

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023583.D
 Acq On : 10 Aug 2016 8:12
 Operator : UM/SJ
 Sample : H4362-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PR001-SS006-1218-01

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	5.177	394	398	404	rBV2	42489	68856	1.37%	0.113%
2	5.529	455	458	460	rBV4	9730	12758	0.25%	0.021%
3	5.982	533	535	540	rVB5	7073	6548	0.13%	0.011%
4	6.387	601	604	606	rBV4	6736	6166	0.12%	0.010%
5	6.493	620	622	626	rBV5	6449	7454	0.15%	0.012%
6	6.974	701	704	708	rVB4	4148	6816	0.14%	0.011%
7	7.098	722	725	730	rBV6	12946	18059	0.36%	0.030%
8	7.268	747	754	764	rBV	618589	1162038	23.06%	1.901%
9	7.362	768	770	773	rVB4	7327	7446	0.15%	0.012%
10	7.427	773	781	791	rBV	487785	814425	16.16%	1.332%
11	7.638	811	817	828	rBV	596838	1035301	20.54%	1.694%
12	7.932	866	867	870	rBV2	6656	7293	0.14%	0.012%
13	8.108	890	897	904	rBV	633895	1105477	21.94%	1.809%
14	8.378	942	943	946	rVB2	8718	7303	0.14%	0.012%
15	8.825	1011	1019	1035	rBV	733867	1299306	25.78%	2.126%
16	9.289	1090	1098	1110	rBV	589729	1079222	21.41%	1.766%
17	9.400	1112	1117	1119	rBV3	32460	46216	0.92%	0.076%
18	9.671	1160	1163	1169	rVB8	8766	14160	0.28%	0.023%
19	9.776	1178	1181	1184	rBV5	5558	6997	0.14%	0.011%
