

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
 Data File : BG023692.D
 Acq On : 13 Aug 2016 17:11
 Operator : UM/SJ
 Sample : H4388-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR002-SS003-3642-01

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	3.480	106	109	115	rVB4	23311	31135	0.80%	0.072%
2	3.797	161	163	165	rBV3	5741	5932	0.15%	0.014%
3	4.132	218	220	223	rBV4	4482	6249	0.16%	0.015%
4	4.238	236	238	241	rBV3	7431	7412	0.19%	0.017%
5	5.824	504	508	510	rBV4	3973	6260	0.16%	0.015%
6	5.994	535	537	543	rVB4	4468	7038	0.18%	0.016%
7	6.159	561	565	568	rVV3	4383	7604	0.19%	0.018%
8	7.269	745	754	768	rBV	482381	928452	23.78%	2.161%
9	7.428	775	781	788	rBV	403871	652348	16.71%	1.519%
10	7.639	809	817	828	rBV	490600	857998	21.98%	1.997%
11	8.109	887	897	910	rBV	366144	664048	17.01%	1.546%
12	8.338	933	936	941	rBV5	4654	8648	0.22%	0.020%
13	8.826	1012	1019	1032	rVV	608199	1090829	27.94%	2.539%
14	9.290	1091	1098	1108	rBV	516277	941469	24.12%	2.192%
15	9.396	1113	1116	1118	rBV4	7280	9405	0.24%	0.022%
16	9.595	1149	1150	1156	rBV4	3872	6049	0.15%	0.014%
17	10.018	1215	1222	1232	rBV	462454	857749	21.97%	1.997%
18	10.570	1309	1316	1330	rVV	632339	1232828	31.58%	2.870%
19	10.664	1330	1332	1337	rVV5	7823	14597	0.37%	0.034%
20	10.729	1340	1343	1346	rVV5	5154	7443	0.19%	0.017%
21	10.776	1350	1351	1355	rBV4	5125	6788	0.17%	0.016%
22	10.841	1361	1362	1367	rVB4	5467	6858	0.18%	0.016%
23	10.946	1372	1380	1389	rVV	569830	1038484	26.60%	2.417%
24	11.087	1394	1404	1419	rBV	611070	1167528	29.91%	2.718%
25	12.350	1616	1619	1621	rBV4	5108	6365	0.16%	0.015%
26	12.433	1631	1633	1637	rVV5	4069	6225	0.16%	0.014%
