

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
 Data File : BG022767.D
 Acq On : 1 Jul 2016 21:05
 Operator : UM/SJ
 Sample : H3811-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW1

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-BG063016.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	4.309	246	250	253	rBV5	7349	11884	0.29%	0.022%
2	4.433	270	271	275	rBV4	6673	7081	0.17%	0.013%
3	4.468	275	277	281	rVV4	6645	8241	0.20%	0.015%
4	4.727	318	321	322	rBV3	8300	7190	0.17%	0.013%
5	5.085	379	382	383	rBV3	7553	7679	0.18%	0.014%
6	5.485	446	450	451	rBV4	5637	7720	0.19%	0.014%
7	6.207	570	573	574	rBV2	10853	9391	0.23%	0.017%
8	6.219	574	575	580	rVB4	11101	12052	0.29%	0.022%
9	6.713	654	659	661	rBV3	5427	6823	0.16%	0.013%
10	6.789	669	672	673	rVB3	9862	7656	0.18%	0.014%
11	6.971	700	703	705	rBV2	6386	6975	0.17%	0.013%
12	7.312	754	761	773	rVV	561219	1099359	26.38%	2.044%
13	7.476	783	789	797	rBV	392564	688042	16.51%	1.279%
14	7.612	810	812	816	rVB3	7419	9703	0.23%	0.018%
15	7.688	818	825	834	rBV	528687	961194	23.07%	1.787%
16	7.841	847	851	856	rVB6	4084	7976	0.19%	0.015%
17	8.164	899	906	916	rBV	512821	964592	23.15%	1.793%
18	8.399	939	946	950	rBV8	9729	19792	0.47%	0.037%
19	8.863	1016	1025	1037	rBV	731662	1331940	31.96%	2.477%
