

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026793.D
 Acq On : 1 May 2017 4:07
 Operator : SJ/MA
 Sample : I2846-16
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSZ8

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	3.425	51	57	69	rVB	44454	74849	1.65%	0.133%
2	3.884	132	135	139	rBV5	4320	5978	0.13%	0.011%
3	4.183	181	186	194	rVB7	11173	23144	0.51%	0.041%
4	5.276	369	372	375	rBV5	4913	6290	0.14%	0.011%
5	5.699	438	444	448	rVB7	3987	8687	0.19%	0.015%
6	6.222	528	533	540	rVB5	7922	17523	0.39%	0.031%
7	7.186	689	697	715	rVV	715346	1336325	29.54%	2.366%
8	7.333	715	722	733	rVB	658222	1095266	24.21%	1.939%
9	7.421	734	737	743	rVB6	6103	10460	0.23%	0.019%
10	7.544	749	758	769	rBV	791347	1356109	29.97%	2.401%
11	8.008	828	837	850	rVB	578082	969751	21.43%	1.717%
12	8.725	948	959	978	rBV	973792	1875863	41.46%	3.321%
13	9.166	1025	1034	1053	rBV	756017	1374422	30.38%	2.433%
14	9.324	1053	1061	1069	rBV9	16199	47717	1.05%	0.084%
15	9.583	1102	1105	1112	rVB4	8731	15250	0.34%	0.027%
16	9.653	1113	1117	1121	rVB5	4413	6306	0.14%	0.011%
17	9.888	1149	1157	1173	rBV	667007	1171409	25.89%	2.074%
18	10.435	1239	1250	1275	rBV	959726	1839938	40.67%	3.257%
19	10.805	1301	1313	1324	rVB	943356	1698973	37.55%	3.008%
20	10.940	1329	1336	1357	rBV	1023956	1956809	43.25%	3.464%
21	11.786	1474	1480	1483	rBV6	2975	6472	0.14%	0.011%
22	12.386	1577	1582	1596	rVB2	18820	40484	0.89%	0.072%
23	13.079	1693	1700	1705	rVB6	3145	6803	0.15%	0.012%
24	13.232	1720	1726	1732	rVB6	9244	18991	0.42%	0.034%
25	13.443	1758	1762	1767	rVB7	5377	8673	0.19%	0.015%
26	13.525	1767	1776	1782	rBV8	6947	15693	0.35%	0.028%
27	13.831	1822	1828	1831	rBV5	3531	7018	0.16%	0.012%
28	14.019	1853	1860	1865	rBV	1841824	2748166	60.74%	4.865%
29	14.066	1865	1868	1877	rVV	501661	684278	15.12%	1.211%
30	14.131	1877	1879	1887	rVB8	5564	9525	0.21%	0.017%
31	14.313	1900	1910	1920	rBV	2296255	3624469	80.11%	6.417%
32	14.507	1938	1943	1949	rVB	29494	39500	0.87%	0.070%
33	14.618	1952	1962	1974	rBV2	1419616	2365207	52.28%	4.187%
34	14.789	1984	1991	1992	rBV5	4200	6173	0.14%	0.011%

