

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028437.D
 Acq On : 23 Aug 2017 3:57
 Operator : SJ/JU
 Sample : I4713-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB3

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	3.826	35	40	45	rBV4	9224	15148	0.97%	0.085%
2	4.090	80	85	91	rBV2	10936	22930	1.47%	0.129%
3	4.760	196	199	203	rVB5	5006	6755	0.43%	0.038%
4	5.318	285	294	296	rBV5	2389	6688	0.43%	0.038%
5	5.442	311	315	323	rBV4	7346	12563	0.80%	0.071%
6	6.041	414	417	424	rVB5	3287	4881	0.31%	0.027%
7	6.963	571	574	584	rVB8	4666	9967	0.64%	0.056%
8	7.322	629	635	639	rBV5	7755	14593	0.93%	0.082%
9	7.498	655	665	677	rBV	183222	374992	24.01%	2.110%
10	7.657	685	692	703	rBV	125913	211680	13.56%	1.191%
11	7.880	719	730	744	rBV	166918	315485	20.20%	1.775%
12	8.344	801	809	817	rVB	160309	291114	18.64%	1.638%
13	8.444	821	826	829	rVB3	2739	4245	0.27%	0.024%
14	8.579	844	849	853	rBV5	2203	4379	0.28%	0.025%
15	8.673	860	865	872	rBV6	3315	7298	0.47%	0.041%
16	9.043	919	928	938	rBV	216680	423272	27.10%	2.381%
17	9.513	997	1008	1018	rBV	174509	333935	21.38%	1.879%
18	9.601	1018	1023	1036	rVV3	13151	30057	1.92%	0.169%
19	9.731	1043	1045	1050	rVB5	2823	4390	0.28%	0.025%
20	10.236	1122	1131	1143	rVV	159661	302716	19.38%	1.703%
21	10.465	1164	1170	1178	rBV7	2668	7154	0.46%	0.040%
22	10.782	1214	1224	1237	rVB	243427	473840	30.34%	2.666%
23	10.918	1242	1247	1256	rBV7	5265	9860	0.63%	0.055%
24	11.088	1271	1276	1280	rVV5	4011	7073	0.45%	0.040%
25	11.164	1280	1289	1299	rVB	257722	473221	30.30%	2.663%
26	11.294	1303	1311	1323	rBV2	144378	289627	18.55%	1.630%
27	11.811	1394	1399	1404	rVB5	2017	3896	0.25%	0.022%
28	11.928	1410	1419	1421	rBV5	3143	7360	0.47%	0.041%
29	12.163	1457	1459	1468	rVB6	2471	5153	0.33%	0.029%
30	12.527	1514	1521	1526	rVB4	5808	11824	0.76%	0.067%
31	12.604	1530	1534	1536	rBV3	3283	4663	0.30%	0.026%
32	12.715	1547	1553	1561	rBV8	6231	12449	0.80%	0.070%
33	13.150	1619	1627	1628	rBV5	3812	6806	0.44%	0.038%
34	13.209	1633	1637	1641	rBV5	2566	5412	0.35%	0.030%

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35	13.309	1647	1654	1662	rVV7	8832	21270	1.36%	0.120%
36	13.544	1688	1694	1700	rVB6	9865	16850	1.08%	0.095%
37	13.603	1700	1704	1707	rBV5	3694	6174	0.40%	0.035%
38	13.691	1714	1719	1722	rBV4	2279	4566	0.29%	0.026%
39	13.744	1724	1728	1732	rVB4	7123	9549	0.61%	0.054%
40	13.826	1736	1742	1748	rVB7	9860	19378	1.24%	0.109%
41	13.885	1748	1752	1756	rBV6	2660	4353	0.28%	0.024%
42	13.985	1763	1769	1770	rBV4	2810	4097	0.26%	0.023%
43	14.343	1822	1830	1834	rBV	518170	762088	48.80%	4.288%
44	14.390	1834	1838	1845	rVV	233015	348386	22.31%	1.960%
45	14.443	1845	1847	1854	rVB6	3428	5916	0.38%	0.033%
46	14.648	1874	1882	1892	rVB	503150	821602	52.61%	4.623%
47	14.807	1904	1909	1916	rBV4	11422	16314	1.04%	0.092%
48	14.954	1924	1934	1943	rBV2	429367	719285	46.06%	4.047%
49	15.154	1961	1968	1981	rBV2	159043	336222	21.53%	1.892%
50	15.301	1990	1993	1997	rBV4	9889	15439	0.99%	0.087%
51	15.359	1997	2003	2007	rVB7	16479	32496	2.08%	0.183%
52	15.412	2009	2012	2020	rVB7	4783	9171	0.59%	0.052%
53	15.483	2022	2024	2029	rVB4	4105	5763	0.37%	0.032%
54	15.606	2042	2045	2049	rVB5	3494	4501	0.29%	0.025%
55	15.712	2055	2063	2066	rBV4	9991	18700	1.20%	0.105%
56	15.753	2066	2070	2077	rVB3	24585	33681	2.16%	0.190%
57	15.818	2077	2081	2085	rBV6	3932	7375	0.47%	0.041%
58	15.871	2085	2090	2093	rVB6	3132	5074	0.32%	0.029%
59	15.941	2093	2102	2114	rBV	707954	1110681	71.12%	6.249%
60	16.059	2116	2122	2132	rBV	228620	362599	23.22%	2.040%
61	16.158	2132	2139	2151	rVB7	13102	43015	2.75%	0.242%
62	16.258	2151	2156	2159	rBV8	4751	8531	0.55%	0.048%
63	16.311	2163	2165	2170	rVB5	4644	4130	0.26%	0.023%
64	16.370	2172	2175	2181	rBV7	5879	7086	0.45%	0.040%
65	16.429	2183	2185	2188	rBV4	3380	4732	0.30%	0.027%
66	16.617	2211	2217	2231	rVV	34420	75365	4.83%	0.424%
67	16.799	2247	2248	2255	rVB6	7058	9125	0.58%	0.051%
68	16.969	2270	2277	2278	rBV5	5206	8323	0.53%	0.047%
69	17.022	2282	2286	2288	rVB3	6949	6976	0.45%	0.039%
70	17.057	2289	2292	2298	rVB8	7701	14125	0.90%	0.079%
71	17.116	2301	2302	2310	rBV7	5522	10592	0.68%	0.060%

