

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050617\
 Data File : BG026881.D
 Acq On : 6 May 2017 14:09
 Operator : SJ/MA
 Sample : I2842-17
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDC34

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	3.253	26	28	36	rVB7	5508	9663	0.34%	0.027%
2	3.423	53	57	64	rVB	24265	37876	1.33%	0.105%
3	3.553	77	79	85	rVB5	3715	4816	0.17%	0.013%
4	3.788	116	119	124	rVB4	2983	4916	0.17%	0.014%
5	4.175	179	185	190	rBV5	4133	8675	0.30%	0.024%
6	4.551	242	249	256	rVB7	3409	10009	0.35%	0.028%
7	4.634	259	263	269	rVB5	3711	6052	0.21%	0.017%
8	5.110	338	344	347	rBV4	3805	6378	0.22%	0.018%
9	6.220	522	533	537	rBV7	3872	10409	0.37%	0.029%
10	6.296	539	546	549	rVV6	2854	5088	0.18%	0.014%
11	6.643	600	605	610	rBV6	2447	5871	0.21%	0.016%
12	6.996	656	665	667	rBV5	1989	4915	0.17%	0.014%
13	7.184	687	697	715	rBV	383335	796719	27.99%	2.206%
14	7.331	715	722	735	rVV	361480	594609	20.89%	1.646%
15	7.425	735	738	745	rVB5	4047	5461	0.19%	0.015%
16	7.548	751	759	770	rBV	418402	755162	26.53%	2.090%
17	8.006	828	837	849	rBV	602717	1029793	36.17%	2.851%
18	8.723	952	959	975	rBV	493396	985818	34.63%	2.729%
19	8.829	975	977	988	rVV5	8928	19219	0.68%	0.053%
