

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101016\
 Data File : BG024251.D
 Acq On : 10 Oct 2016 23:01
 Operator : UM/SJ
 Sample : H5098-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDNF5

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	3.651	136	138	143	rVB3	29579	28959	0.81%	0.062%
2	3.974	191	193	195	rBV2	14142	15242	0.43%	0.033%
3	4.121	217	218	221	rBV3	8417	10394	0.29%	0.022%
4	4.185	227	229	234	rVB3	18286	16730	0.47%	0.036%
5	4.420	267	269	274	rVB5	19395	19829	0.56%	0.042%
6	4.508	283	284	287	rVB3	15090	10312	0.29%	0.022%
7	4.632	298	305	310	rVB7	36512	71982	2.02%	0.154%
8	5.031	371	373	374	rVV2	18474	12649	0.35%	0.027%
9	5.043	374	375	378	rVB3	19245	18293	0.51%	0.039%
10	5.231	405	407	410	rBV4	10545	11218	0.31%	0.024%
11	5.349	425	427	429	rBV3	10636	11909	0.33%	0.025%
12	5.543	458	460	465	rBV4	9227	13829	0.39%	0.030%
13	5.642	474	477	478	rBV3	12093	12148	0.34%	0.026%
14	6.130	558	560	561	rBV2	14004	11013	0.31%	0.024%
15	6.171	565	567	570	rVB4	13866	14660	0.41%	0.031%
16	6.201	570	572	574	rBV3	9277	10265	0.29%	0.022%
17	6.324	591	593	596	rBV4	8212	10249	0.29%	0.022%
18	6.471	615	618	620	rBV4	9954	14280	0.40%	0.030%
19	6.794	668	673	675	rBV5	7092	11242	0.32%	0.024%
