

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026752.D
 Acq On : 28 Apr 2017 18:24
 Operator : SJ/MA
 Sample : I2816-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT20

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\SOM-EPA-BG042717.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	3.130	4	7	9	rVB4	5334	6411	0.16%	0.013%
2	3.430	53	58	69	rVB	37106	66538	1.61%	0.137%
3	3.917	136	141	143	rVB5	3215	5515	0.13%	0.011%
4	4.188	181	187	195	rBV4	6557	15964	0.39%	0.033%
5	4.381	217	220	227	rVB7	4187	7943	0.19%	0.016%
6	4.464	232	234	238	rVB5	4593	5498	0.13%	0.011%
7	4.493	238	239	245	rBV5	3835	6200	0.15%	0.013%
8	6.209	525	531	537	rBV7	4344	7922	0.19%	0.016%
9	6.309	547	548	556	rVB6	3239	6216	0.15%	0.013%
10	7.190	690	698	714	rBV	592786	1131835	27.40%	2.332%
11	7.331	714	722	735	rVV	564236	919496	22.26%	1.895%
12	7.425	735	738	746	rVB6	4885	9910	0.24%	0.020%
13	7.548	752	759	777	rBV	670348	1150221	27.85%	2.370%
14	8.007	829	837	850	rBV	439622	770720	18.66%	1.588%
15	8.248	873	878	882	rVB5	2991	7048	0.17%	0.015%
16	8.723	952	959	982	rBV	836654	1577626	38.20%	3.251%
17	9.164	1025	1034	1052	rBV	620994	1129210	27.34%	2.327%