20	8.986	1045	1046	1050	rVB4	7412	7674	0.18%	0.014%
21	9.333	1097	1105	1114	rBV2	544550	1027025	24.65%	1.910%
22	9.427	1118	1121	1124	rVB5	9876	11498	0.28%	0.021%
23	9.545	1139	1141	1145	rVB4	10698	9570	0.23%	0.018%
24	9.586	1145	1148	1150	rBV3	7096	8435	0.20%	0.016%
25	9.721	1165	1171	1176	rBV5	16513	32160	0.77%	0.060%
26	9.926	1204	1206	1210	rBV3	8293	10700	0.26%	0.020%
27	10.056	1222	1228	1235	rBV	497453	913957	21.93%	1.699%
28	10.191	1247	1251	1258	rBV6	11308	17970	0.43%	0.033%
29	10.438	1289	1293	1296	rVB4	5710	6908	0.17%	0.013%
30	10.602	1314	1321	1331	rBV	765826	1424369	34.18%	2.648%
31	10.749	1342	1346	1353	rVB9	8154	16343	0.39%	0.030%
32	10.990	1377	1387	1397	rBV	791846	1458358	35.00%	2.712%
33	11.119	1401	1409	1420	rBV2	537886	1020911	24.50%	1.898%
34	11.243	1429	1430	1434	rBV4	6459	7674	0.18%	0.014%

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35	11.566	1480	1485	1487	rBV3	6192	10382	0.25%	0.019%
36	11.754	1513	1517	1519	rVV5	5610	8505	0.20%	0.016%
37	11.824	1527	1529	1532	rVB2	7408	7403	0.18%	0.014%
38	11.859	1532	1535	1536	rBV3	6446	6856	0.16%	0.013%
39	12.518	1642	1647	1648	rBV5	5767	7564	0.18%	0.014%
40	12.553	1651	1653	1660	rVB5	17705	28785	0.69%	0.054%
41	12.664	1667	1672	1676	rBV5	16001	27373	0.66%	0.051%
