

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
 Data File : BG027501.D
 Acq On : 17 Jun 2017 10:34
 Operator : SJ/MA
 Sample : I3599-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5E13

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-BG061617.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	3.968	10	13	16	rBV3	1781	2185	0.16%	0.014%
2	4.080	27	32	41	rVB3	7430	13403	0.97%	0.083%
3	6.060	362	369	375	rBV2	907	2126	0.15%	0.013%
4	6.600	455	461	468	rVB5	2889	5373	0.39%	0.033%
5	7.270	568	575	579	rBV3	1106	2259	0.16%	0.014%
6	7.464	605	608	611	rBV4	1360	2053	0.15%	0.013%
7	7.652	629	640	656	rVB	155501	301725	21.90%	1.875%
8	7.828	656	670	683	rBV	123320	224473	16.29%	1.395%
9	8.051	698	708	719	rBV	144117	266240	19.32%	1.655%
10	8.521	778	788	796	rVB	133743	239957	17.41%	1.491%
11	8.739	822	825	832	rVB3	1000	1871	0.14%	0.012%
12	9.191	888	902	913	rBV	195804	359145	26.06%	2.232%
13	9.679	976	985	994	rBV	142912	277387	20.13%	1.724%
14	9.743	994	996	1002	rVB4	2631	2942	0.21%	0.018%
15	9.814	1002	1008	1012	rBV3	1538	2533	0.18%	0.016%
16	10.043	1041	1047	1052	rVB3	1028	2032	0.15%	0.013%
17	10.402	1101	1108	1117	rBV	121736	229377	16.65%	1.425%
18	10.942	1191	1200	1211	rVV	190597	353980	25.69%	2.200%
19	11.336	1259	1267	1280	rBV	212145	404258	29.34%	2.512%
