

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024250.D
 Acq On : 10 Oct 2016 22:23
 Operator : UM/SJ
 Sample : H5098-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNG3

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\SOM02.2-EPA-BG0100716.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	4.044	203	205	208	rVB4	13020	9415	0.25%	0.019%
2	4.074	208	210	213	rBV4	11963	13931	0.37%	0.028%
3	4.620	301	303	305	rBV3	13027	9331	0.25%	0.018%
4	4.679	311	313	316	rVB4	11147	10311	0.27%	0.020%
5	4.779	327	330	334	rBV5	13304	19511	0.52%	0.039%
6	5.149	391	393	397	rBV4	9909	11403	0.30%	0.023%
7	5.272	412	414	417	rBV4	7725	9463	0.25%	0.019%
8	5.684	480	484	487	rBV6	9184	11519	0.31%	0.023%
9	5.778	496	500	503	rVB6	9418	9871	0.26%	0.019%
10	6.330	591	594	597	rVV5	10962	15923	0.42%	0.031%
11	6.436	609	612	614	rBV4	8705	9675	0.26%	0.019%
12	6.477	618	619	623	rVB4	8925	9318	0.25%	0.018%
13	6.918	692	694	697	rVB4	13002	12515	0.33%	0.025%
14	6.941	697	698	701	rBV4	10412	9903	0.26%	0.020%
15	7.076	720	721	725	rBV3	11814	10555	0.28%	0.021%
16	7.211	738	744	748	rBV7	10890	26467	0.70%	0.052%
17	7.341	765	766	768	rBV2	11815	10081	0.27%	0.020%
18	7.423	773	780	790	rVV	574354	1081023	28.67%	2.135%
19	7.605	805	811	818	rVV2	410177	689688	18.29%	1.362%
