

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024260.D
 Acq On : 11 Oct 2016 5:25
 Operator : UM/SJ
 Sample : H5098-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNF4

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	3.652	134	138	143	rBV3	31557	42042	0.86%	0.078%
2	3.934	184	186	187	rBV2	17265	12659	0.26%	0.023%
3	4.081	209	211	213	rVB3	13390	9928	0.20%	0.018%
4	4.915	351	353	356	rBV4	13154	13783	0.28%	0.025%
5	5.091	381	383	386	rBV3	14536	10603	0.22%	0.020%
6	5.303	417	419	424	rBV5	11864	17808	0.37%	0.033%
7	5.761	493	497	498	rBV4	7557	9916	0.20%	0.018%
8	6.272	581	584	587	rBV4	6276	10074	0.21%	0.019%
9	6.478	617	619	622	rVB4	10852	9310	0.19%	0.017%
10	7.013	708	710	714	rVB4	6549	9396	0.19%	0.017%
11	7.048	714	716	718	rBV3	9969	8892	0.18%	0.016%
12	7.077	718	721	724	rVV4	11004	11099	0.23%	0.020%
13	7.171	736	737	740	rVB3	9632	8663	0.18%	0.016%
14	7.212	740	744	745	rBV4	10967	16164	0.33%	0.030%
15	7.418	771	779	788	rBV	602392	1103432	22.69%	2.038%
16	7.606	805	811	820	rBV	400089	694384	14.28%	1.282%
17	7.694	824	826	830	rVB5	7233	8999	0.19%	0.017%
18	7.812	840	846	854	rBV	556649	980516	20.16%	1.811%
19	7.911	858	863	864	rBV5	6323	9207	0.19%	0.017%
