

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026755.D
 Acq On : 28 Apr 2017 20:21
 Operator : SJ/MA
 Sample : I2816-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT37

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	3.423	53	57	67	rVB2	32630	53817	1.24%	0.108%
2	3.517	71	73	78	rVB3	4878	5800	0.13%	0.012%
3	3.811	122	123	129	rVB4	4716	6923	0.16%	0.014%
4	4.187	180	187	194	rBV4	7150	15468	0.36%	0.031%
5	4.821	288	295	301	rBV8	3863	10328	0.24%	0.021%
6	5.115	339	345	351	rBV9	5877	10265	0.24%	0.021%
7	5.315	374	379	383	rBV6	2689	5580	0.13%	0.011%
8	5.391	390	392	400	rVB4	2740	7019	0.16%	0.014%
9	5.579	419	424	432	rBV6	2685	6516	0.15%	0.013%
10	6.220	528	533	539	rBV7	5517	11954	0.28%	0.024%
11	7.189	690	698	715	rBV	626189	1178859	27.27%	2.361%
12	7.330	715	722	733	rVB	564256	930887	21.53%	1.864%
13	7.418	735	737	748	rVB7	5009	13565	0.31%	0.027%
14	7.547	752	759	772	rBV	675101	1188947	27.50%	2.381%
15	8.006	828	837	850	rBV	454392	798079	18.46%	1.598%
16	8.358	893	897	901	rBV3	3372	5966	0.14%	0.012%
17	8.723	949	959	985	rVV	873476	1655089	38.29%	3.315%
18	9.169	1026	1035	1049	rBV	625449	1150901	26.62%	2.305%
19	9.334	1055	1063	1070	rVB10	4904	11784	0.27%	0.024%
20	9.586	1102	1106	1111	rVB2	16905	26116	0.60%	0.052%