20	9.841	1190	1192	1195	rBV3	6123	7677	0.15%	0.013%
21	10.017	1214	1222	1232	rBV	545945	967204	19.19%	1.582%
22	10.252	1260	1262	1266	rVB4	8442	10406	0.21%	0.017%
23	10.569	1308	1316	1329	rBV	767257	1481259	29.39%	2.423%
24	10.945	1373	1380	1391	rBV	983144	1816058	36.04%	2.971%
25	11.086	1397	1404	1415	rBV	613507	1181516	23.44%	1.933%
26	11.462	1466	1468	1473	rBV5	6201	9247	0.18%	0.015%
27	11.521	1476	1478	1482	rVB5	7634	8706	0.17%	0.014%
28	11.615	1490	1494	1498	rBV5	4727	10096	0.20%	0.017%
29	11.768	1516	1520	1525	rVB7	7444	14154	0.28%	0.023%
30	11.879	1536	1539	1543	rBV5	5181	6782	0.13%	0.011%
31	12.144	1581	1584	1585	rBV2	5745	6519	0.13%	0.011%
32	12.297	1608	1610	1613	rBV2	5391	6300	0.13%	0.010%
33	12.361	1617	1621	1623	rBV4	7235	9266	0.18%	0.015%
34	12.461	1634	1638	1644	rVB5	41368	63000	1.25%	0.103%

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35	12.537	1644	1651	1659	rVB6	16113	35224	0.70%	0.058%
36	13.119	1746	1750	1751	rBV3	9740	10736	0.21%	0.018%
37	13.377	1786	1794	1796	rBV7	15156	27362	0.54%	0.045%
38	13.565	1825	1826	1828	rBV2	7838	7488	0.15%	0.012%
39	13.659	1836	1842	1848	rVB5	34207	59537	1.18%	0.097%
40	14.018	1900	1903	1906	rBV5	7863	12065	0.24%	0.020%