20	11.459	1280	1288	1301	rVV	188337	372457	27.03%	2.315%
21	12.887	1523	1531	1536	rVB5	2531	4782	0.35%	0.030%
22	13.463	1622	1629	1634	rVV4	2105	3693	0.27%	0.023%
23	13.692	1662	1668	1674	rBV4	2027	3529	0.26%	0.022%
24	13.892	1694	1702	1706	rBV5	2861	4495	0.33%	0.028%
25	13.962	1710	1714	1722	rBV5	1880	3715	0.27%	0.023%
26	14.491	1794	1804	1808	rBV	442298	661988	48.04%	4.114%
27	14.532	1808	1811	1818	rVB	134666	198904	14.44%	1.236%
28	14.802	1846	1857	1867	rBV	447855	733983	53.27%	4.561%
29	14.955	1876	1883	1888	rVB	13664	18564	1.35%	0.115%
30	15.037	1892	1897	1900	rVV4	1501	2985	0.22%	0.019%
31	15.102	1900	1908	1918	rVB2	356841	616548	44.75%	3.832%
32	15.272	1924	1937	1951	rBV	186354	339588	24.65%	2.110%
33	15.402	1951	1959	1964	rVV7	3366	8466	0.61%	0.053%
34	15.449	1964	1967	1973	rVV4	2638	3801	0.28%	0.024%

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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
 Title : SVOA CALIBRATION

35	15.513	1973	1978	1981	rVV6	2314	3732	0.27%	0.023%
36	15.566	1983	1987	1994	rVB5	2860	5735	0.42%	0.036%
37	15.637	1994	1999	2003	rVB4	3287	4413	0.32%	0.027%
38	15.678	2003	2006	2013	rVB4	1376	2771	0.20%	0.017%
39	15.801	2019	2027	2033	rBV5	1742	3635	0.26%	0.023%
40	15.866	2033	2038	2040	rBV2	2505	3379	0.25%	0.021%