42	12.941	1717	1719	1723	rBV4	6422	7803	0.19%	0.015%
43	13.070	1738	1741	1744	rVB5	8223	8455	0.20%	0.016%
44	13.152	1753	1755	1760	rVB6	9988	8810	0.21%	0.016%
45	13.405	1794	1798	1803	rVB5	13189	18712	0.45%	0.035%
46	13.452	1803	1806	1808	rBV3	5510	6788	0.16%	0.013%
47	13.587	1826	1829	1831	rBV3	11003	12916	0.31%	0.024%
48	13.681	1840	1845	1849	rBV7	13334	24064	0.58%	0.045%
49	13.716	1849	1851	1855	rVB4	15502	16710	0.40%	0.031%
50	13.810	1864	1867	1868	rBV3	6469	6639	0.16%	0.012%
51	13.834	1868	1871	1875	rVV5	6713	9126	0.22%	0.017%
52	14.198	1926	1933	1937	rBV	1488123	2261984	54.28%	4.206%
53	14.245	1937	1941	1948	rVV	442099	638158	15.31%	1.187%
54	14.315	1950	1953	1959	rVB8	11320	16034	0.38%	0.030%
55	14.415	1968	1970	1972	rBV3	5543	6875	0.16%	0.013%
56	14.498	1977	1984	1991	rVV	1530756	2469442	59.26%	4.592%
57	14.674	2009	2014	2020	rVB6	23902	37250	0.89%	0.069%
58	14.803	2029	2036	2044	rVB2	1440887	2304817	55.31%	4.285%
59	14.997	2060	2069	2080	rBV	663803	1175847	28.22%	2.186%
60	15.208	2100	2105	2110	rVB7	18000	38189	0.92%	0.071%
61	15.303	2119	2121	2123	rBV3	9060	9479	0.23%	0.018%
62	15.355	2128	2130	2136	rVB5	11377	12740	0.31%	0.024%
63	15.532	2156	2160	2165	rBV4	20692	28867	0.69%	0.054%
64	15.579	2165	2168	2169	rVV3	12270	11922	0.29%	0.022%
65	15.626	2172	2176	2183	rVB4	36062	50673	1.22%	0.094%
