

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101216\
 Data File : BG024301.D
 Acq On : 12 Oct 2016 14:58
 Operator : UM/SJ
 Sample : H5145-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDN94

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	3.643	133	137	145	rBV6	31536	70759	1.49%	0.128%
2	3.725	150	151	156	rVB5	11980	14023	0.29%	0.025%
3	3.919	183	184	188	rBV2	10366	12769	0.27%	0.023%
4	4.712	315	319	322	rBV6	9331	12776	0.27%	0.023%
5	5.129	388	390	394	rVB5	10168	12395	0.26%	0.022%
6	5.217	402	405	407	rBV4	11162	13665	0.29%	0.025%
7	5.353	423	428	435	rVB8	26590	50673	1.06%	0.091%
8	5.899	519	521	524	rVB3	11075	11531	0.24%	0.021%
9	5.928	524	526	530	rBV4	8547	13349	0.28%	0.024%
10	6.316	587	592	595	rBV7	10710	21470	0.45%	0.039%
11	6.727	657	662	663	rVB5	11087	13584	0.29%	0.024%
12	6.910	690	693	698	rBV5	11123	12691	0.27%	0.023%
13	7.209	743	744	749	rVB5	10799	14388	0.30%	0.026%
14	7.415	771	779	790	rBV	643888	1230071	25.84%	2.218%
15	7.603	801	811	820	rVB	459870	791882	16.64%	1.428%
16	7.697	820	827	831	rBV9	9700	18590	0.39%	0.034%
17	7.808	838	846	855	rVV	577757	1056877	22.20%	1.906%
18	8.290	921	928	943	rVB2	529002	965023	20.27%	1.740%
19	8.408	947	948	952	rBV3	10670	11644	0.24%	0.021%