20	7.817	841	847	854	rVV	559319	990510	26.27%	1.956%
21	7.916	862	864	870	rBV7	5504	10583	0.28%	0.021%
22	8.010	878	880	884	rVB5	8456	9973	0.26%	0.020%
23	8.292	921	928	941	rBV	663316	1208879	32.06%	2.387%
24	8.422	949	950	955	rBV5	6578	9300	0.25%	0.018%
25	8.633	985	986	990	rVB3	11195	13551	0.36%	0.027%
26	8.674	990	993	996	rBV5	17196	21645	0.57%	0.043%
27	8.804	1010	1015	1016	rBV5	13639	18582	0.49%	0.037%
28	8.815	1016	1017	1021	rVV4	12800	11491	0.30%	0.023%
29	8.862	1023	1025	1030	rVB5	6148	9555	0.25%	0.019%
30	8.980	1036	1045	1055	rBV2	722186	1311367	34.78%	2.589%
31	9.303	1099	1100	1106	rBV6	7685	9622	0.26%	0.019%
32	9.468	1118	1128	1135	rBV	580658	1083208	28.73%	2.139%
33	9.808	1184	1186	1187	rBV2	13735	12559	0.33%	0.025%
34	9.861	1193	1195	1198	rVB3	13334	11804	0.31%	0.023%

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35	9.990	1212	1217	1219	rVV4	10524	16399	0.43%	0.032%
36	10.049	1222	1227	1229	rVV5	9773	14215	0.38%	0.028%
37	10.190	1245	1251	1259	rBV	484136	888760	23.57%	1.755%
38	10.384	1280	1284	1286	rBV4	11347	9551	0.25%	0.019%
39	10.725	1335	1342	1350	rVB	753693	1343526	35.63%	2.653%
40	10.936	1377	1378	1380	rBV2	13189	9468	0.25%	0.019%
41	11.048	1395	1397	1400	rBV3	9257	9690	0.26%	0.019%