66	15.796	2196	2205	2212	rBV	2115410	3415043	81.95%	6.350%
67	15.902	2217	2223	2230	rBV	733788	1129712	27.11%	2.101%
68	16.031	2239	2245	2250	rVB5	40974	63695	1.53%	0.118%
69	16.119	2258	2260	2263	rBV4	9296	8770	0.21%	0.016%
70	16.348	2294	2299	2302	rBV6	12241	16228	0.39%	0.030%
71	16.378	2302	2304	2305	rBV2	9701	6856	0.16%	0.013%

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72	16.483	2319	2322	2325	rBV3	38620	51422	1.23%	0.096%
73	16.607	2341	2343	2344	rBV2	7290	7319	0.18%	0.014%
74	16.677	2351	2355	2359	rBV5	26874	40759	0.98%	0.076%
75	16.836	2380	2382	2385	rVB3	18116	14037	0.34%	0.026%
76	16.924	2394	2397	2401	rBV6	22913	30098	0.72%	0.056%
77	17.000	2407	2410	2415	rVB7	24416	36314	0.87%	0.068%
78	17.283	2454	2458	2461	rVB	100793	110259	2.65%	0.205%
79	17.441	2478	2485	2487	rBV6	48332	85272	2.05%	0.159%
80	17.553	2498	2504	2510	rBV2	1862846	2961632	71.07%	5.507%
81	17.653	2515	2521	2527	rVB2	2251863	3389845	81.35%	6.303%
82	17.817	2547	2549	2552	rBV4	26891	28858	0.69%	0.054%
83	17.911	2559	2565	2571	rBV8	55568	112665	2.70%	0.209%
84	18.023	2581	2584	2591	rVB2	58601	69518	1.67%	0.129%
85	18.299	2625	2631	2635	rBV9	54541	92705	2.22%	0.172%
86	18.422	2647	2652	2658	rBV2	491239	685064	16.44%	1.274%