20	8.455	952	956	964	rVB8	6355	16107	0.34%	0.029%
21	8.737	1002	1004	1011	rVB7	11167	22190	0.47%	0.040%
22	8.801	1011	1015	1021	rBV6	12302	27470	0.58%	0.050%
23	8.972	1037	1044	1055	rBV	748461	1338828	28.13%	2.414%
24	9.465	1119	1128	1134	rBV	671913	1226311	25.76%	2.211%
25	9.606	1149	1152	1158	rVB8	12582	20153	0.42%	0.036%
26	9.730	1170	1173	1179	rVB8	6858	15111	0.32%	0.027%
27	9.818	1179	1188	1195	rVB8	14719	40974	0.86%	0.074%
28	9.894	1195	1201	1203	rBV5	9032	17751	0.37%	0.032%
29	9.971	1209	1214	1217	rBV7	8443	12704	0.27%	0.023%
30	9.994	1217	1218	1225	rVB6	10455	14977	0.31%	0.027%
31	10.188	1240	1251	1261	rBV	585710	1124427	23.62%	2.027%
32	10.364	1278	1281	1288	rVB7	9887	16464	0.35%	0.030%
33	10.723	1331	1342	1354	rBV	856089	1606892	33.76%	2.897%
34	11.046	1390	1397	1400	rBV8	9754	16039	0.34%	0.029%

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35	11.116	1400	1409	1418	rBV	767876	1476925	31.03%	2.663%
36	11.246	1421	1431	1442	rBV	821380	1552662	32.62%	2.800%
37	11.475	1466	1470	1475	rVB8	11027	17482	0.37%	0.032%
38	11.610	1490	1493	1499	rVB7	9778	14223	0.30%	0.026%
39	11.757	1515	1518	1520	rBV4	10823	11823	0.25%	0.021%
40	12.197	1588	1593	1597	rVB7	7206	14208	0.30%	0.026%