20	6.912	688	693	695	rBV6	11638	16956	0.48%	0.036%
21	7.111	725	727	732	rVV6	9886	10421	0.29%	0.022%
22	7.211	739	744	751	rBV9	25214	60138	1.69%	0.128%
23	7.423	772	780	787	rVV	529614	977343	27.42%	2.086%
24	7.611	806	812	819	rVV	363717	630261	17.68%	1.345%
25	7.816	840	847	854	rBV	499729	879662	24.68%	1.877%
26	7.957	869	871	874	rVB2	10632	12481	0.35%	0.027%
27	7.993	874	877	879	rBV3	10152	10263	0.29%	0.022%
28	8.292	921	928	937	rVB	624707	1138014	31.93%	2.429%
29	8.504	961	964	972	rVV9	22903	44416	1.25%	0.095%
30	8.557	972	973	978	rVV5	6728	10176	0.29%	0.022%
31	8.980	1034	1045	1057	rBV2	586820	1082312	30.36%	2.310%
32	9.121	1068	1069	1071	rBV2	10979	10807	0.30%	0.023%
33	9.467	1118	1128	1135	rBV	536751	985444	27.65%	2.103%
34	9.526	1135	1138	1143	rVB6	27970	52413	1.47%	0.112%

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35	9.573	1143	1146	1148	rBV3	10019	12255	0.34%	0.026%
36	9.691	1164	1166	1169	rVB3	10331	10604	0.30%	0.023%
37	9.814	1186	1187	1192	rVB5	12013	11563	0.32%	0.025%
38	10.190	1243	1251	1258	rBV	444389	826303	23.18%	1.764%
39	10.725	1335	1342	1351	rVV	715463	1294037	36.30%	2.762%
40	11.124	1401	1410	1418	rBV	914896	1722606	48.33%	3.676%
41	11.248	1425	1431	1441	rBV2	558871	1100065	30.86%	2.348%