27	12.538	1647	1651	1657	rVB3	13929	23632	0.61%	0.055%
28	12.908	1706	1714	1722	rBV5	27198	61887	1.59%	0.144%
29	13.132	1748	1752	1758	rVB8	4794	9783	0.25%	0.023%
30	13.337	1783	1787	1788	rBV2	8029	9220	0.24%	0.021%
31	13.378	1790	1794	1800	rVB8	7950	16653	0.43%	0.039%
32	13.566	1820	1826	1831	rBV7	6761	16033	0.41%	0.037%
33	13.660	1836	1842	1847	rBV4	24668	44566	1.14%	0.104%
34	13.907	1879	1884	1891	rBV8	7102	16912	0.43%	0.039%

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35	14.183	1924	1931	1935	rBV	1371460	2103104	53.87%	4.896%
36	14.230	1935	1939	1945	rVV	574149	831755	21.31%	1.936%
37	14.271	1945	1946	1950	rVB4	6810	5935	0.15%	0.014%
38	14.477	1973	1981	1991	rBV	1439878	2403467	61.57%	5.595%
39	14.653	2006	2011	2016	rVV	36938	47416	1.21%	0.110%
40	14.788	2026	2034	2044	rVB2	998161	1624228	41.60%	3.781%
41	14.947	2060	2061	2064	rBV2	6448	6789	0.17%	0.016%
42	15.006	2064	2071	2083	rBV2	431204	1014306	25.98%	2.361%
43	15.152	2093	2096	2102	rVB6	9182	12530	0.32%	0.029%
44	15.270	2111	2116	2120	rBV3	14479	20493	0.52%	0.048%
45	15.340	2125	2128	2133	rVB5	10296	14175	0.36%	0.033%
46	15.511	2155	2157	2159	rVB3	7619	6774	0.17%	0.016%
47	15.558	2159	2165	2168	rBV7	7919	16547	0.42%	0.039%
48	15.611	2169	2174	2178	rVV	87941	122827	3.15%	0.286%
49	15.664	2180	2183	2187	rVB5	8099	12326	0.32%	0.029%
50	15.781	2196	2203	2210	rBV	2056713	3182572	81.52%	7.408%
51	15.910	2218	2225	2235	rBV	645507	1027142	26.31%	2.391%
52	16.022	2235	2244	2249	rVV6	45365	99292	2.54%	0.231%
53	16.116	2254	2260	2265	rBV10	16678	33927	0.87%	0.079%
54	16.163	2265	2268	2272	rBV3	16839	21469	0.55%	0.050%