41	14.100	1914	1917	1921	rBV6	9205	12593	0.25%	0.021%
42	14.176	1923	1930	1934	rVV	1635756	2419384	48.01%	3.958%
43	14.223	1934	1938	1944	rVB	1270871	1878210	37.27%	3.073%
44	14.476	1973	1981	1990	rBV	1680656	2808503	55.73%	4.595%
45	14.652	2007	2011	2016	rVB4	35525	51877	1.03%	0.085%
46	14.729	2019	2024	2026	rBV6	11560	17179	0.34%	0.028%
47	14.781	2027	2033	2042	rVB2	1612873	2841512	56.38%	4.649%
48	14.917	2053	2056	2059	rBV5	5616	7847	0.16%	0.013%
49	14.999	2064	2070	2083	rBV	600496	1246183	24.73%	2.039%
50	15.269	2112	2116	2119	rBV5	11163	15131	0.30%	0.025%
51	15.345	2127	2129	2131	rVB3	9141	7727	0.15%	0.013%
52	15.522	2153	2159	2163	rBV2	68135	101944	2.02%	0.167%
53	15.563	2163	2166	2169	rVV2	21511	33458	0.66%	0.055%
54	15.610	2169	2174	2178	rVB	66794	95062	1.89%	0.156%
55	15.651	2178	2181	2184	rBV4	6646	9682	0.19%	0.016%
56	15.727	2190	2194	2195	rBV4	12558	13798	0.27%	0.023%
57	15.780	2196	2203	2210	rVB	2468711	3762322	74.66%	6.155%
58	15.903	2217	2224	2236	rBV	884181	1368786	27.16%	2.239%
59	16.021	2239	2244	2247	rVB6	44937	72623	1.44%	0.119%
60	16.232	2278	2280	2282	rVB2	13245	9961	0.20%	0.016%
61	16.473	2317	2321	2324	rBV	88645	109433	2.17%	0.179%
62	16.532	2329	2331	2334	rVV3	12873	9385	0.19%	0.015%