87	19.274	2793	2797	2804	rBV3	122580	222536	5.34%	0.414%
88	19.333	2804	2807	2815	rVB4	68507	118448	2.84%	0.220%
89	19.568	2844	2847	2849	rBV3	63552	67649	1.62%	0.126%
90	19.686	2863	2867	2874	rBV2	188643	258183	6.20%	0.480%
91	19.932	2903	2909	2919	rVB	2789697	4167138	100.00%	7.748%
92	21.460	3165	3169	3183	rVB3	528112	949064	22.77%	1.765%
93	21.718	3209	3213	3218	rVB2	160400	223496	5.36%	0.416%
94	21.854	3229	3236	3242	rBV2	1985420	3469992	83.27%	6.452%
95	22.664	3370	3374	3375	rBV	198631	228012	5.47%	0.424%
96	23.599	3528	3533	3543	rVB3	226264	464762	11.15%	0.864%
97	24.239	3635	3642	3649	rVB3	551154	1225424	29.41%	2.278%
98	24.991	3761	3770	3780	rVB2	1225890	3620571	86.88%	6.732%
99	25.226	3801	3810	3822	rVB2	1228497	3649341	87.57%	6.785%
100	26.419	4006	4013	4027	rVB3	730182	2334170	56.01%	4.340%

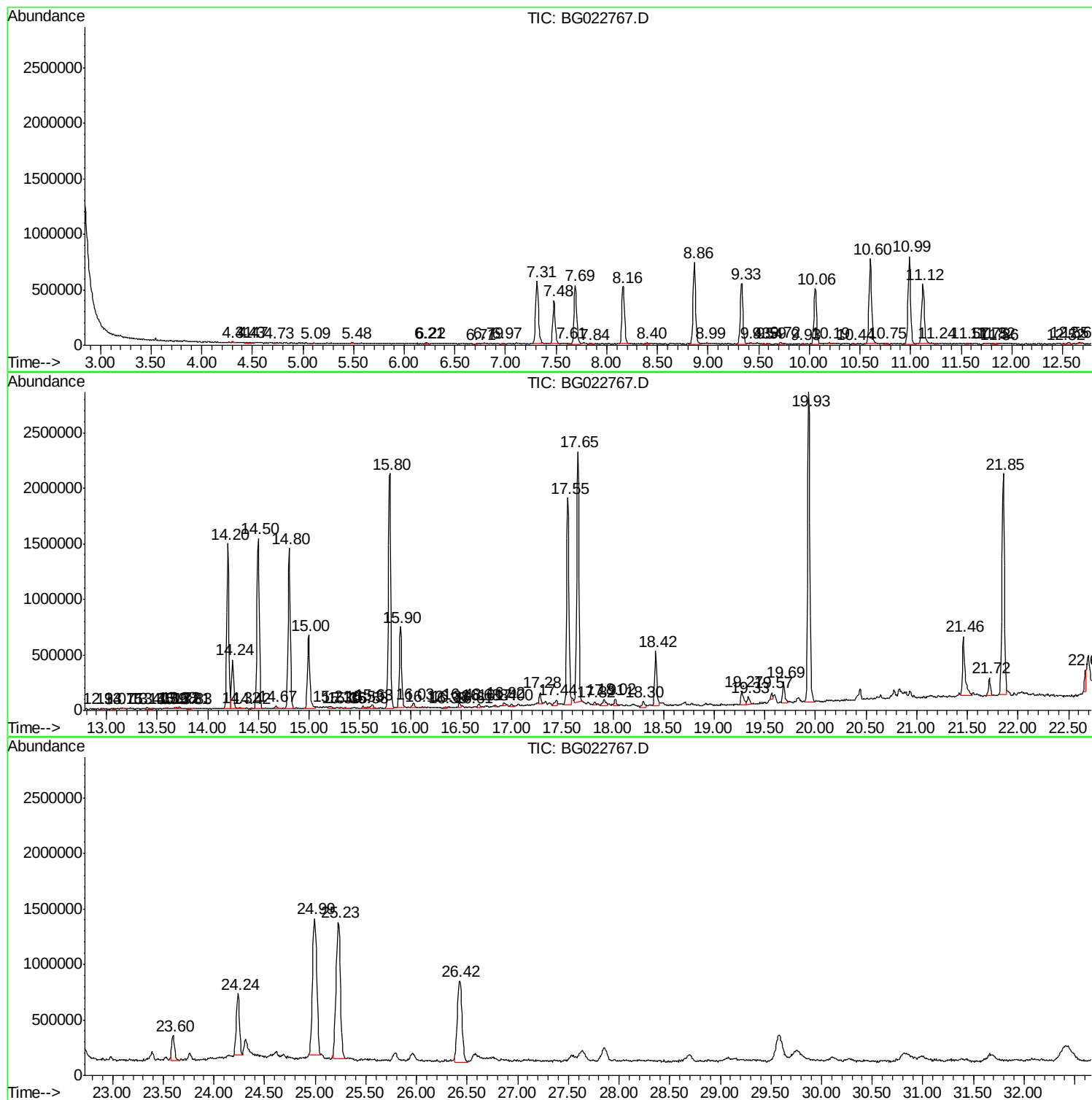
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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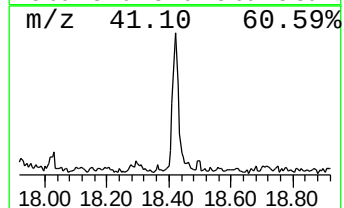
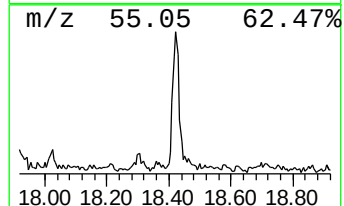
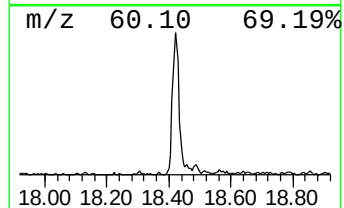
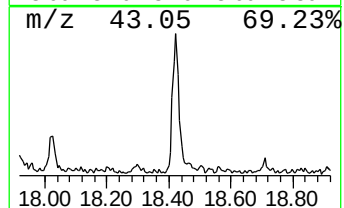
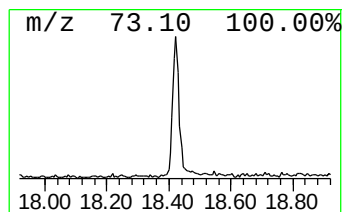
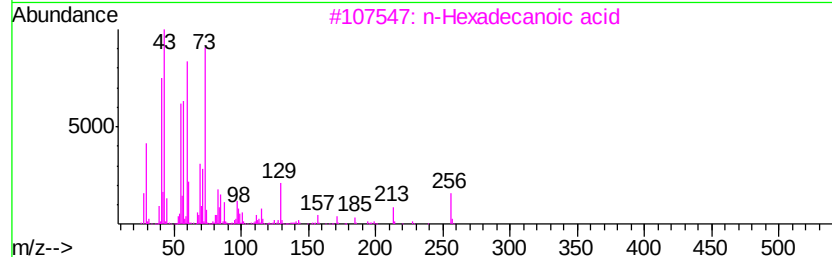
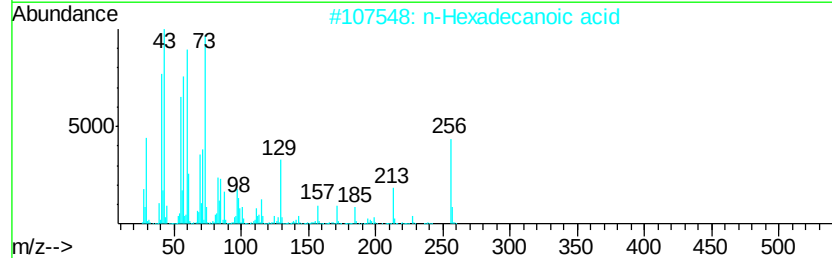
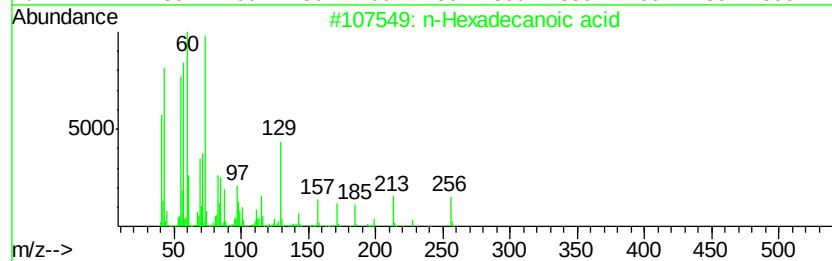