20	9.164	1026	1034	1050	rBV	382306	700350	24.60%	1.939%
21	9.328	1056	1062	1074	rBV10	6041	18773	0.66%	0.052%
22	9.587	1097	1106	1112	rVB3	10398	19957	0.70%	0.055%
23	9.886	1146	1157	1169	rBV	310887	585111	20.55%	1.620%
24	9.969	1169	1171	1179	rVB6	3238	6252	0.22%	0.017%
25	10.439	1240	1251	1280	rBV	477163	978124	34.36%	2.708%
26	10.809	1301	1314	1326	rBV	927500	1681935	59.08%	4.656%
27	10.938	1326	1336	1359	rBV	424878	876846	30.80%	2.427%
28	12.072	1525	1529	1536	rVB6	2006	5108	0.18%	0.014%
29	12.213	1545	1553	1560	rVB6	4514	10059	0.35%	0.028%
30	12.295	1560	1567	1570	rBV5	5297	12070	0.42%	0.033%
31	12.389	1578	1583	1592	rVV2	8646	17901	0.63%	0.050%
32	12.466	1592	1596	1603	rVB6	2790	6557	0.23%	0.018%
33	13.153	1710	1713	1720	rVB6	4442	5984	0.21%	0.017%
34	13.230	1722	1726	1731	rVB4	6964	12079	0.42%	0.033%

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35	13.441	1754	1762	1770	rVB4	14471	25671	0.90%	0.071%
36	13.529	1770	1777	1780	rBV6	4169	8950	0.31%	0.025%
37	13.582	1780	1786	1798	rVB8	4416	13631	0.48%	0.038%
38	14.017	1854	1860	1865	rVV	936616	1391128	48.87%	3.851%
39	14.064	1865	1868	1877	rVV	297751	439597	15.44%	1.217%
40	14.140	1877	1881	1887	rVV7	5356	9511	0.33%	0.026%