55	16.239	2277	2281	2284	rVB3	13762	19262	0.49%	0.045%
56	16.421	2310	2312	2316	rVB5	7844	8816	0.23%	0.021%
57	16.474	2316	2321	2332	rBV	111434	205601	5.27%	0.479%
58	16.750	2363	2368	2371	rVB5	14033	22318	0.57%	0.052%
59	16.821	2376	2380	2386	rBV7	18996	39422	1.01%	0.092%
60	16.880	2386	2390	2393	rBV5	11717	17356	0.44%	0.040%
61	16.932	2397	2399	2403	rVB4	11461	15254	0.39%	0.036%
62	16.985	2404	2408	2411	rVB5	9949	10772	0.28%	0.025%
63	17.056	2415	2420	2424	rBV8	10682	20011	0.51%	0.047%
64	17.273	2452	2457	2462	rBV2	54548	71950	1.84%	0.167%
65	17.326	2463	2466	2471	rVB7	13735	20911	0.54%	0.049%
66	17.420	2478	2482	2484	rBV5	9519	11920	0.31%	0.028%
67	17.549	2494	2504	2511	rBV	1321912	2109451	54.03%	4.910%
68	17.655	2514	2522	2529	rBV	2183381	3491003	89.42%	8.126%
69	17.819	2545	2550	2552	rBV5	7146	10368	0.27%	0.024%
70	17.908	2561	2565	2567	rBV5	14618	18849	0.48%	0.044%
71	18.013	2581	2583	2587	rVB4	11579	13001	0.33%	0.030%

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72	18.313	2632	2634	2639	rVB6	11832	10292	0.26%	0.024%
73	18.419	2647	2652	2662	rBV	264169	424640	10.88%	0.988%
74	18.501	2664	2666	2672	rVB2	24451	27918	0.72%	0.065%
75	18.595	2680	2682	2684	rVV3	7850	6196	0.16%	0.014%
76	18.636	2684	2689	2696	rVB3	66698	86462	2.21%	0.201%
77	18.712	2701	2702	2704	rVV2	8291	5978	0.15%	0.014%
78	18.748	2704	2708	2713	rVB2	38962	50885	1.30%	0.118%
79	18.818	2719	2720	2724	rVB4	6553	6144	0.16%	0.014%
80	19.030	2754	2756	2760	rVB5	7470	6757	0.17%	0.016%
81	19.065	2760	2762	2766	rBV5	7002	9318	0.24%	0.022%
82	19.129	2771	2773	2776	rBV4	4561	6182	0.16%	0.014%
83	19.576	2841	2849	2856	rBV4	63418	133435	3.42%	0.311%