21	9.892	1147	1158	1169	rVV	560073	1011295	23.39%	2.026%
22	10.438	1243	1251	1280	rVB	850424	1665906	38.54%	3.337%
23	10.808	1304	1314	1327	rVB	785656	1390542	32.17%	2.785%
24	10.943	1328	1337	1363	rVV	924159	1785238	41.30%	3.576%
25	11.108	1363	1365	1372	rVB7	2993	5988	0.14%	0.012%
26	12.395	1578	1584	1593	rBV3	14301	28685	0.66%	0.057%
27	13.235	1721	1727	1734	rBV8	3225	6404	0.15%	0.013%
28	13.358	1743	1748	1754	rBV6	5688	10733	0.25%	0.021%
29	13.446	1754	1763	1766	rVB7	7656	13453	0.31%	0.027%
30	13.840	1824	1830	1834	rBV6	2940	5340	0.12%	0.011%
31	14.022	1852	1861	1866	rBV	1761263	2580779	59.70%	5.169%
32	14.069	1866	1869	1877	rVV	322507	433388	10.03%	0.868%
33	14.134	1877	1880	1885	rVB5	5040	8250	0.19%	0.017%
34	14.316	1899	1911	1923	rBV	2109642	3340417	77.28%	6.691%

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 Title : SVOA CALIBRATION

35	14.510	1939	1944	1949	rVB	43629	57456	1.33%	0.115%
36	14.621	1949	1963	1975	rBV2	1242964	1993901	46.13%	3.994%
37	14.716	1975	1979	1983	rVB4	4443	6811	0.16%	0.014%
38	14.768	1983	1988	1990	rBV4	3652	6265	0.14%	0.013%
39	14.839	1993	2000	2017	rBV2	430622	1020377	23.61%	2.044%
40	15.003	2025	2028	2033	rVB6	8902	12345	0.29%	0.025%
41	15.062	2034	2038	2043	rVB4	8927	11307	0.26%	0.023%