42	11.124	1400	1410	1418	rBV	967148	1774775	47.07%	3.504%
43	11.248	1423	1431	1440	rBV	466307	906462	24.04%	1.790%
44	11.724	1510	1512	1515	rVB4	13426	10576	0.28%	0.021%
45	11.859	1530	1535	1539	rVB7	6931	13299	0.35%	0.026%
46	12.070	1567	1571	1574	rVB5	6877	10433	0.28%	0.021%
47	12.323	1611	1614	1617	rBV5	9526	11735	0.31%	0.023%
48	12.587	1656	1659	1661	rBV3	6922	9546	0.25%	0.019%
49	12.687	1672	1676	1678	rBV4	21020	27455	0.73%	0.054%
50	12.887	1708	1710	1716	rVB6	8522	15884	0.42%	0.031%
51	13.069	1738	1741	1744	rVB5	10797	13351	0.35%	0.026%
52	13.263	1771	1774	1777	rBV4	12556	16020	0.42%	0.032%
53	13.510	1812	1816	1818	rBV5	24103	25367	0.67%	0.050%
54	13.780	1857	1862	1866	rVV3	46366	76153	2.02%	0.150%
55	13.921	1885	1886	1890	rVB4	9897	10449	0.28%	0.021%
56	14.103	1912	1917	1922	rVB3	64247	92597	2.46%	0.183%
57	14.303	1943	1951	1955	rBV	1411738	2164891	57.42%	4.275%
58	14.350	1955	1959	1967	rVB	1044318	1509712	40.04%	2.981%
59	14.609	1996	2003	2010	rVB	1530104	2446990	64.90%	4.832%
60	14.773	2026	2031	2035	rVB6	18584	26340	0.70%	0.052%
61	14.908	2047	2054	2062	rVV	1727323	2706545	71.79%	5.344%
62	15.067	2074	2081	2092	rBV	722152	1163069	30.85%	2.297%
63	15.143	2092	2094	2097	rBV4	10711	11946	0.32%	0.024%
64	15.267	2111	2115	2116	rBV3	8169	11810	0.31%	0.023%