41	14.217	1892	1894	1900	rVB6	6103	7316	0.26%	0.020%
42	14.311	1900	1910	1927	rBV	1200087	1879348	66.02%	5.203%
43	14.510	1935	1944	1950	rVB	32845	46434	1.63%	0.129%
44	14.616	1950	1962	1979	rBV2	1242688	2105043	73.95%	5.827%
45	14.845	1993	2001	2025	rBV	174466	557199	19.57%	1.542%
46	15.063	2035	2038	2044	rVB6	5041	5740	0.20%	0.016%
47	15.121	2046	2048	2054	rVB6	8515	12623	0.44%	0.035%
48	15.192	2054	2060	2064	rVB5	9094	12660	0.44%	0.035%
49	15.403	2093	2096	2100	rBV5	11145	17757	0.62%	0.049%
50	15.450	2100	2104	2110	rVV	50587	68656	2.41%	0.190%
51	15.609	2122	2131	2144	rVB	1446449	2223780	78.12%	6.156%
52	15.732	2144	2152	2163	rBV	245914	423310	14.87%	1.172%
53	15.850	2167	2172	2177	rBV4	30391	59390	2.09%	0.164%
54	15.897	2178	2180	2186	rVB6	7686	7571	0.27%	0.021%
55	15.956	2186	2190	2194	rBV5	9163	10904	0.38%	0.030%
56	16.003	2194	2198	2205	rVB8	11393	19317	0.68%	0.053%
57	16.073	2205	2210	2214	rBV6	11305	20083	0.71%	0.056%
58	16.179	2225	2228	2234	rBV8	4912	8267	0.29%	0.023%
59	16.255	2240	2241	2246	rVB5	5180	6645	0.23%	0.018%
60	16.308	2246	2250	2260	rBV	63987	125899	4.42%	0.349%
61	16.485	2275	2280	2284	rVV8	3724	7402	0.26%	0.020%
62	16.561	2289	2293	2296	rBV5	5208	8075	0.28%	0.022%