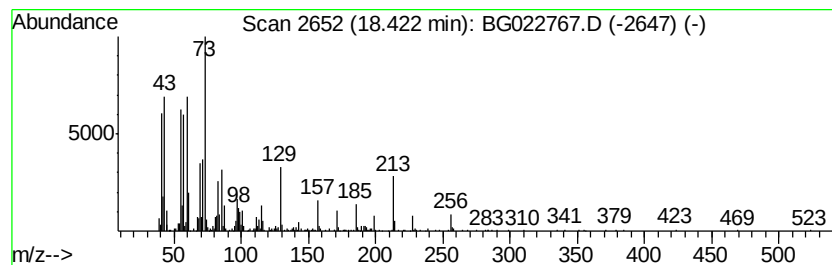
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	4.63 ng/ul	685064	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	68



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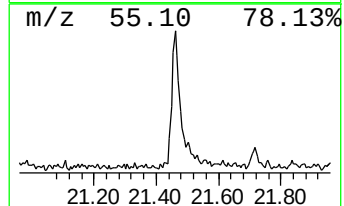
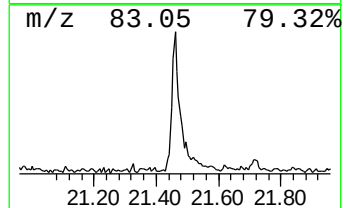
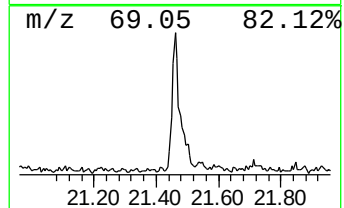
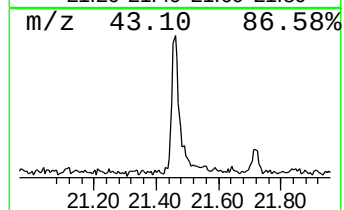
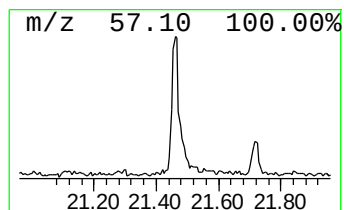
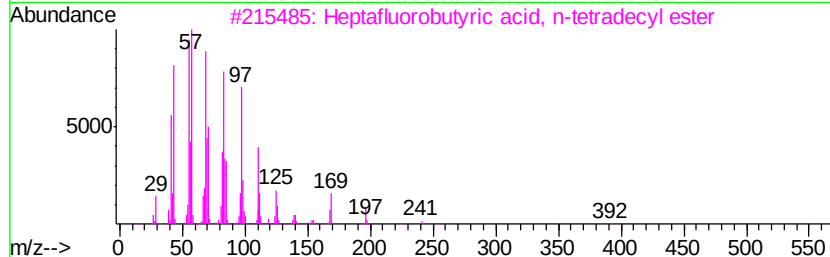
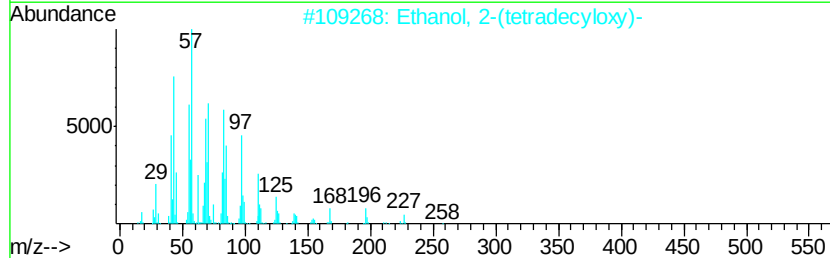
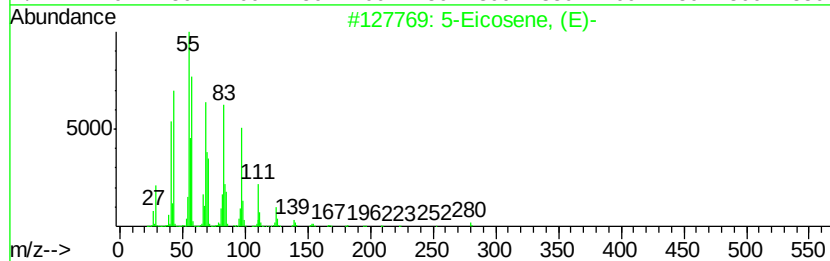
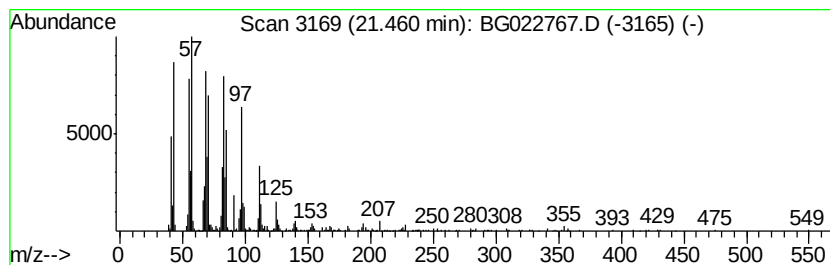
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	5.47 ng/ul	949064	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Eicosene, (E)-	280 C20H40	074685-30-6	78
2	Ethanol, 2-(tetradecyloxy)-	258 C16H34O2	002136-70-1	76
3	Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8	76
4	1-Docosene	308 C22H44	001599-67-3	70
5	1-Hexadecanol, 2-methyl-	256 C17H36O	002490-48-4	70



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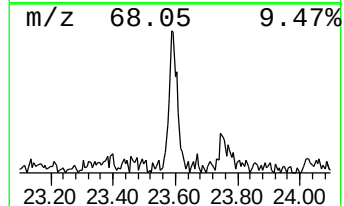
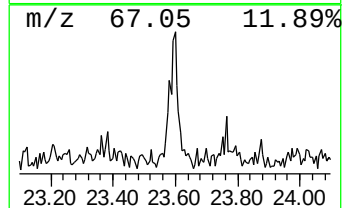
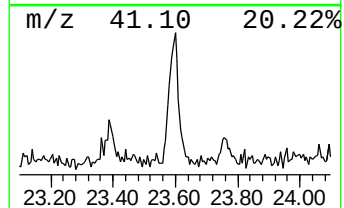
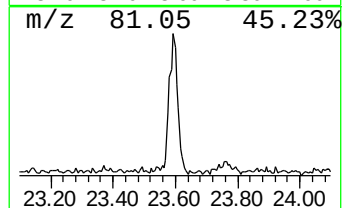
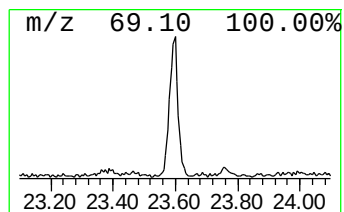
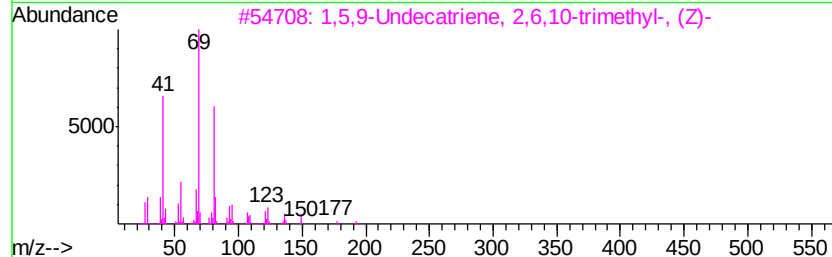