41	12.303	1609	1611	1617	rVB5	11880	15821	0.33%	0.029%
42	12.368	1617	1622	1625	rBV5	10160	14672	0.31%	0.026%
43	12.432	1631	1633	1636	rBV3	10362	12059	0.25%	0.022%
44	12.673	1666	1674	1682	rBV7	22020	49250	1.03%	0.089%
45	13.273	1772	1776	1780	rVB7	12425	21003	0.44%	0.038%
46	13.326	1780	1785	1787	rBV5	8819	14898	0.31%	0.027%
47	13.502	1810	1815	1819	rVB6	15773	24372	0.51%	0.044%
48	13.619	1832	1835	1837	rBV4	9282	12612	0.26%	0.023%
49	13.713	1843	1851	1853	rBV6	14631	27574	0.58%	0.050%
50	13.766	1853	1860	1867	rVV8	30612	66393	1.39%	0.120%
51	13.937	1884	1889	1892	rVB5	9498	14790	0.31%	0.027%
52	14.025	1899	1904	1909	rVB9	9934	12655	0.27%	0.023%
53	14.295	1939	1950	1955	rBV	1742607	2749324	57.76%	4.957%
54	14.342	1955	1958	1968	rVB	1115818	1601393	33.64%	2.887%
55	14.407	1968	1969	1973	rBV3	9328	12343	0.26%	0.022%
56	14.601	1994	2002	2011	rBV	1775988	2952331	62.02%	5.323%
57	14.700	2017	2019	2023	rVB4	9940	11862	0.25%	0.021%
58	14.759	2023	2029	2033	rBV4	32289	54366	1.14%	0.098%
59	14.906	2046	2054	2062	rVV	1413586	2297215	48.26%	4.142%
60	15.065	2072	2081	2094	rBV	945551	1537025	32.29%	2.771%
61	15.206	2101	2105	2109	rVB7	9947	16724	0.35%	0.030%
62	15.253	2109	2113	2120	rBV10	19625	44308	0.93%	0.080%
63	15.317	2120	2124	2126	rVB5	12588	12690	0.27%	0.023%