41	15.901	2040	2044	2050	rVB2	25351	34008	2.47%	0.211%
42	15.960	2050	2054	2060	rBV6	2657	5844	0.42%	0.036%
43	16.013	2060	2063	2067	rBV4	1342	1849	0.13%	0.011%
44	16.095	2068	2077	2084	rBV	620970	1006631	73.06%	6.256%
45	16.195	2086	2094	2103	rVB	210681	334642	24.29%	2.080%
46	16.324	2105	2116	2124	rBV8	7379	26672	1.94%	0.166%
47	16.406	2126	2130	2133	rVB2	3445	4079	0.30%	0.025%
48	16.453	2133	2138	2146	rBV7	3722	6294	0.46%	0.039%
49	16.524	2146	2150	2156	rVB4	3541	4849	0.35%	0.030%
50	16.765	2186	2191	2202	rBV2	27804	46248	3.36%	0.287%
51	16.929	2216	2219	2223	rBV5	1341	2005	0.15%	0.012%
52	17.041	2233	2238	2242	rBV6	2160	4074	0.30%	0.025%
53	17.117	2245	2251	2253	rBV5	2759	4587	0.33%	0.029%
54	17.170	2257	2260	2264	rVB5	2531	2706	0.20%	0.017%
55	17.217	2264	2268	2273	rBV5	3471	6284	0.46%	0.039%
56	17.276	2275	2278	2284	rVB4	3742	5191	0.38%	0.032%
57	17.340	2284	2289	2293	rBV5	3050	5247	0.38%	0.033%
58	17.387	2293	2297	2300	rBV6	1632	2666	0.19%	0.017%
59	17.558	2320	2326	2331	rBV2	14388	18964	1.38%	0.118%
60	17.740	2352	2357	2362	rVB4	2337	4078	0.30%	0.025%
61	17.858	2368	2377	2386	rBV	484790	803895	58.34%	4.996%
62	17.957	2387	2394	2405	rVV2	706490	1183017	85.86%	7.352%
63	18.034	2405	2407	2413	rVB5	2894	5213	0.38%	0.032%