42	15.121	2044	2048	2056	rVB8	13627	25154	0.58%	0.050%
43	15.191	2056	2060	2066	rVB5	10476	16103	0.37%	0.032%
44	15.356	2086	2088	2092	rVB4	5523	5922	0.14%	0.012%
45	15.403	2092	2096	2101	rBV3	11921	22421	0.52%	0.045%
46	15.456	2101	2105	2111	rVV	92186	117826	2.73%	0.236%
47	15.515	2111	2115	2118	rVV6	8532	13632	0.32%	0.027%
48	15.556	2118	2122	2124	rVV5	5779	8669	0.20%	0.017%
49	15.609	2124	2131	2141	rVB	2759160	4094351	94.72%	8.201%
50	15.726	2141	2151	2166	rBV	704584	1118164	25.87%	2.240%
51	15.849	2166	2172	2178	rVV3	56466	126401	2.92%	0.253%
52	15.896	2178	2180	2185	rVV5	9542	11612	0.27%	0.023%
53	15.955	2185	2190	2194	rVV7	11006	14661	0.34%	0.029%
54	16.008	2195	2199	2205	rVB8	13938	19422	0.45%	0.039%
55	16.073	2205	2210	2214	rBV5	17953	19624	0.45%	0.039%
56	16.184	2221	2229	2236	rBV5	5227	20168	0.47%	0.040%
57	16.314	2246	2251	2260	rBV	102116	186175	4.31%	0.373%
58	16.490	2276	2281	2284	rVB7	5628	10755	0.25%	0.022%
59	16.566	2285	2294	2301	rVV7	5303	17344	0.40%	0.035%
60	16.649	2304	2308	2312	rBV4	14513	26067	0.60%	0.052%
61	16.719	2317	2320	2323	rVB5	8909	10141	0.23%	0.020%
62	16.772	2323	2329	2332	rBV5	9652	13007	0.30%	0.026%
63	16.819	2334	2337	2341	rVB6	9472	12139	0.28%	0.024%
64	16.889	2341	2349	2351	rBV8	8188	14301	0.33%	0.029%