64	15.376	2130	2134	2141	rVB7	16747	26129	0.55%	0.047%
65	15.441	2142	2145	2151	rVB6	16142	22244	0.47%	0.040%
66	15.599	2171	2172	2178	rBV6	11687	20487	0.43%	0.037%
67	15.664	2178	2183	2186	rBV6	13902	26676	0.56%	0.048%
68	15.705	2186	2190	2197	rVB2	77424	104572	2.20%	0.189%
69	15.764	2197	2200	2205	rBV5	15430	16344	0.34%	0.029%
70	15.887	2213	2221	2229	rBV	2416779	3939768	82.76%	7.104%
71	15.993	2229	2239	2251	rVV	876202	1382480	29.04%	2.493%

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72	16.122	2251	2261	2271	rVB	53350	159092	3.34%	0.287%
73	16.199	2271	2274	2281	rBV9	18014	32069	0.67%	0.058%
74	16.257	2281	2284	2288	rVB5	18833	27890	0.59%	0.050%
75	16.322	2292	2295	2300	rVB7	19075	29835	0.63%	0.054%
76	16.563	2332	2336	2347	rBV2	112312	210026	4.41%	0.379%
77	16.769	2366	2371	2374	rVB7	12690	22469	0.47%	0.041%
78	16.798	2374	2376	2378	rBV3	11572	12250	0.26%	0.022%
79	16.833	2379	2382	2388	rVB8	15822	30423	0.64%	0.055%
80	16.904	2391	2394	2396	rBV4	18475	23689	0.50%	0.043%
81	17.074	2419	2423	2426	rVB6	17716	24776	0.52%	0.045%
82	17.103	2426	2428	2430	rBV3	10540	11535	0.24%	0.021%
83	17.356	2466	2471	2477	rBV2	79009	100967	2.12%	0.182%
84	17.409	2477	2480	2489	rVB10	27105	56889	1.20%	0.103%