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72	17.193	2310	2315	2318	rVB6	3933	6665	0.43%	0.037%
73	17.234	2318	2322	2325	rBV6	4650	6252	0.40%	0.035%
74	17.410	2347	2352	2356	rBV	25678	32922	2.11%	0.185%
75	17.463	2357	2361	2367	rVB7	8224	13005	0.83%	0.073%
76	17.557	2373	2377	2384	rVB8	10095	19922	1.28%	0.112%
77	17.616	2384	2387	2392	rBV6	7786	10565	0.68%	0.059%
78	17.704	2394	2402	2412	rBV	547564	895370	57.34%	5.038%
79	17.804	2412	2419	2429	rVB2	712978	1149349	73.60%	6.467%
80	17.880	2429	2432	2435	rBV4	4926	5275	0.34%	0.030%
81	17.945	2441	2443	2452	rVB8	10278	18471	1.18%	0.104%
82	18.033	2455	2458	2462	rBV5	5114	8627	0.55%	0.049%
83	18.144	2473	2477	2482	rVB3	19062	27427	1.76%	0.154%
84	18.291	2500	2502	2505	rBV4	7188	7833	0.50%	0.044%
85	18.432	2522	2526	2532	rBV5	18093	35924	2.30%	0.202%
86	18.497	2532	2537	2542	rBV	333508	479046	30.68%	2.695%
87	18.550	2542	2546	2555	rVB	312150	482748	30.91%	2.716%
88	18.832	2590	2594	2599	rBV4	19428	33258	2.13%	0.187%
89	18.926	2605	2610	2615	rBV7	21899	46652	2.99%	0.262%
90	19.067	2631	2634	2638	rVB6	6900	10967	0.70%	0.062%
91	19.108	2638	2641	2645	rBV6	8134	14308	0.92%	0.081%
92	19.449	2696	2699	2702	rBV4	18169	24313	1.56%	0.137%
93	19.690	2733	2740	2743	rBV6	60194	129323	8.28%	0.728%
94	19.807	2755	2760	2770	rBV2	167879	253275	16.22%	1.425%
95	20.077	2800	2806	2818	rVB	997738	1561606	100.00%	8.786%
96	21.599	3061	3065	3074	rVB7	56676	101676	6.51%	0.572%
97	22.034	3131	3139	3146	rBV	540268	1060452	67.91%	5.966%
98	25.301	3685	3695	3716	rVB2	467659	1503448	96.28%	8.459%
99	25.542	3728	3736	3753	rVB2	307767	969788	62.10%	5.456%
100	26.705	3928	3934	3947	rVB2	88951	256052	16.40%	1.441%