18	9.323	1058	1061	1072	rVB8	4657	11259	0.27%	0.023%
19	9.593	1101	1107	1113	rVB4	12946	21578	0.52%	0.044%
20	9.887	1150	1157	1173	rBV	539659	982938	23.80%	2.026%
21	9.998	1173	1176	1183	rVB5	3562	5836	0.14%	0.012%
22	10.439	1241	1251	1272	rBV	854268	1597552	38.68%	3.292%
23	10.809	1302	1314	1327	rVB	754776	1362889	33.00%	2.809%
24	10.944	1327	1337	1357	rBV	870436	1697938	41.11%	3.499%
25	12.390	1576	1583	1595	rBV	15079	36066	0.87%	0.074%
26	12.613	1612	1621	1625	rVB6	3571	5710	0.14%	0.012%
27	13.224	1722	1725	1734	rVB6	3074	6816	0.17%	0.014%
28	13.447	1755	1763	1767	rBV5	5776	12017	0.29%	0.025%
29	13.524	1770	1776	1780	rBV7	3571	7769	0.19%	0.016%
30	13.600	1785	1789	1792	rBV4	4950	6759	0.16%	0.014%
31	14.023	1850	1861	1865	rBV	1685112	2469129	59.78%	5.088%
32	14.070	1865	1869	1878	rVV	311180	450912	10.92%	0.929%
33	14.135	1878	1880	1888	rVB8	4045	6833	0.17%	0.014%
34	14.217	1891	1894	1899	rVB6	4931	7801	0.19%	0.016%

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35	14.317	1899	1911	1924	rBV	1985541	3244315	78.55%	6.686%
36	14.399	1924	1925	1936	rVV9	7792	22187	0.54%	0.046%
37	14.511	1936	1944	1949	rVB	34827	53352	1.29%	0.110%
38	14.622	1953	1963	1975	rBV2	1202381	1941136	47.00%	4.000%