64	18.104	2413	2419	2426	rBV7	3076	7350	0.53%	0.046%
65	18.298	2448	2452	2456	rBV2	3693	5476	0.40%	0.034%
66	18.357	2456	2462	2463	rVB4	1236	2017	0.15%	0.013%
67	18.451	2473	2478	2482	rBV4	5592	8688	0.63%	0.054%
68	18.492	2482	2485	2488	rVB5	2003	2187	0.16%	0.014%
69	18.586	2494	2501	2503	rBV7	2370	4557	0.33%	0.028%
70	18.698	2513	2520	2530	rBV	62126	117972	8.56%	0.733%
71	18.780	2530	2534	2538	rVB5	5646	10090	0.73%	0.063%

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72	18.880	2548	2551	2554	rBV4	1898	2181	0.16%	0.014%
73	19.103	2586	2589	2595	rBV6	1822	3437	0.25%	0.021%
74	19.367	2625	2634	2637	rBV7	1496	3531	0.26%	0.022%
75	19.726	2690	2695	2698	rBV6	1582	2690	0.20%	0.017%
76	19.791	2702	2706	2708	rBV5	3069	4156	0.30%	0.026%
77	19.855	2708	2717	2725	rVV6	9518	25228	1.83%	0.157%
78	19.955	2729	2734	2745	rBV6	15351	36406	2.64%	0.226%
79	20.096	2751	2758	2766	rBV	261319	324240	23.53%	2.015%
80	20.225	2772	2780	2789	rVB2	875260	1377901	100.00%	8.563%
81	20.284	2789	2790	2793	rBV3	2610	2869	0.21%	0.018%
82	20.695	2857	2860	2865	rVB6	3915	4473	0.32%	0.028%
83	20.766	2870	2872	2875	rBV4	2165	2099	0.15%	0.013%
84	21.154	2932	2938	2943	rBV	143054	184878	13.42%	1.149%
85	21.776	3040	3044	3056	rBV6	23490	63895	4.64%	0.397%
86	22.058	3089	3092	3097	rBV6	6212	9907	0.72%	0.062%