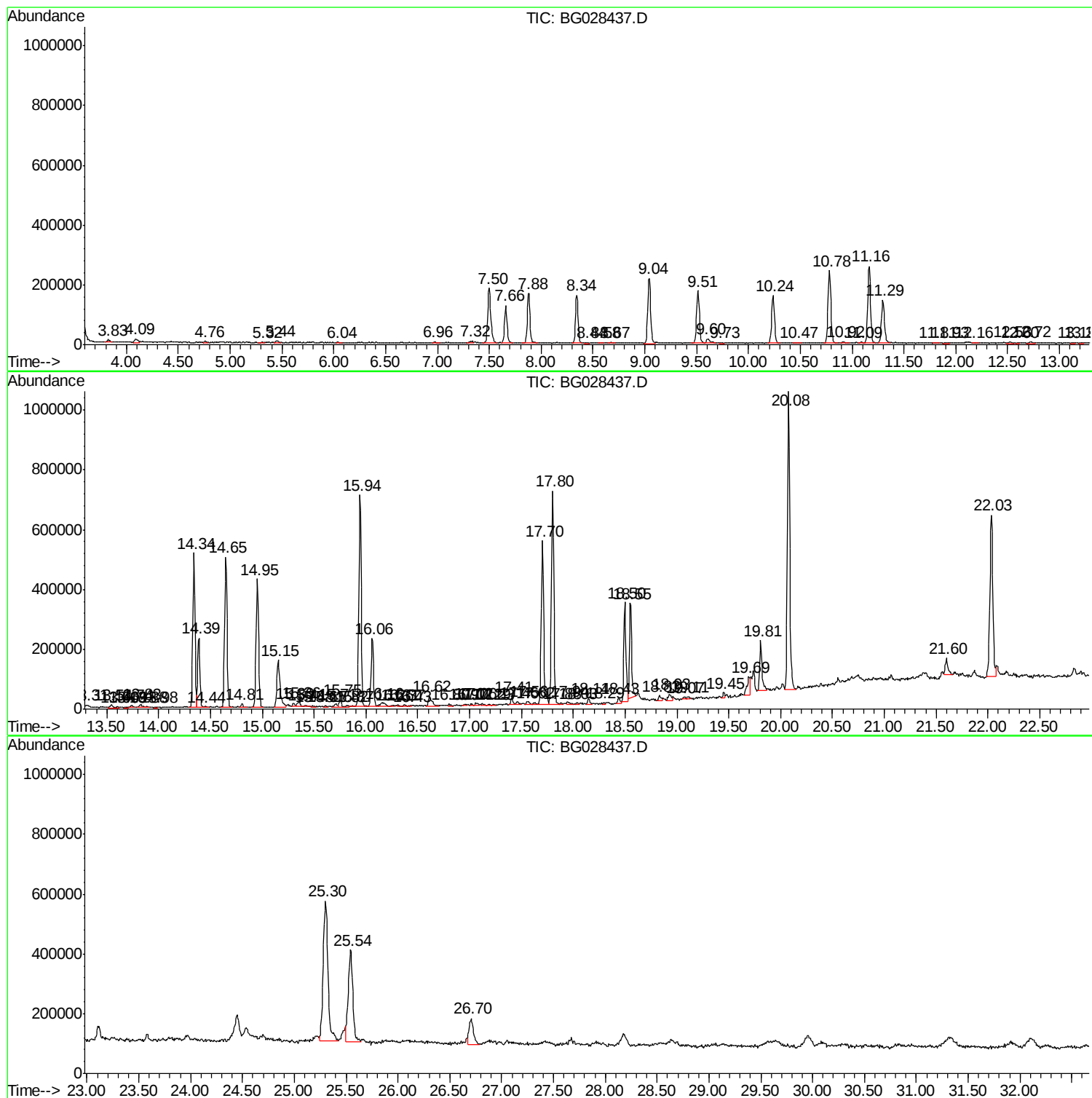
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



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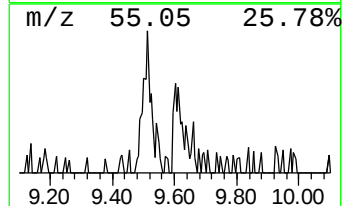
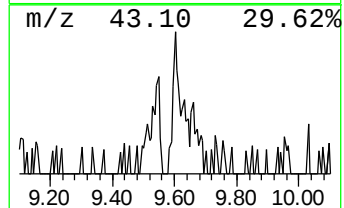
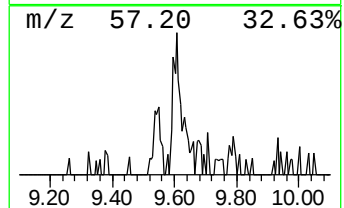
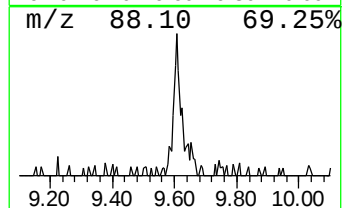
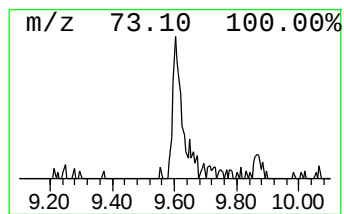
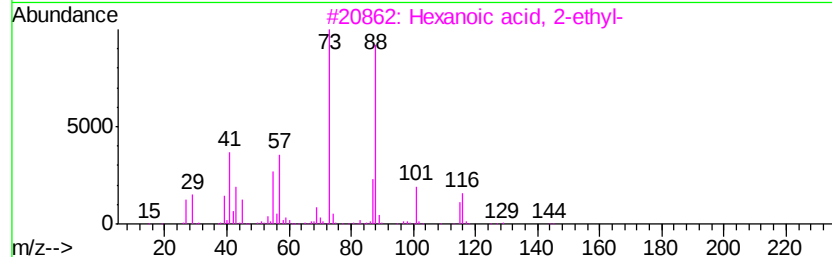
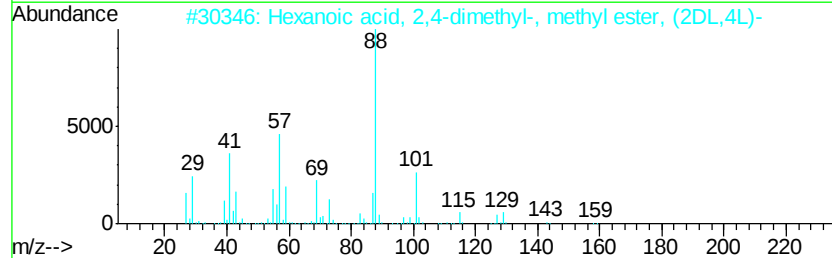
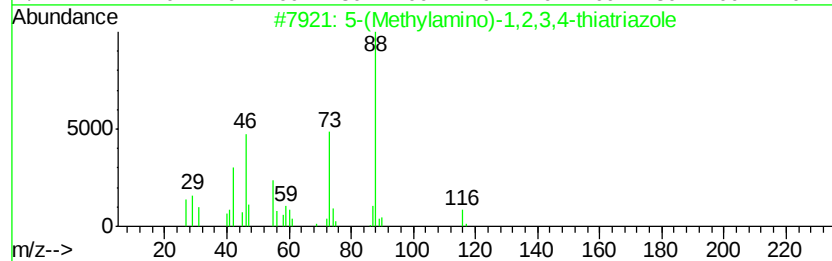
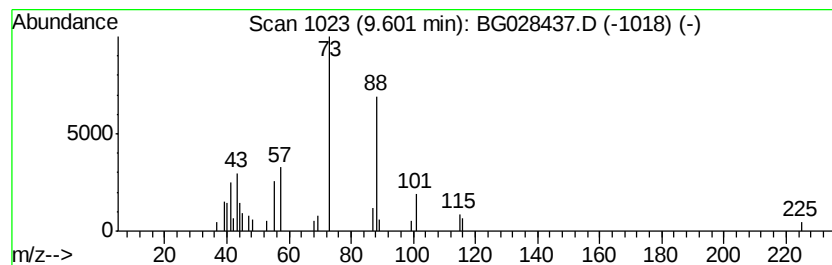
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 5-(Methylamino)-1,2,3,4-thi... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	2.06 ng/ul	30057	1,4-Dichlorobenzene-d4	8.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(Methylamino)-1,2,3,4-thiatr...	116	C2H4N4S	052098-72-3	53		
2	Hexanoic acid, 2,4-dimethyl-, me...	158	C9H18O2	014251-44-6	50		
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42		
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	40		
5	Decanoic acid, ethyl ester	200	C12H24O2	000110-38-3	38		



