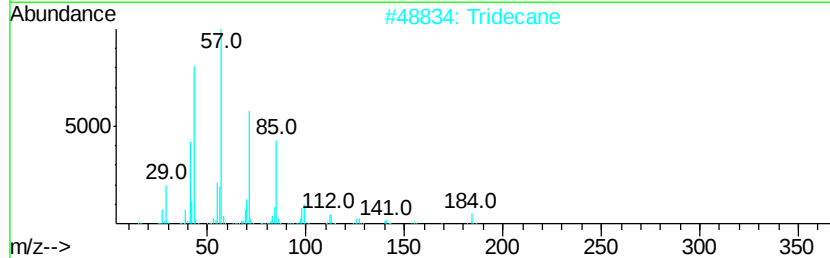
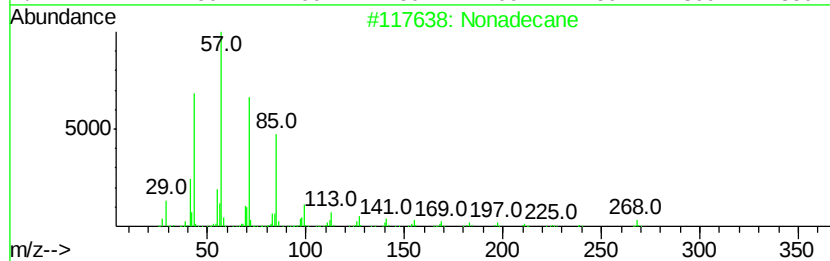
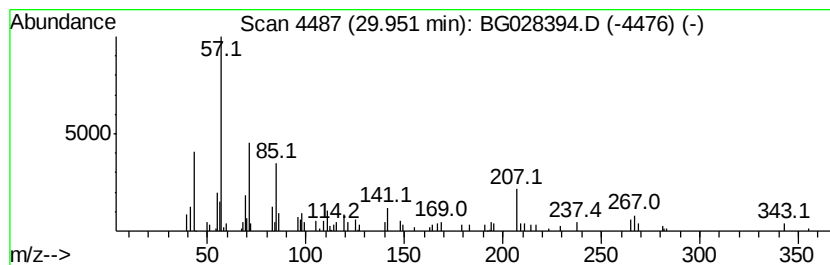
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.95	2.84 ng/ul	143970	Perylene-d12	25.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	89
2		Tridecane	184	C13H28	000629-50-5	62
3		Nonadecane	268	C19H40	000629-92-5	59
4		Tetradecane	198	C14H30	000629-59-4	53
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50



Data Path : U:\HPCHEM1\BNA_G\DATA\BG082117\
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Operator : SJ/JU
Sample : I4713-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
unknown-01	4.08	4.7	ng/ul	52553	1	8.34	223478	20.0
n-Hexadecanoic acid	18.55	8.2	ng/ul	336071	4	17.70	818205	20.0
Octadecanoic acid	19.80	6.5	ng/ul	266469	4	17.70	818205	20.0
(DEL) Alkane: Cyc...	21.60	3.4	ng/ul	156945	5	22.02	925374	20.0
(DEL) Alkane: Str...	26.70	3.2	ng/ul	162198	6	25.53	1012250	20.0
Sulfurous acid, d...	28.16	3.3	ng/ul	166819	6	25.53	1012250	20.0
(DEL) Alkane: Str...	29.95	2.8	ng/ul	143970	6	25.53	1012250	20.0