42	11.418	1451	1460	1462	rBV7	11692	26167	0.73%	0.056%
43	11.847	1529	1533	1535	rBV5	9721	12462	0.35%	0.027%
44	12.135	1580	1582	1584	rVV2	12764	10035	0.28%	0.021%
45	12.152	1584	1585	1588	rVB3	10655	10106	0.28%	0.022%
46	12.481	1638	1641	1645	rVB5	10305	14195	0.40%	0.030%
47	12.681	1670	1675	1680	rVB7	17178	39953	1.12%	0.085%
48	13.104	1743	1747	1750	rBV5	7080	11031	0.31%	0.024%
49	13.257	1770	1773	1775	rBV3	12107	12069	0.34%	0.026%
50	13.504	1811	1815	1822	rBV6	20549	41770	1.17%	0.089%
51	13.633	1835	1837	1840	rBV3	12085	14875	0.42%	0.032%
52	13.774	1857	1861	1866	rVB7	25484	45194	1.27%	0.096%
53	13.833	1868	1871	1873	rBV4	7924	12254	0.34%	0.026%
54	14.074	1908	1912	1914	rBV5	16609	19544	0.55%	0.042%
55	14.303	1944	1951	1955	rBV	1366375	2006039	56.28%	4.281%
56	14.350	1955	1959	1965	rVV	976980	1410514	39.57%	3.010%
57	14.608	1995	2003	2009	rBV	1354839	2228262	62.51%	4.756%
58	14.820	2037	2039	2043	rBV4	8900	10836	0.30%	0.023%
59	14.908	2047	2054	2061	rVB	1606523	2533267	71.07%	5.407%
60	15.067	2074	2081	2091	rBV	611470	1037204	29.10%	2.214%
61	15.178	2095	2100	2101	rVV5	9578	14975	0.42%	0.032%
62	15.196	2101	2103	2107	rVV5	9788	14823	0.42%	0.032%
63	15.278	2113	2117	2121	rVV7	31145	52409	1.47%	0.112%