20	8.293	920	928	938	rBV	523612	946408	19.46%	1.748%
21	8.910	1031	1033	1038	rBV6	6649	11238	0.23%	0.021%
22	8.981	1038	1045	1053	rVV	700027	1260267	25.92%	2.327%
23	9.322	1098	1103	1108	rBV7	8794	20879	0.43%	0.039%
24	9.468	1121	1128	1134	rBV	577908	1062590	21.85%	1.962%
25	9.827	1186	1189	1192	rBV5	8326	8970	0.18%	0.017%
26	10.109	1234	1237	1240	rVB6	6837	8945	0.18%	0.017%
27	10.191	1240	1251	1258	rBV2	484443	921483	18.95%	1.702%
28	10.397	1283	1286	1287	rBV3	13250	10636	0.22%	0.020%
29	10.467	1292	1298	1299	rBV6	10888	20282	0.42%	0.037%
30	10.602	1320	1321	1325	rBV2	11015	11445	0.24%	0.021%
31	10.726	1333	1342	1349	rBV	755422	1364722	28.06%	2.520%
32	10.873	1362	1367	1369	rBV4	10828	12288	0.25%	0.023%
33	10.949	1375	1380	1382	rVB5	9536	14640	0.30%	0.027%
34	10.978	1382	1385	1387	rVV4	6938	10707	0.22%	0.020%

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35	11.002	1387	1389	1392	rVB3	8446	8575	0.18%	0.016%
36	11.119	1403	1409	1418	rBV	711553	1326313	27.27%	2.449%
37	11.249	1423	1431	1439	rBV	601009	1164376	23.94%	2.150%
38	12.136	1581	1582	1585	rVB3	9625	8628	0.18%	0.016%
39	12.253	1600	1602	1604	rBV2	7180	8564	0.18%	0.016%
40	12.430	1629	1632	1636	rVB5	8991	12137	0.25%	0.022%