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35	14.836	1992	1999	2025	rVV	493394	1213131	26.81%	2.148%
36	15.006	2025	2028	2034	rVV8	15594	36957	0.82%	0.065%
37	15.053	2034	2036	2044	rVV9	11305	26560	0.59%	0.047%
38	15.118	2044	2047	2054	rVB7	14463	25507	0.56%	0.045%
39	15.188	2056	2059	2064	rVB5	9670	12224	0.27%	0.022%
40	15.259	2064	2071	2075	rVB8	3976	7190	0.16%	0.013%
41	15.358	2082	2088	2090	rBV6	4053	8951	0.20%	0.016%
42	15.406	2092	2096	2100	rBV	27256	42055	0.93%	0.074%
43	15.453	2100	2104	2111	rVB	77019	96839	2.14%	0.171%
44	15.605	2119	2130	2141	rBV	2871875	4379768	96.80%	7.754%
45	15.729	2145	2151	2163	rBV	777648	1186150	26.22%	2.100%
46	15.852	2164	2172	2177	rVV3	57495	115947	2.56%	0.205%
47	15.899	2177	2180	2184	rVB4	10020	12211	0.27%	0.022%
48	15.952	2184	2189	2193	rBV5	13002	16524	0.37%	0.029%
49	16.005	2195	2198	2203	rVB4	11639	16147	0.36%	0.029%
50	16.075	2205	2210	2216	rVB5	15422	22306	0.49%	0.039%
51	16.158	2219	2224	2226	rBV4	6642	10157	0.22%	0.018%
52	16.310	2244	2250	2259	rVV	98873	166670	3.68%	0.295%
53	16.487	2275	2280	2284	rVB7	7750	14940	0.33%	0.026%
54	16.557	2289	2292	2302	rVB10	8858	20834	0.46%	0.037%
55	16.663	2302	2310	2316	rBV4	17472	45023	1.00%	0.080%
56	16.716	2316	2319	2323	rVV6	9673	11990	0.27%	0.021%
57	16.769	2323	2328	2332	rVB7	13532	20599	0.46%	0.036%
58	16.821	2332	2337	2343	rBV6	12430	25699	0.57%	0.045%
59	16.880	2343	2347	2351	rBV7	9054	14874	0.33%	0.026%
60	16.962	2358	2361	2366	rVB7	5744	8789	0.19%	0.016%
61	17.098	2379	2384	2388	rBV	65544	85422	1.89%	0.151%
62	17.151	2389	2393	2406	rVV2	28738	55058	1.22%	0.097%
63	17.256	2406	2411	2417	rVB10	13646	19444	0.43%	0.034%
64	17.356	2419	2428	2435	rBV	1633093	2507027	55.41%	4.438%
65	17.450	2436	2444	2455	rVB2	2773850	4333753	95.79%	7.672%
66	17.568	2461	2464	2468	rVB6	6496	7179	0.16%	0.013%
67	17.644	2471	2477	2482	rVB10	7411	13193	0.29%	0.023%
68	17.756	2491	2496	2503	rVB10	7580	18868	0.42%	0.033%
69	17.838	2504	2510	2515	rVV2	31238	43350	0.96%	0.077%
70	17.914	2516	2523	2527	rVB10	3753	8895	0.20%	0.016%
71	18.008	2536	2539	2546	rVB8	6263	11413	0.25%	0.020%

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72	18.073	2546	2550	2553	rBV5	4083	7531	0.17%	0.013%
73	18.108	2553	2556	2561	rVV7	7528	11342	0.25%	0.020%
74	18.232	2571	2577	2587	rBV	168567	300305	6.64%	0.532%
75	18.302	2587	2589	2593	rVB	15195	21245	0.47%	0.038%
76	18.525	2623	2627	2634	rVB6	12171	23680	0.52%	0.042%
77	18.649	2646	2648	2653	rBV5	6817	6221	0.14%	0.011%
78	19.307	2757	2760	2764	rVB6	7853	11588	0.26%	0.021%
79	19.371	2764	2771	2778	rBV2	42489	86066	1.90%	0.152%
80	19.501	2789	2793	2808	rBV3	57504	126993	2.81%	0.225%
81	19.624	2810	2814	2822	rVB	30790	50700	1.12%	0.090%
82	19.736	2825	2833	2848	rBV	3064684	4524389	100.00%	8.010%
83	20.176	2905	2908	2914	rBV8	4997	7521	0.17%	0.013%
84	20.247	2918	2920	2924	rBV5	5039	6220	0.14%	0.011%
85	20.323	2931	2933	2937	rBV5	8500	9478	0.21%	0.017%
86	20.558	2970	2973	2975	rBV4	8472	9699	0.21%	0.017%
87	20.858	3021	3024	3028	rBV6	10590	17050	0.38%	0.030%
88	21.158	3072	3075	3079	rVB5	16431	18253	0.40%	0.032%
89	21.481	3126	3130	3138	rVB6	24360	49101	1.09%	0.087%
90	21.598	3142	3150	3160	rVB	1576239	2603026	57.53%	4.608%
91	22.368	3277	3281	3284	rBV4	26281	47971	1.06%	0.085%
92	23.044	3390	3396	3403	rVB2	57160	121567	2.69%	0.215%
93	23.220	3422	3426	3433	rVB5	27686	57414	1.27%	0.102%
94	23.825	3521	3529	3540	rVB2	79225	164677	3.64%	0.292%
95	24.542	3640	3651	3666	rBV2	1618322	4509273	99.67%	7.983%
96	24.753	3676	3687	3703	rBV3	1072859	3017874	66.70%	5.343%
97	25.840	3863	3872	3882	rBV2	120980	376057	8.31%	0.666%
98	27.151	4084	4095	4109	rVB2	123337	452409	10.00%	0.801%
99	28.743	4355	4366	4381	rVB4	87401	342734	7.58%	0.607%
100	30.652	4680	4691	4708	rVB6	74220	371022	8.20%	0.657%