65	16.960	2359	2361	2366	rVB6	5326	7208	0.17%	0.014%
66	17.101	2381	2385	2389	rBV	51210	64576	1.49%	0.129%
67	17.148	2389	2393	2407	rVB7	21701	45938	1.06%	0.092%
68	17.254	2409	2411	2417	rVB6	7697	10449	0.24%	0.021%
69	17.354	2420	2428	2436	rBV2	1392429	2097941	48.53%	4.202%
70	17.453	2436	2445	2466	rVB2	2678189	4135022	95.66%	8.282%
71	17.753	2491	2496	2501	rVB8	4149	6983	0.16%	0.014%

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72	17.835	2507	2510	2517	rVB7	10275	15119	0.35%	0.030%
73	18.006	2536	2539	2544	rVB6	4147	5994	0.14%	0.012%
74	18.112	2556	2557	2563	rVB6	4288	5623	0.13%	0.011%
75	18.235	2572	2578	2597	rBV2	143169	284494	6.58%	0.570%
76	18.529	2622	2628	2629	rVV6	5286	6606	0.15%	0.013%
77	18.540	2629	2630	2636	rVV6	5268	7960	0.18%	0.016%
78	18.599	2636	2640	2645	rVB8	5383	11189	0.26%	0.022%
79	18.646	2645	2648	2653	rBV6	4752	8574	0.20%	0.017%
80	18.752	2663	2666	2672	rVB8	4944	5694	0.13%	0.011%
81	18.817	2673	2677	2684	rBV10	5131	8184	0.19%	0.016%
82	19.198	2741	2742	2745	rBV3	4230	5339	0.12%	0.011%
83	19.375	2766	2772	2779	rBV2	38526	65009	1.50%	0.130%
84	19.504	2789	2794	2807	rBV4	44012	88420	2.05%	0.177%
85	19.622	2810	2814	2822	rVB	29684	53630	1.24%	0.107%
86	19.733	2825	2833	2845	rBV	2931076	4275474	98.91%	8.563%