85	17.644	2511	2520	2530	rBV	1803364	2818495	59.21%	5.082%
86	17.744	2530	2537	2547	rBV	2731959	4238467	89.04%	7.642%
87	17.891	2560	2562	2567	rVB6	13679	19559	0.41%	0.035%
88	17.979	2571	2577	2580	rBV6	23782	49210	1.03%	0.089%
89	18.096	2592	2597	2601	rBV8	27757	34248	0.72%	0.062%
90	18.490	2654	2664	2675	rBV	521585	791626	16.63%	1.427%
91	18.760	2709	2710	2715	rBV5	10103	15187	0.32%	0.027%
92	18.819	2717	2720	2724	rBV6	15919	25412	0.53%	0.046%
93	19.642	2850	2860	2866	rBV8	61240	169194	3.55%	0.305%
94	19.747	2873	2878	2887	rBV2	248164	345357	7.26%	0.623%
95	19.906	2900	2905	2912	rVB7	40116	70774	1.49%	0.128%
96	20.012	2917	2923	2934	rVB	3169613	4760204	100.00%	8.583%
97	21.528	3176	3181	3189	rBV2	276360	424062	8.91%	0.765%
98	21.945	3244	3252	3260	rVB	1762155	3159738	66.38%	5.697%
99	25.147	3786	3797	3814	rVB2	1537991	4566094	95.92%	8.233%
100	25.388	3827	3838	3852	rVB2	1003080	3163739	66.46%	5.705%

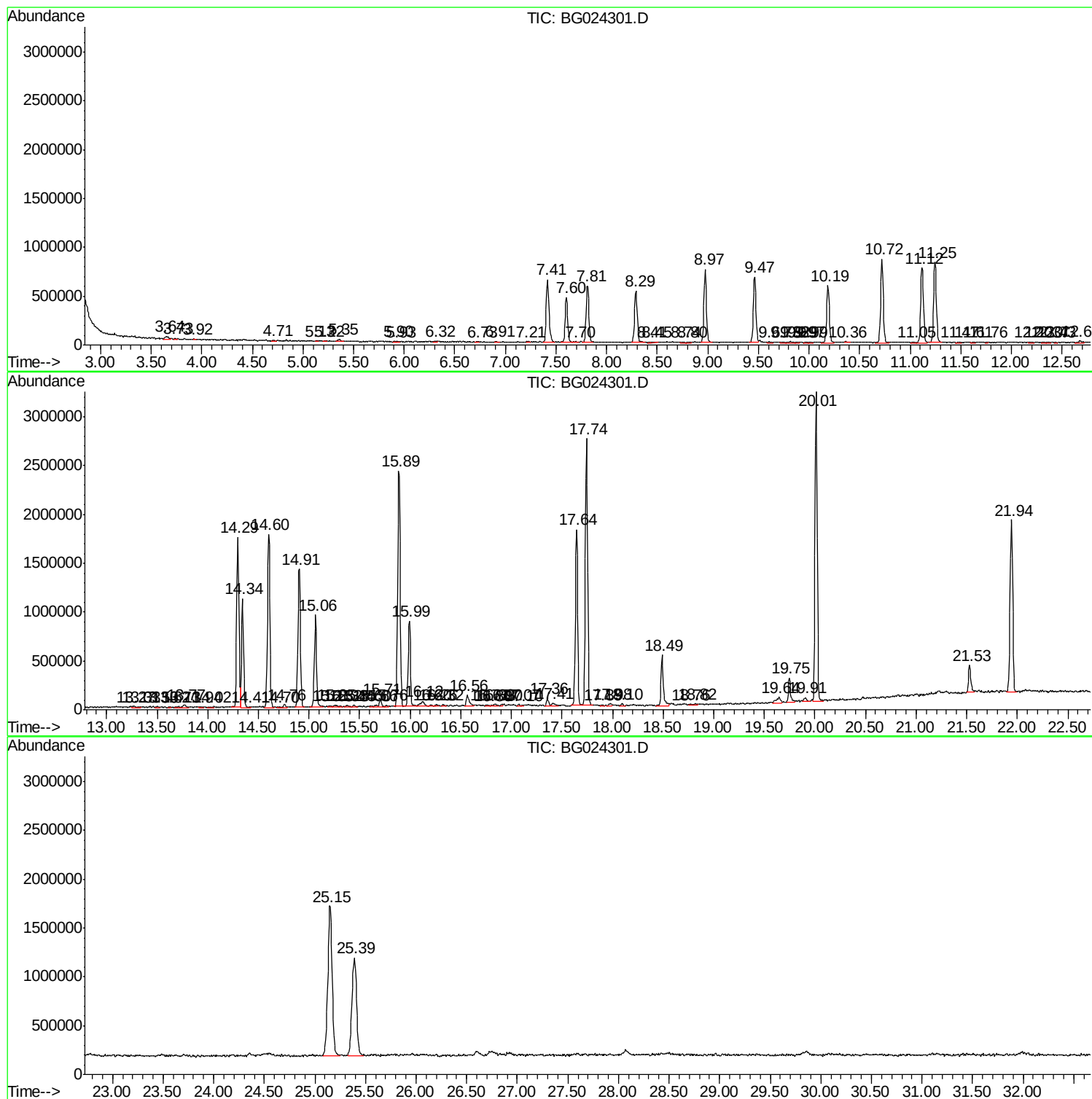
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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



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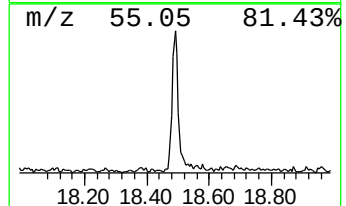
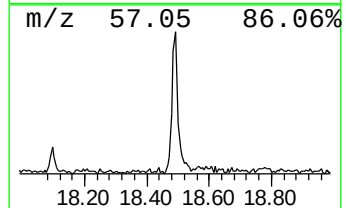