39	14.840	1992	2000	2015	rBV	387394	927377	22.45%	1.911%
40	15.004	2025	2028	2033	rVB7	10248	10695	0.26%	0.022%
41	15.063	2034	2038	2043	rVV7	7452	10615	0.26%	0.022%
42	15.122	2043	2048	2055	rVB5	15852	28209	0.68%	0.058%
43	15.192	2055	2060	2066	rVB6	9945	16380	0.40%	0.034%
44	15.351	2081	2087	2089	rBV7	5006	7440	0.18%	0.015%
45	15.404	2093	2096	2100	rBV	15674	22588	0.55%	0.047%
46	15.457	2100	2105	2111	rVB	76713	104533	2.53%	0.215%
47	15.521	2111	2116	2118	rBV5	8768	13249	0.32%	0.027%
48	15.609	2124	2131	2144	rVV	2621455	3948490	95.60%	8.137%
49	15.727	2144	2151	2165	rVV	654497	1005468	24.34%	2.072%
50	15.850	2165	2172	2178	rVV3	54566	117182	2.84%	0.241%
51	15.903	2178	2181	2186	rVV7	10668	16092	0.39%	0.033%
52	15.950	2186	2189	2195	rVB7	11696	17152	0.42%	0.035%
53	16.003	2195	2198	2204	rBV6	10958	18977	0.46%	0.039%
54	16.074	2204	2210	2215	rVB5	13257	19147	0.46%	0.039%
55	16.168	2222	2226	2230	rBV7	3631	6263	0.15%	0.013%
56	16.315	2246	2251	2261	rBV	89897	161059	3.90%	0.332%
57	16.485	2276	2280	2285	rVB8	5907	10907	0.26%	0.022%
58	16.561	2290	2293	2299	rVB6	6076	11062	0.27%	0.023%
59	16.649	2304	2308	2317	rBV8	13066	32063	0.78%	0.066%