87	20.174	2904	2908	2914	rBV9	12703	19696	0.46%	0.039%
88	20.327	2930	2934	2937	rBV6	6576	9474	0.22%	0.019%
89	20.685	2992	2995	2997	rBV4	11546	14006	0.32%	0.028%
90	21.161	3072	3076	3079	rBV6	10914	16615	0.38%	0.033%
91	21.596	3143	3150	3159	rBV	1320551	2156648	49.89%	4.320%
92	22.371	3277	3282	3286	rBV5	20891	34736	0.80%	0.070%
93	23.041	3392	3396	3404	rVB2	44633	86164	1.99%	0.173%
94	23.828	3523	3530	3539	rVB4	63700	144427	3.34%	0.289%
95	24.545	3639	3652	3665	rBV2	1597081	4322713	100.00%	8.658%
96	24.757	3677	3688	3703	rVB2	859741	2443997	56.54%	4.895%
97	25.844	3865	3873	3885	rVB3	87831	259178	6.00%	0.519%
98	27.154	4088	4096	4108	rVB4	79217	279194	6.46%	0.559%
99	28.746	4356	4367	4381	rVB5	63623	264228	6.11%	0.529%
100	30.667	4684	4694	4709	rVB6	53952	248100	5.74%	0.497%

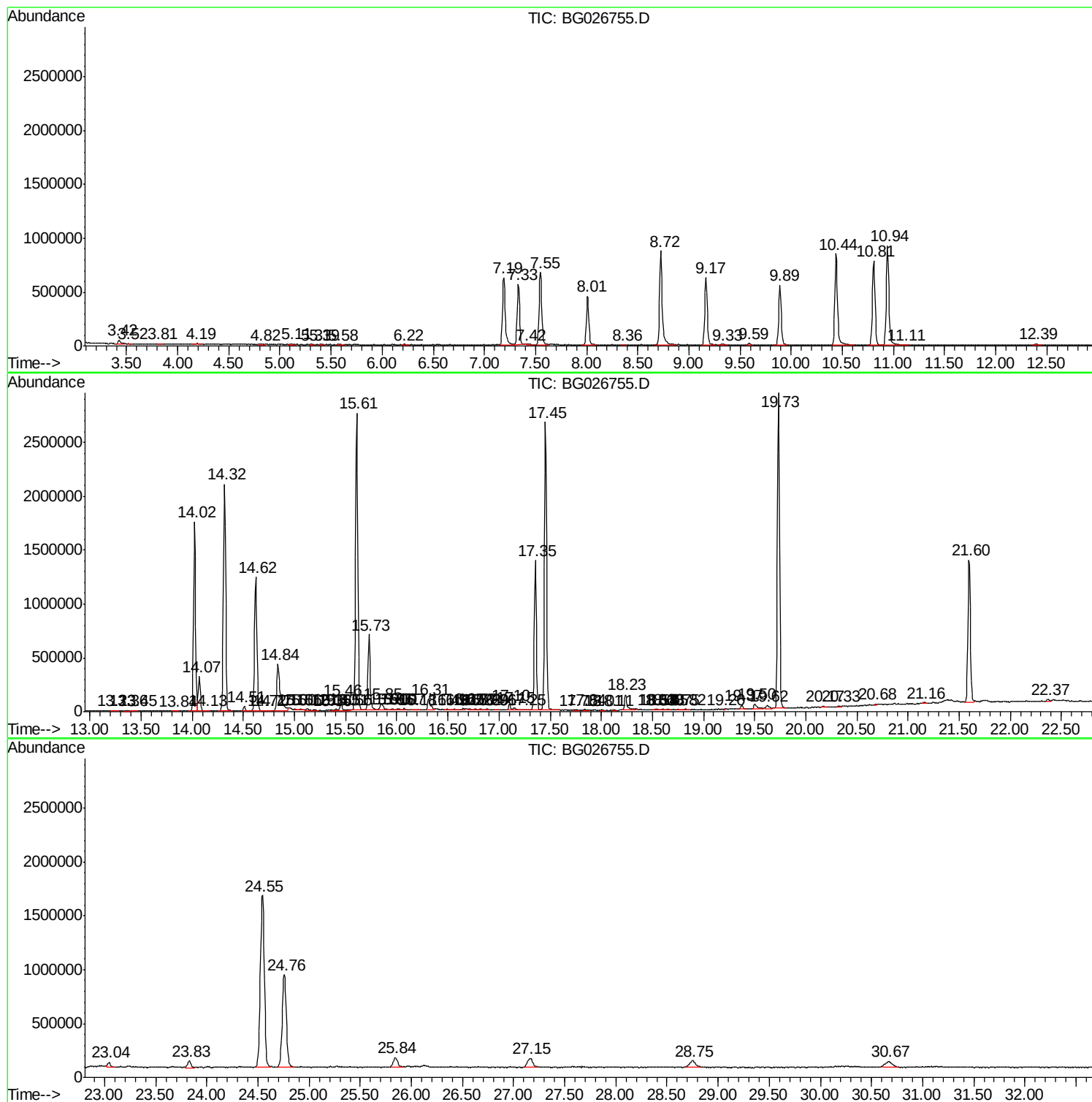
Sum of corrected areas: 49927404

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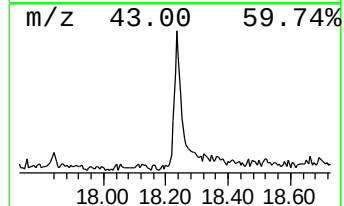
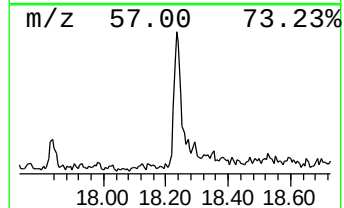
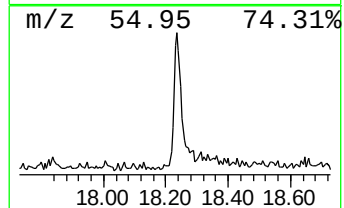
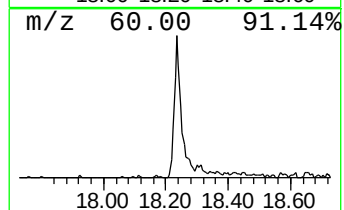
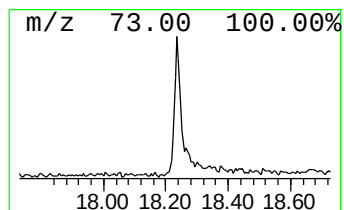
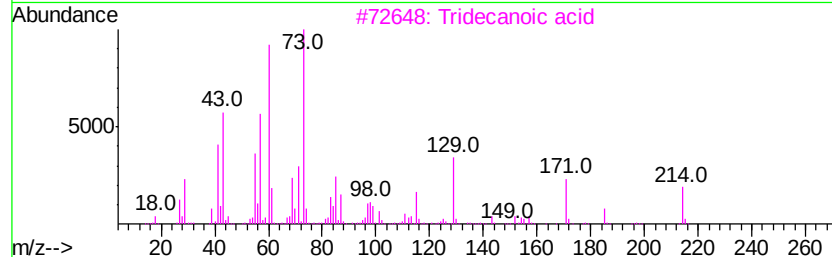
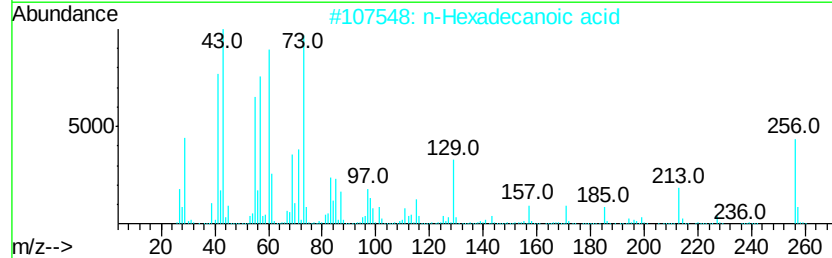