84	19.629	2856	2858	2861	rVB4	8332	8097	0.21%	0.019%
85	19.693	2865	2869	2872	rBV5	37689	55620	1.42%	0.129%
86	19.828	2885	2892	2897	rBV2	221075	303507	7.77%	0.707%
87	19.946	2905	2912	2919	rBV	2670110	3903943	100.00%	9.088%
88	20.046	2927	2929	2933	rVB5	10295	12169	0.31%	0.028%
89	20.087	2933	2936	2938	rBV4	10488	11810	0.30%	0.027%
90	20.739	3045	3047	3048	rBV2	9968	6816	0.17%	0.016%
91	21.473	3168	3172	3183	rBV2	174069	405647	10.39%	0.944%
92	21.879	3234	3241	3249	rBV	1383925	2388798	61.19%	5.561%
93	22.889	3411	3413	3414	rBV2	16264	10346	0.27%	0.024%
94	23.400	3497	3500	3507	rVB6	49999	89124	2.28%	0.207%
95	25.051	3770	3781	3792	rVB	1274142	3642560	93.30%	8.479%
96	25.280	3810	3820	3834	rVB	788343	2394204	61.33%	5.573%
97	25.997	3941	3942	3945	rBV3	16939	10995	0.28%	0.026%
98	26.455	4015	4020	4030	rVB5	69528	203072	5.20%	0.473%
99	27.894	4259	4265	4276	rVB2	76574	239915	6.15%	0.558%
100	28.217	4318	4320	4321	rVB2	17965	10387	0.27%	0.024%

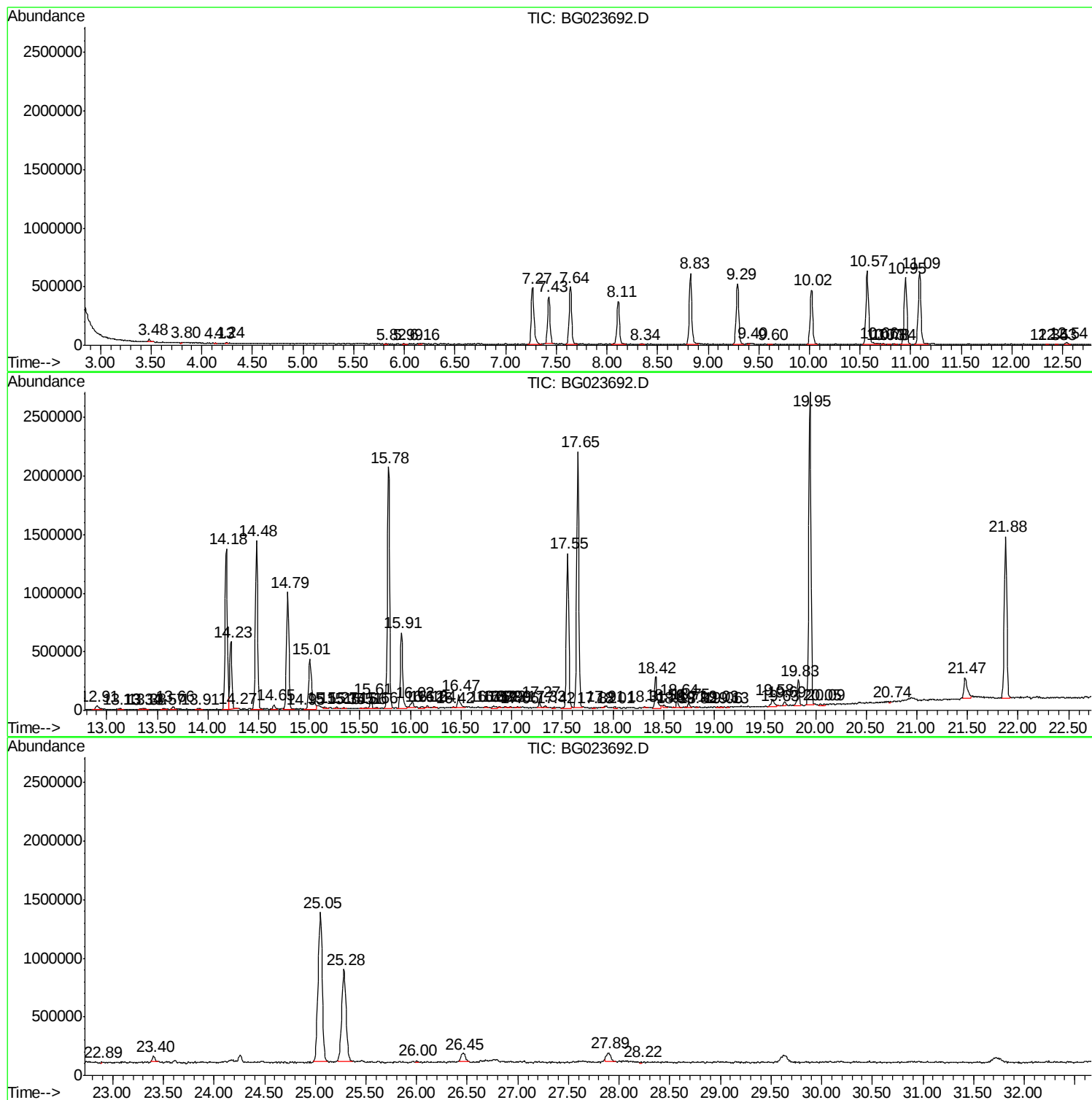
Sum of corrected areas: 42958983

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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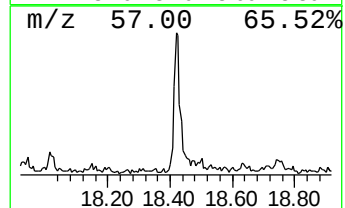
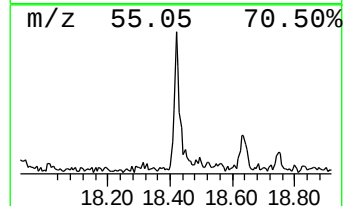
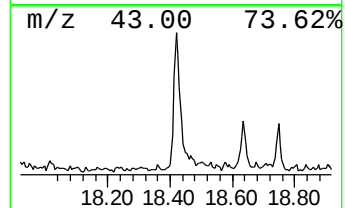
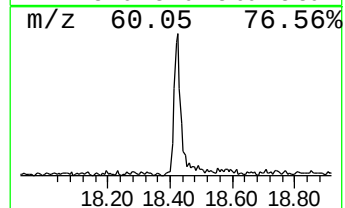
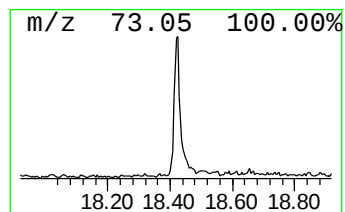
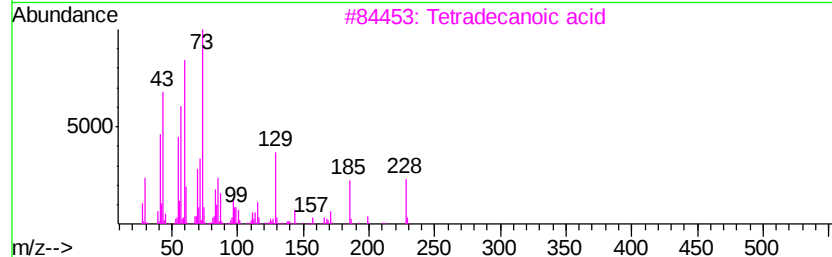
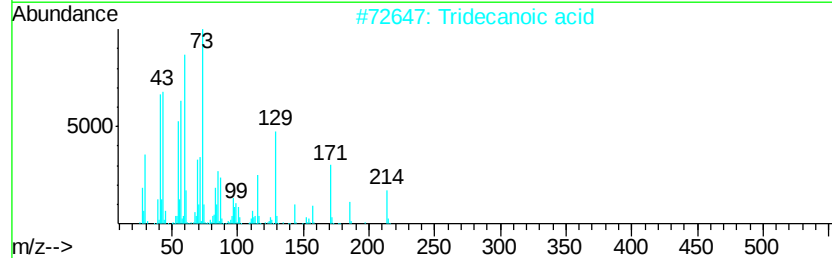
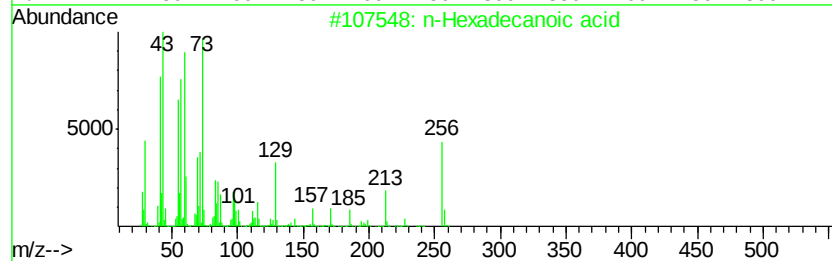
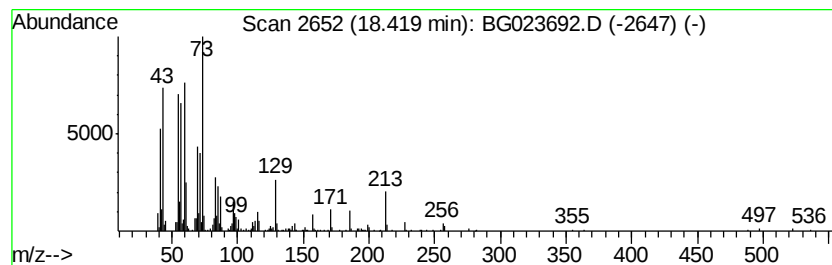
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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.