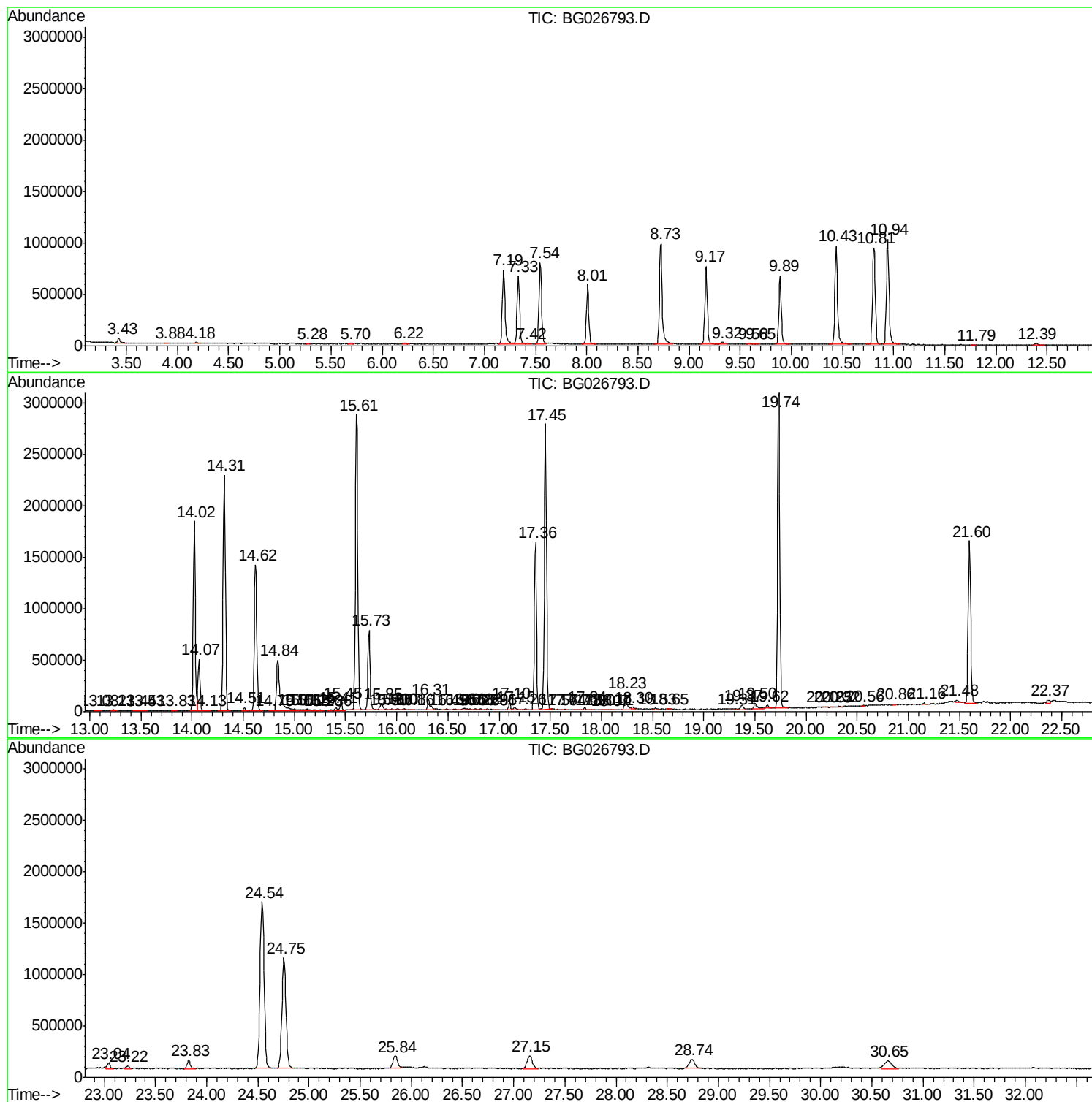
Sum of corrected areas: 56485571

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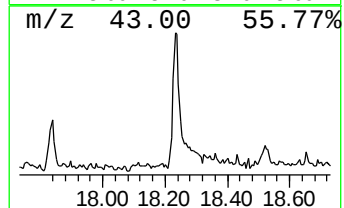
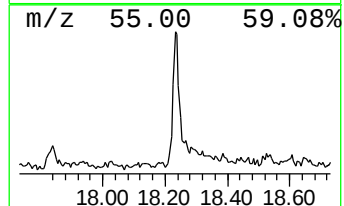
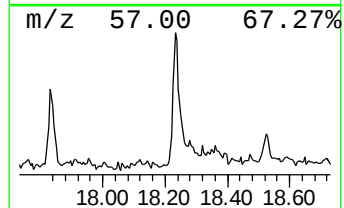
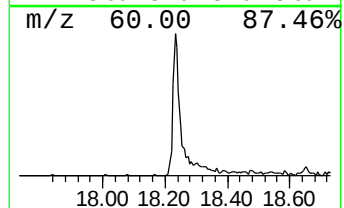
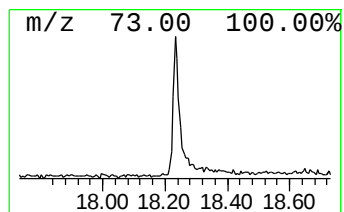
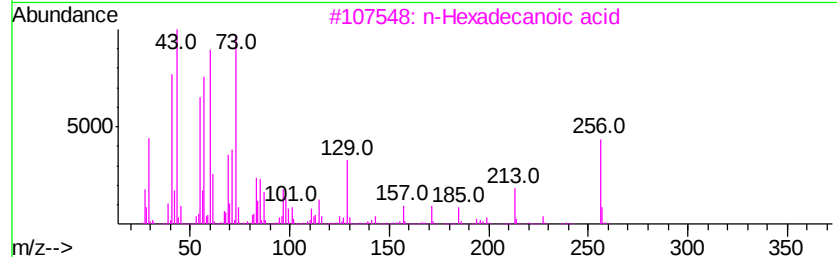