65	15.343	2127	2128	2132	rBV4	8314	10375	0.28%	0.020%
66	15.455	2143	2147	2148	rBV4	13640	15835	0.42%	0.031%
67	15.508	2154	2156	2160	rVB4	8202	11348	0.30%	0.022%
68	15.672	2180	2184	2187	rBV6	16849	29032	0.77%	0.057%
69	15.713	2187	2191	2197	rVB2	66347	96638	2.56%	0.191%
70	15.760	2197	2199	2200	rBV	12888	9564	0.25%	0.019%
71	15.825	2208	2210	2215	rBV6	12637	15158	0.40%	0.030%

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72	15.895	2215	2222	2230	rVV	2159139	3290045	87.26%	6.496%
73	15.995	2233	2239	2247	rVB	630002	972474	25.79%	1.920%
74	16.095	2254	2256	2258	rBV3	10932	13257	0.35%	0.026%
75	16.130	2260	2262	2266	rVB4	42089	51986	1.38%	0.103%
76	16.330	2294	2296	2298	rBV3	11151	9770	0.26%	0.019%
77	16.406	2308	2309	2315	rVB5	11224	13464	0.36%	0.027%
78	16.571	2332	2337	2347	rBV3	73967	144493	3.83%	0.285%
79	16.765	2366	2370	2373	rVV4	33505	44026	1.17%	0.087%
80	16.906	2393	2394	2399	rBV5	8292	9566	0.25%	0.019%
81	17.082	2421	2424	2426	rBV3	13519	14306	0.38%	0.028%
82	17.300	2457	2461	2464	rVB6	12801	12226	0.32%	0.024%
83	17.364	2468	2472	2477	rVV2	77407	102718	2.72%	0.203%
84	17.423	2477	2482	2491	rVB2	28290	77670	2.06%	0.153%
85	17.576	2506	2508	2511	rBV4	10915	14194	0.38%	0.028%
86	17.652	2514	2521	2530	rVV2	2124988	3401825	90.23%	6.717%