63	16.561	2334	2336	2341	rVB6	10427	14059	0.28%	0.023%
64	16.738	2365	2366	2372	rVB6	14966	16193	0.32%	0.026%
65	16.820	2376	2380	2381	rBV4	14294	18438	0.37%	0.030%
66	16.984	2406	2408	2415	rVB8	27268	36359	0.72%	0.059%
67	17.037	2415	2417	2418	rBV2	12939	7799	0.15%	0.013%
68	17.272	2453	2457	2462	rBV2	66215	79926	1.59%	0.131%
69	17.331	2463	2467	2471	rVB4	21805	38292	0.76%	0.063%
70	17.413	2478	2481	2490	rBV5	45940	72686	1.44%	0.119%
71	17.484	2490	2493	2496	rBV4	26744	34069	0.68%	0.056%

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72	17.548	2498	2504	2510	rBV2	2356558	3823493	75.87%	6.255%
73	17.648	2515	2521	2533	rVB	2670721	4225008	83.84%	6.912%
74	18.018	2580	2584	2587	rBV4	32335	46963	0.93%	0.077%
75	18.306	2626	2633	2636	rBV8	99656	242371	4.81%	0.397%
76	18.424	2648	2653	2657	rBV	569440	915410	18.16%	1.498%
77	19.604	2850	2854	2859	rVB2	212533	315711	6.26%	0.517%
78	19.692	2865	2869	2876	rBV2	189291	294303	5.84%	0.481%
79	19.939	2905	2911	2924	rVB	3164542	5039567	100.00%	8.245%
80	21.472	3168	3172	3185	rVB3	270283	587297	11.65%	0.961%
81	21.872	3233	3240	3246	rBV	2346798	4009664	79.56%	6.560%
82	22.677	3373	3377	3379	rBV2	141443	209455	4.16%	0.343%
83	24.257	3639	3646	3655	rVB	940976	2127369	42.21%	3.480%