60	16.720	2317	2320	2323	rVB5	8261	10180	0.25%	0.021%
61	16.767	2324	2328	2333	rBV7	9511	13687	0.33%	0.028%
62	16.826	2333	2338	2344	rVB6	10175	16912	0.41%	0.035%
63	16.884	2344	2348	2352	rBV7	8229	13514	0.33%	0.028%
64	17.102	2377	2385	2389	rBV	55786	72657	1.76%	0.150%
65	17.155	2389	2394	2406	rVV7	20156	49548	1.20%	0.102%
66	17.260	2406	2412	2414	rVB7	5575	10040	0.24%	0.021%
67	17.354	2420	2428	2436	rBV2	1435562	2082978	50.43%	4.293%
68	17.454	2437	2445	2455	rVB2	2616885	3957996	95.83%	8.157%
69	17.566	2462	2464	2471	rVB8	4298	8509	0.21%	0.018%
70	17.642	2473	2477	2482	rVB8	5502	10313	0.25%	0.021%
71	17.760	2493	2497	2501	rVB6	7095	9934	0.24%	0.020%

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72	17.836	2501	2510	2516	rBV3	16662	32718	0.79%	0.067%
73	18.018	2538	2541	2544	rVB5	3755	5636	0.14%	0.012%
74	18.112	2552	2557	2562	rVB9	4348	8175	0.20%	0.017%
75	18.236	2571	2578	2587	rBV	203159	340687	8.25%	0.702%
76	18.530	2625	2628	2631	rBV4	4840	6130	0.15%	0.013%
77	18.970	2700	2703	2707	rVB6	4259	5810	0.14%	0.012%
78	19.141	2727	2732	2734	rBV6	4577	5570	0.13%	0.011%
79	19.370	2766	2771	2779	rBV	38469	77291	1.87%	0.159%