63	16.661	2302	2310	2312	rBV9	11921	18697	0.66%	0.052%
64	16.708	2317	2318	2323	rVB3	7024	6733	0.24%	0.019%
65	16.761	2323	2327	2333	rBV9	8076	14478	0.51%	0.040%
66	16.814	2333	2336	2342	rVB7	9487	11374	0.40%	0.031%
67	16.890	2342	2349	2351	rBV8	7382	15331	0.54%	0.042%
68	16.955	2358	2360	2364	rVB5	5162	5969	0.21%	0.017%
69	17.002	2364	2368	2369	rBV4	4687	5272	0.19%	0.015%
70	17.019	2369	2371	2374	rVB4	5326	6422	0.23%	0.018%
71	17.101	2380	2385	2389	rBV	50326	67305	2.36%	0.186%

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72	17.154	2389	2394	2399	rVB5	17850	31614	1.11%	0.088%
73	17.354	2419	2428	2439	rBV2	1480718	2262716	79.49%	6.264%
74	17.454	2439	2445	2454	rVB	1486042	2195162	77.11%	6.077%
75	17.636	2472	2476	2479	rVB6	6024	6571	0.23%	0.018%
76	17.765	2490	2498	2502	rBV6	9579	23808	0.84%	0.066%
77	17.842	2506	2511	2515	rVB6	17561	26418	0.93%	0.073%
78	17.877	2515	2517	2519	rBV3	8918	6251	0.22%	0.017%
79	17.959	2527	2531	2532	rBV4	7620	10259	0.36%	0.028%
80	18.006	2536	2539	2545	rVB8	10678	15545	0.55%	0.043%
81	18.112	2553	2557	2563	rBV9	6769	16191	0.57%	0.045%
82	18.183	2565	2569	2572	rBV7	13548	21119	0.74%	0.058%
83	18.235	2572	2578	2593	rBV3	193837	389131	13.67%	1.077%