41	12.488	1640	1642	1646	rVV4	7019	8707	0.18%	0.016%
42	12.571	1652	1656	1658	rBV4	9583	12995	0.27%	0.024%
43	12.682	1669	1675	1680	rVB8	22121	51496	1.06%	0.095%
44	13.264	1771	1774	1778	rBV5	11320	19585	0.40%	0.036%
45	13.364	1788	1791	1794	rVB4	7882	10484	0.22%	0.019%
46	13.517	1811	1817	1821	rVV7	17554	28652	0.59%	0.053%
47	13.564	1821	1825	1826	rVV3	11916	9158	0.19%	0.017%
48	13.593	1826	1830	1834	rVB6	11047	17431	0.36%	0.032%
49	13.775	1855	1861	1868	rVB9	31081	58833	1.21%	0.109%
50	13.869	1875	1877	1880	rBV4	6700	8778	0.18%	0.016%
51	14.304	1943	1951	1955	rBV	1642559	2621942	53.92%	4.842%
52	14.351	1955	1959	1967	rVB	1419847	2058892	42.34%	3.802%
53	14.427	1967	1972	1974	rBV6	6144	12791	0.26%	0.024%
54	14.474	1977	1980	1983	rBV4	7560	11070	0.23%	0.020%
55	14.515	1983	1987	1992	rBV8	9992	17233	0.35%	0.032%
56	14.604	1995	2002	2012	rVV	1612219	2689795	55.31%	4.967%
57	14.680	2012	2015	2017	rVB3	8740	9604	0.20%	0.018%
58	14.698	2017	2018	2022	rBV5	7537	8880	0.18%	0.016%
59	14.768	2026	2030	2033	rVV5	20049	25400	0.52%	0.047%
60	14.821	2036	2039	2041	rBV4	7947	9964	0.20%	0.018%
61	14.909	2047	2054	2061	rBV	1373787	2193132	45.10%	4.050%
62	15.068	2075	2081	2089	rBV2	976695	1563067	32.14%	2.886%