80	19.499	2789	2793	2806	rBV3	63499	130747	3.17%	0.269%
81	19.622	2809	2814	2824	rVB	27797	55605	1.35%	0.115%
82	19.734	2826	2833	2846	rBV2	2773686	4111901	99.56%	8.474%
83	19.934	2860	2867	2868	rBV6	6647	13956	0.34%	0.029%
84	20.327	2929	2934	2940	rBV10	8942	23813	0.58%	0.049%
85	20.586	2976	2978	2980	rBV2	8162	7003	0.17%	0.014%
86	20.627	2983	2985	2990	rBV6	6231	7870	0.19%	0.016%
87	20.680	2992	2994	2998	rVB5	6488	8329	0.20%	0.017%
88	20.862	3021	3025	3028	rBV5	12096	16378	0.40%	0.034%
89	21.379	3100	3113	3114	rBV5	33045	94015	2.28%	0.194%
90	21.602	3143	3151	3164	rVB	1293468	2128708	51.54%	4.387%
91	21.773	3178	3180	3184	rVB5	13874	13454	0.33%	0.028%
92	22.372	3277	3282	3285	rBV7	19634	30674	0.74%	0.063%
93	23.042	3392	3396	3403	rVB3	46067	79558	1.93%	0.164%
94	23.829	3523	3530	3538	rVB2	64589	139064	3.37%	0.287%
95	24.546	3640	3652	3665	rBV2	1478753	4130104	100.00%	8.511%
96	24.758	3677	3688	3705	rVB2	892070	2462477	59.62%	5.075%
97	25.850	3865	3874	3882	rBV4	95051	275398	6.67%	0.568%
98	27.155	4087	4096	4107	rBV6	86088	305414	7.39%	0.629%
99	28.741	4358	4366	4382	rVB5	63461	259361	6.28%	0.534%
100	30.674	4685	4695	4708	rVB7	50241	213293	5.16%	0.440%