84	18.523	2624	2627	2633	rBV6	13522	17984	0.63%	0.050%
85	19.152	2729	2734	2737	rBV7	19503	35327	1.24%	0.098%
86	19.405	2766	2777	2788	rBV2	97703	234064	8.22%	0.648%
87	19.499	2789	2793	2802	rBV3	110158	203063	7.13%	0.562%
88	19.628	2812	2815	2823	rVB8	34791	69654	2.45%	0.193%
89	19.734	2826	2833	2842	rBV2	1696207	2592608	91.07%	7.177%
90	20.257	2918	2922	2928	rVB3	51377	64250	2.26%	0.178%
91	20.744	3001	3005	3009	rBV3	60891	83752	2.94%	0.232%
92	21.238	3086	3089	3097	rVB3	63690	89483	3.14%	0.248%
93	21.602	3144	3151	3163	rBV	1436058	2354838	82.72%	6.519%
94	22.372	3279	3282	3288	rBV2	59835	103156	3.62%	0.286%
95	23.823	3526	3529	3537	rVB4	103679	216747	7.61%	0.600%
96	24.552	3644	3653	3673	rVB2	878441	2516645	88.41%	6.967%
97	24.763	3680	3689	3710	rVB2	910252	2846705	100.00%	7.880%
98	25.850	3868	3874	3886	rVB2	144603	383384	13.47%	1.061%
99	27.166	4093	4098	4111	rVB2	99581	310690	10.91%	0.860%
100	30.662	4687	4693	4695	rBV7	43265	84341	2.96%	0.233%

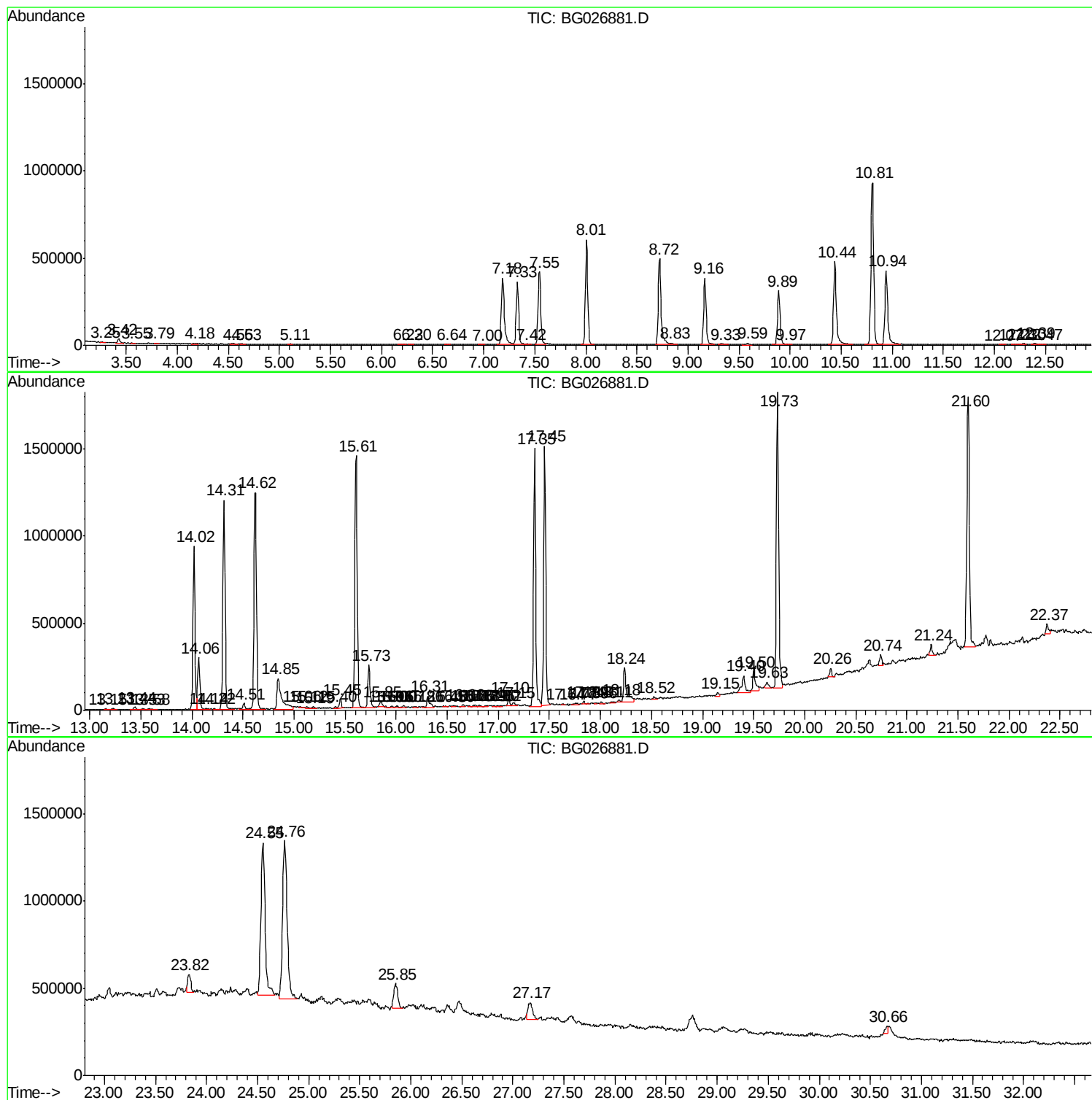
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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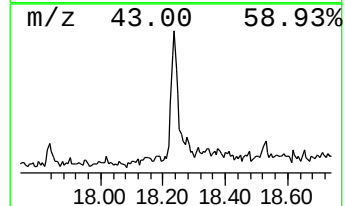
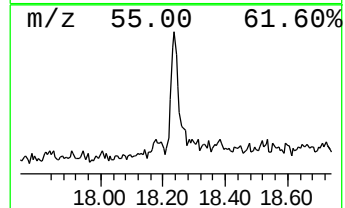