18.42	4.03 ng/ul	424640	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		Tridecanoic acid	214	C13H26O2	000638-53-9	90
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4		Tridecanoic acid	214	C13H26O2	000638-53-9	76
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64



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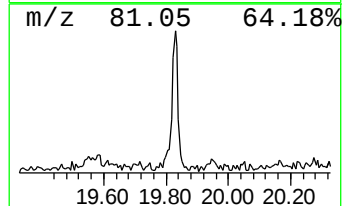
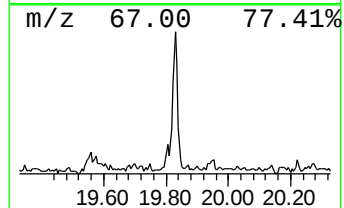
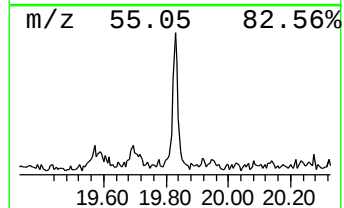
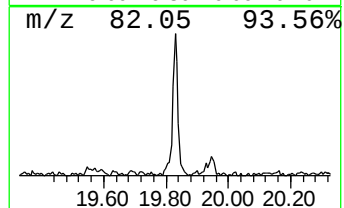
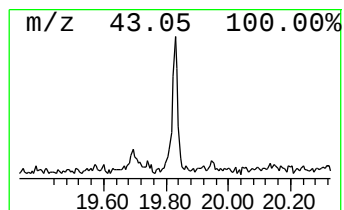
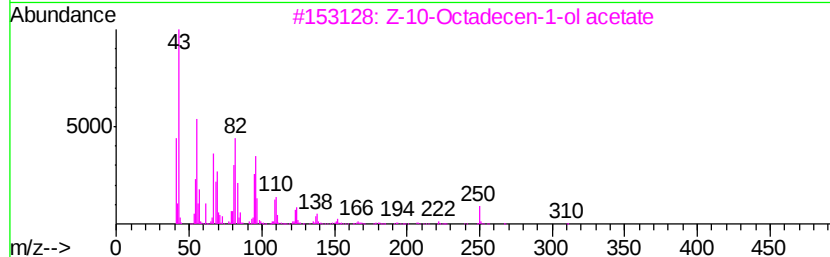
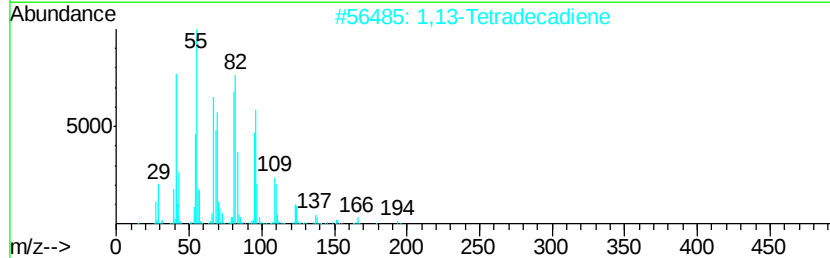
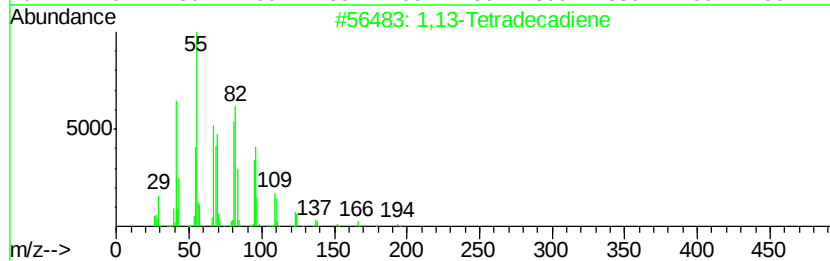
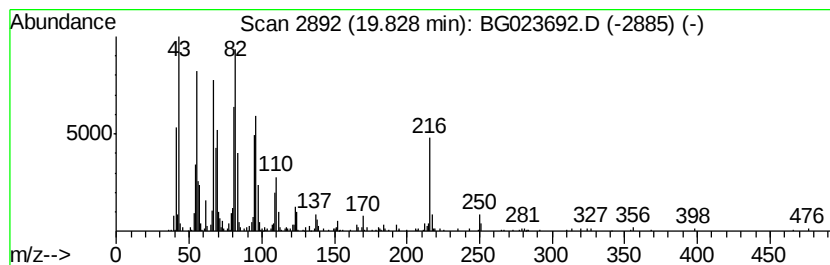
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 (DEL) Alkane: Branched19.83 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.83	2.54 ng/ul	303507	Chrysene-d12	21.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,13-Tetradecadiene	194	C14H26	021964-49-8	91