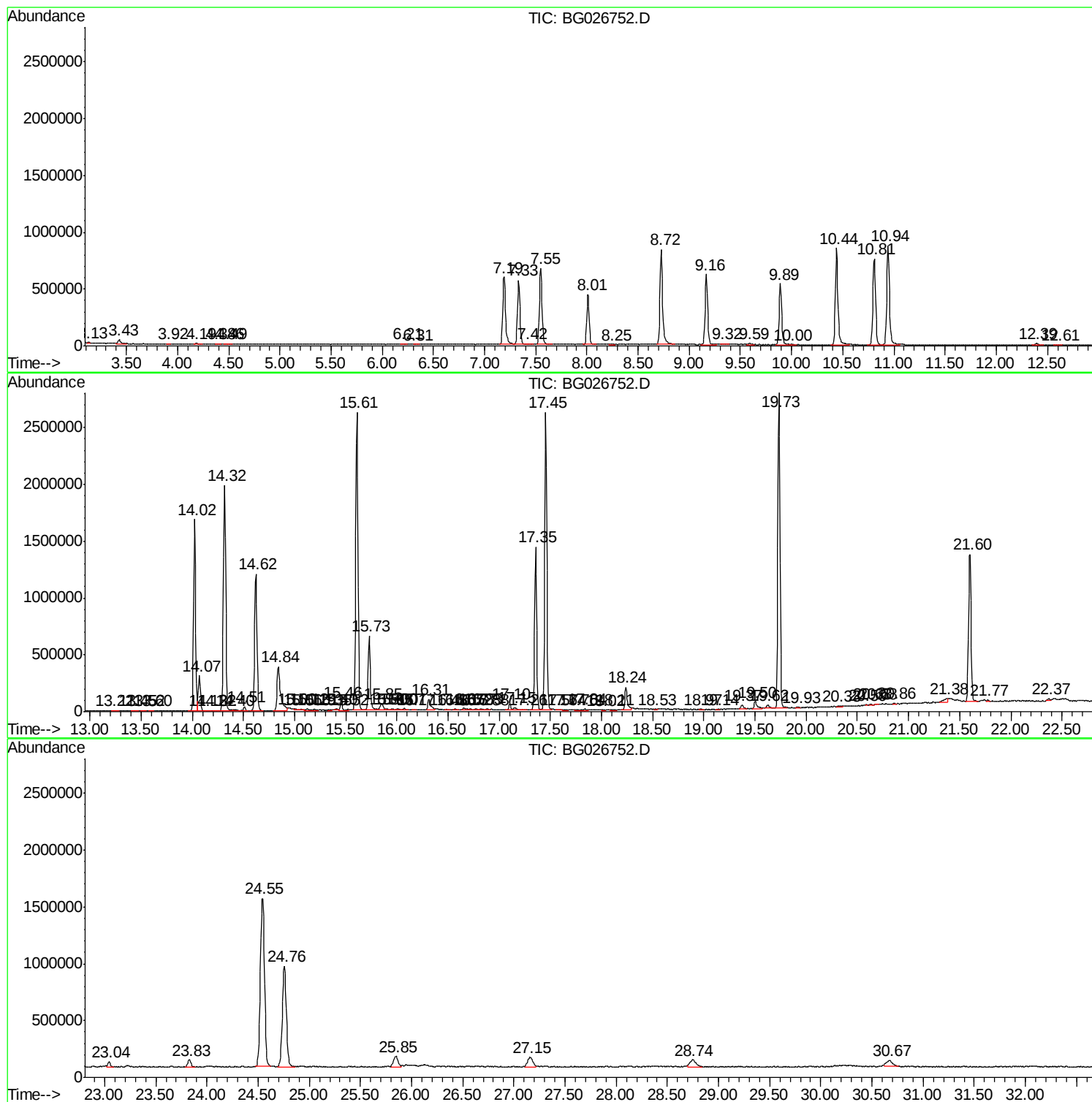
Sum of corrected areas: 48525420

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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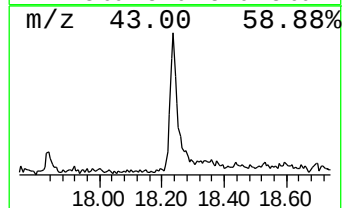
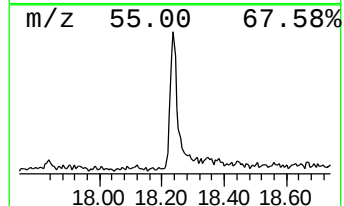
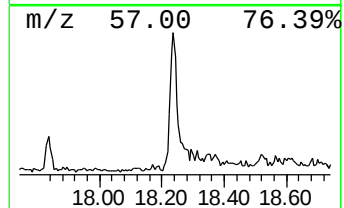
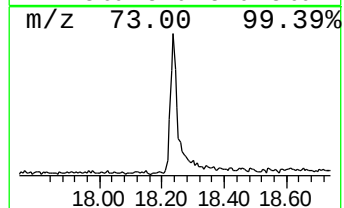
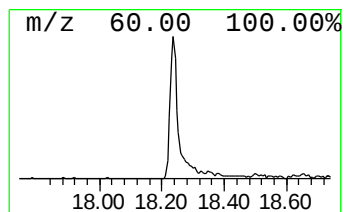
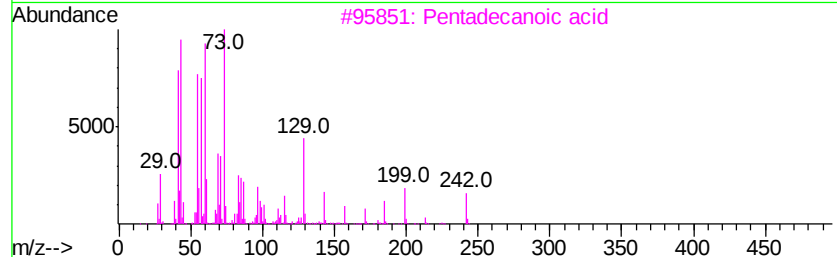
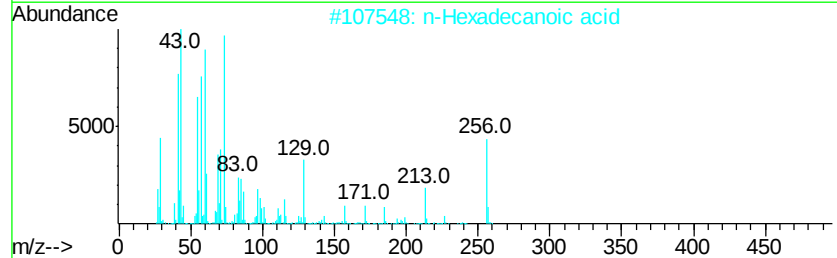
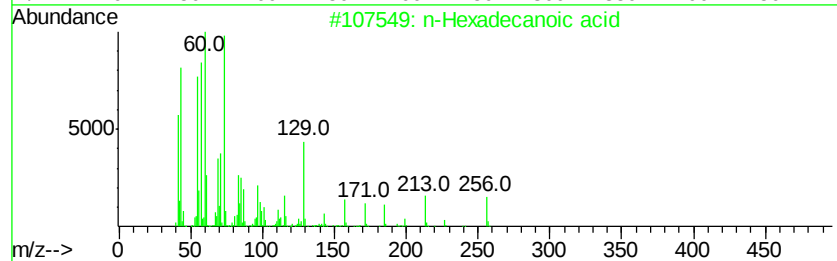
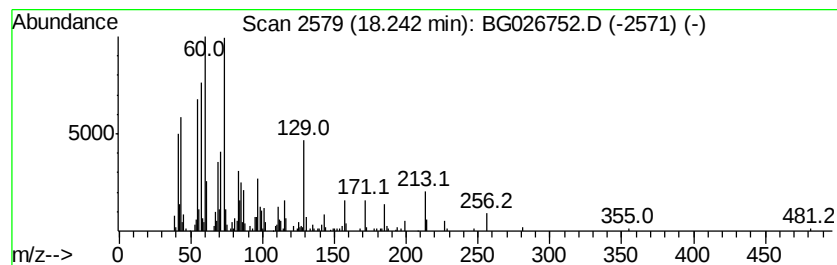
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
18.24	3.27 ng/ul	340687	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Tridecanoic acid	214	C13H26O2	000638-53-9	80



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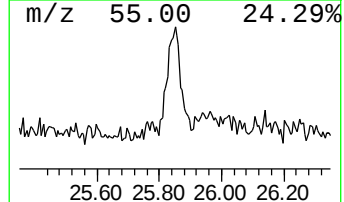
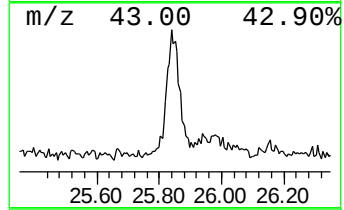
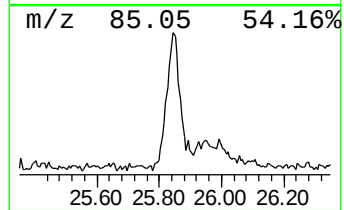
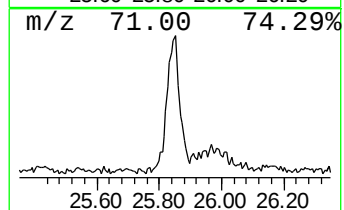
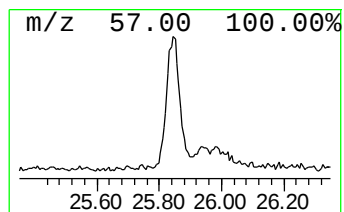
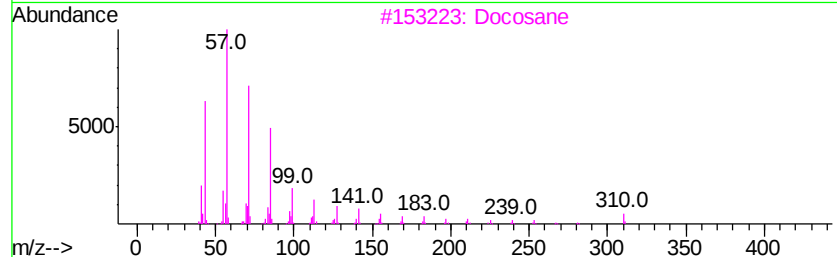
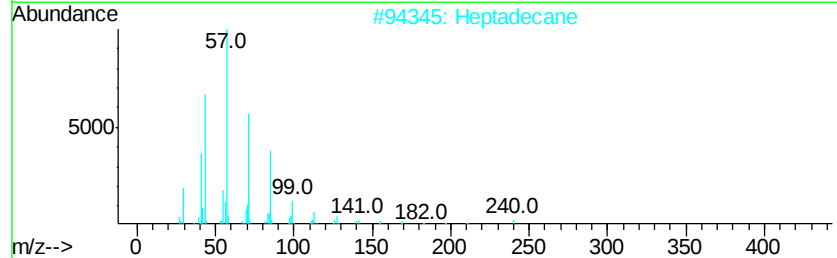
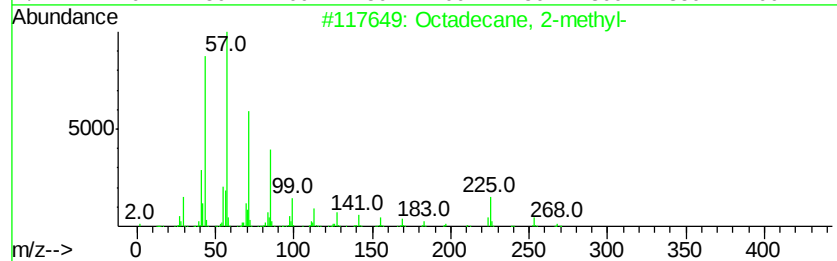
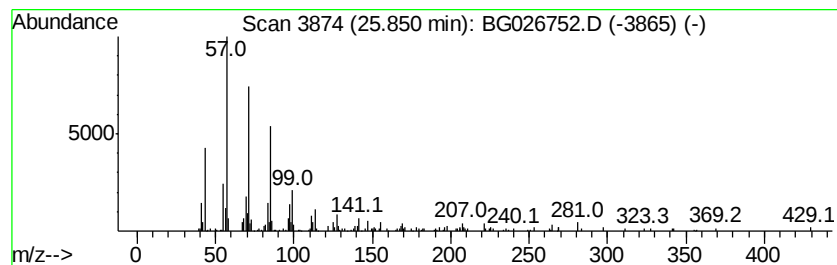