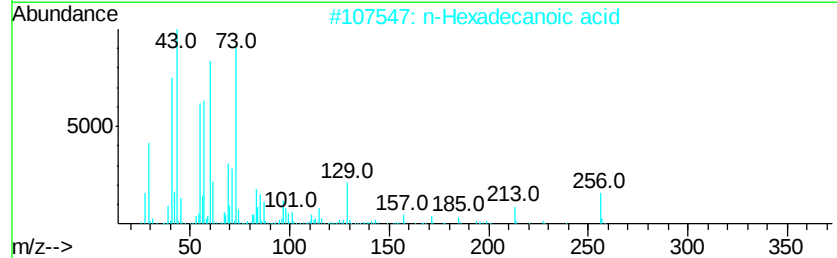
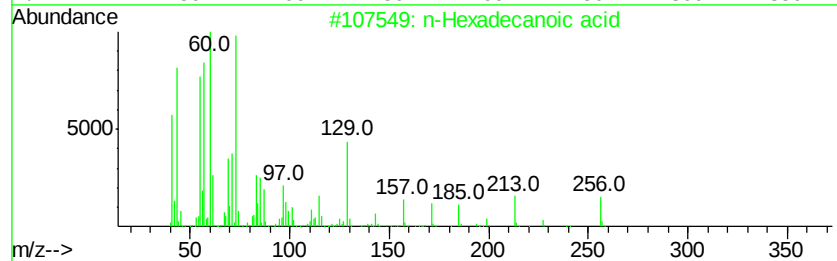
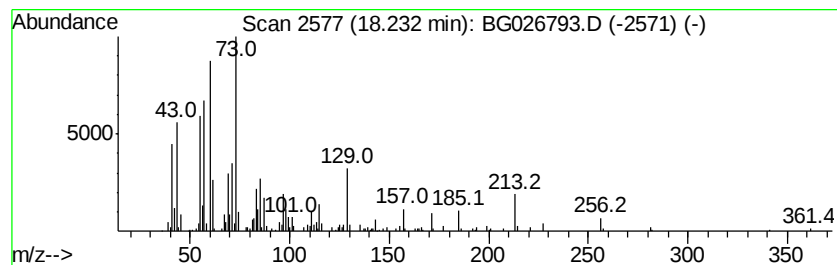
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.40 ng/ul	300305	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4		Tridecanoic acid	214	C13H26O2	000638-53-9	94
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	76