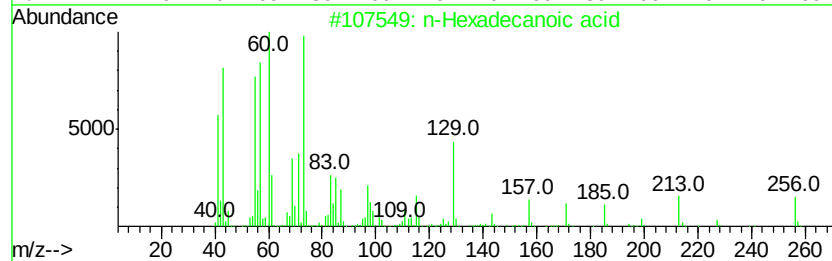
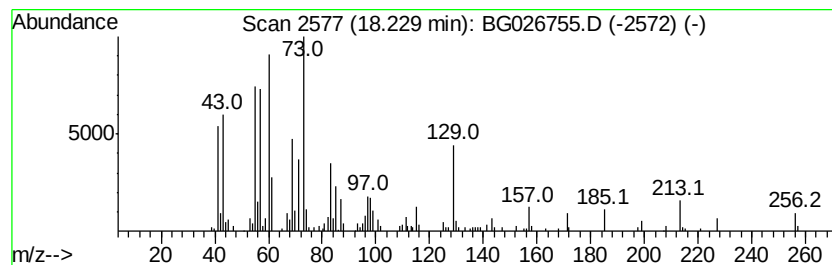
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	2.71 ng/ul	284494	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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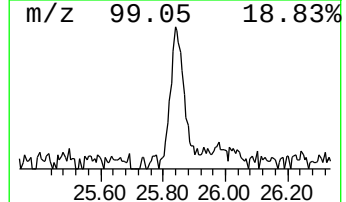
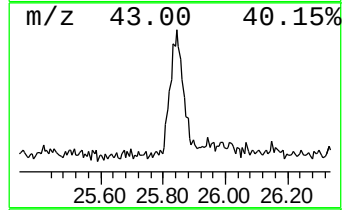
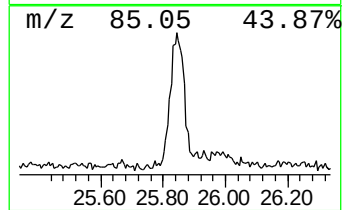
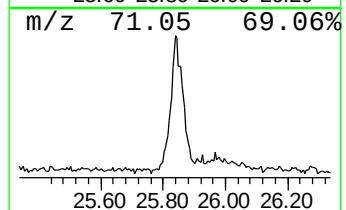
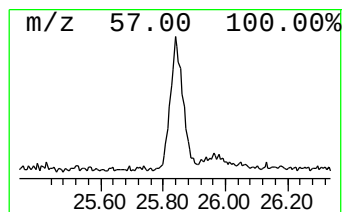
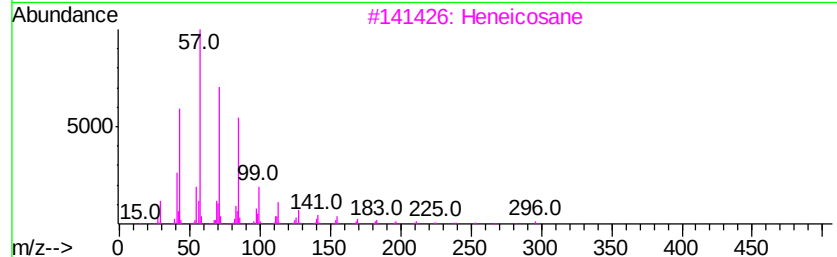
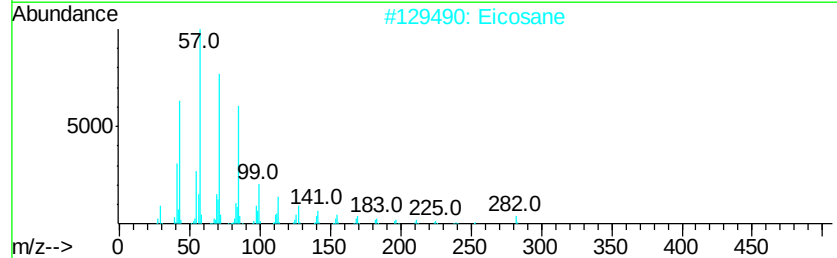
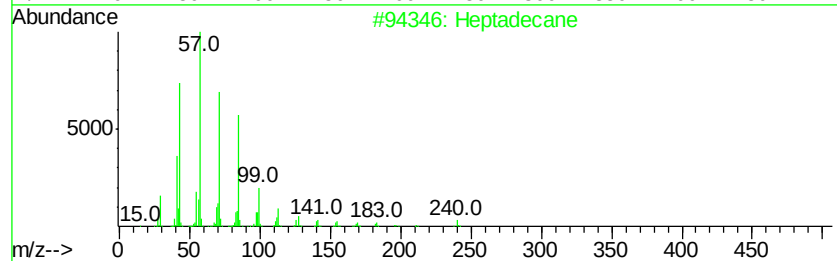
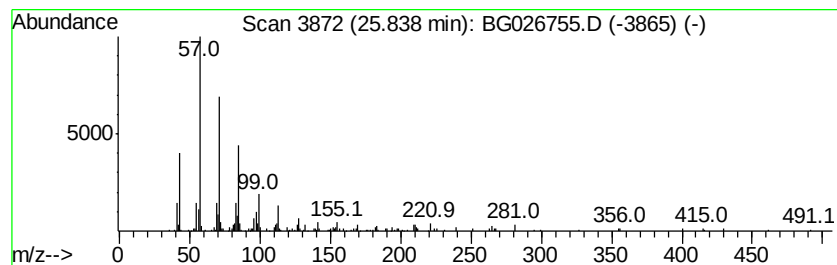
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.12 ng/ul	259178	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Eicosane	282	C20H42	000112-95-8	83
3		Heneicosane	296	C21H44	000629-94-7	83
4		Hexacosane	366	C26H54	000630-01-3	83
5		Heneicosane	296	C21H44	000629-94-7	80



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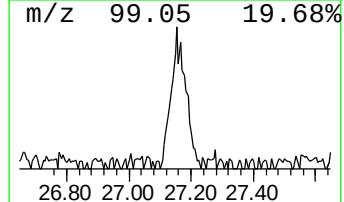
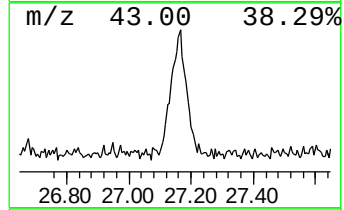
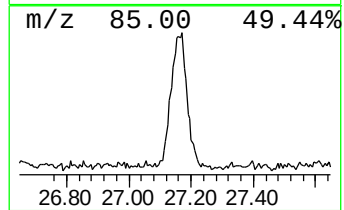
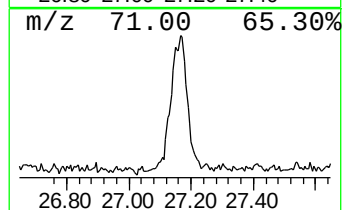
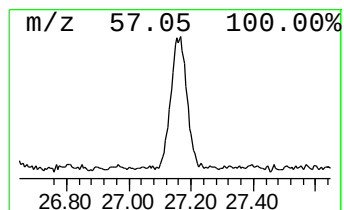
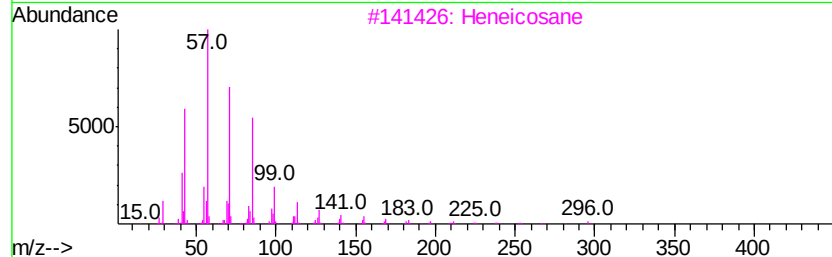
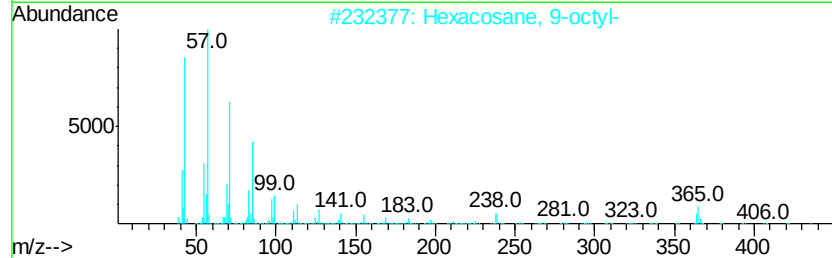