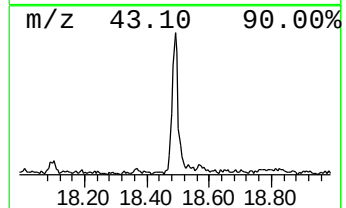
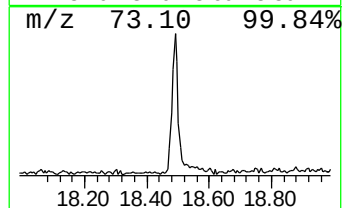
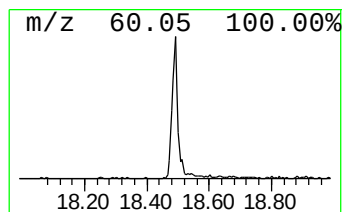
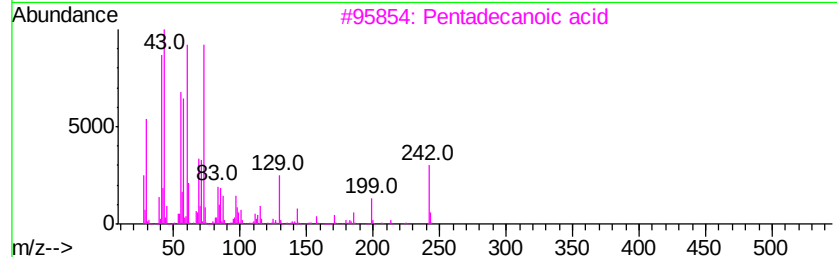
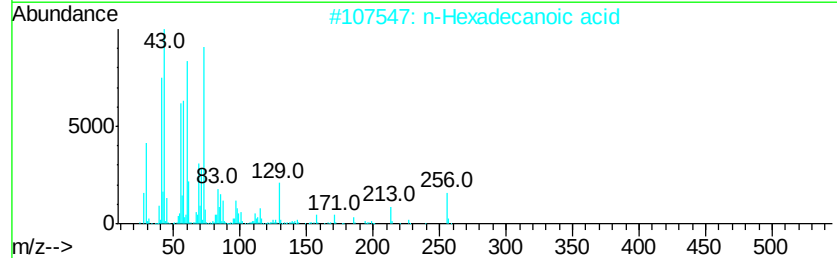
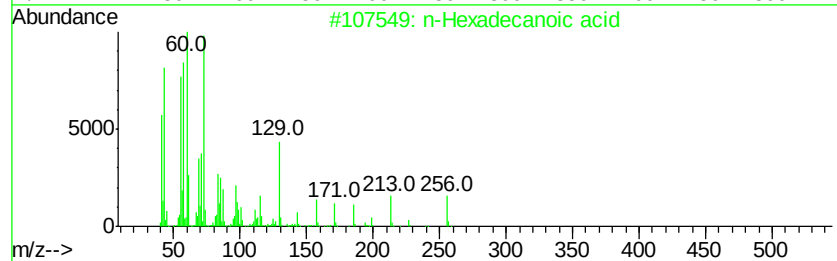
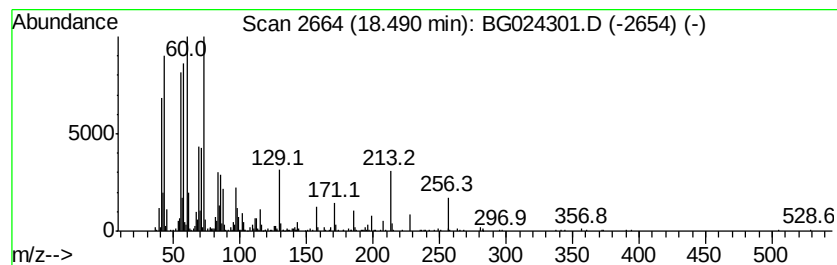
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.49	5.62 ng/ul	791626	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



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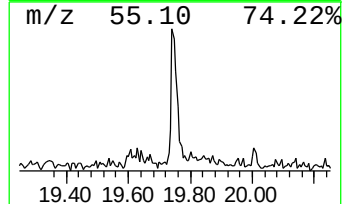
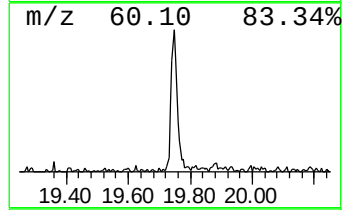
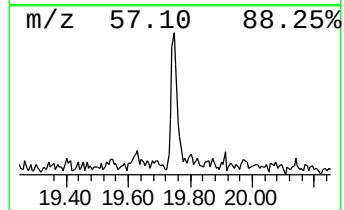
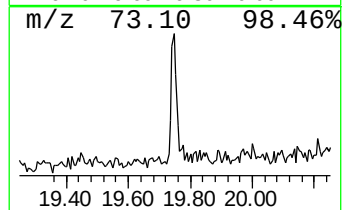
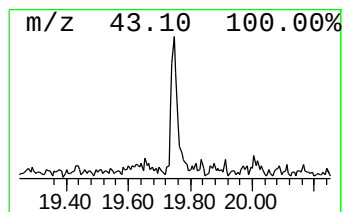
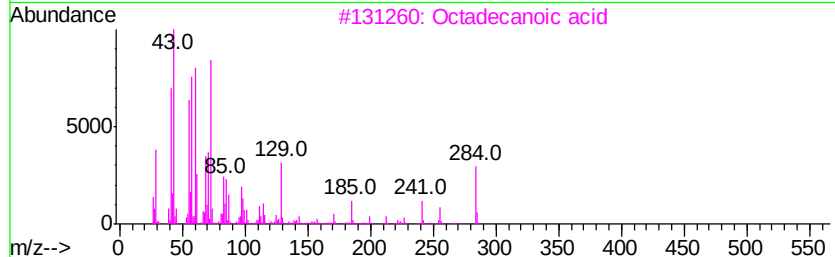
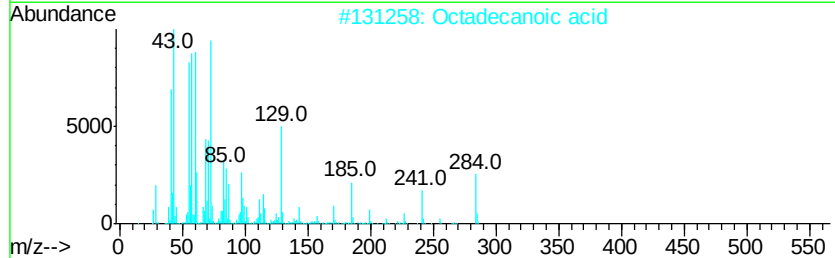
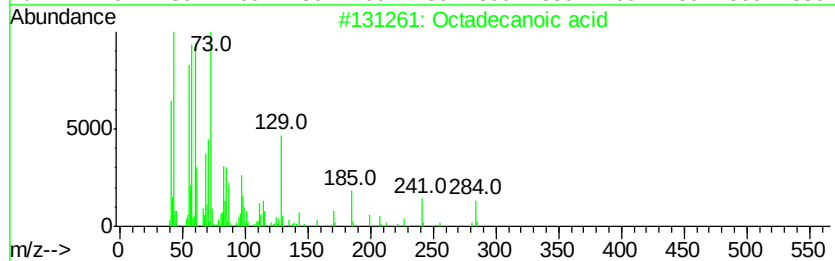
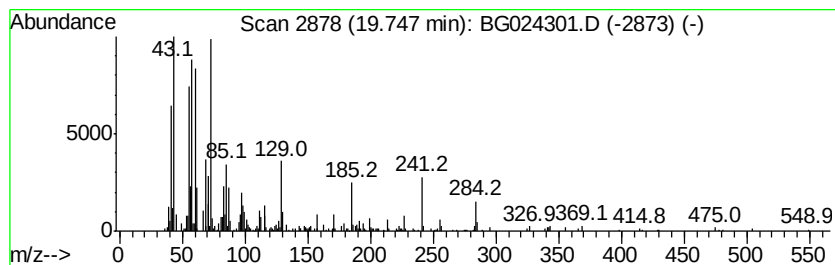
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.45 ng/ul	345357	Phenanthrene-d10	17.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	96
3		Octadecanoic acid	284	C18H36O2	000057-11-4	95
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	92



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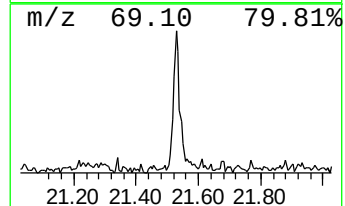
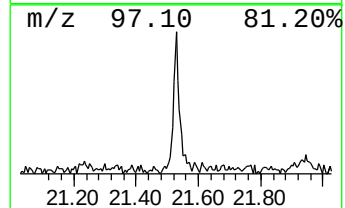