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.24 ng/ul	275398	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2			Heptadecane	240	C17H36	000629-78-7	90
3			Docosane	310	C22H46	000629-97-0	90
4			triacontane	422	C30H62	000638-68-6	90
5			Tetracosane	338	C24H50	000646-31-1	87



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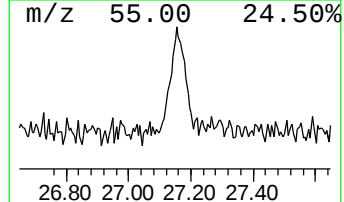
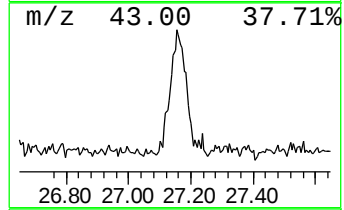
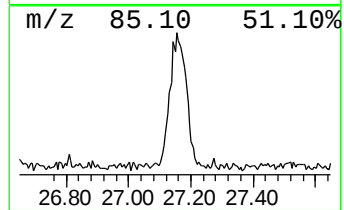
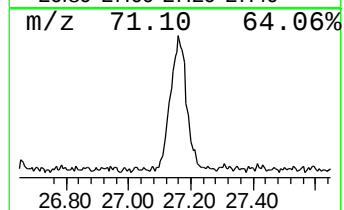
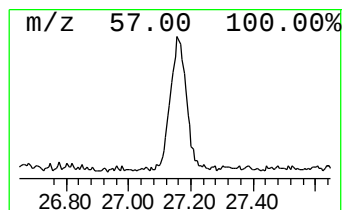
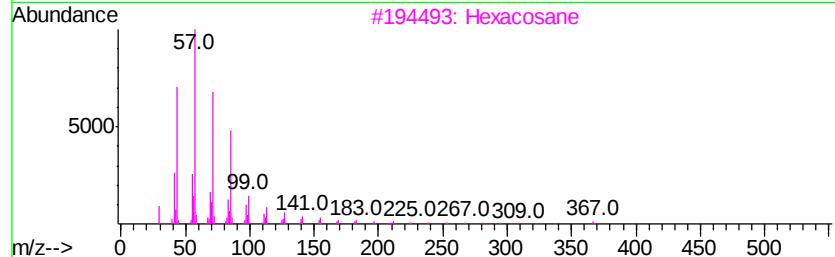
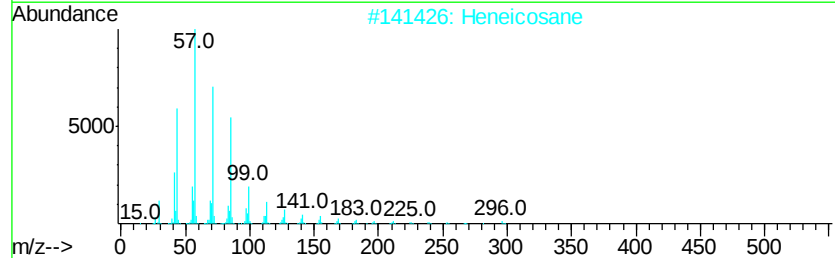
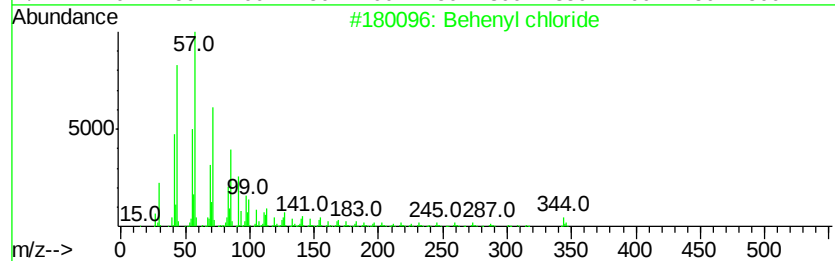
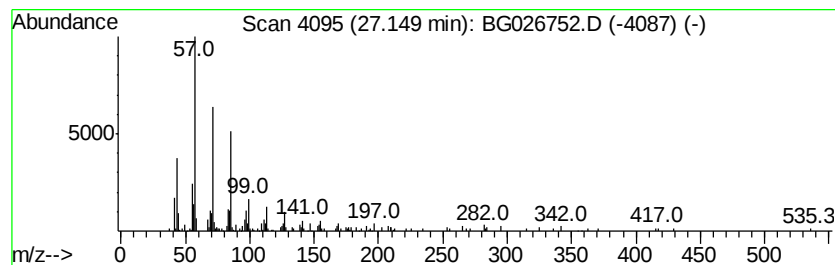
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Peak Number 3 Behenyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.48 ng/ul	305414	Perylene-d12	24.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride		344	C22H45Cl	042217-03-8	91
2	Heneicosane		296	C21H44	000629-94-7	90
3	Hexacosane		366	C26H54	000630-01-3	87
4	triacontane		422	C30H62	000638-68-6	87
5	Tetracosane		338	C24H50	000646-31-1	86



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Operator : SJ/MA