63	15.273	2110	2116	2118	rBV5	20209	33812	0.70%	0.062%
64	15.309	2120	2122	2124	rVB3	13786	10881	0.22%	0.020%
65	15.373	2130	2133	2138	rBV7	9710	17034	0.35%	0.031%
66	15.450	2144	2146	2150	rVB4	15207	14077	0.29%	0.026%
67	15.538	2159	2161	2165	rVB3	9986	9267	0.19%	0.017%
68	15.602	2171	2172	2179	rVB7	13404	24777	0.51%	0.046%
69	15.667	2179	2183	2186	rBV4	21311	34740	0.71%	0.064%
70	15.708	2186	2190	2194	rVV2	76161	104006	2.14%	0.192%
71	15.767	2198	2200	2205	rBV5	11630	22735	0.47%	0.042%

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72	15.896	2214	2222	2228	rVB	2283265	3704404	76.18%	6.841%
73	15.996	2231	2239	2247	rBV	957480	1472697	30.28%	2.720%
74	16.102	2254	2257	2258	rBV3	14184	14580	0.30%	0.027%
75	16.125	2258	2261	2264	rVB5	32672	46292	0.95%	0.085%
76	16.208	2273	2275	2279	rVB5	13229	11303	0.23%	0.021%
77	16.266	2282	2285	2287	rBV5	13248	17318	0.36%	0.032%
78	16.513	2325	2327	2329	rBV3	12687	12369	0.25%	0.023%
79	16.572	2333	2337	2345	rVV	119465	195000	4.01%	0.360%
80	16.666	2350	2353	2356	rBV5	12775	17728	0.36%	0.033%
81	16.836	2378	2382	2386	rVB7	16927	23866	0.49%	0.044%
82	16.883	2388	2390	2392	rBV3	9772	8549	0.18%	0.016%
83	16.907	2392	2394	2398	rBV5	18380	21858	0.45%	0.040%