84	25.032	3770	3778	3795	rVB2	1366831	4056044	80.48%	6.636%
85	25.273	3809	3819	3831	rVB	1323558	3975061	78.88%	6.503%
86	26.460	4013	4021	4033	rVB3	505439	1583091	31.41%	2.590%

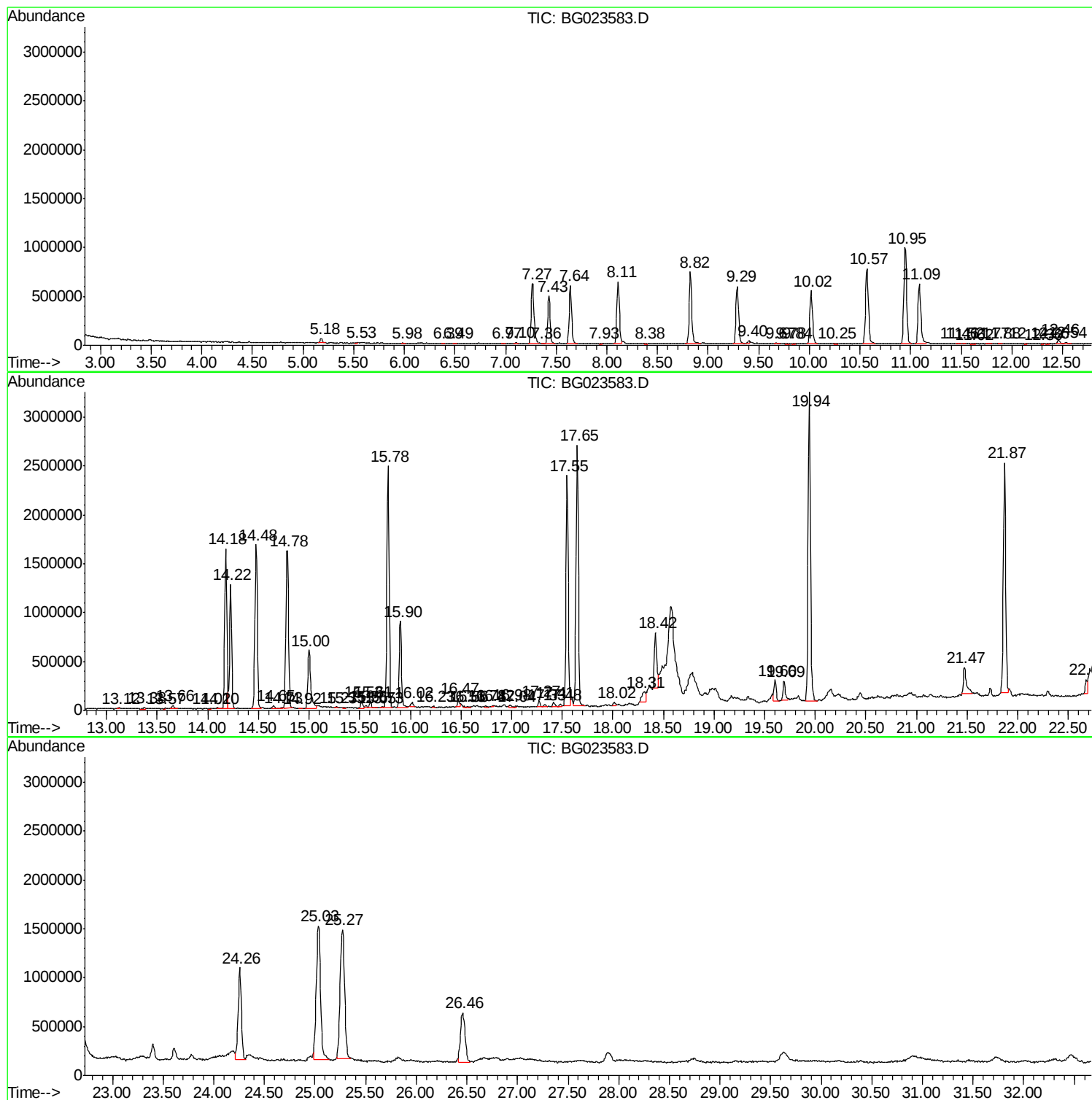
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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



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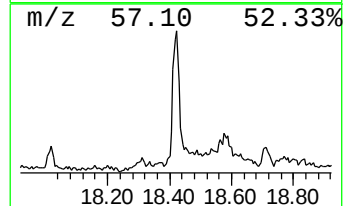
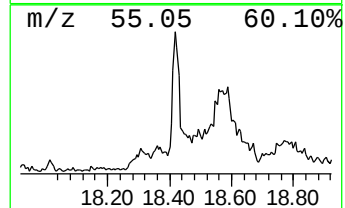
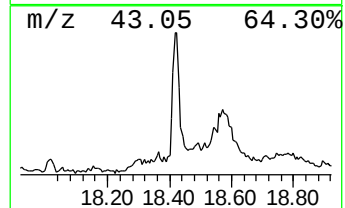
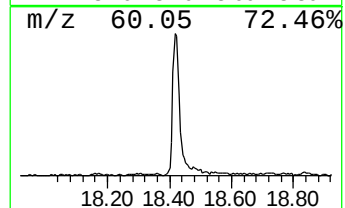
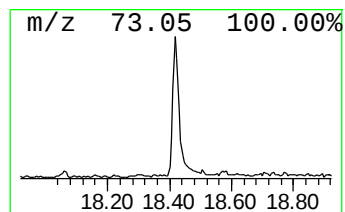
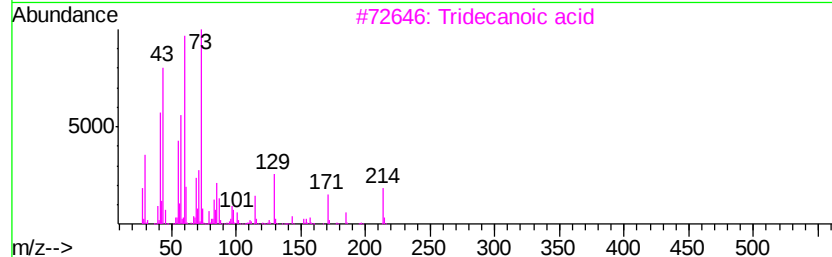
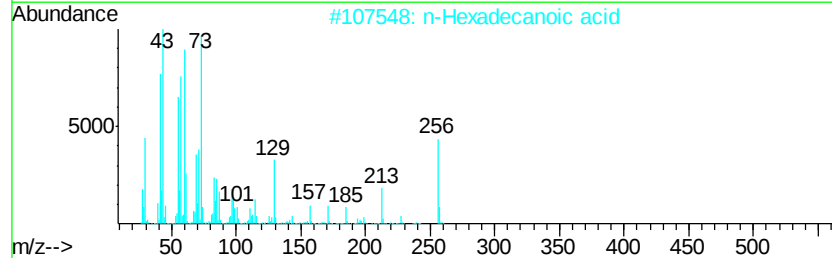
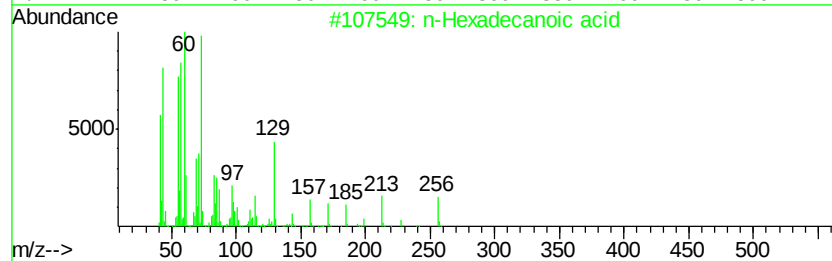
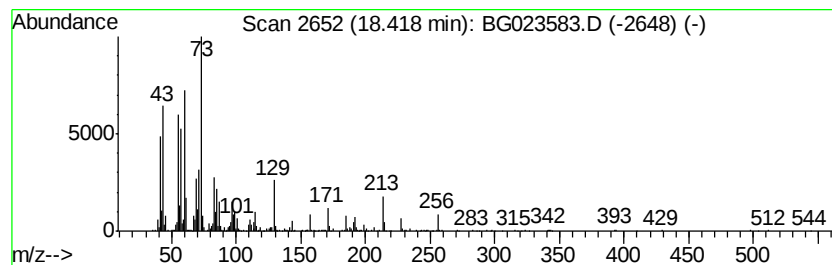
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.42	4.79 ng/ul	915410	Phenanthrene-d10	17.55		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	87	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	



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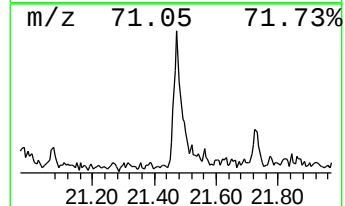
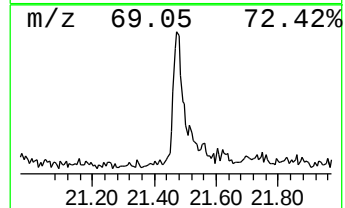
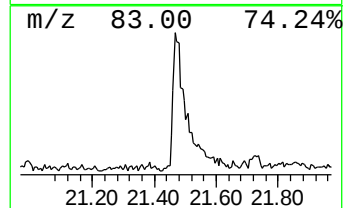
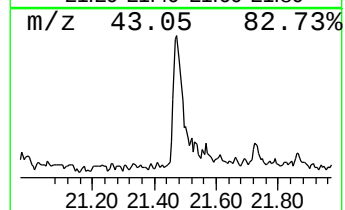