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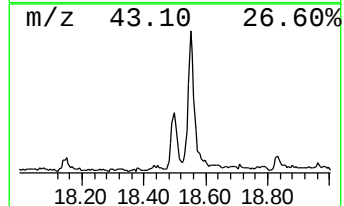
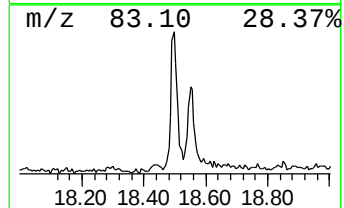
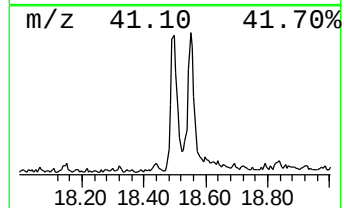
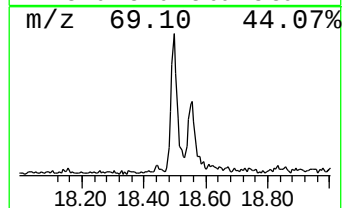
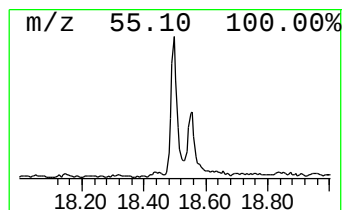
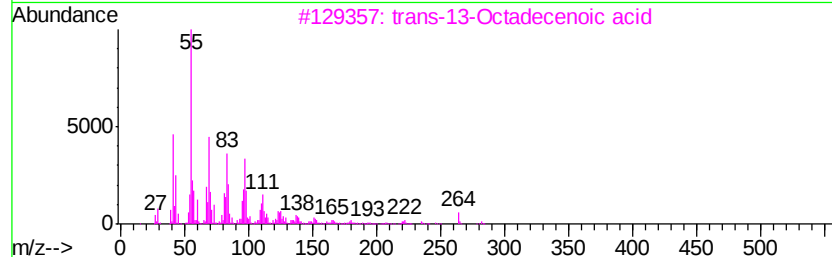
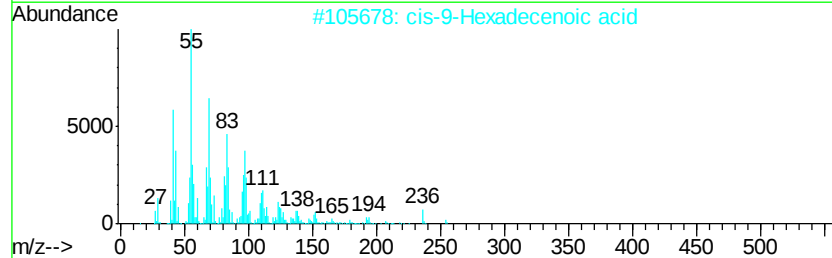
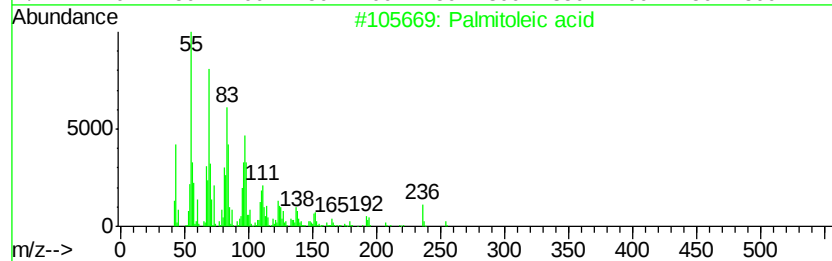
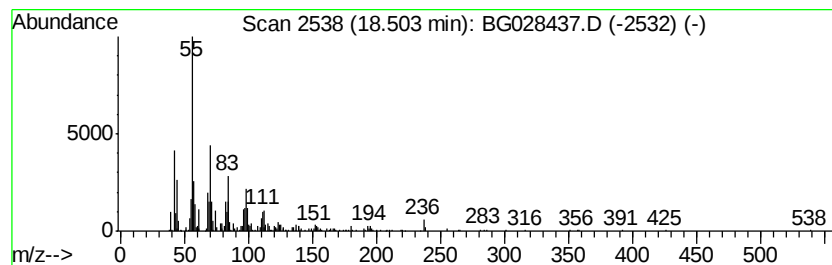
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Palmitoleic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	10.70 ng/ul	479046	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Palmitoleic acid	254	C16H30O2	000373-49-9	96
2		cis-9-Hexadecenoic acid	254	C16H30O2	1000333-19-5	96
3		trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	90
4		Erucic acid	338	C22H42O2	000112-86-7	90
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	87