87	17.746	2530	2537	2546	rVB2	2139074	3528993	93.60%	6.968%
88	17.899	2561	2563	2568	rBV6	15846	21701	0.58%	0.043%
89	18.104	2594	2598	2603	rBV3	53455	70088	1.86%	0.138%
90	18.198	2613	2614	2620	rBV6	11044	13014	0.35%	0.026%
91	18.381	2641	2645	2646	rBV4	14431	14292	0.38%	0.028%
92	18.498	2660	2665	2673	rBV3	283551	417761	11.08%	0.825%
93	18.786	2711	2714	2717	rBV4	20079	23248	0.62%	0.046%
94	19.755	2875	2879	2885	rBV2	187634	247274	6.56%	0.488%
95	20.020	2918	2924	2931	rVB	2469973	3770308	100.00%	7.445%
96	21.536	3179	3182	3192	rVB4	286876	455528	12.08%	0.899%
97	21.947	3246	3252	3260	rBV	2041407	3588219	95.17%	7.085%
98	23.498	3510	3516	3523	rBV2	477380	1004377	26.64%	1.983%
99	25.161	3791	3799	3810	rVB2	1170059	3400883	90.20%	6.715%
100	25.402	3832	3840	3853	rVB2	1188009	3668966	97.31%	7.245%

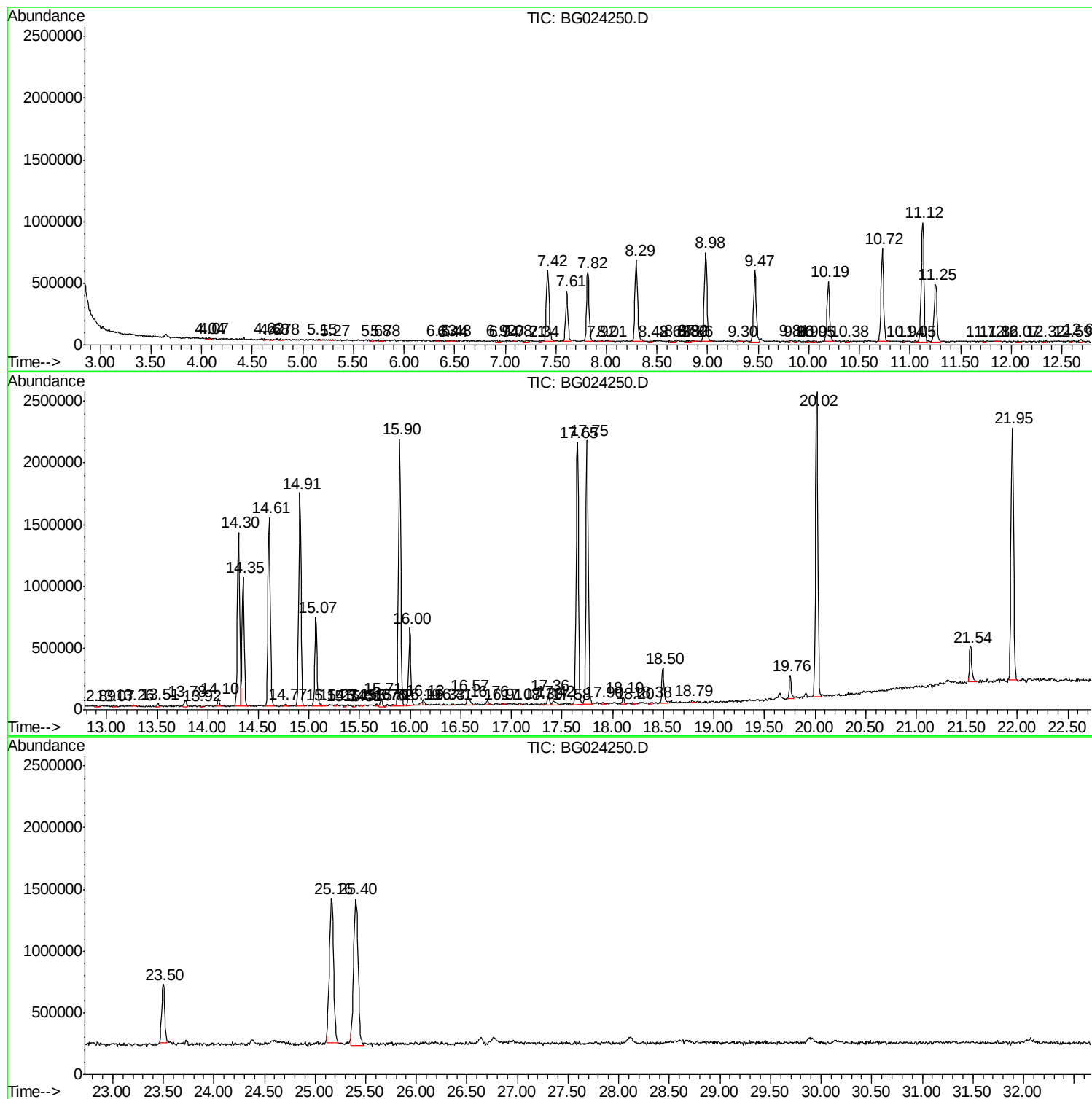
Sum of corrected areas: 50644168

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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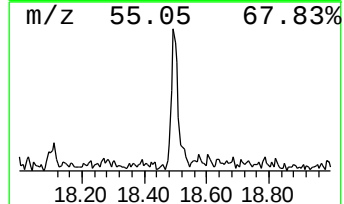
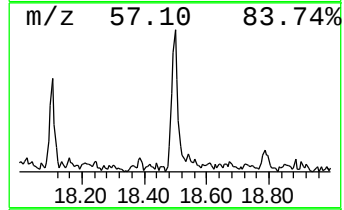
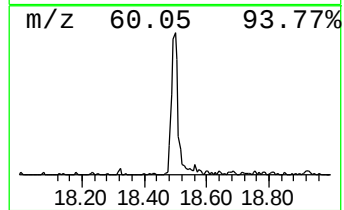
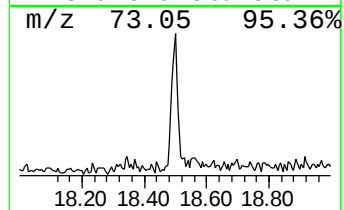
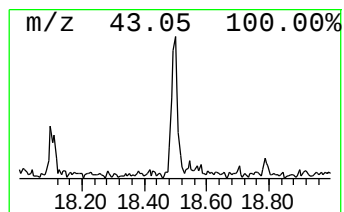
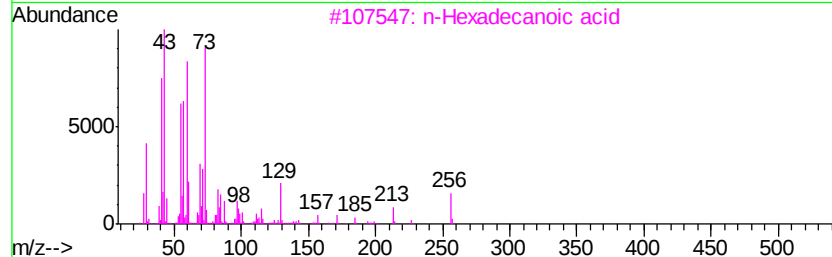
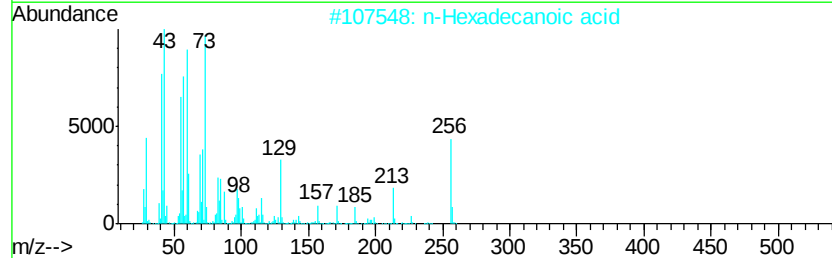