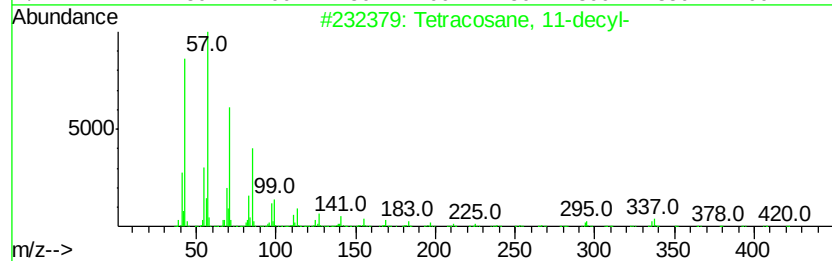
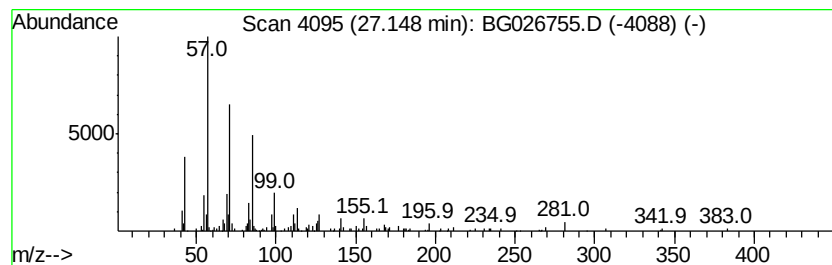
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.28 ng/ul	279194	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
2			Hexacosane, 9-octyl-	479	C34H70	055429-83-9	80
3			Heneicosane	296	C21H44	000629-94-7	80
4			2-methyltetracosane	352	C25H52	1000376-72-6	80
5			Docosane, 11-decyl-	451	C32H66	055401-55-3	80



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Instrument :
BNA_G
ClientSampleId :
JHT37

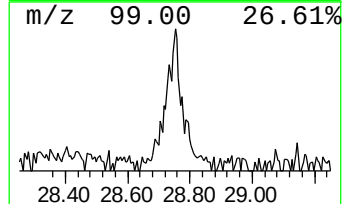
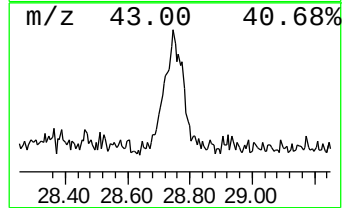
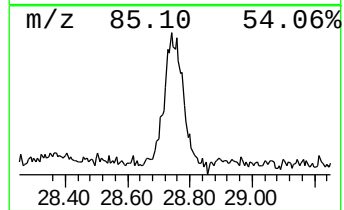
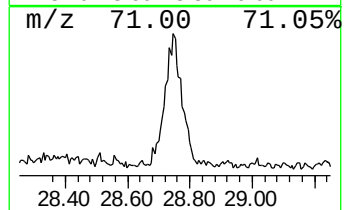
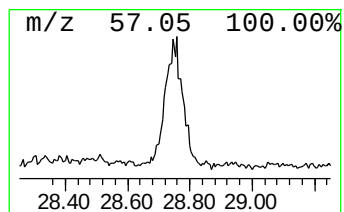
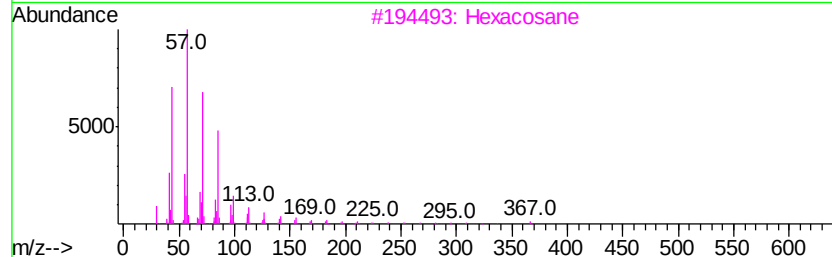
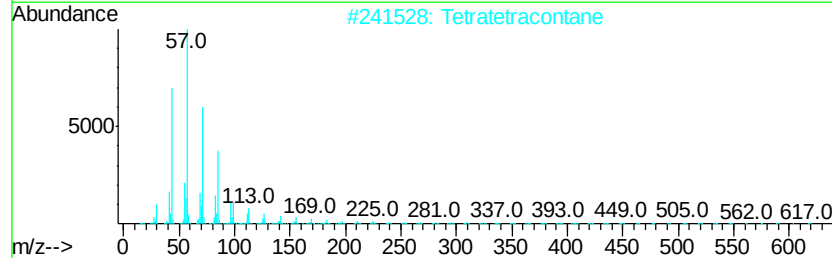
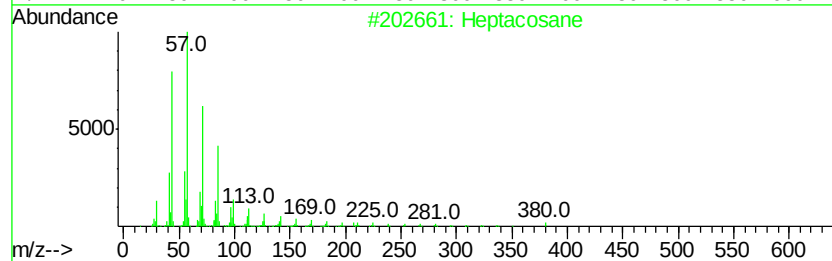
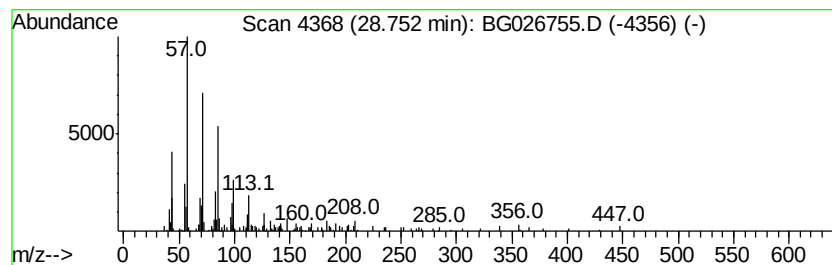
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.16 ng/ul	264228	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Hexacosane	366	C26H54	000630-01-3	83
4		5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	80
5		Octadecane	254	C18H38	000593-45-3	74



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026755.D
Acq On : 28 Apr 2017 20:21
Operator : SJ/MA