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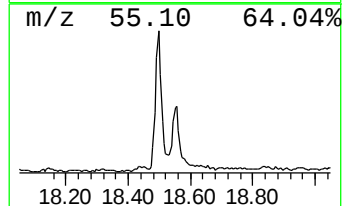
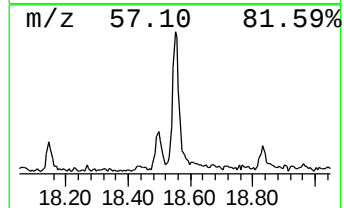
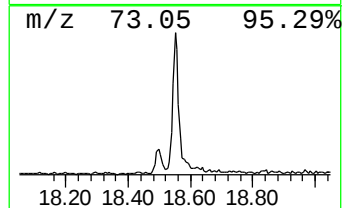
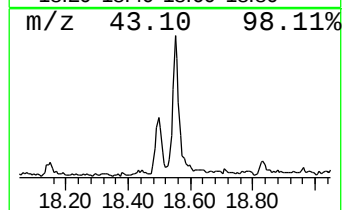
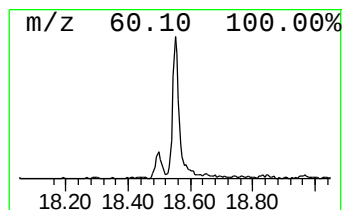
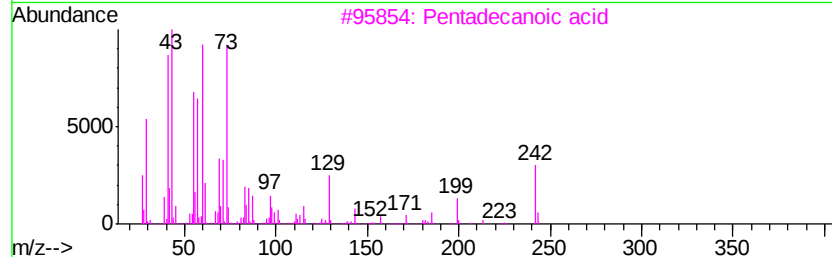
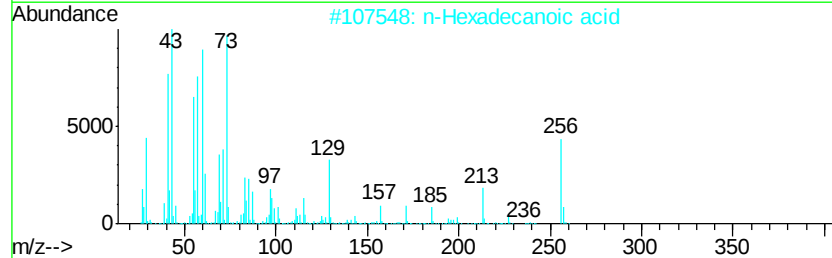
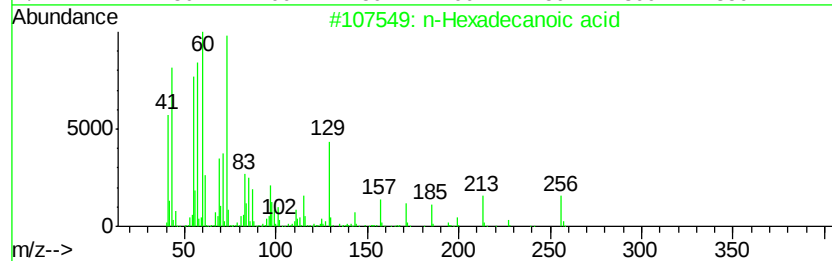
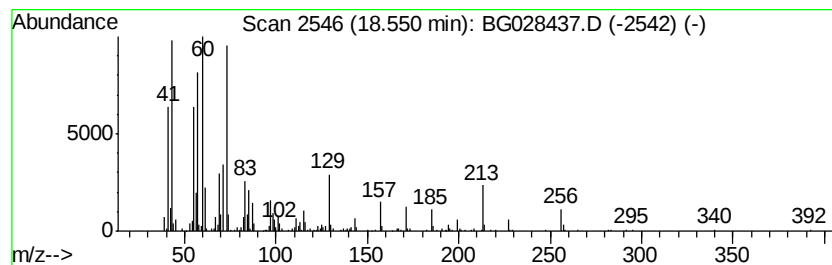
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	10.78 ng/ul	482748	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	64
5		Tridecanoic acid	214	C13H26O2	000638-53-9	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028437.D
Acq On : 23 Aug 2017 3:57
Operator : SJ/JU
Sample : I4713-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB3