87	22.229	3113	3121	3128	rBV	482452	922706	66.96%	5.734%
88	22.969	3243	3247	3251	rVB7	6860	10886	0.79%	0.068%
89	23.069	3259	3264	3271	rVB5	15556	27432	1.99%	0.170%
90	23.856	3391	3398	3407	rVB2	33256	72828	5.29%	0.453%
91	24.080	3429	3436	3451	rVB2	39925	91380	6.63%	0.568%
92	24.209	3456	3458	3460	rBV3	4595	4427	0.32%	0.028%
93	24.767	3546	3553	3564	rVB2	51972	125895	9.14%	0.782%
94	25.631	3687	3700	3714	rBV2	409102	1329793	96.51%	8.264%
95	25.878	3717	3742	3762	rVB3	305297	1204607	87.42%	7.486%
96	26.113	3780	3782	3786	rBV5	4395	7240	0.53%	0.045%
97	27.152	3948	3959	3971	rVB2	79558	267495	19.41%	1.662%
98	28.709	4212	4224	4240	rVB5	84433	332512	24.13%	2.066%
99	29.826	4411	4414	4416	rBV4	4088	4659	0.34%	0.029%
100	30.596	4532	4545	4561	rVB2	61667	269600	19.57%	1.675%

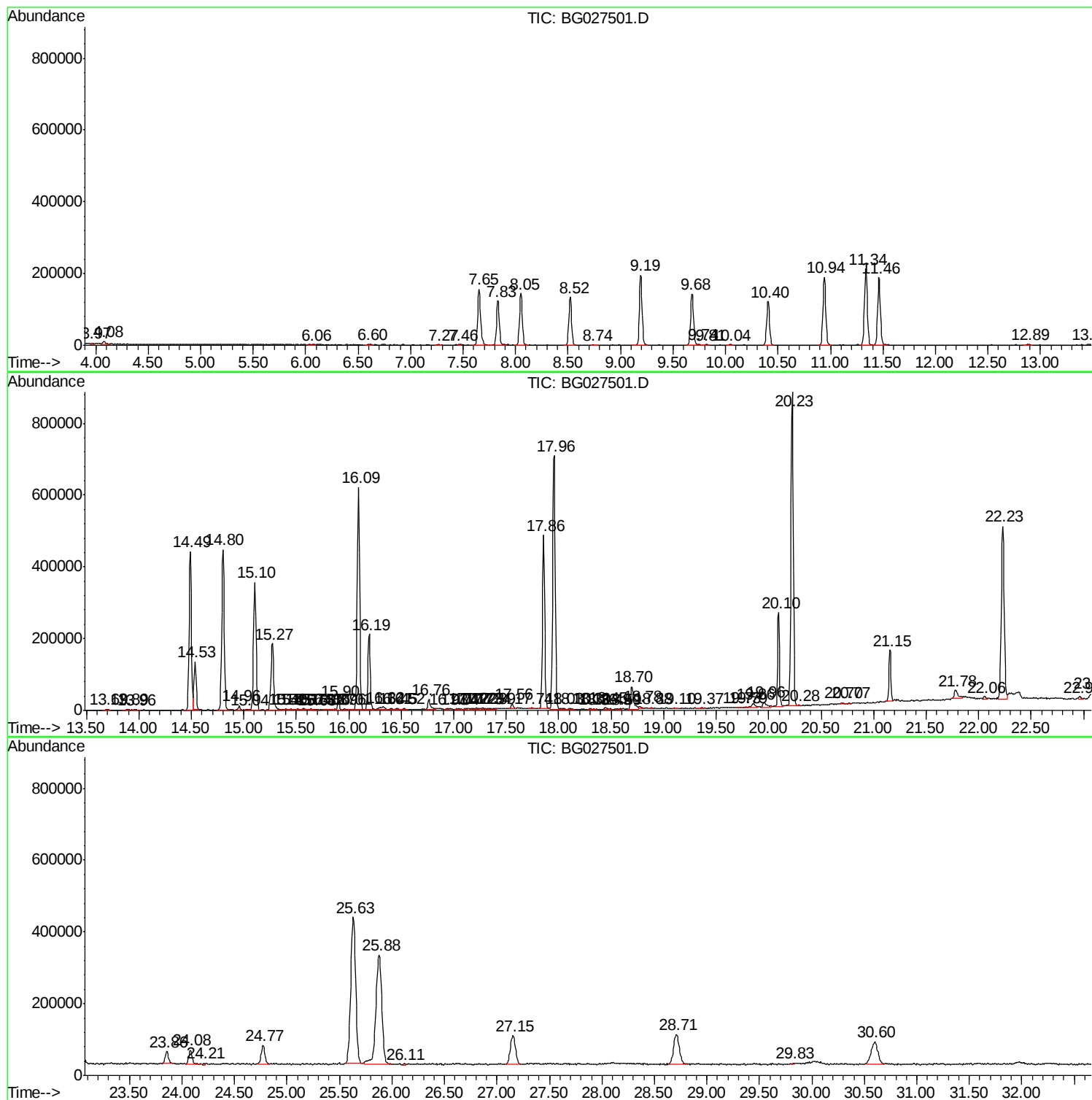
Sum of corrected areas: 16091213

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



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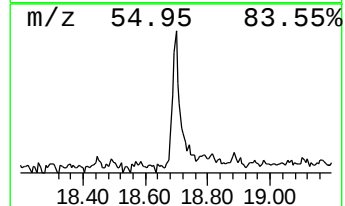
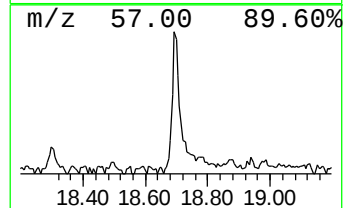
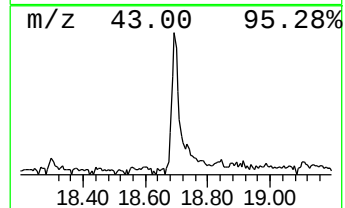
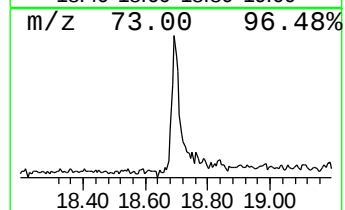
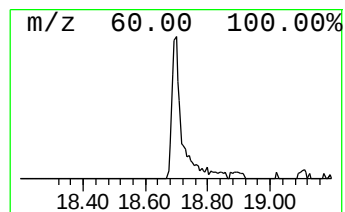
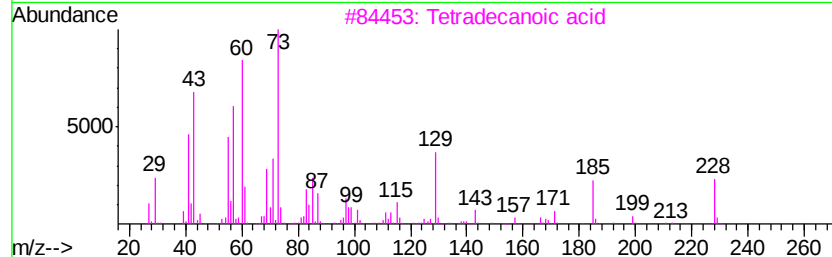
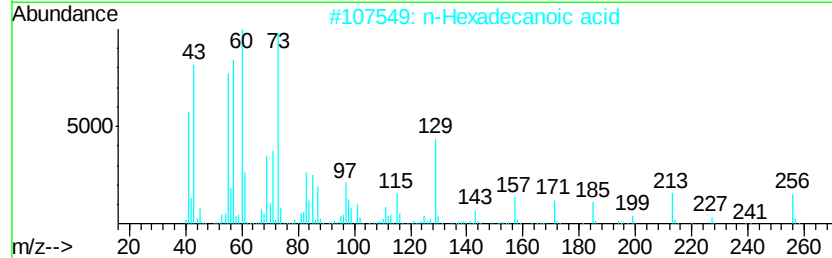