64	15.308	2121	2122	2125	rVB3	13370	11078	0.31%	0.024%
65	15.672	2180	2184	2187	rVV4	13036	20474	0.57%	0.044%
66	15.713	2187	2191	2196	rVB4	36848	52331	1.47%	0.112%
67	15.825	2208	2210	2213	rBV4	9564	11535	0.32%	0.025%
68	15.895	2215	2222	2231	rVV	1993396	3096312	86.86%	6.608%
69	15.995	2231	2239	2247	rVV	607333	934649	26.22%	1.995%
70	16.089	2252	2255	2256	rVV3	13250	11601	0.33%	0.025%
71	16.130	2256	2262	2265	rVV7	39599	78020	2.19%	0.167%

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72	16.177	2268	2270	2273	rVB4	10726	10131	0.28%	0.022%
73	16.254	2280	2283	2288	rVB6	12305	20745	0.58%	0.044%
74	16.336	2293	2297	2302	rBV7	11914	22891	0.64%	0.049%
75	16.506	2324	2326	2329	rBV4	9400	10007	0.28%	0.021%
76	16.571	2334	2337	2345	rVB7	49919	96152	2.70%	0.205%
77	16.765	2366	2370	2376	rVB8	36696	55049	1.54%	0.117%
78	16.917	2393	2396	2400	rBV6	18966	31268	0.88%	0.067%
79	17.000	2406	2410	2413	rVB5	29734	39960	1.12%	0.085%
80	17.170	2437	2439	2441	rBV2	13502	10243	0.29%	0.022%
81	17.364	2468	2472	2477	rBV3	55760	65530	1.84%	0.140%
82	17.505	2492	2496	2497	rBV4	37811	38370	1.08%	0.082%
83	17.564	2502	2506	2508	rBV5	15123	19913	0.56%	0.042%
84	17.652	2514	2521	2531	rBV2	1859036	3003973	84.27%	6.411%