Sample : I2816-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT20

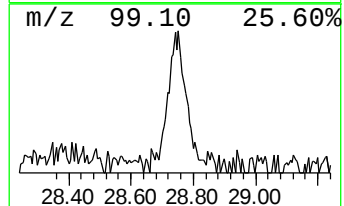
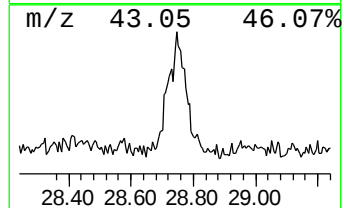
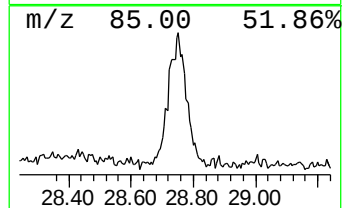
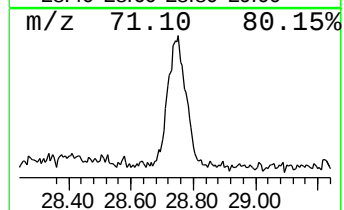
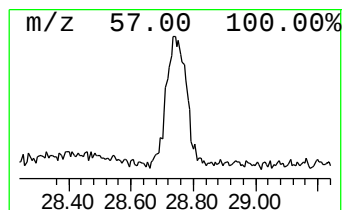
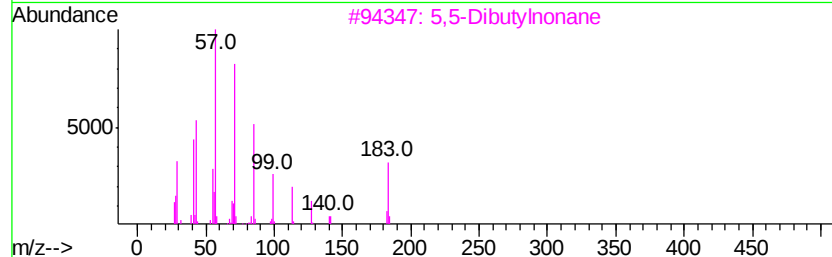
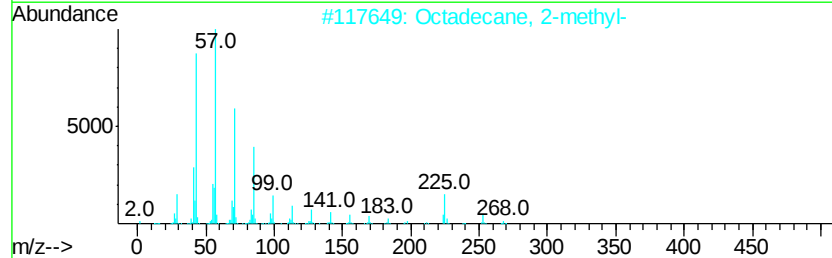
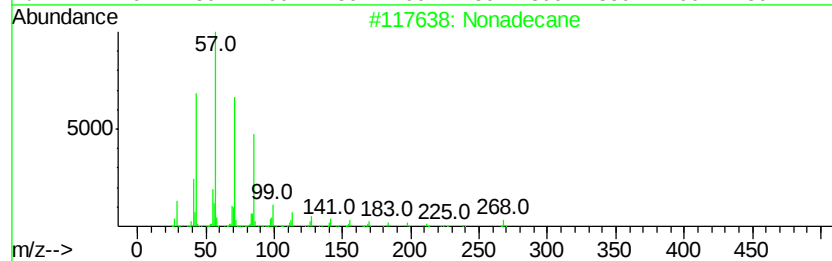
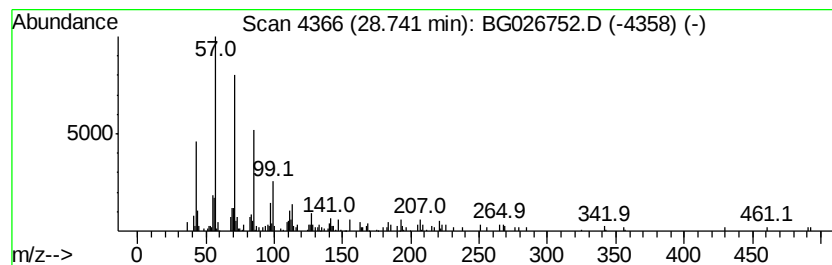
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Quant Title : SVOA CALIBRATION

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.
28.74	2.11 ng/ul	259361	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
3			5,5-Dibutylnonane	240	C17H36	006008-17-9	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
Data File : BG026752.D
Acq On : 28 Apr 2017 18:24
Operator : SJ/MA
Sample : I2816-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT20

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	18.24	3.3	ng/ul	340687	4	17.35	2082980	20.0
(DEL) Alkane: Str...	25.85	2.2	ng/ul	275398	6	24.76	2462480	20.0
Behenyl chloride	27.15	2.5	ng/ul	305414	6	24.76	2462480	20.0
(DEL) Alkane: Str...	28.74	2.1	ng/ul	259361	6	24.76	2462480	20.0