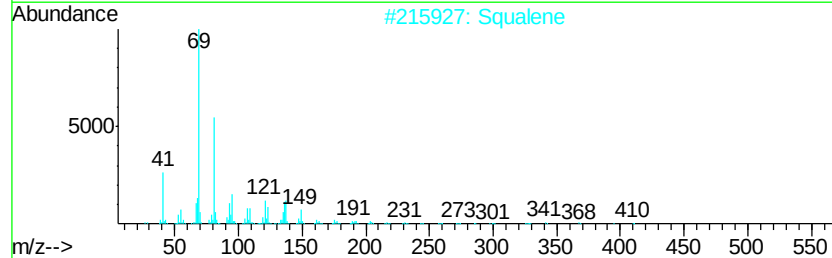
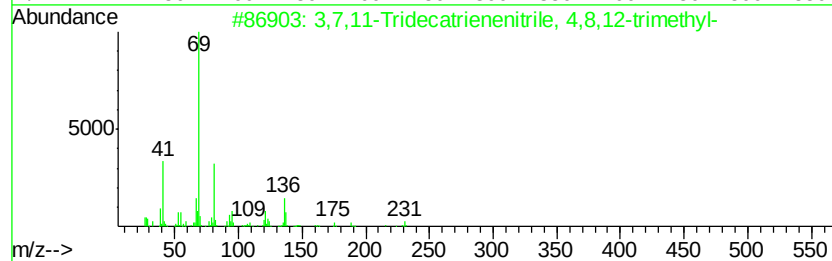
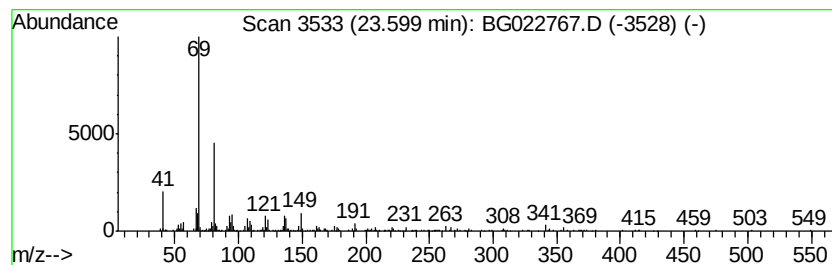
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 3,7,11-Tridecatrienitrile... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	2.55 ng/ul	464762	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,7,11-Tridecatrienitrile, 4,8...	231	C16H25N	006006-01-5	70
2		Squalene	410	C30H50	000111-02-4	64
3		1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
4		Squalene	410	C30H50	000111-02-4	59
5		Supraene	410	C30H50	007683-64-9	59



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070116\
Data File : BG022767.D
Acq On : 1 Jul 2016 21:05
Operator : UM/SJ
Sample : H3811-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW1

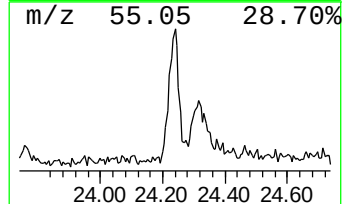
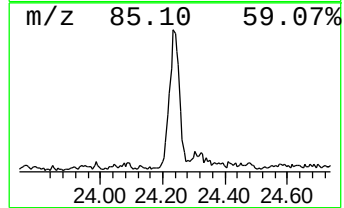
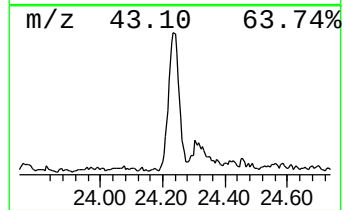
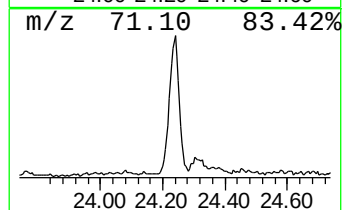
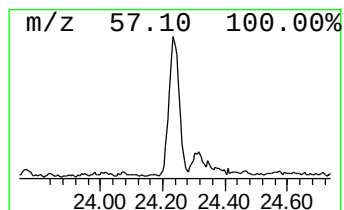
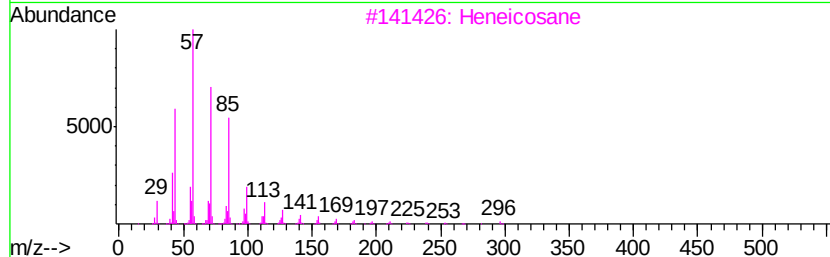
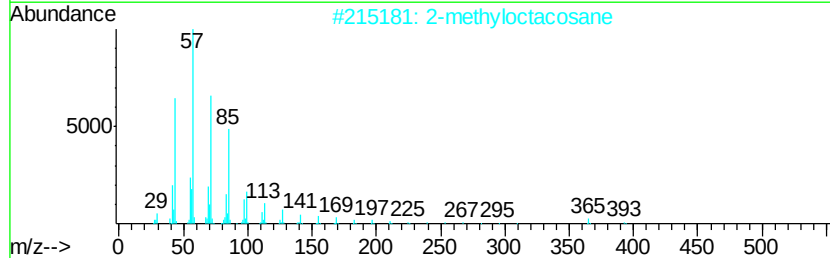
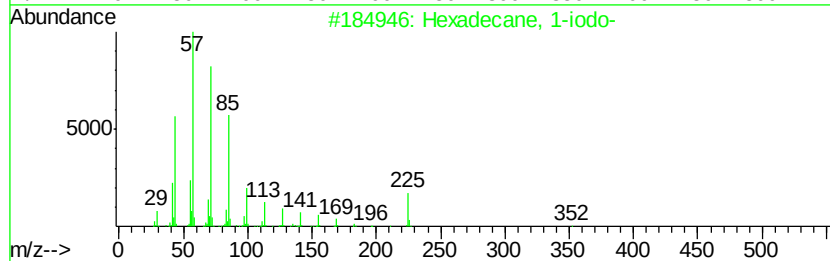
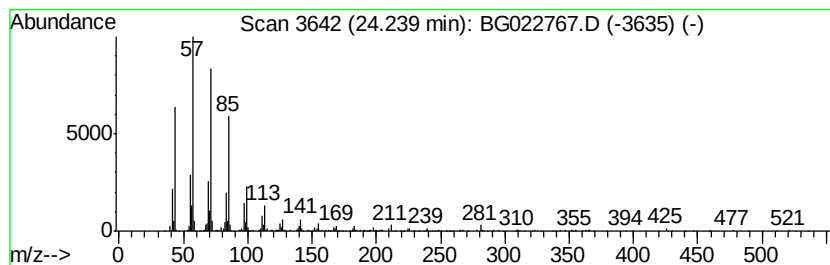
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Quant Title : SVOA CALIBRATION

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.