85	17.746	2531	2537	2545	rVV2	1937573	3183572	89.31%	6.794%
86	17.805	2545	2547	2548	rVB2	16687	10521	0.30%	0.022%
87	17.905	2560	2564	2569	rBV8	23035	43102	1.21%	0.092%
88	18.104	2595	2598	2604	rVB5	50869	63013	1.77%	0.134%
89	18.210	2614	2616	2617	rBV2	14681	10725	0.30%	0.023%
90	18.375	2640	2644	2649	rBV7	49538	85104	2.39%	0.182%
91	18.439	2652	2655	2659	rVB5	39445	47949	1.35%	0.102%
92	18.498	2660	2665	2674	rVV2	533990	741989	20.82%	1.584%
93	18.786	2710	2714	2720	rBV9	39313	69236	1.94%	0.148%
94	19.103	2762	2768	2772	rBV9	17460	46742	1.31%	0.100%
95	19.755	2875	2879	2884	rBV2	324424	439693	12.34%	0.938%
96	20.014	2918	2923	2931	rVB	2323270	3564531	100.00%	7.608%
97	21.541	3179	3183	3191	rVB4	286558	442126	12.40%	0.944%
98	21.947	3246	3252	3258	rBV	1833123	3285210	92.16%	7.011%
99	25.161	3792	3799	3810	rVB2	1080921	3092468	86.76%	6.600%
100	25.402	3832	3840	3855	rVB2	1063907	3287477	92.23%	7.016%

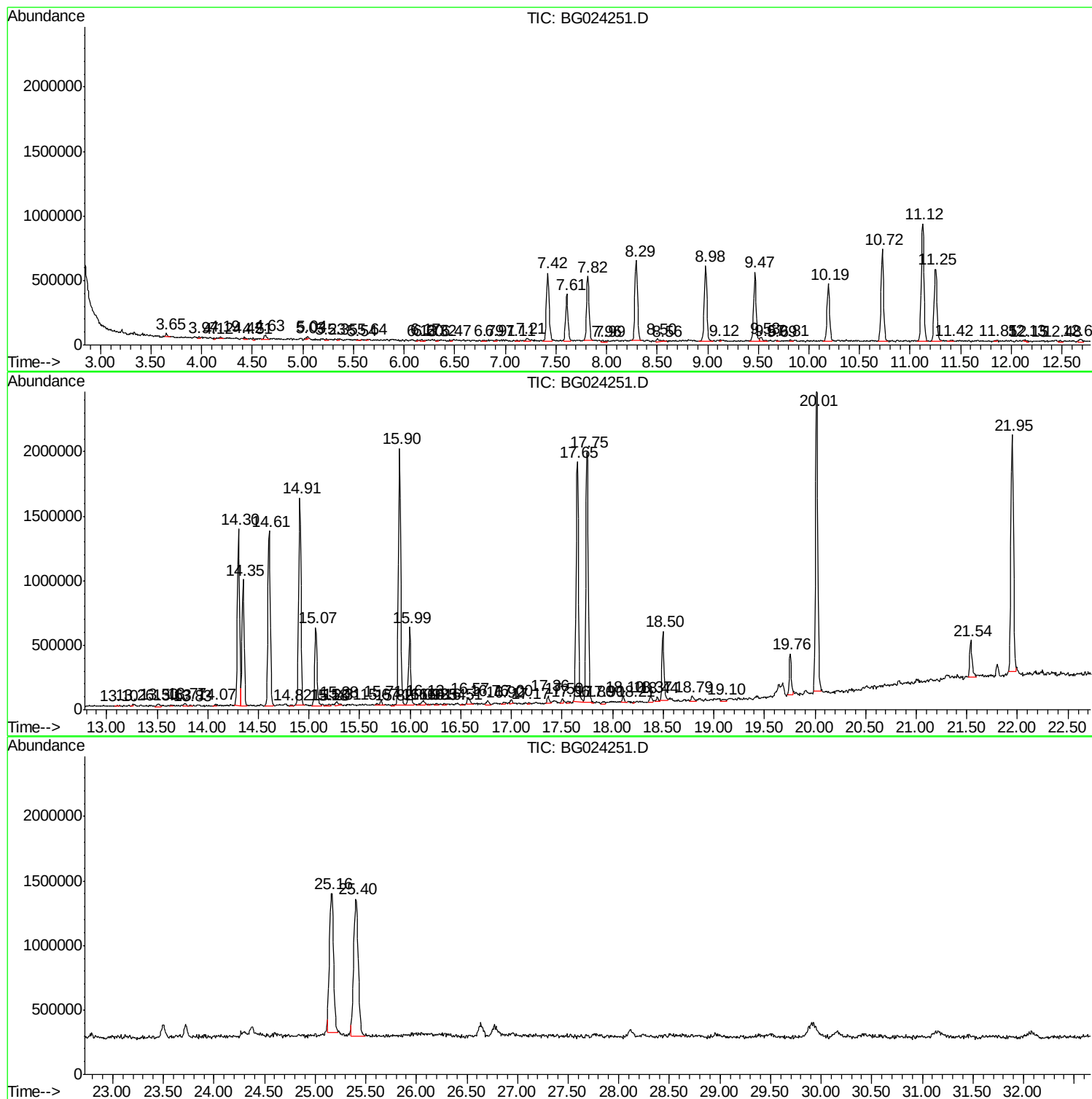
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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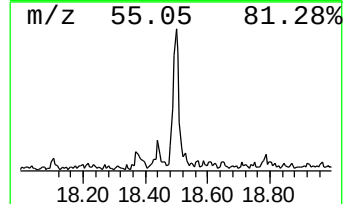
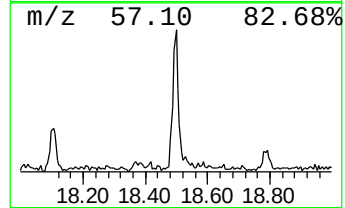
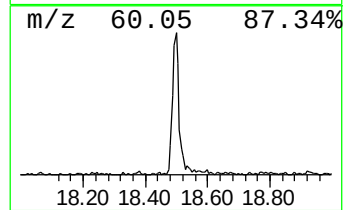