84	17.236	2447	2450	2451	rBV3	16931	18877	0.39%	0.035%
85	17.371	2467	2473	2478	rBV	461807	673091	13.84%	1.243%
86	17.647	2513	2520	2527	rBV2	1857821	2956570	60.80%	5.460%
87	17.747	2530	2537	2548	rVB	2711018	4301435	88.45%	7.943%
88	17.900	2560	2563	2566	rBV5	18872	26136	0.54%	0.048%
89	17.988	2573	2578	2582	rVV8	38220	60806	1.25%	0.112%
90	18.099	2594	2597	2602	rBV6	25774	41666	0.86%	0.077%
91	18.376	2639	2644	2649	rBV8	28346	48402	1.00%	0.089%
92	18.493	2659	2664	2672	rBV	547930	776663	15.97%	1.434%
93	18.810	2716	2718	2719	rBV2	14195	8797	0.18%	0.016%
94	19.151	2774	2776	2779	rBV3	19084	16585	0.34%	0.031%
95	19.750	2874	2878	2884	rBV2	248406	335167	6.89%	0.619%
96	20.015	2917	2923	2930	rBV	3229263	4862989	100.00%	8.980%
97	21.537	3178	3182	3189	rVB5	281591	417798	8.59%	0.772%
98	21.948	3246	3252	3259	rVB	1920545	3365136	69.20%	6.214%
99	25.162	3790	3799	3811	rVB2	1521523	4497397	92.48%	8.305%
100	25.397	3832	3839	3852	rVB2	1114430	3278896	67.43%	6.055%

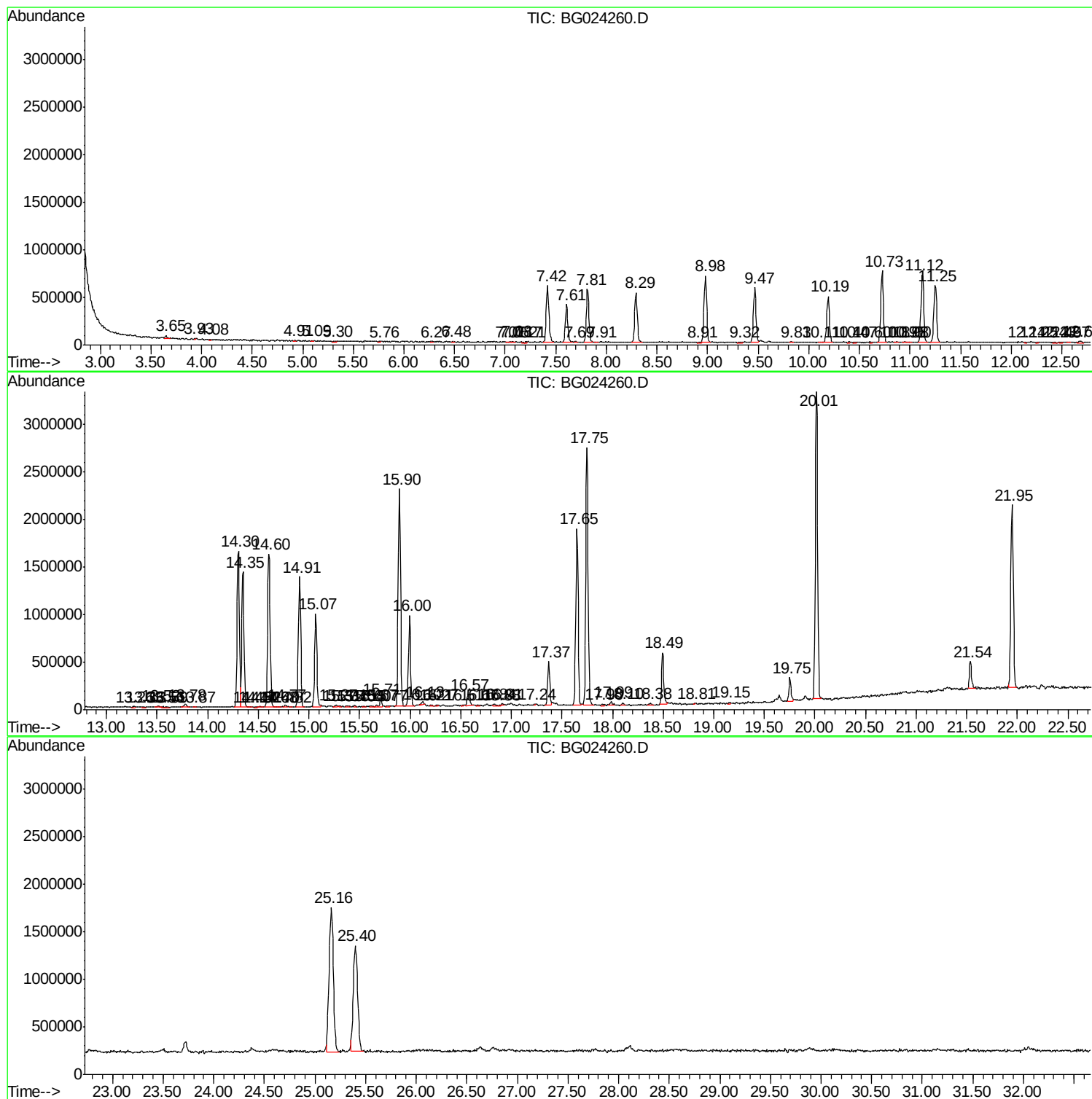
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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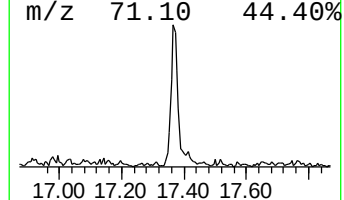
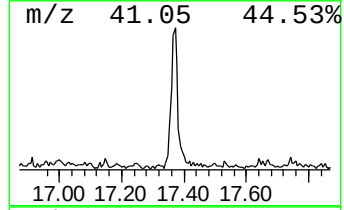