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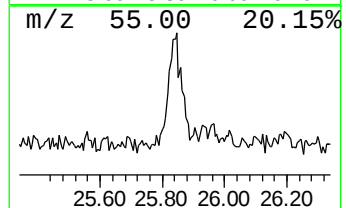
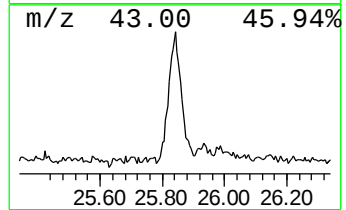
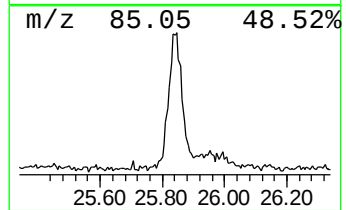
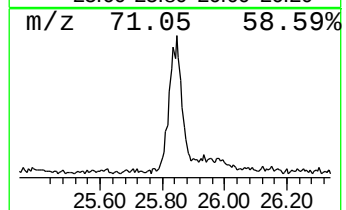
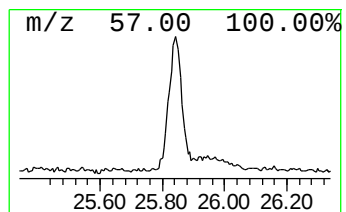
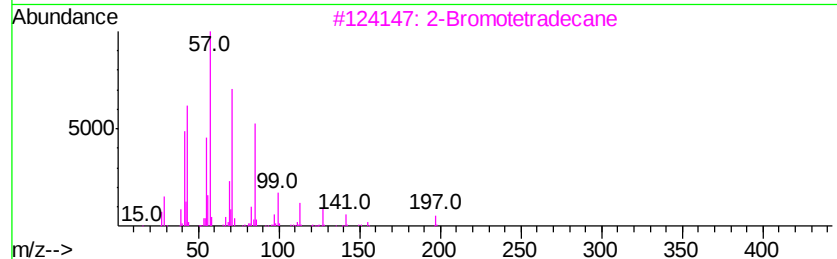
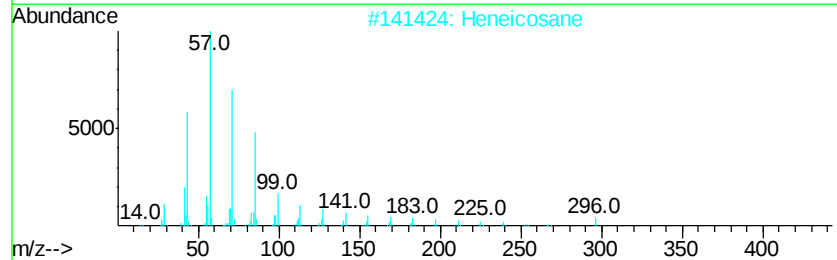
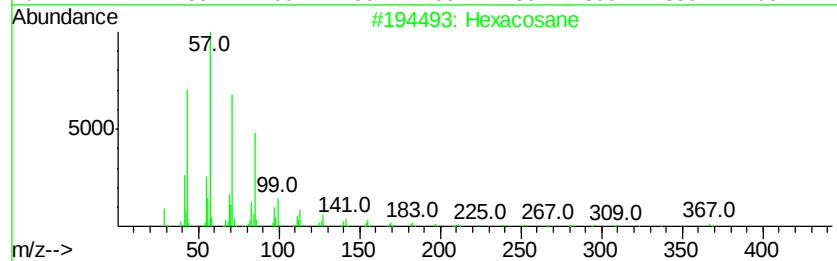
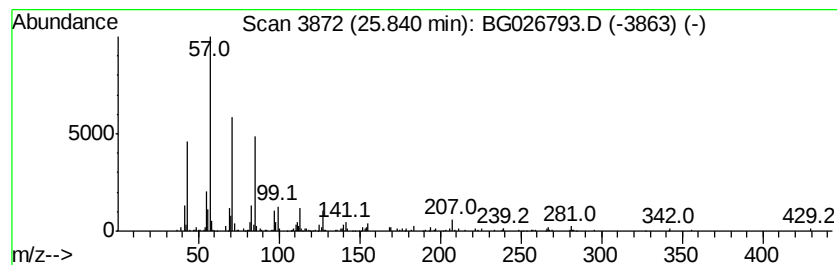
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.49 ng/ul	376057	Perylene-d12	24.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Heneicosane	296	C21H44	000629-94-7	87
3			2-Bromotetradecane	276	C14H29Br	074036-95-6	86
4			Heneicosane	296	C21H44	000629-94-7	83
5			Octadecane	254	C18H38	000593-45-3	83