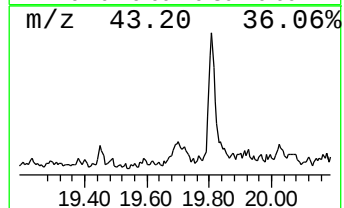
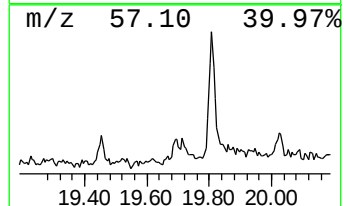
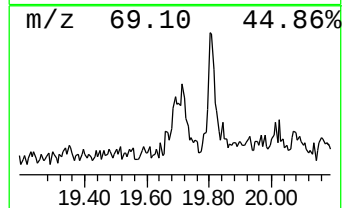
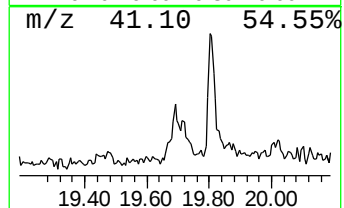
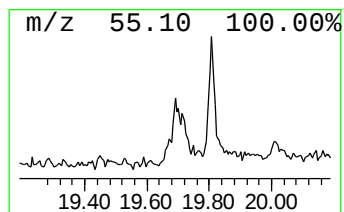
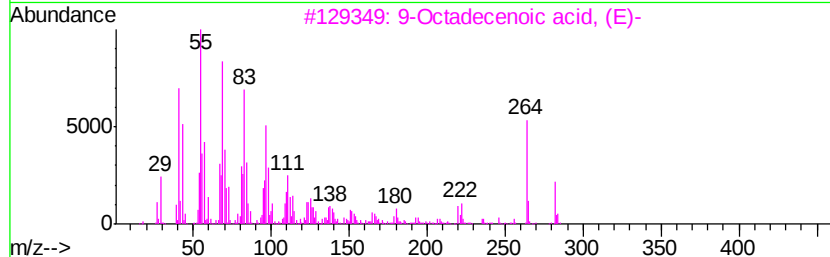
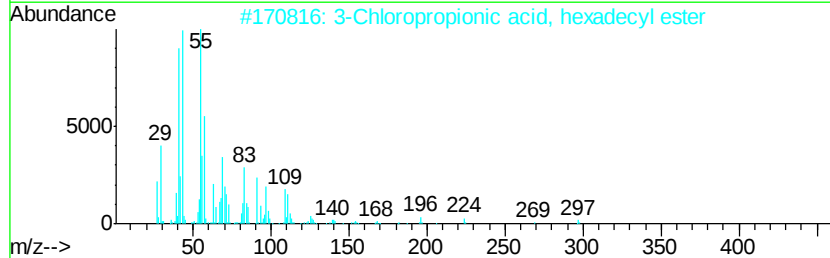
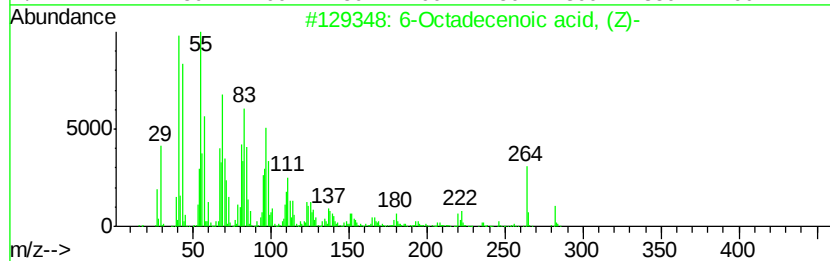
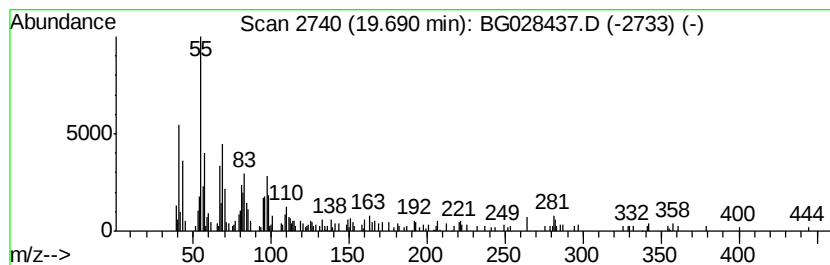
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.89 ng/ul	129323	Phenanthrene-d10	17.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6-Octadecenoic acid, (Z)-	282	C18H34O2	000593-39-5	27
2		3-Chloropropionic acid, hexadecy...	332	C19H37ClO2	053312-70-2	27
3		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	25
4		9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	25
5		Oxiraneundecanoic acid, 3-pentyl...	312	C19H36O3	038520-30-8	22