2		1,13-Tetradecadiene	194	C14H26	021964-49-8	89
3		Z-10-Octadecen-1-ol acetate	310	C20H38O2	1000131-07-2	87
4		Cyclopentadecanol	226	C15H30O	004727-17-7	87
5		Oleyl alcohol , acetate	310	C20H38O2	1000352-67-9	87



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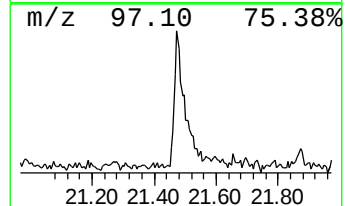
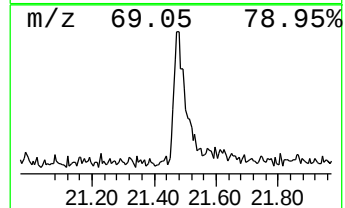
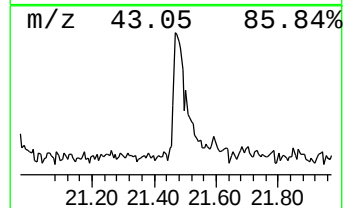
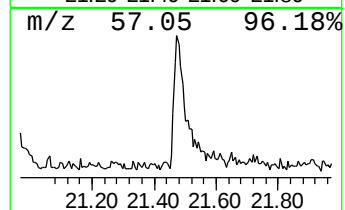
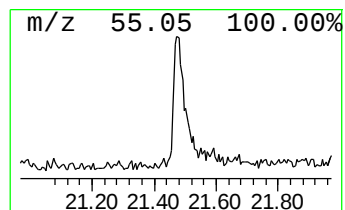
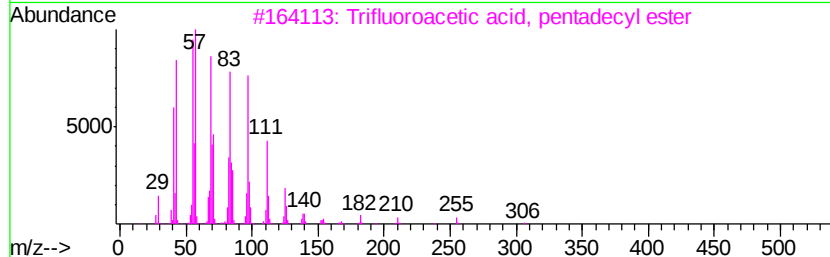
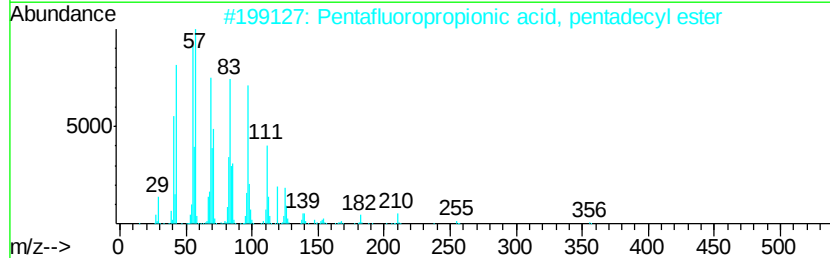
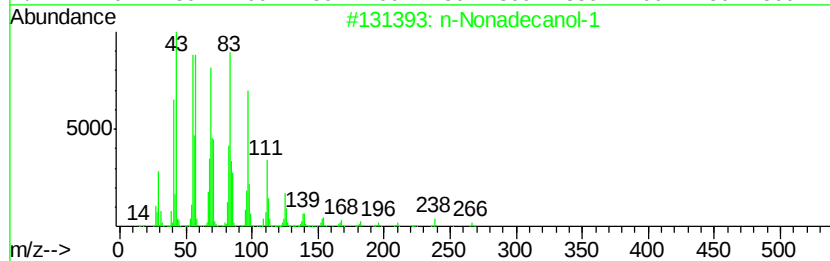
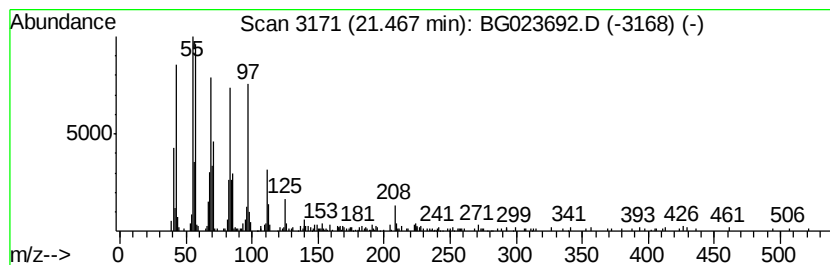
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Peak Number 3 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	3.40 ng/ul	405647	Chrysene-d12	21.88