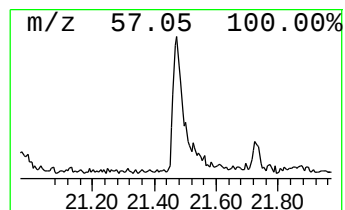
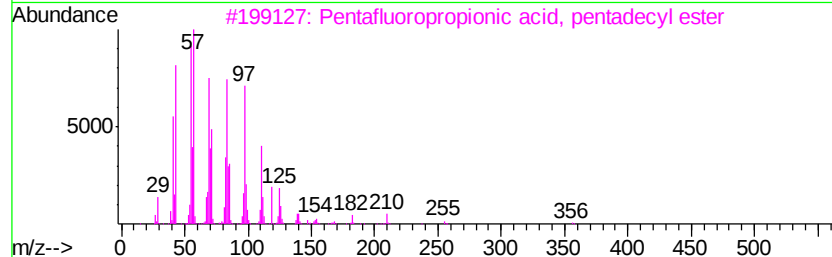
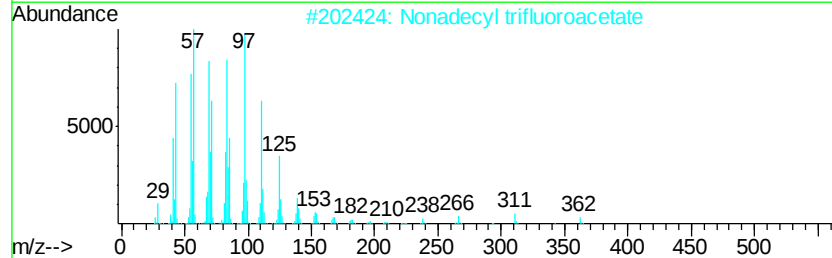
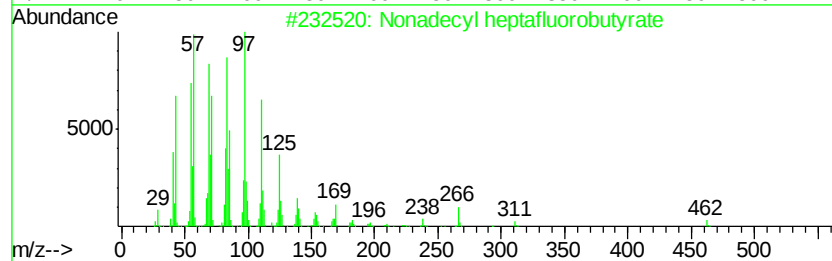
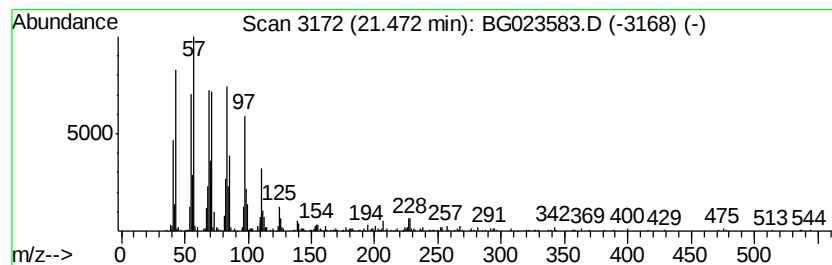
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Nonadecyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.93 ng/ul	587297	Chrysene-d12	21.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	90
2		Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
4		Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90



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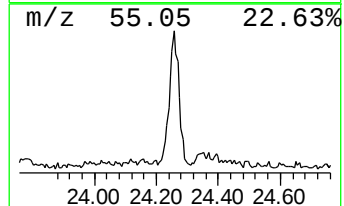
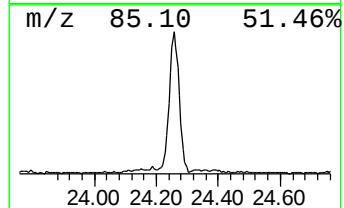
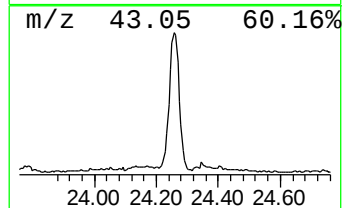
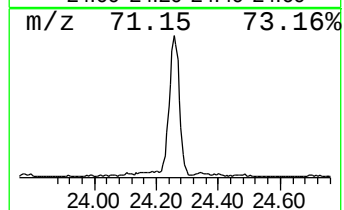
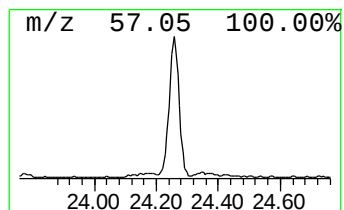
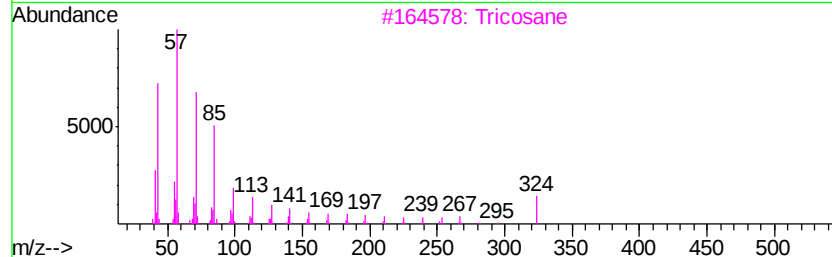
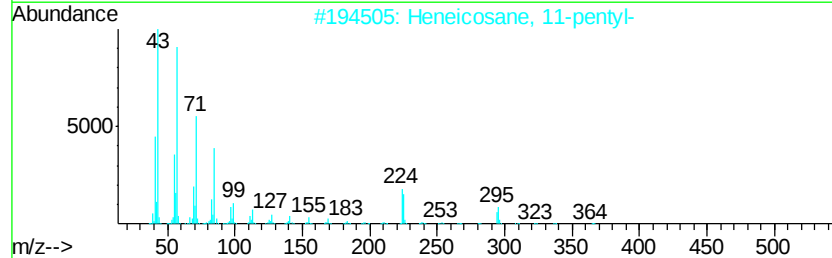
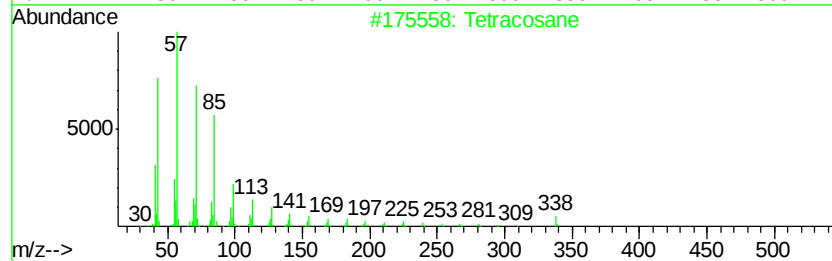
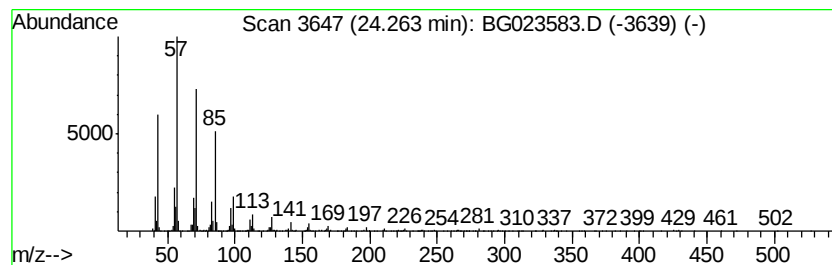
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

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24.26	10.70 ng/ul	2127370	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
3		Tricosane	324	C23H48	000638-67-5	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