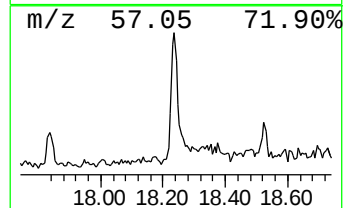
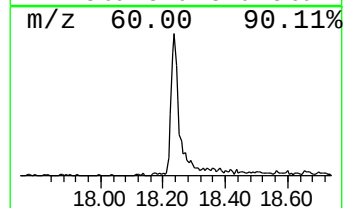
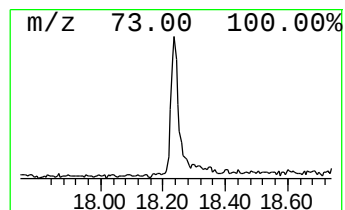
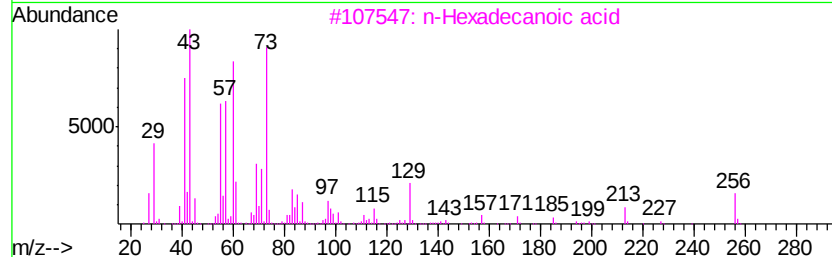
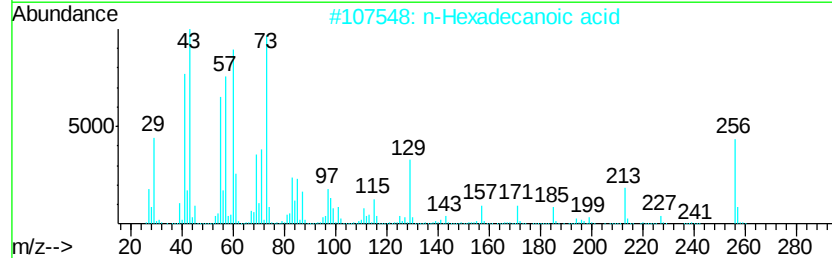
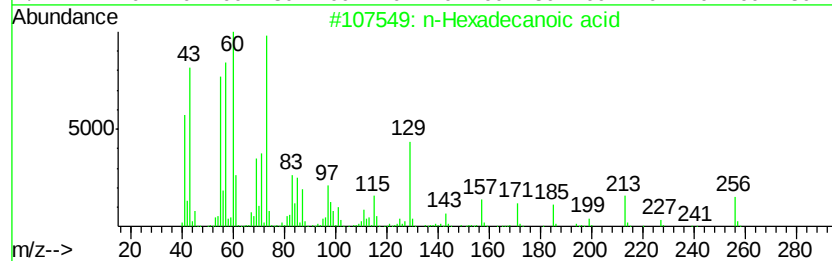
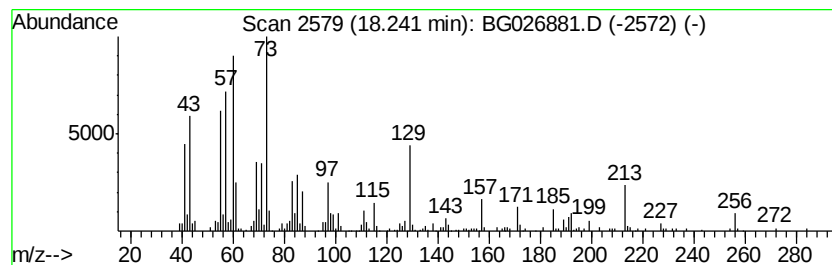
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.44 ng/ul	389131	Phenanthrene-d10		17.35		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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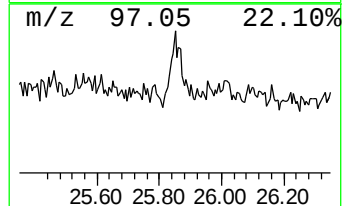
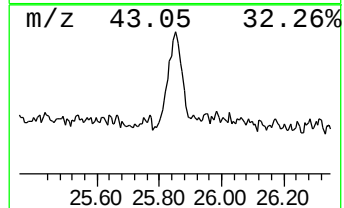
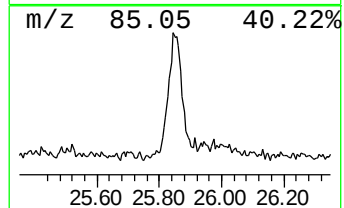
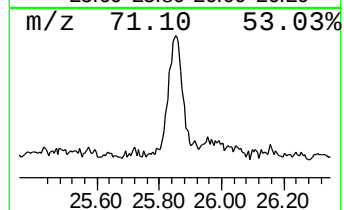
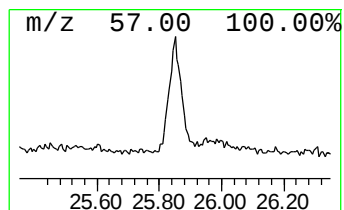
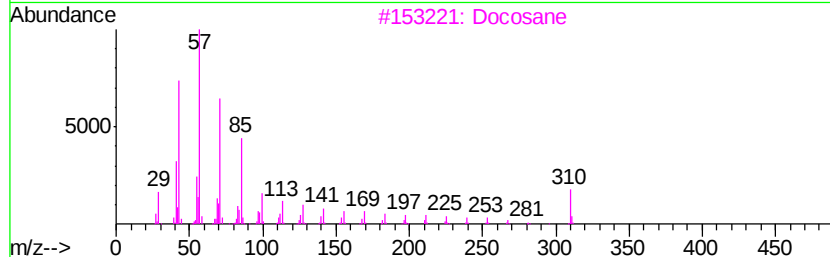
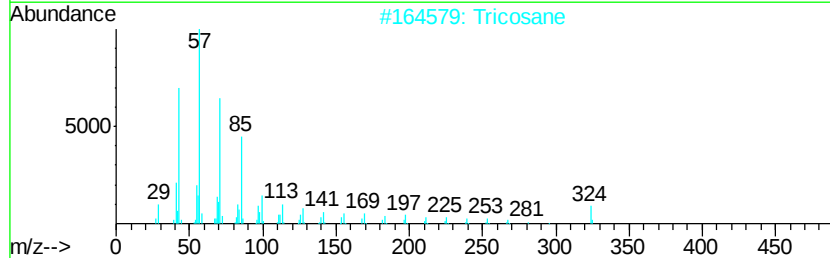
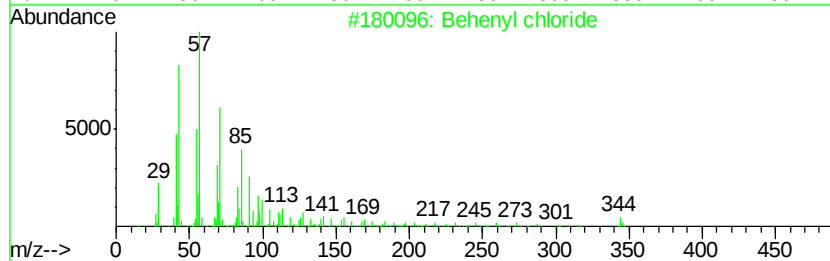
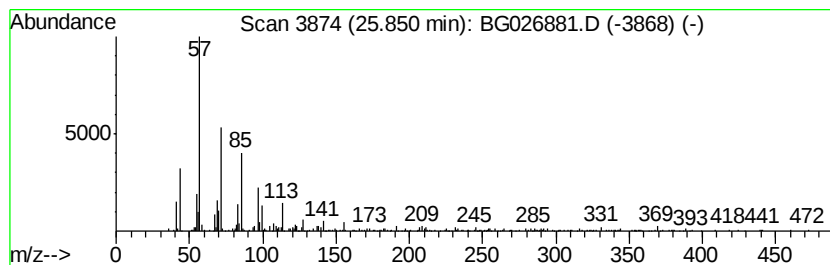
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Behenyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.69 ng/ul	383384	Perylene-d12	24.77

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenyl chloride		344	C22H45Cl	042217-03-8	83
2	Tricosane		324	C23H48	000638-67-5	81
3	Docosane		310	C22H46	000629-97-0	81