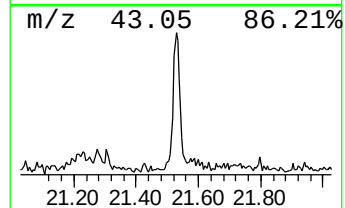
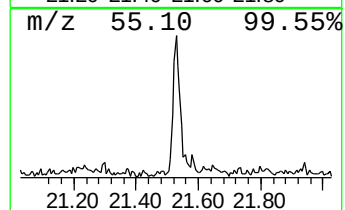
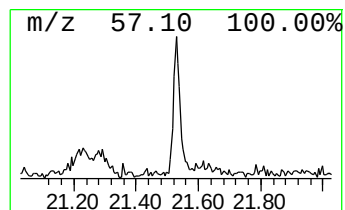
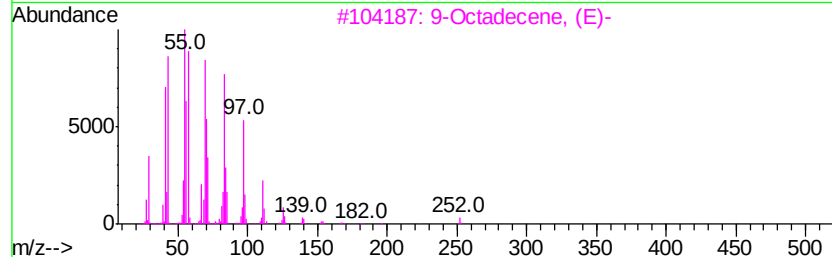
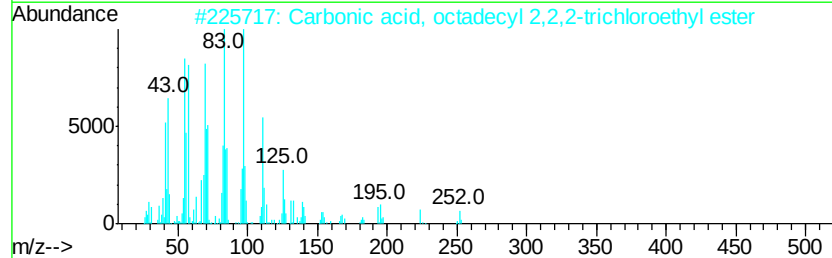
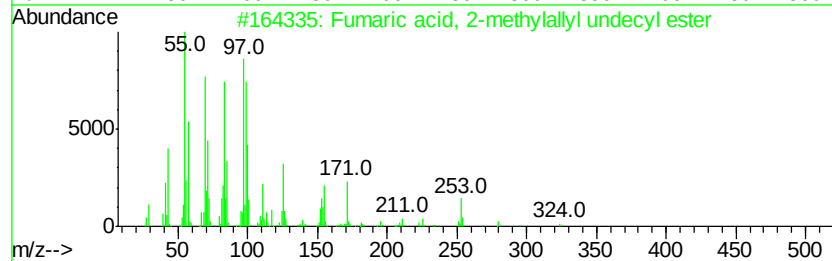
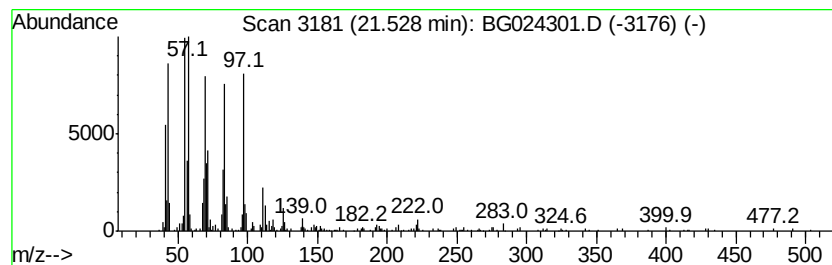
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Peak Number 3 Fumaric acid, 2-methylallyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.53	2.68 ng/ul	424062	Chrysene-d12		21.94	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-methylallyl unde...	324	C19H32O4	1000330-55-1	91	
2	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	86	
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	72	
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64	
5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	62	



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Data File : BG024301.D
Acq On : 12 Oct 2016 14:58
Operator : UM/SJ
Sample : H5145-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN94

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	18.49	5.6	ng/ul	791626	4	17.64	2818500	20.0
Octadecanoic acid	19.75	2.5	ng/ul	345357	4	17.64	2818500	20.0
Fumaric acid, 2-m...	21.53	2.7	ng/ul	424062	5	21.94	3159740	20.0