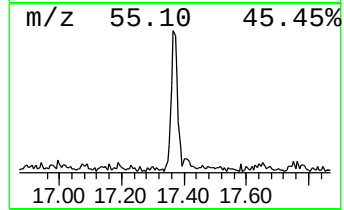
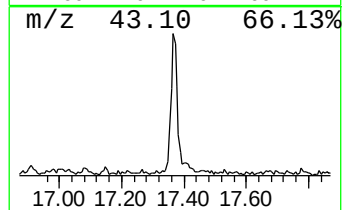
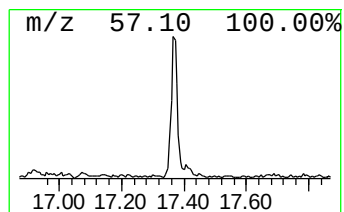
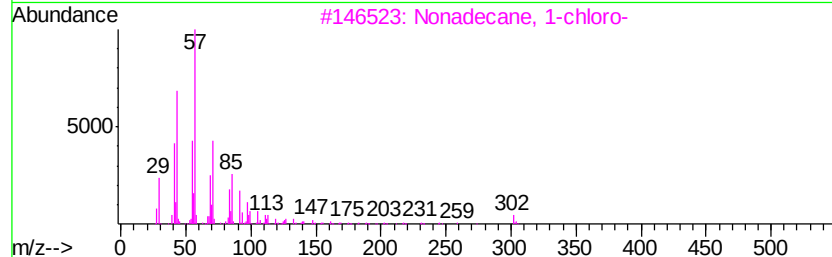
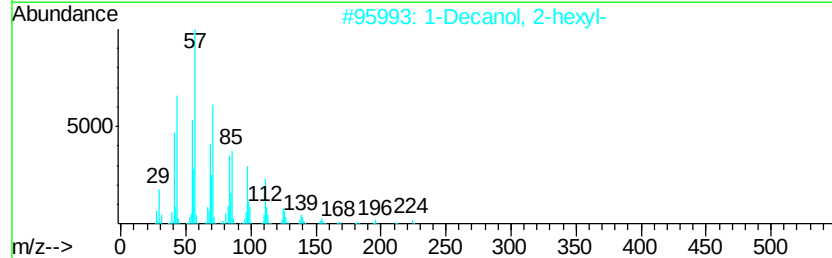
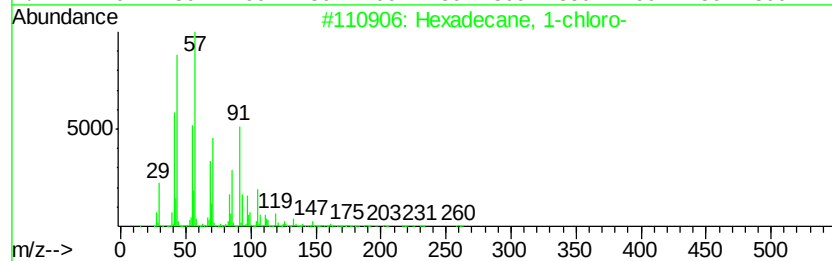
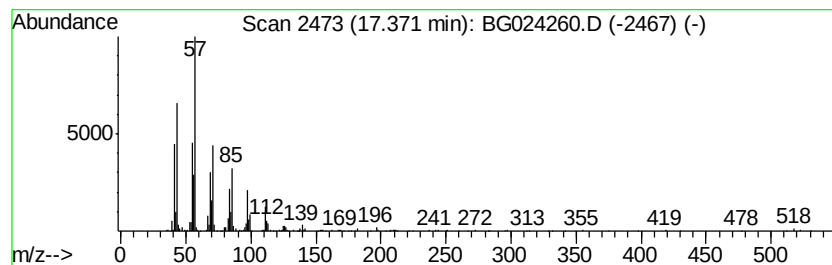
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Hexadecane, 1-chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.37	4.55 ng/ul	673091	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	86
2		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	80
3		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	72
4		Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	64
5		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58



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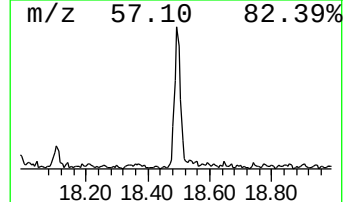
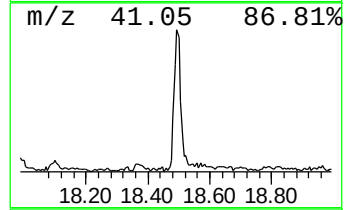
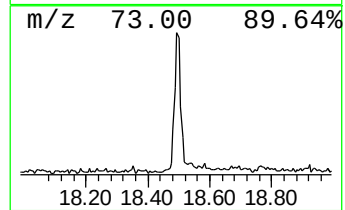
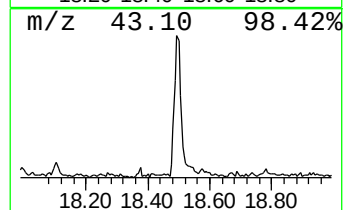
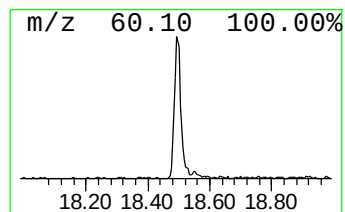
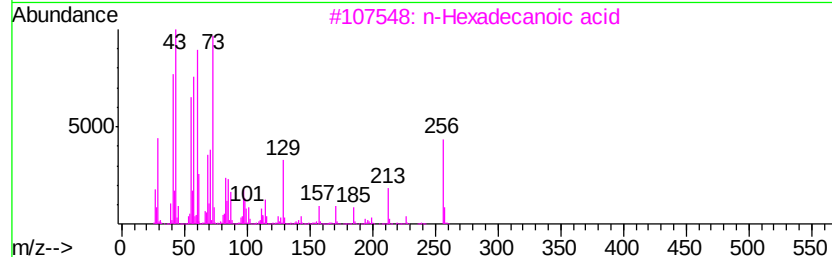
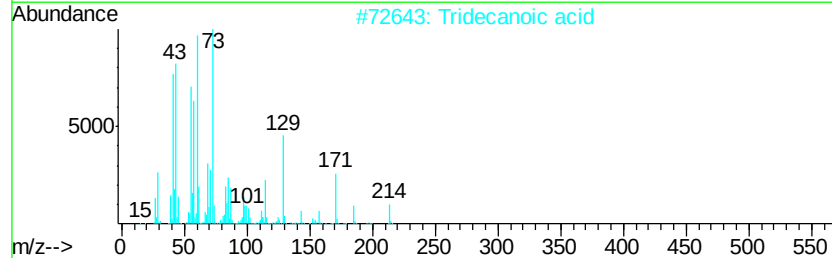
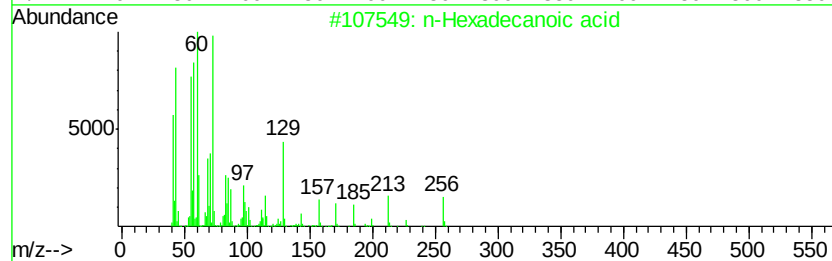
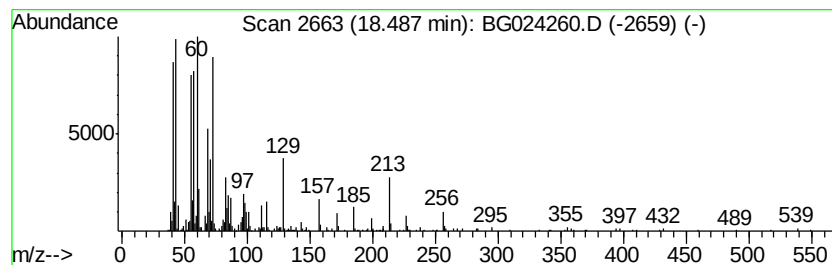