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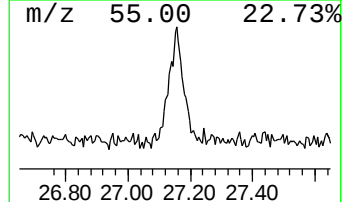
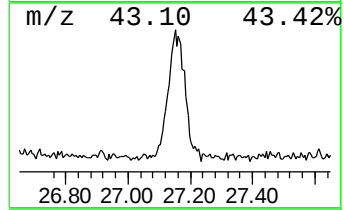
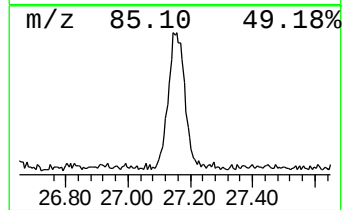
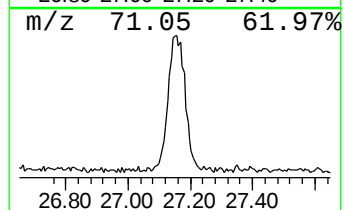
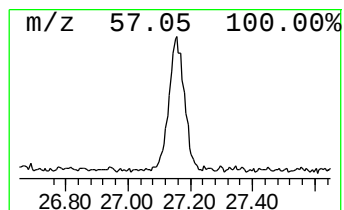
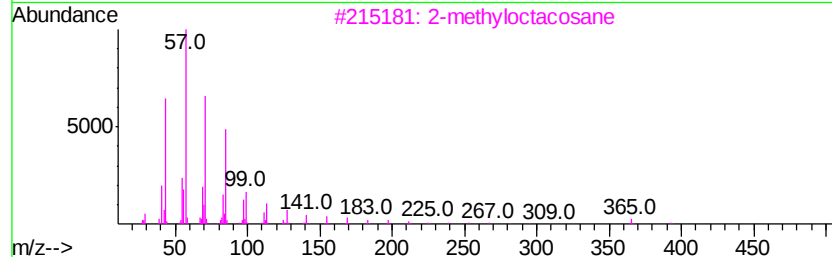
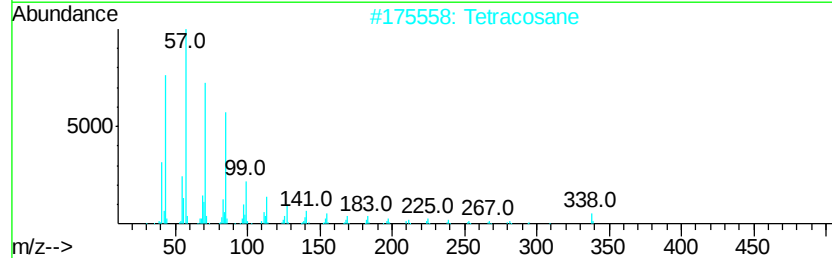
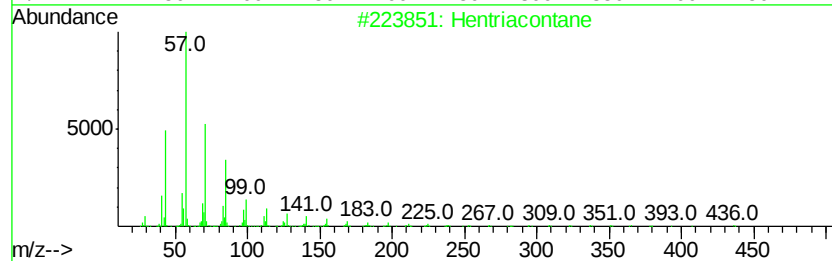
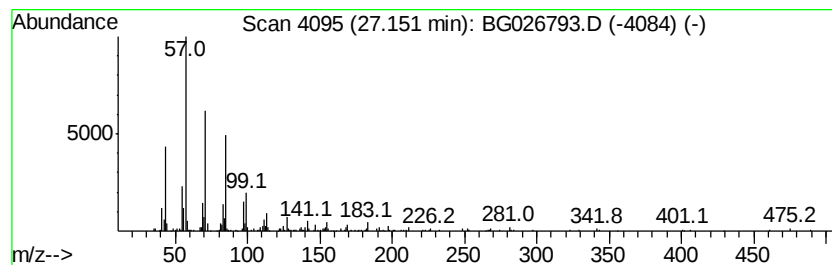
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	3.00 ng/ul	452409	Perylene-d12	24.75

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	90
2			Tetracosane	338	C24H50	000646-31-1	90
3			2-methyloctacosane	408	C29H60	1000376-72-8	87
4			Triacontane	422	C30H62	000638-68-6	87
5			Heptacosane	380	C27H56	000593-49-7	83



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Operator : SJ/MA
Sample : I2846-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ8