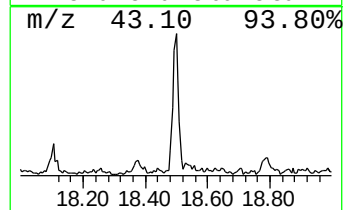
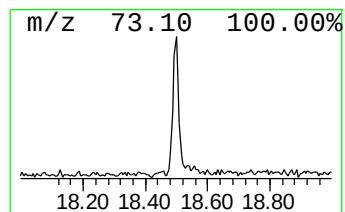
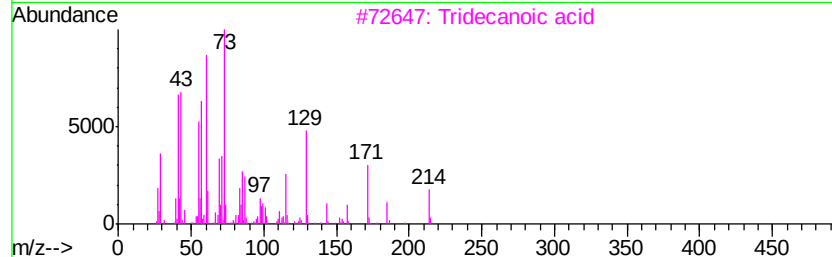
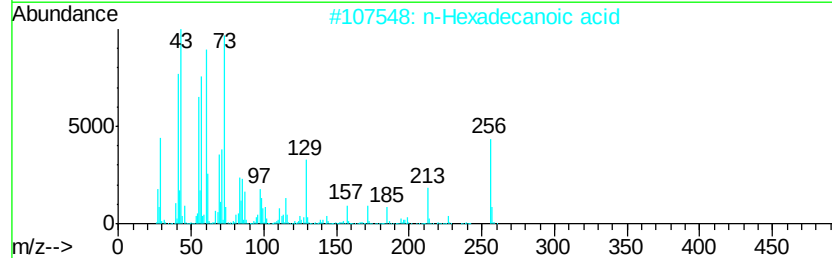
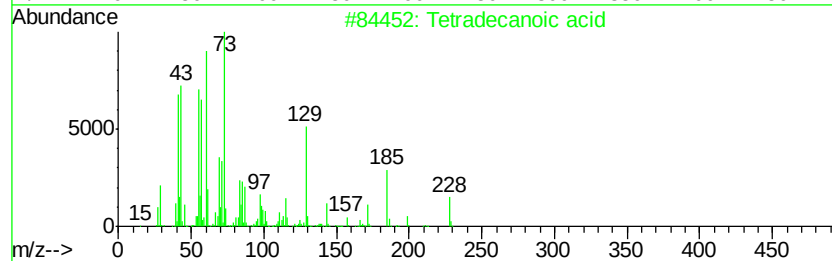
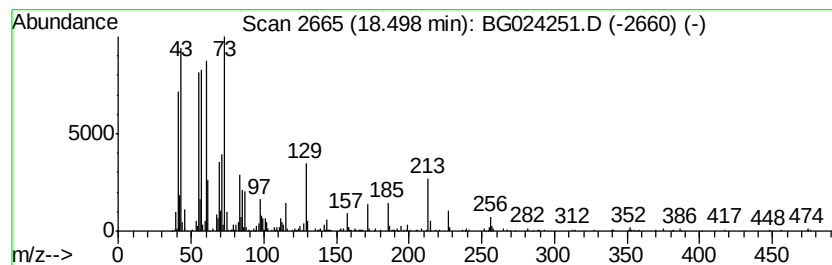
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.50	4.94 ng/ul	741989	Phenanthrene-d10		17.65	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecanoic acid	228	C14H28O2	000544-63-8	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	86
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
5		Tridecanoic acid	214	C13H26O2	000638-53-9	70



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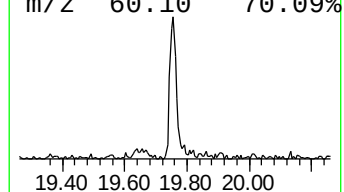
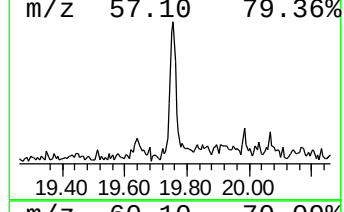
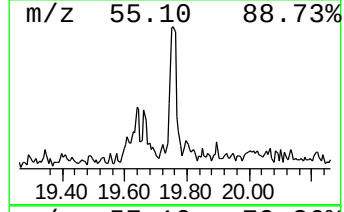
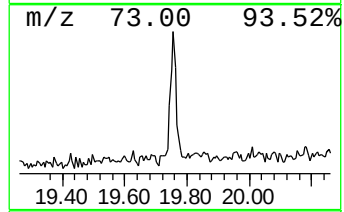
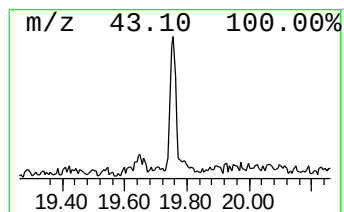
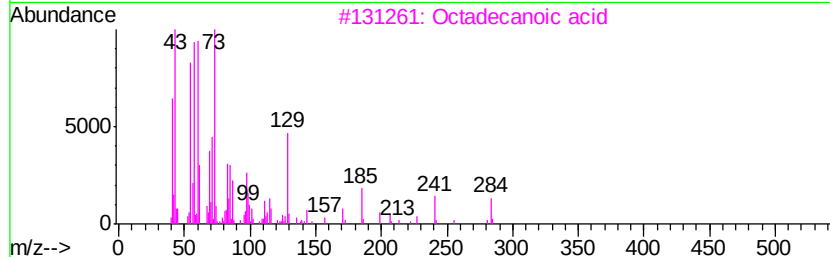
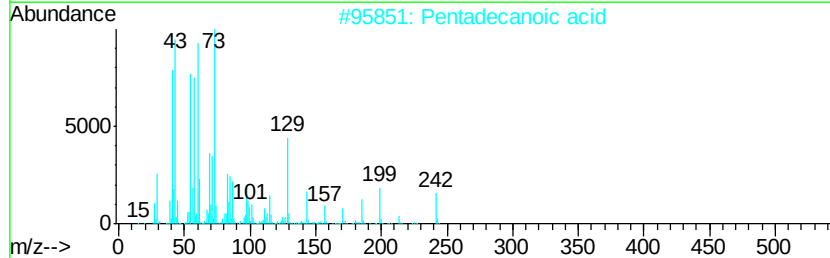
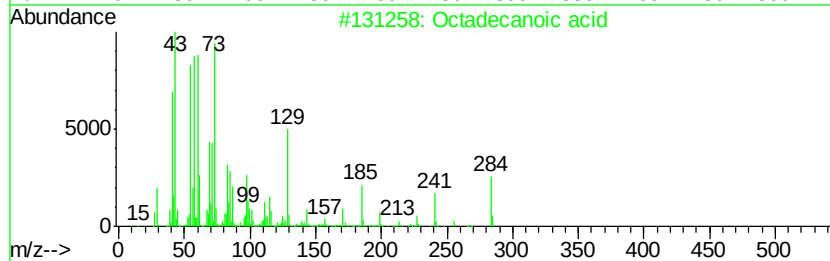
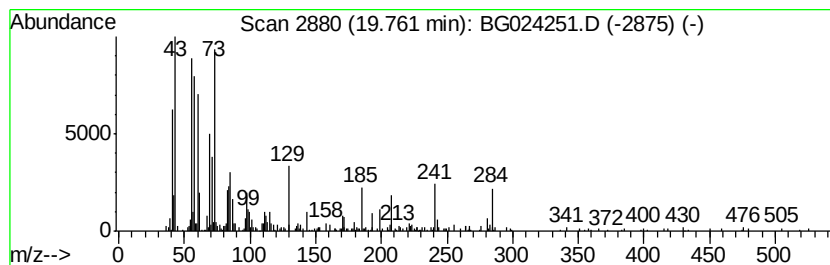
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.93 ng/ul	439693	Phenanthrene-d10	17.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3		Octadecanoic acid	284	C18H36O2	000057-11-4	86