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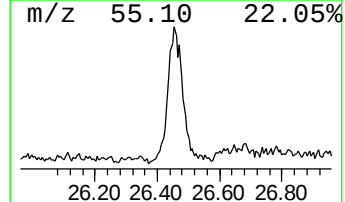
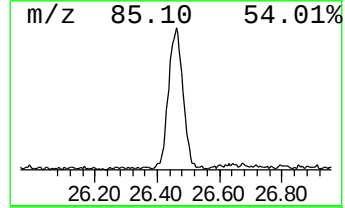
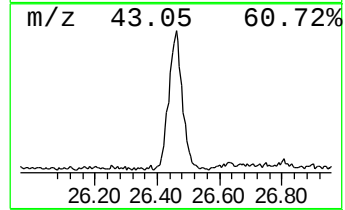
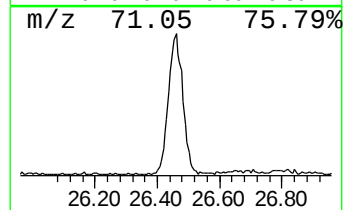
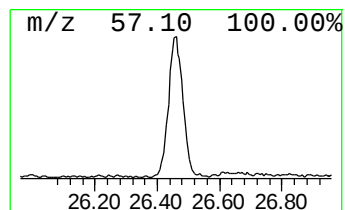
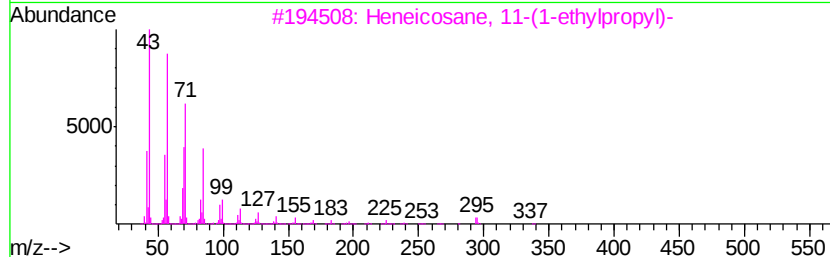
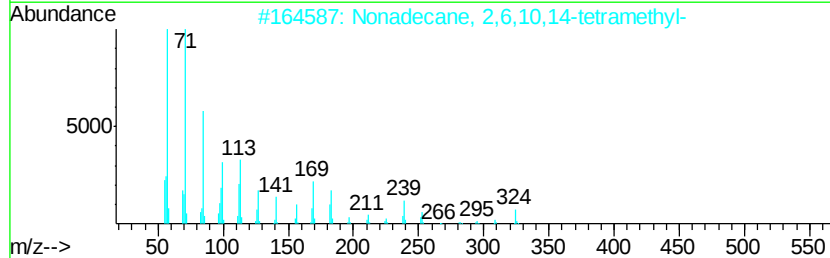
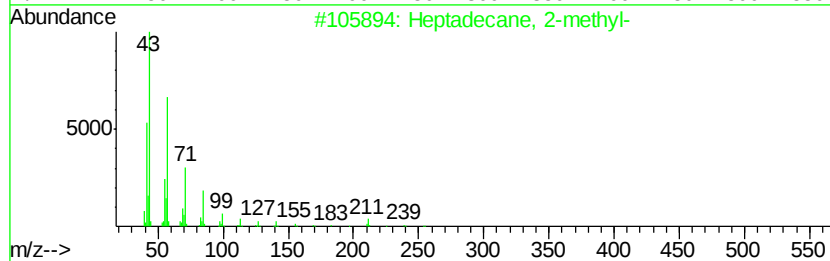
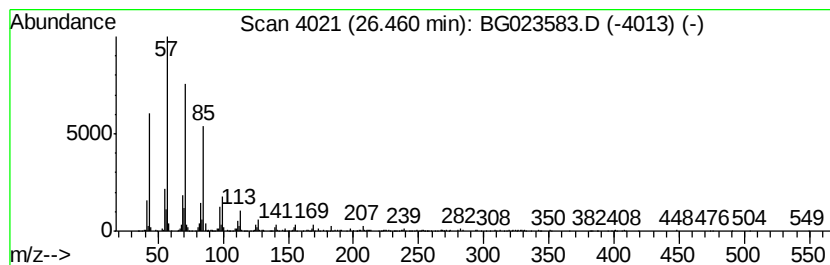
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.46	7.97 ng/ul	1583090	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	94
2		Nonadecane, 2,6,10,14-tetramethyl-	324	C23H48	055124-80-6	83
3		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	72
4		Heneicosane	296	C21H44	000629-94-7	62
5		Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
Data File : BG023583.D
Acq On : 10 Aug 2016 8:12
Operator : UM/SJ
Sample : H4362-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PR001-SS006-1218-01

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	4.8	ng/ul	915410	4	17.55	3823490	20.0
Nonadecyl heptafl...	21.47	2.9	ng/ul	587297	5	21.87	4009660	20.0
(DEL) Alkane: Str...	24.26	10.7	ng/ul	2127370	6	25.27	3975060	20.0
(DEL) Alkane: Str...	26.46	8.0	ng/ul	1583090	6	25.27	3975060	20.0