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
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Operator : SJ/JU
Sample : I4713-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB3

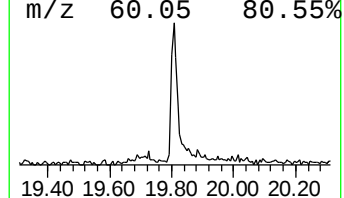
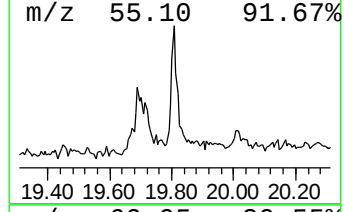
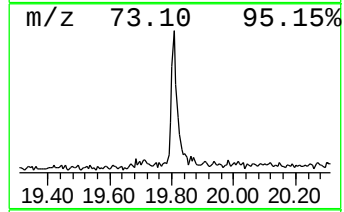
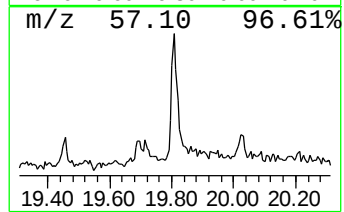
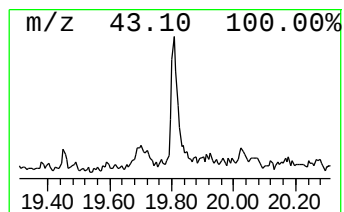
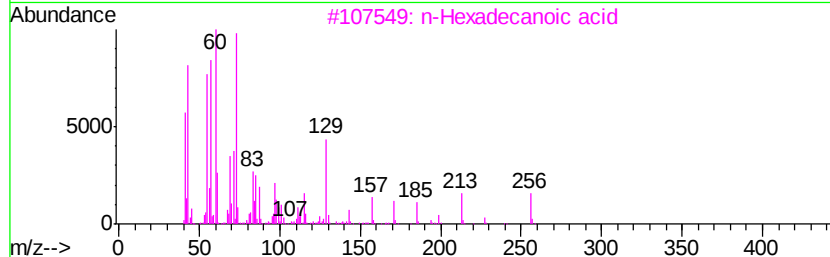
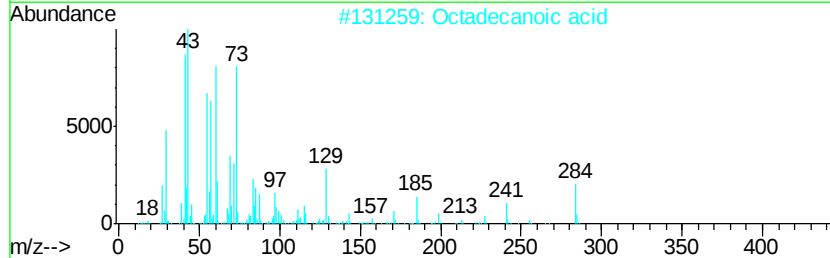
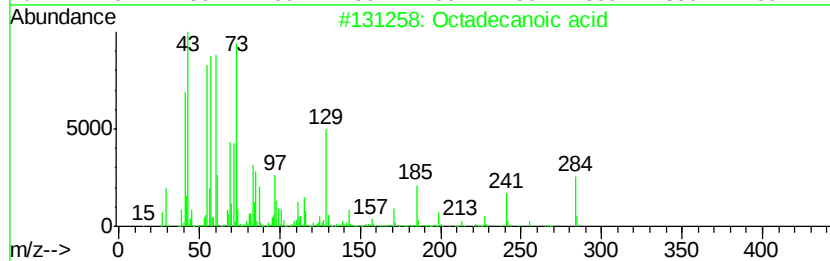
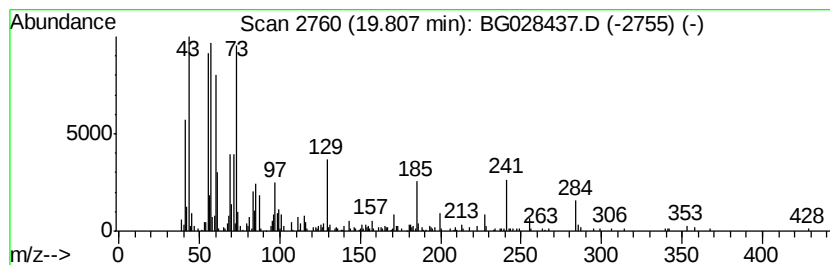
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	5.66 ng/ul	253275	Phenanthrene-d10	17.70