4	Hexadecane, 2-methyl-		240	C17H36	001560-92-5	81
5	Pentacosane		352	C25H52	000629-99-2	81



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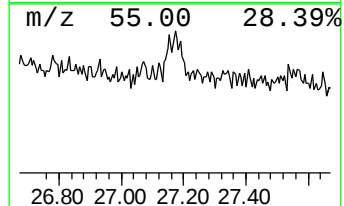
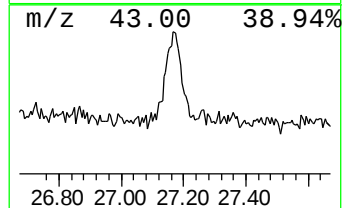
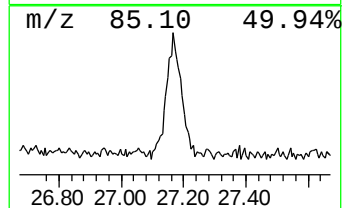
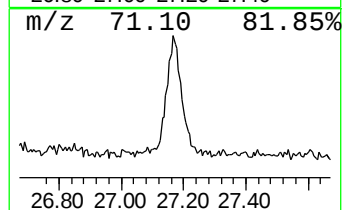
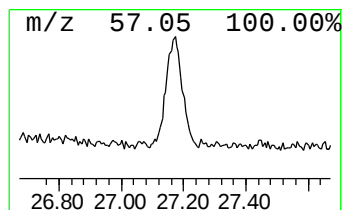
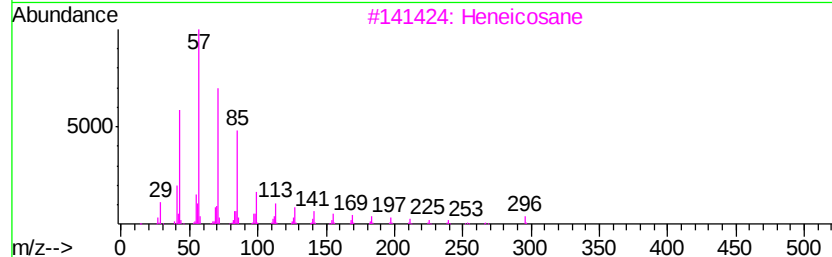
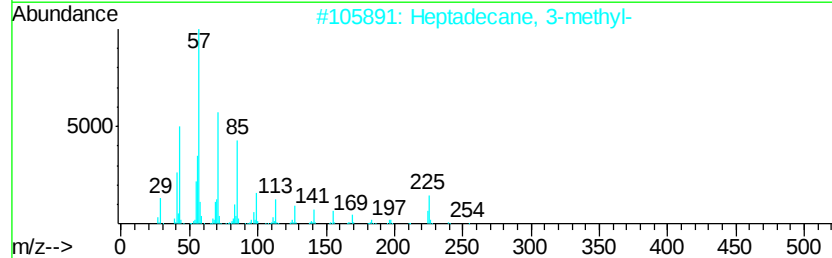
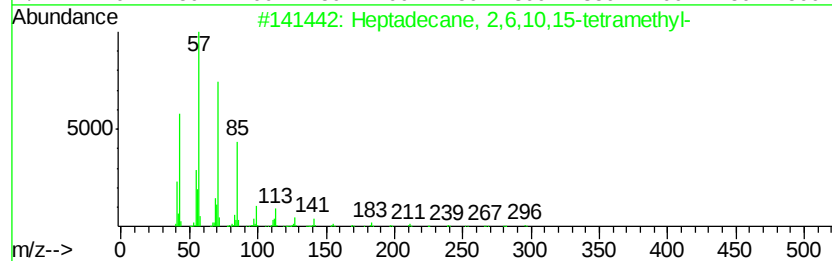
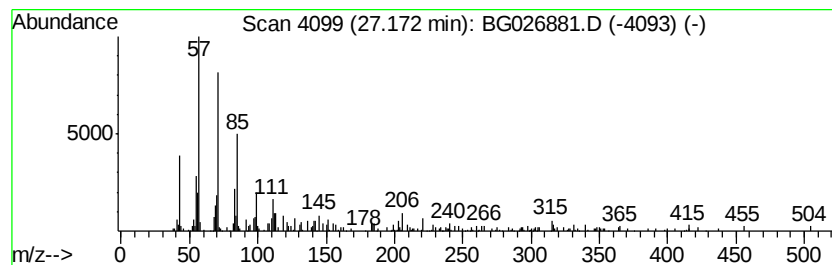
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.18 ng/ul	310690	Perylene-d12	24.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	83
3		Heneicosane	296	C21H44	000629-94-7	80
4		Heptadecane	240	C17H36	000629-78-7	60
5		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	50



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Data File : BG026881.D
Acq On : 6 May 2017 14:09
Operator : SJ/MA
Sample : I2842-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDC34

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	3.4	ng/ul	389131	4	17.35	2262720	20.0
Behenyl chloride	25.85	2.7	ng/ul	383384	6	24.77	2846710	20.0
(DEL) Alkane: Str...	27.17	2.2	ng/ul	310690	6	24.77	2846710	20.0