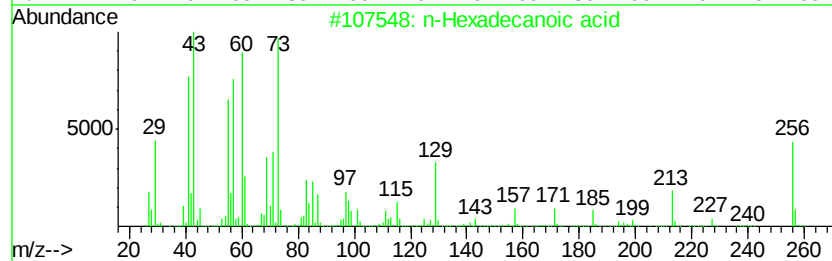
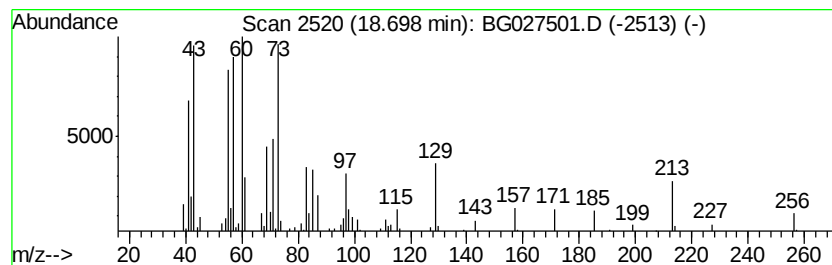
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.70	2.94 ng/ul	117972	Phenanthrene-d10		17.86	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
3	Tetradecanoic acid		228	C14H28O2	000544-63-8	72
4	Tridecanoic acid		214	C13H26O2	000638-53-9	70
5	Tridecanoic acid		214	C13H26O2	000638-53-9	68



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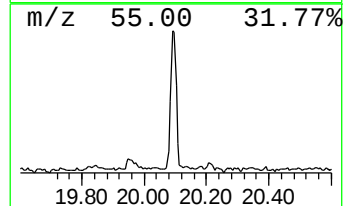
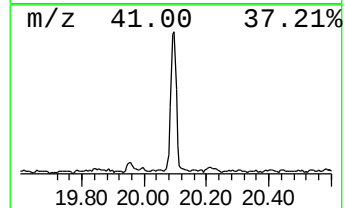
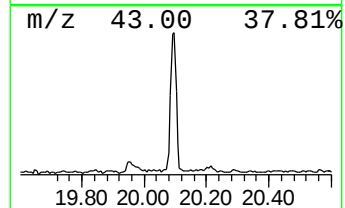
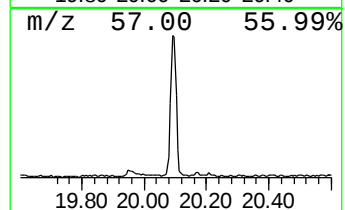
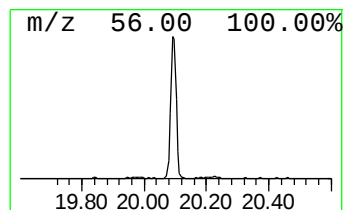
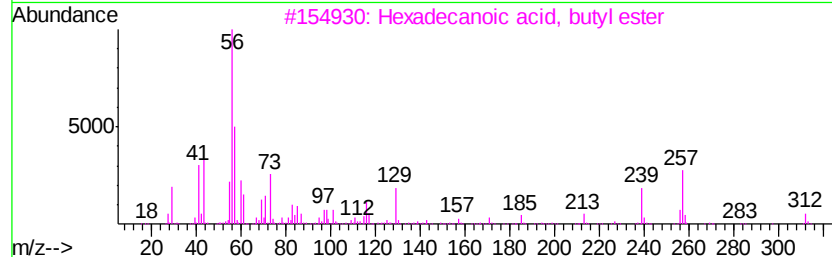
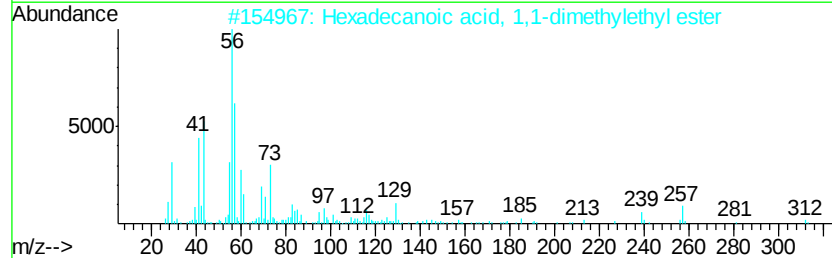
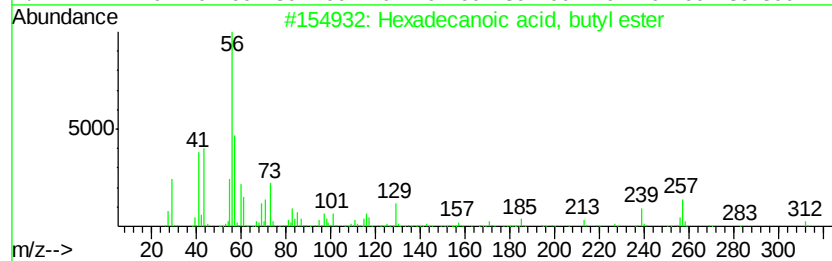
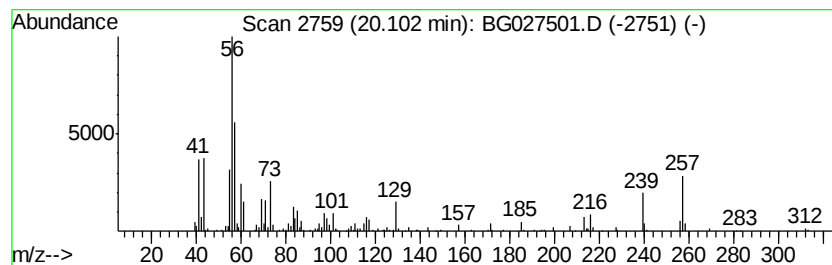
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Hexadecanoic acid, butyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.10	7.03 ng/ul	324240	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
2		Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
3		Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
4		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
5		Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	45