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68	



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Sample : I4713-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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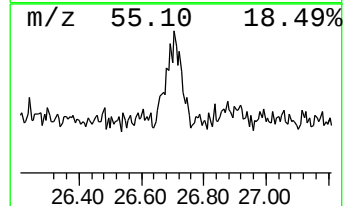
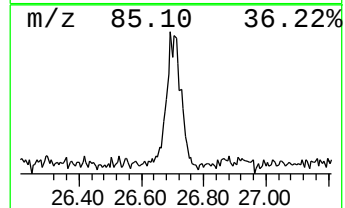
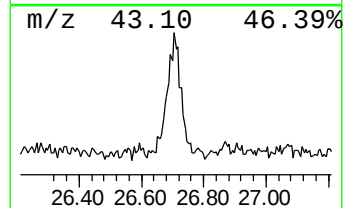
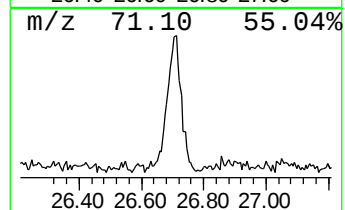
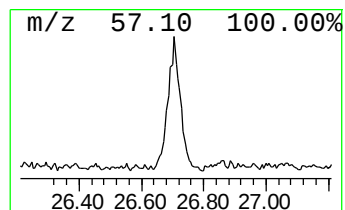
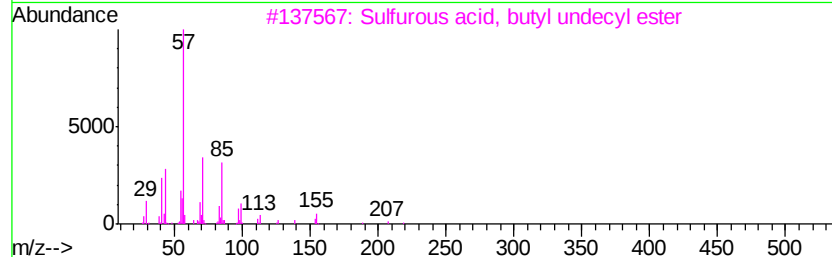
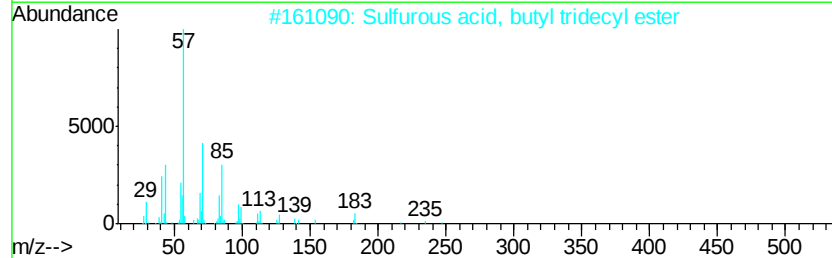
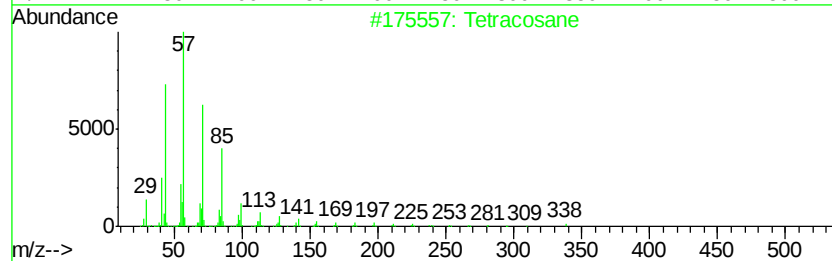
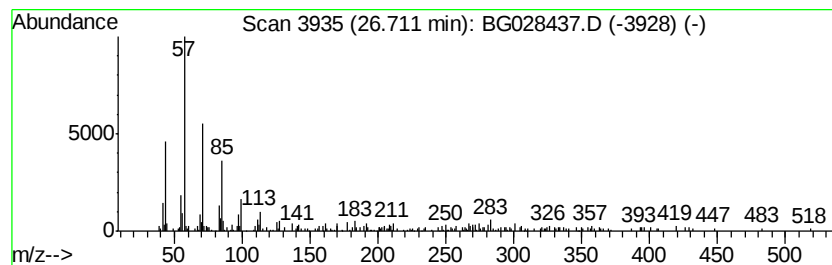
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.71	5.28 ng/ul	256052	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	72
2		Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
3		Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
4		Hexadecane	226	C16H34	000544-76-3	64
5		Methoxyacetic acid, 4-hexadecyl ...	314	C19H38O3	1000282-99-0	64



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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB3

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
5-(Methylamino)-1...	9.60	2.1	ng/ul	30057	1	8.34	291114	20.0
Palmitoleic acid	18.50	10.7	ng/ul	479046	4	17.70	895370	20.0
n-Hexadecanoic acid	18.55	10.8	ng/ul	482748	4	17.70	895370	20.0
unknown-01	19.69	2.9	ng/ul	129323	4	17.70	895370	20.0
Octadecanoic acid	19.81	5.7	ng/ul	253275	4	17.70	895370	20.0
(DEL) Alkane: Str...	26.71	5.3	ng/ul	256052	6	25.54	969788	20.0