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5		Docosanoic acid	340	C22H44O2	000112-85-6	80



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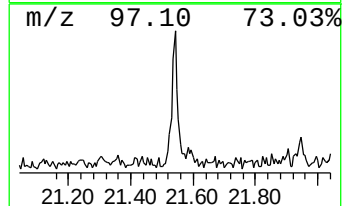
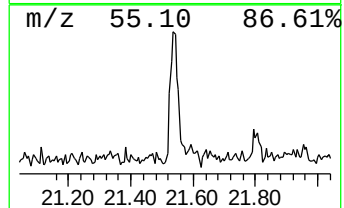
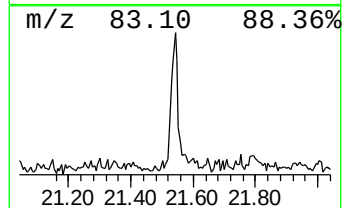
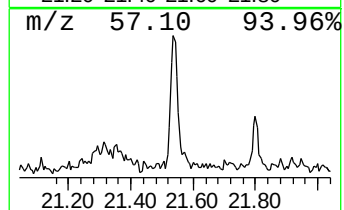
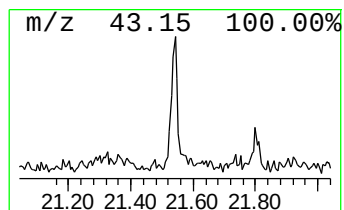
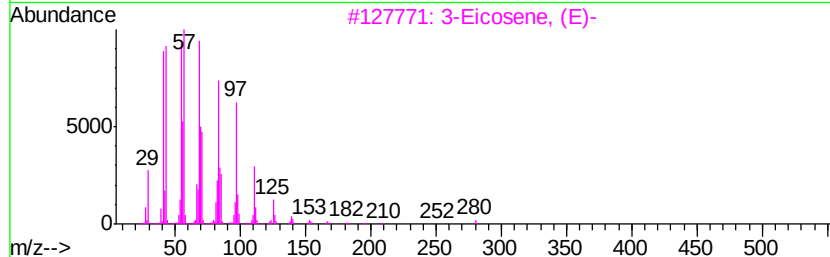
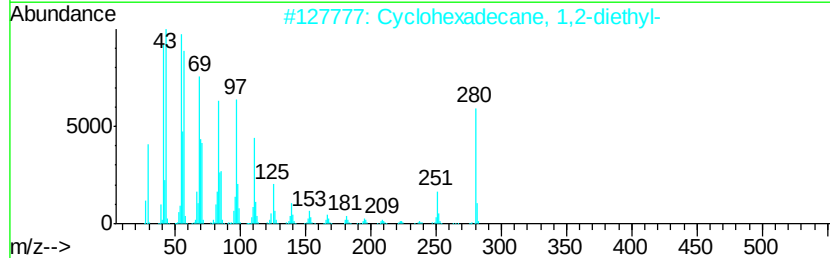
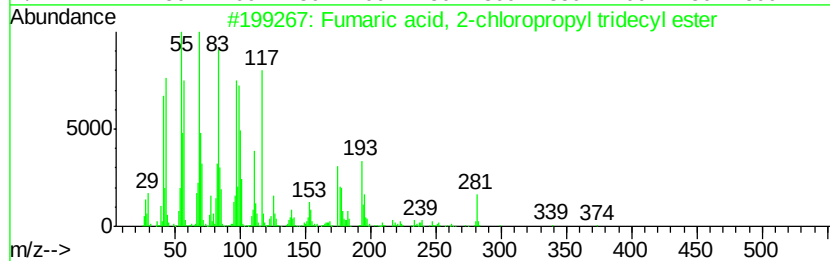
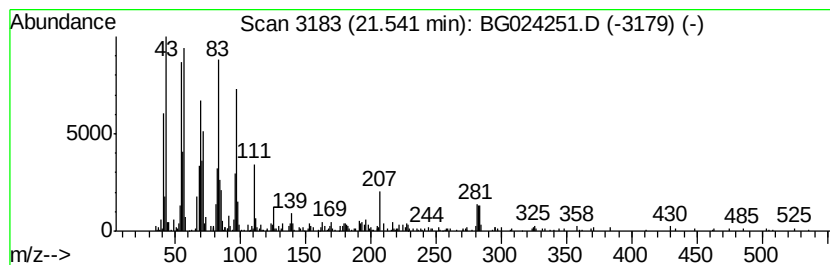
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Fumaric acid, 2-chloropropyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.54	2.69 ng/ul	442126	Chrysene-d12	21.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1000348-57-1	98
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4		Cyclotetradecane	196	C14H28	000295-17-0	83
5		Cyclotetracosane	336	C24H48	000297-03-0	76



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ClientSampleId :
BDNF5

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
Tetradecanoic acid	18.50	4.9	ng/ul	741989	4	17.65	3003970	20.0
Octadecanoic acid	19.76	2.9	ng/ul	439693	4	17.65	3003970	20.0
Fumaric acid, 2-c...	21.54	2.7	ng/ul	442126	5	21.95	3285210	20.0