Sample : I2816-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT37

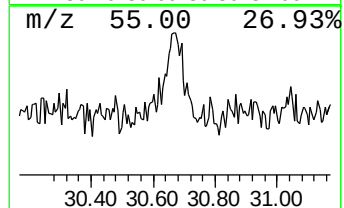
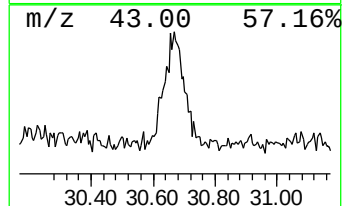
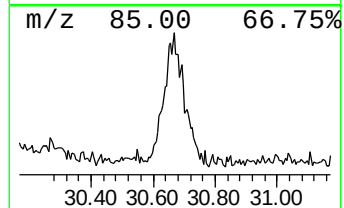
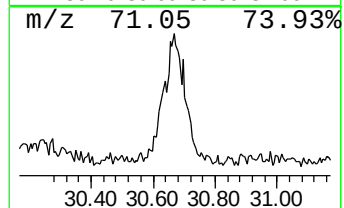
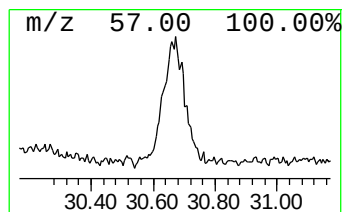
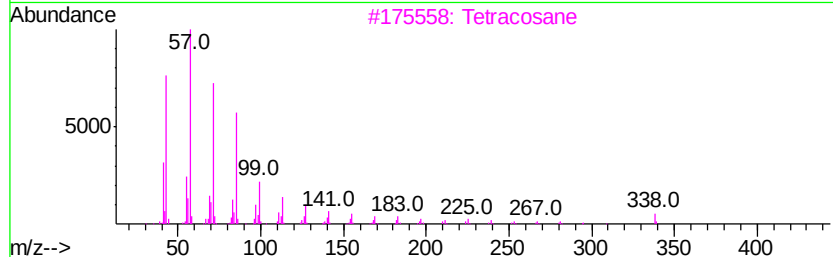
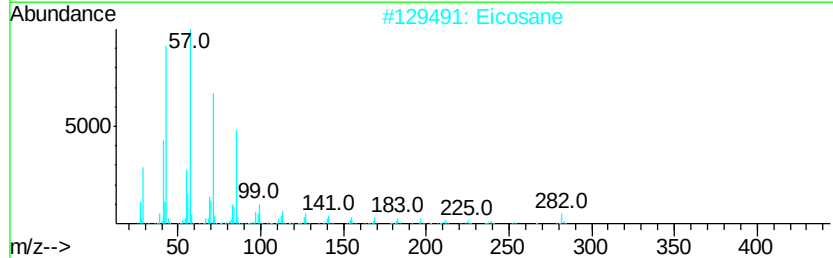
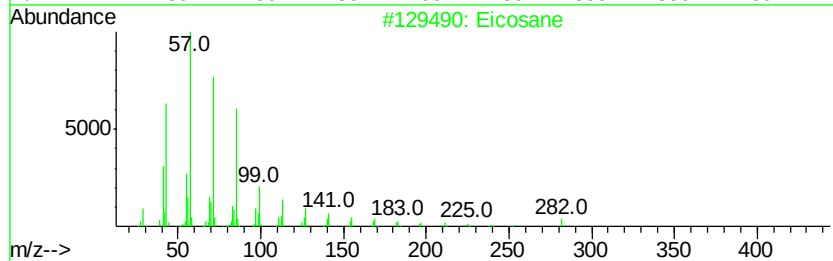
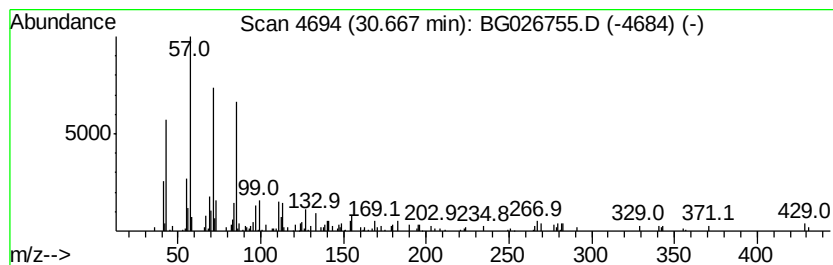
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.67	2.03 ng/ul	248100	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Eicosane	282	C20H42	000112-95-8	90
3		Tetracosane	338	C24H50	000646-31-1	72
4		Hexacosane	366	C26H54	000630-01-3	72
5		Hexacosane	366	C26H54	000630-01-3	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
Data File : BG026755.D
Acq On : 28 Apr 2017 20:21
Operator : SJ/MA
Sample : I2816-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT37

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	2.7	ng/ul	284494	4	17.35	2097940	20.0
(DEL) Alkane: Str...	25.84	2.1	ng/ul	259178	6	24.76	2444000	20.0
(DEL) Alkane: Str...	27.15	2.3	ng/ul	279194	6	24.76	2444000	20.0
(DEL) Alkane: Str...	28.75	2.2	ng/ul	264228	6	24.76	2444000	20.0
(DEL) Alkane: Str...	30.67	2.0	ng/ul	248100	6	24.76	2444000	20.0