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.25 ng/ul	776663	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Tridecanoic acid	214	C13H26O2	000638-53-9	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	64



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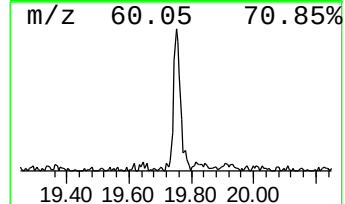
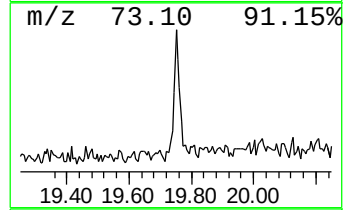
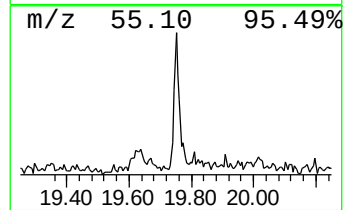
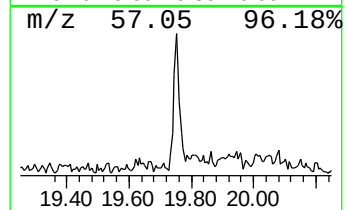
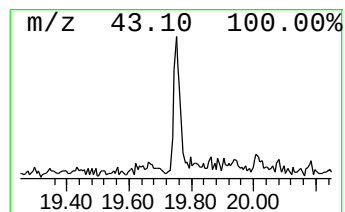
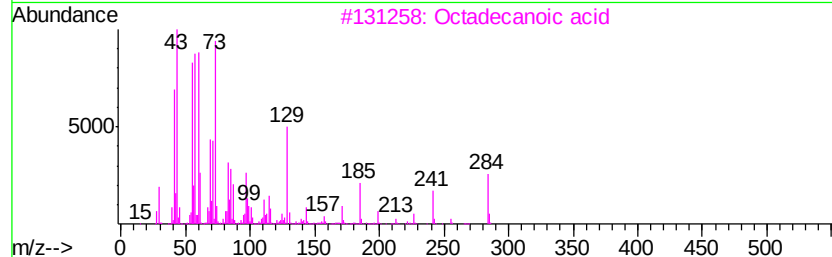
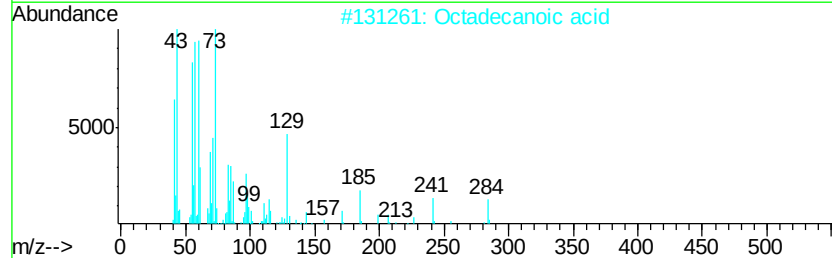
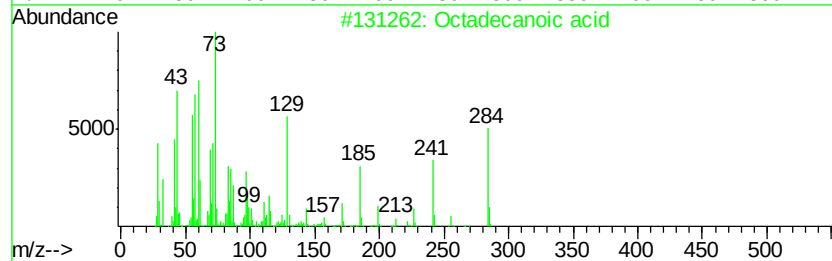
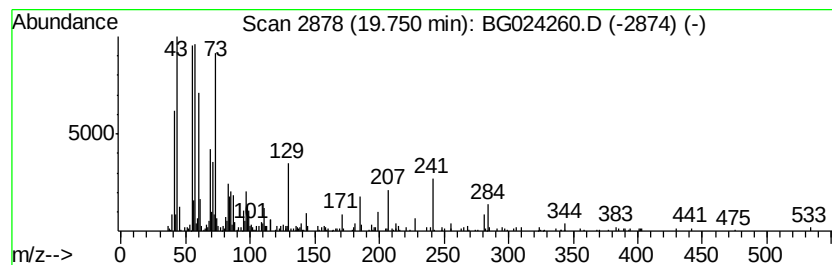
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.27 ng/ul	335167	Phenanthrene-d10	17.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	96
2			Octadecanoic acid	284	C18H36O2	000057-11-4	95
3			Octadecanoic acid	284	C18H36O2	000057-11-4	93
4			Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	58
5			Docosanoic acid	340	C22H44O2	000112-85-6	53



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Sample : H5098-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

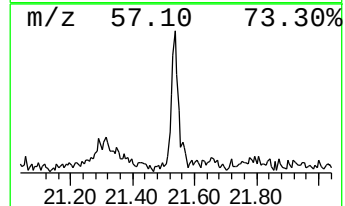
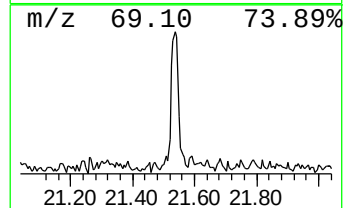
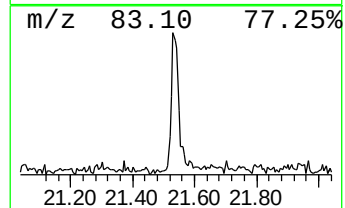