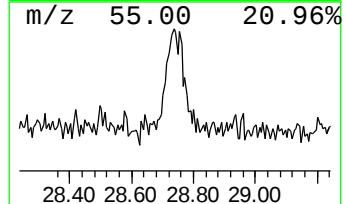
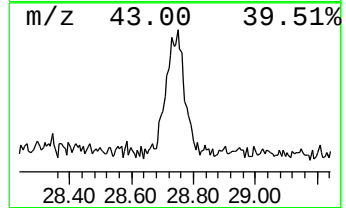
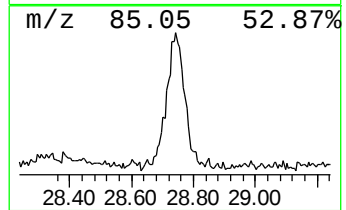
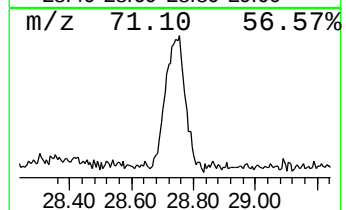
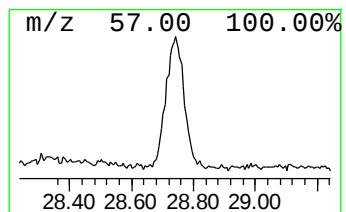
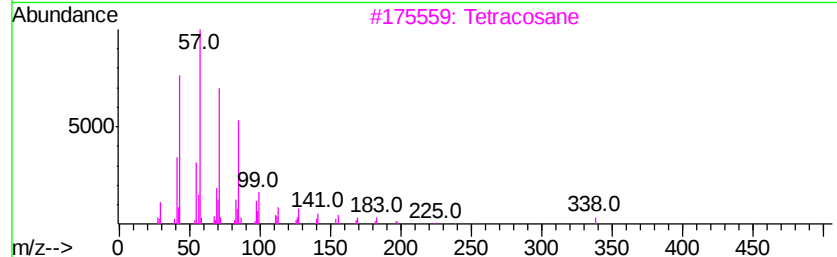
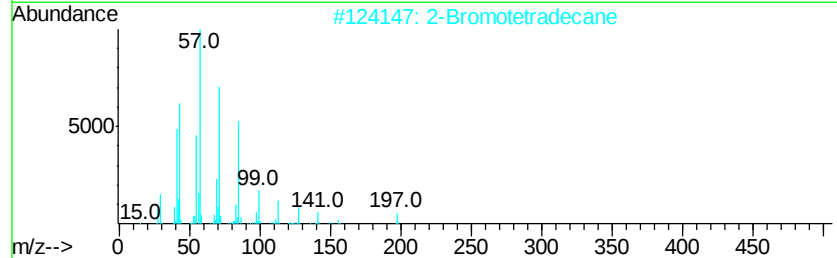
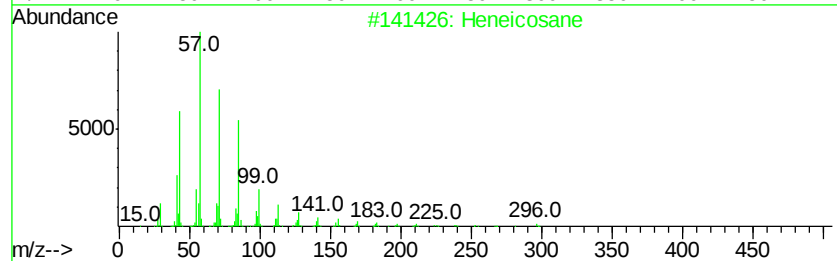
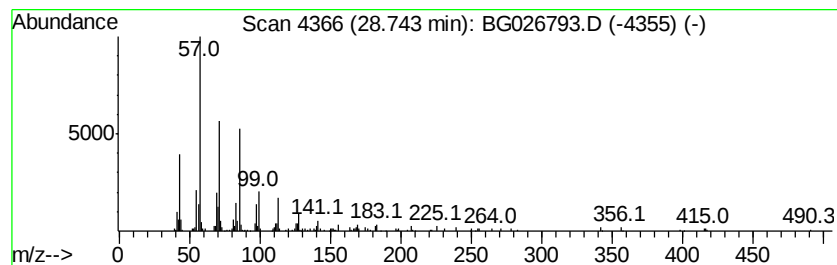
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.74	2.27 ng/ul	342734	Perylene-d12	24.75

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3		Tetracosane	338	C24H50	000646-31-1	83
4		Hexacosane	366	C26H54	000630-01-3	83
5		Tetratetracontane	619	C44H90	007098-22-8	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026793.D
Acq On : 1 May 2017 4:07
Operator : SJ/MA
Sample : I2846-16
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ8