24.24	6.72 ng/ul	1225420	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	86
3		Heneicosane	296	C21H44	000629-94-7	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80



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Acq On : 1 Jul 2016 21:05
Operator : UM/SJ
Sample : H3811-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW1

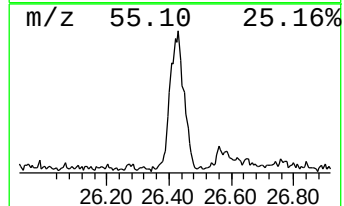
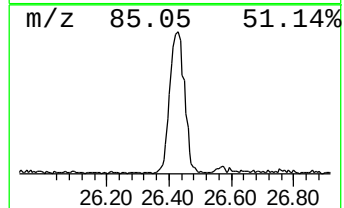
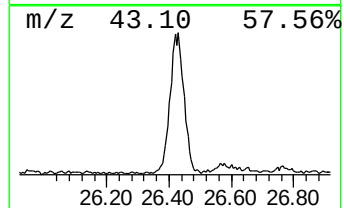
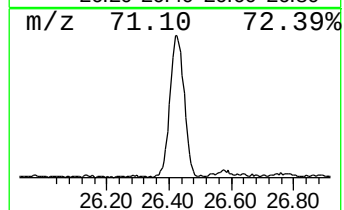
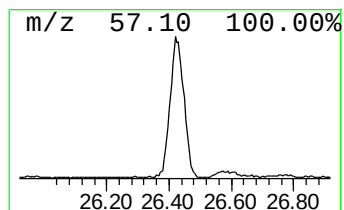
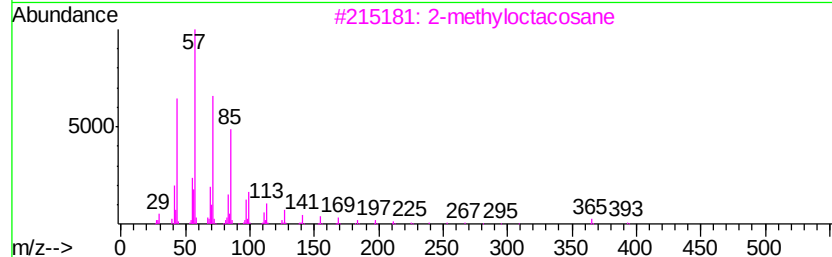
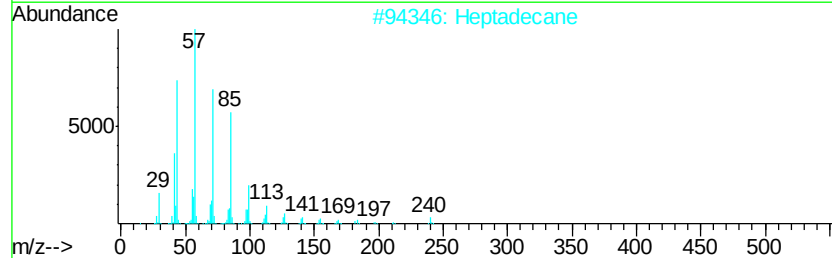
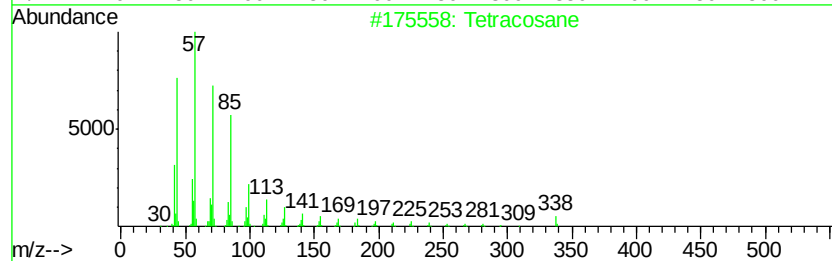
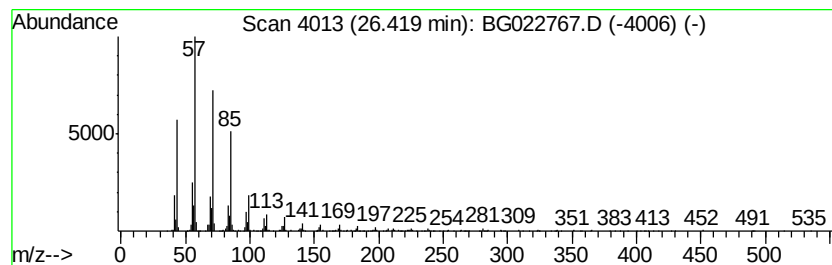
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	12.79 ng/ul	2334170	Perylene-d12	25.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Octacosane	394	C28H58	000630-02-4	90



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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4TW1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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	4.6	ng/ul	685064	4	17.55	2961630	20.0
(DEL) Alkane: Str...	21.46	5.5	ng/ul	949064	5	21.85	3469990	20.0
3,7,11-Tridecatri...	23.60	2.5	ng/ul	464762	6	25.23	3649340	20.0
(DEL) Alkane: Str...	24.24	6.7	ng/ul	1225420	6	25.23	3649340	20.0
(DEL) Alkane: Str...	26.42	12.8	ng/ul	2334170	6	25.23	3649340	20.0