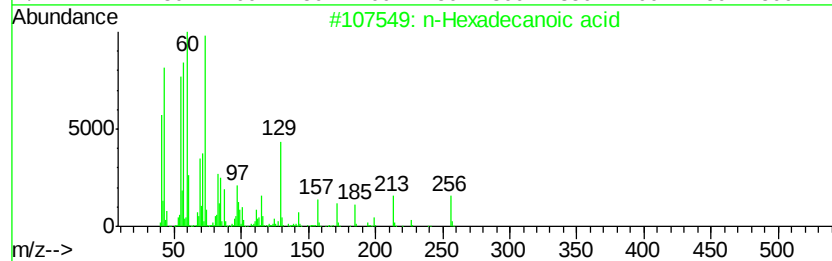
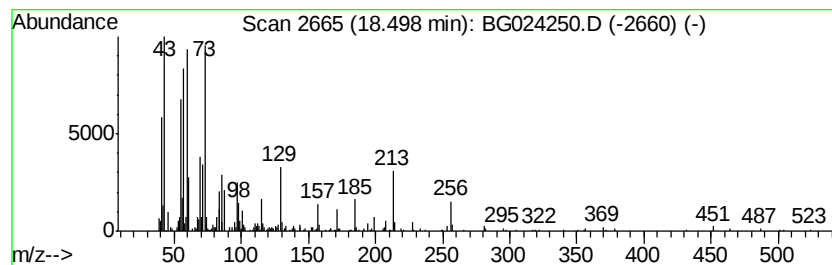
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.50	2.46 ng/ul	417761	Phenanthrene-d10	17.65

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	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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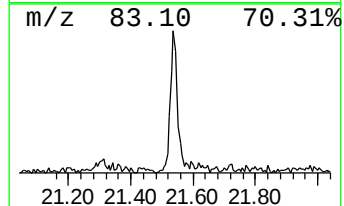
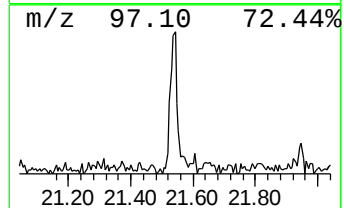
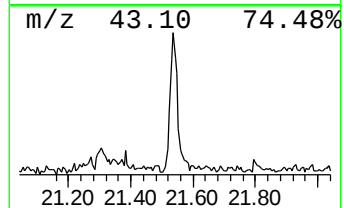
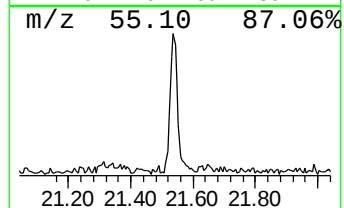
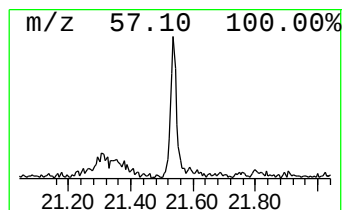
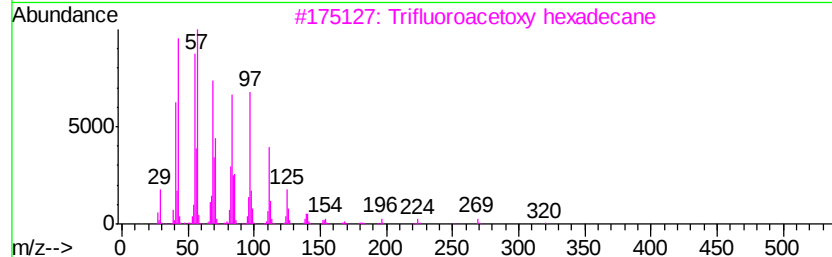
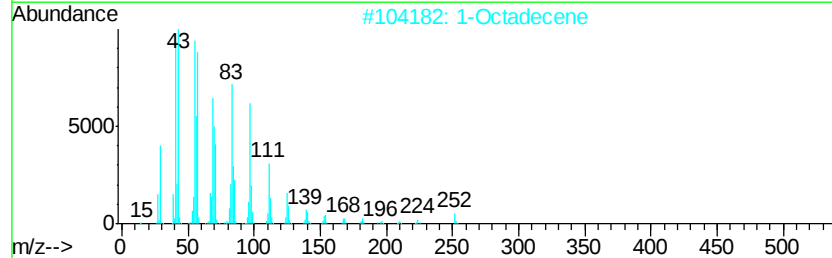
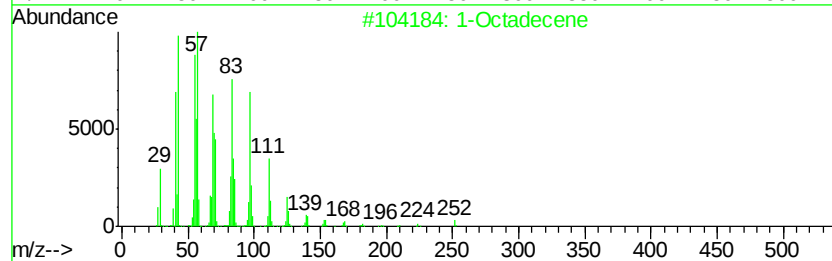
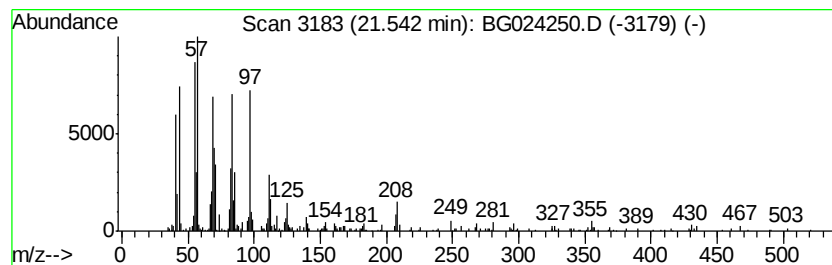
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Cyclic21.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.54 ng/ul	455528	Chrysene-d12	21.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Octadecene		252 C18H36	000112-88-9 95
2	1-Octadecene		252 C18H36	000112-88-9 86
3	Trifluoroacetoxv hexadecane		338 C18H33F3O2	006222-03-3 70
4	9-Nonadecene		266 C19H38	031035-07-1 70
5	10-Heneicosene (c,t)		294 C21H42	095008-11-0 62



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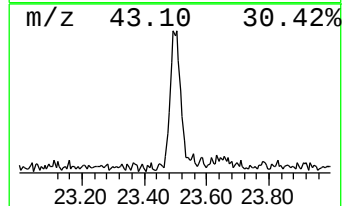