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	91
2	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	91
3	Trifluoroacetic acid, pentadecyl...	324 C17H31F3O2	959010-23-2	91
4	Heptafluorobutyric acid, pentade...	424 C19H31F7O2	959261-23-5	91
5	1-Heneicosanol	312 C21H44O	015594-90-8	81



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081316\
Data File : BG023692.D
Acq On : 13 Aug 2016 17:11
Operator : UM/SJ
Sample : H4388-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-3642-01

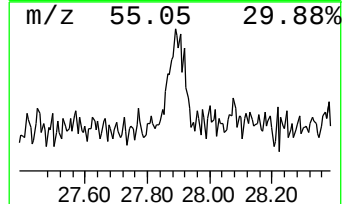
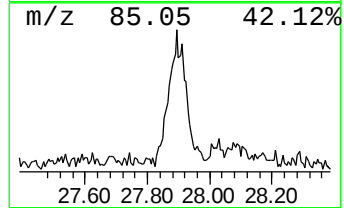
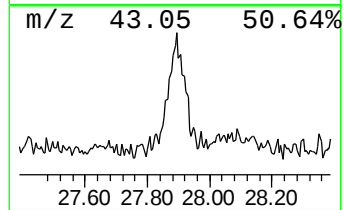
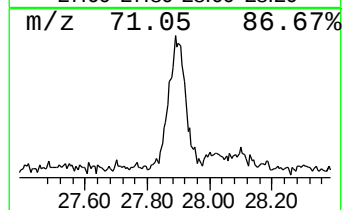
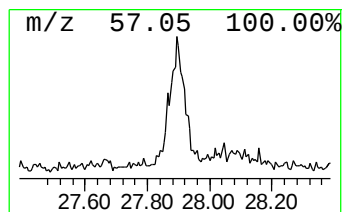
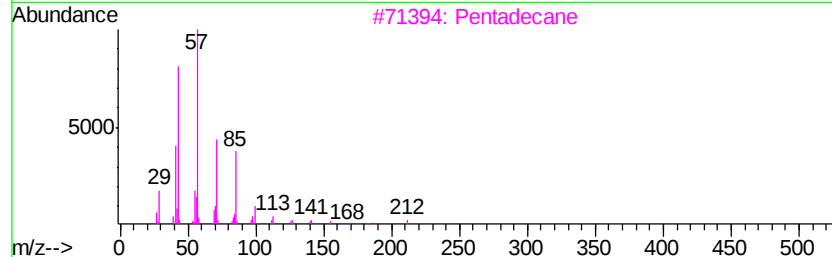
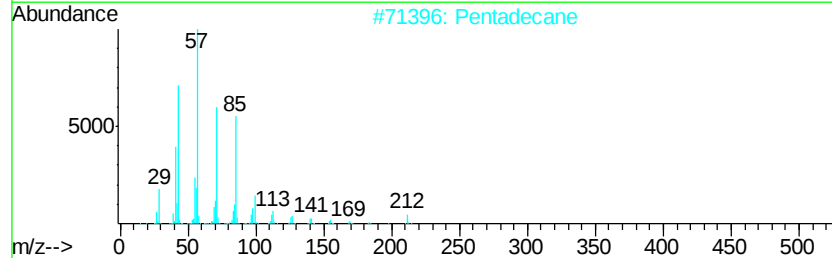
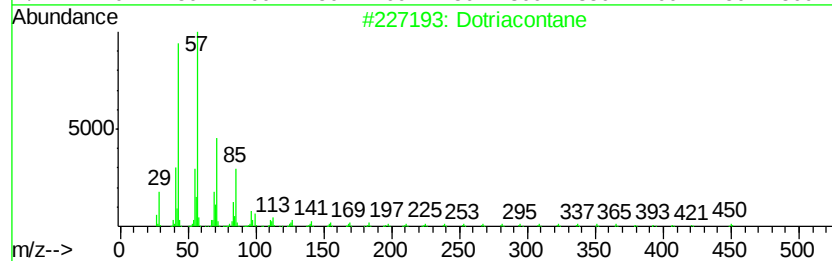
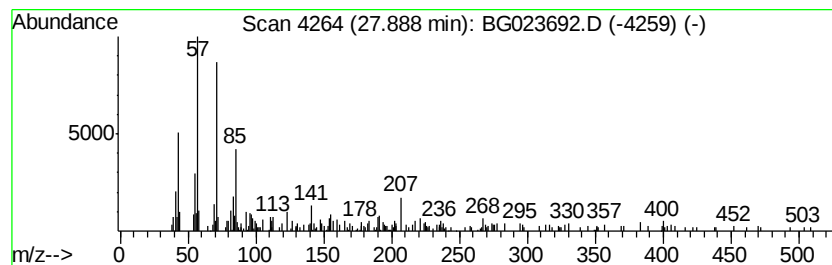
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.89	2.00 ng/ul	239915	Perylene-d12	25.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	81
2		Pentadecane	212	C15H32	000629-62-9	81
3		Pentadecane	212	C15H32	000629-62-9	81
4		Dodecane	170	C12H26	000112-40-3	74
5		Eicosane, 3-methyl-	296	C21H44	006418-46-8	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081316\
Data File : BG023692.D
Acq On : 13 Aug 2016 17:11
Operator : UM/SJ
Sample : H4388-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR002-SS003-3642-01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.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	18.42	4.0	ng/ul	424640	4	17.55	2109450	20.0
(DEL) Alkane: Bra...	19.83	2.5	ng/ul	303507	5	21.88	2388800	20.0
n-Nonadecanol-1	21.47	3.4	ng/ul	405647	5	21.88	2388800	20.0
(DEL) Alkane: Str...	27.89	2.0	ng/ul	239915	6	25.28	2394200	20.0