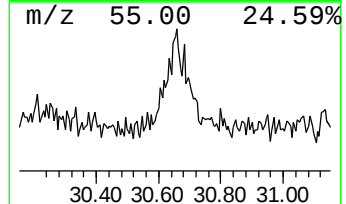
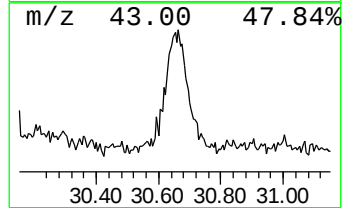
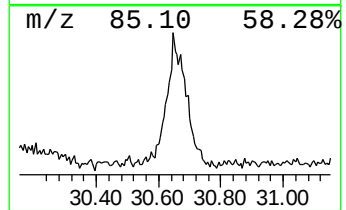
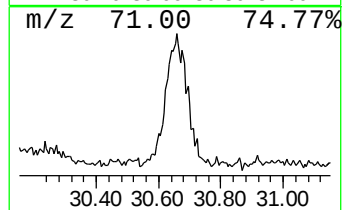
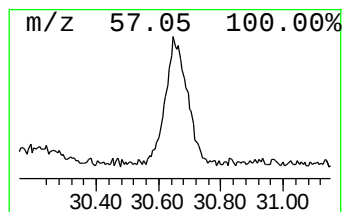
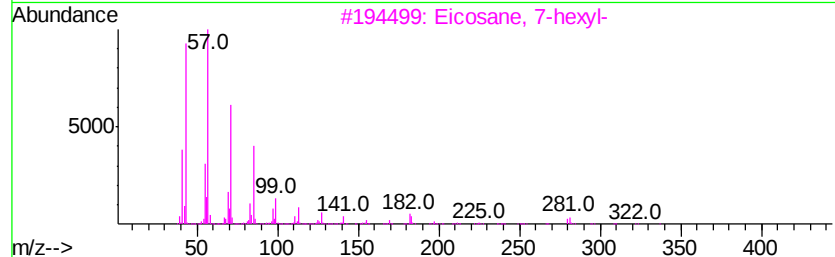
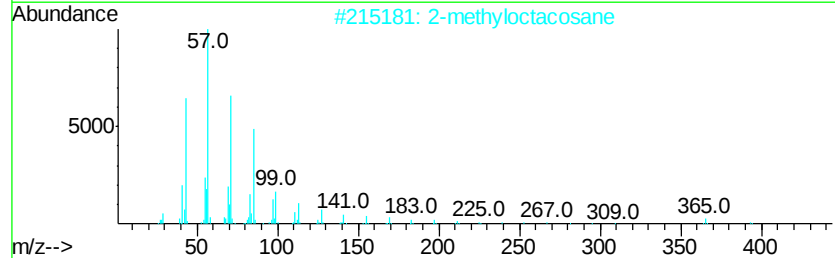
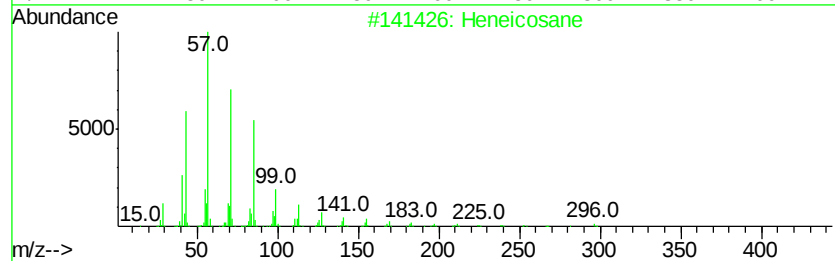
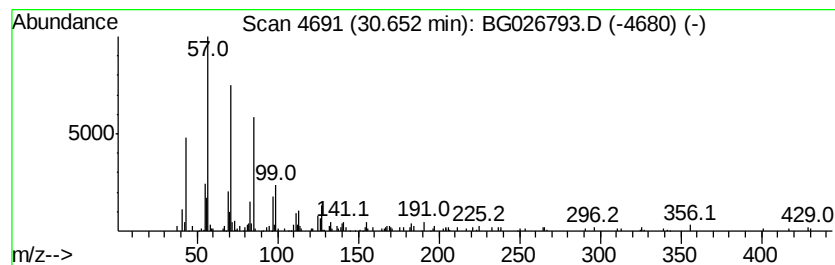
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.65	2.46 ng/ul	371022	Perylene-d12	24.75

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	93
2		2-methyloctacosane	408	C29H60	1000376-72-8	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4		Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	90
5		Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG043017\
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSZ8

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	18.23	2.4	ng/ul	300305	4	17.36	2507030	20.0
(DEL) Alkane: Str...	25.84	2.5	ng/ul	376057	6	24.75	3017870	20.0
(DEL) Alkane: Str...	27.15	3.0	ng/ul	452409	6	24.75	3017870	20.0
(DEL) Alkane: Str...	28.74	2.3	ng/ul	342734	6	24.75	3017870	20.0
(DEL) Alkane: Str...	30.65	2.5	ng/ul	371022	6	24.75	3017870	20.0