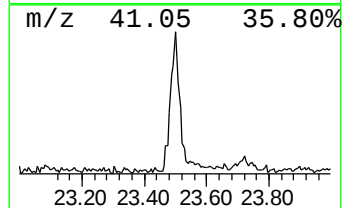
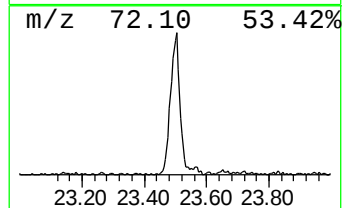
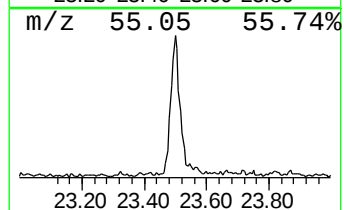
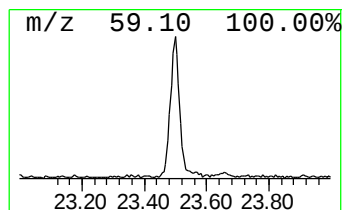
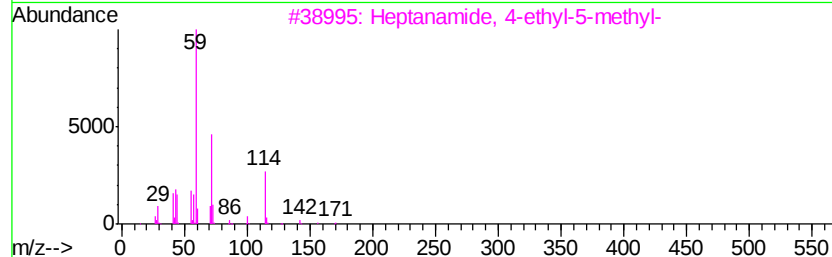
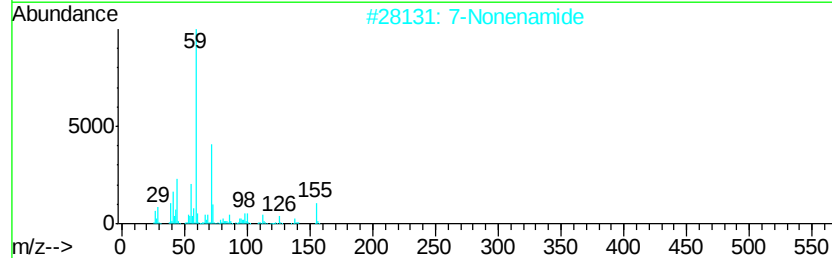
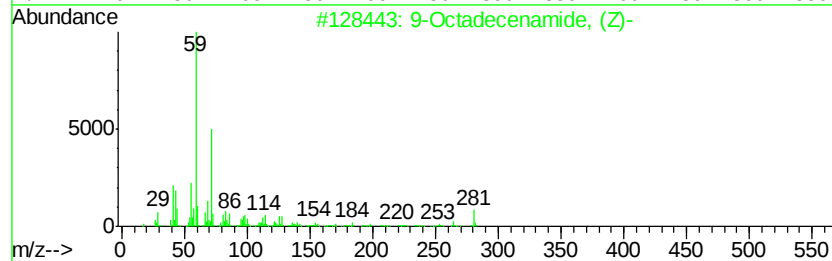
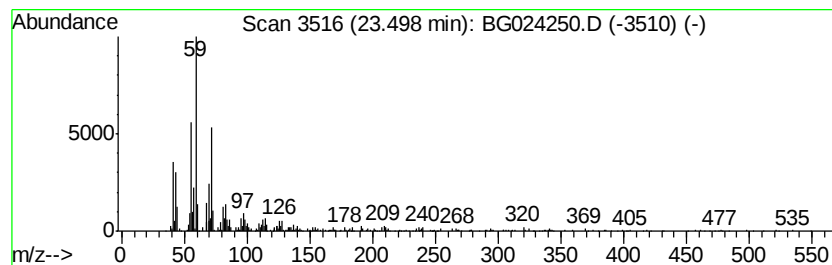
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TIC Integration Parameters: LSCINT.P

Peak Number 3 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.50	5.60 ng/ul	1004380	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	86
2		7-Nonenamide	155	C9H17NO	090949-53-4	83
3		Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	80
4		Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	72
5		Hexadecanamide	255	C16H33NO	000629-54-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101016\
Data File : BG024250.D
Acq On : 10 Oct 2016 22:23
Operator : UM/SJ
Sample : H5098-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNG3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.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
n-Hexadecanoic acid	18.50	2.5	ng/ul	417761	4	17.65	3401830	20.0
(DEL) Alkane: Cyc...	21.54	2.5	ng/ul	455528	5	21.95	3588220	20.0
9-Octadecenamide,...	23.50	5.6	ng/ul	1004380	5	21.95	3588220	20.0