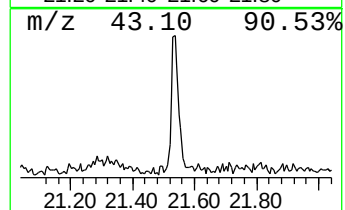
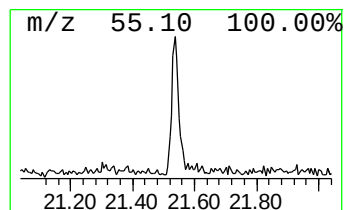
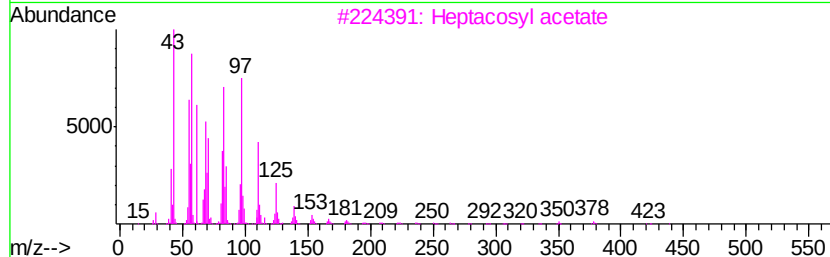
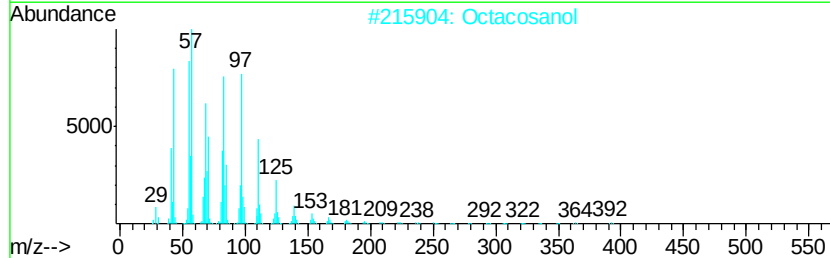
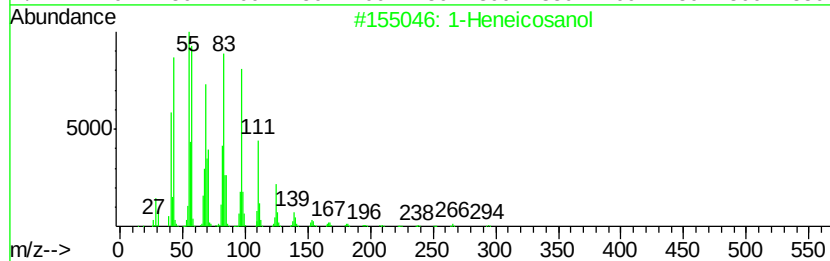
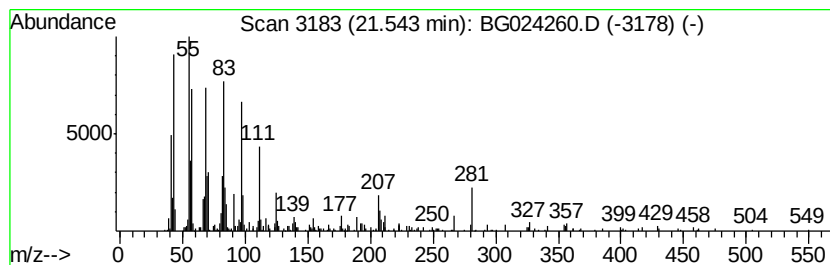
Instrument :
BNA_G
ClientSampleId :
BDNF4

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 4 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.48 ng/ul	417798	Chrysene-d12	21.95
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	91
2	Octacosanol	410 C28H58O	000557-61-9	87
3	Heptacosyl acetate	438 C29H58O2	1000351-78-2	87
4	Behenic alcohol	326 C22H46O	000661-19-8	87
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	83



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101016\
Data File : BG024260.D
Acq On : 11 Oct 2016 5:25
Operator : UM/SJ
Sample : H5098-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDNF4

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
Hexadecane, 1-chl...	17.37	4.5	ng/ul	673091	4	17.65	2956570	20.0
n-Hexadecanoic acid	18.49	5.3	ng/ul	776663	4	17.65	2956570	20.0
Octadecanoic acid	19.75	2.3	ng/ul	335167	4	17.65	2956570	20.0
1-Heneicosanol	21.54	2.5	ng/ul	417798	5	21.95	3365140	20.0