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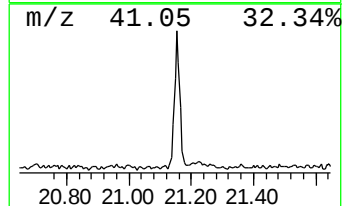
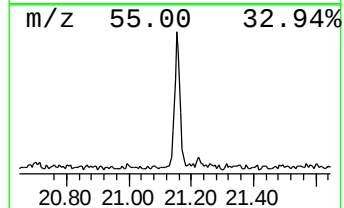
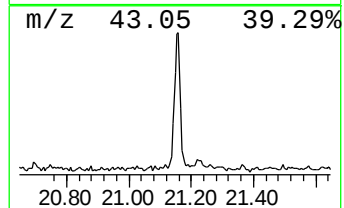
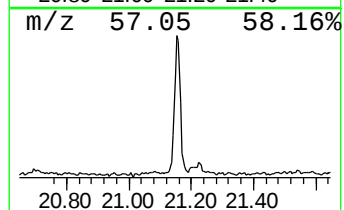
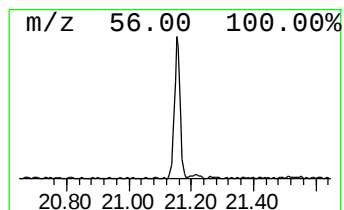
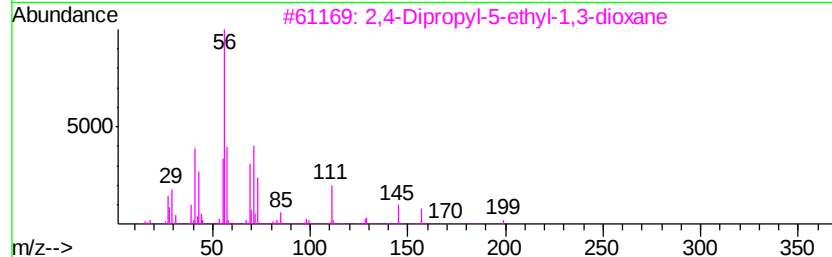
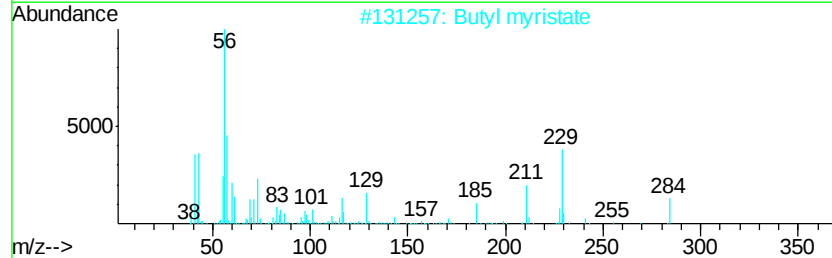
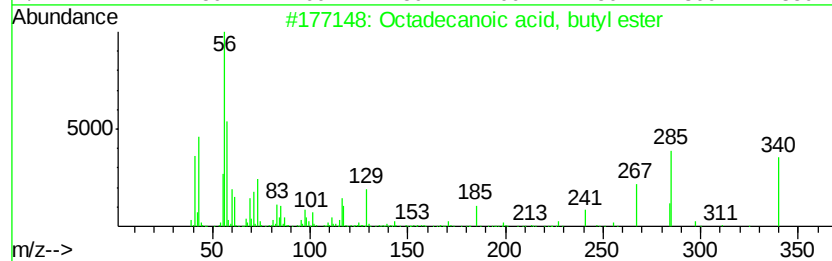
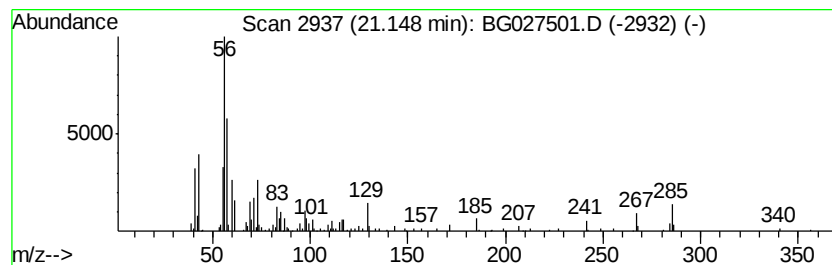
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Peak Number 3 Octadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	4.01 ng/ul	184878	Chrysene-d12	22.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	91
2		Butyl myristate	284	C18H36O2	000110-36-1	64
3		2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	38
4		Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
5		2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027501.D
Acq On : 17 Jun 2017 10:34
Operator : SJ/MA
Sample : I3599-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E13

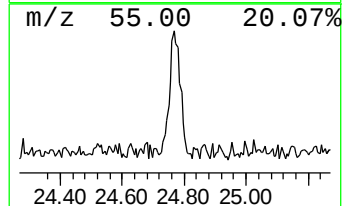
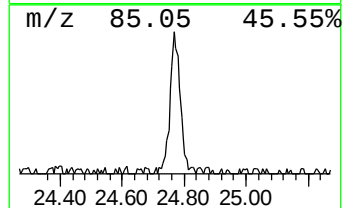
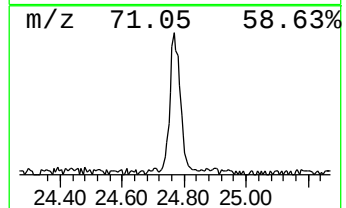
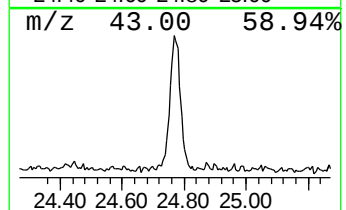
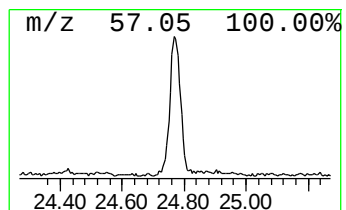
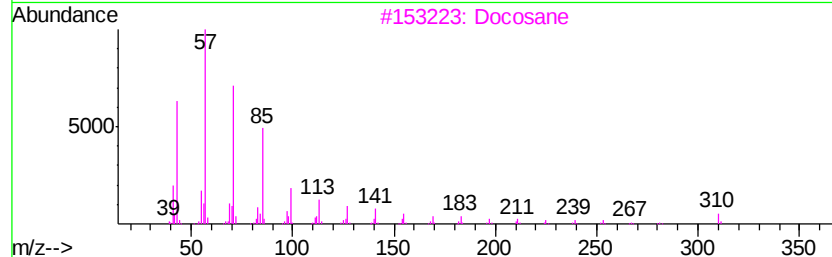
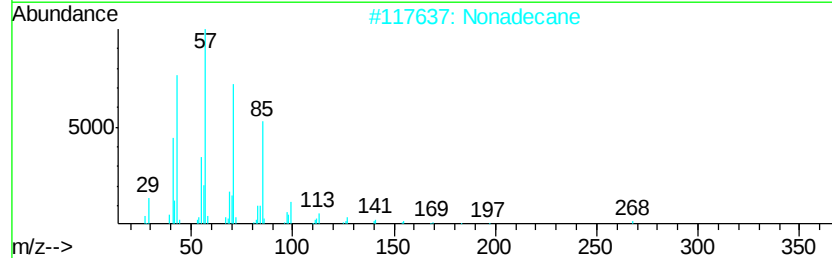
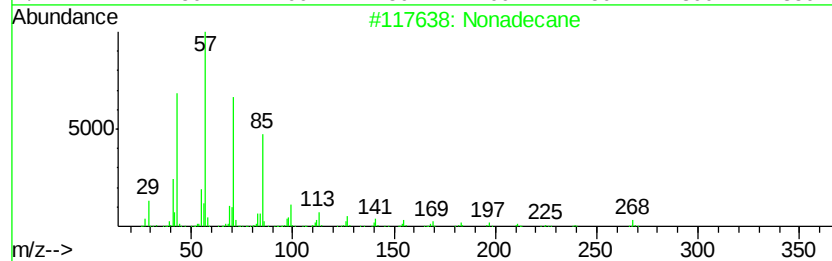
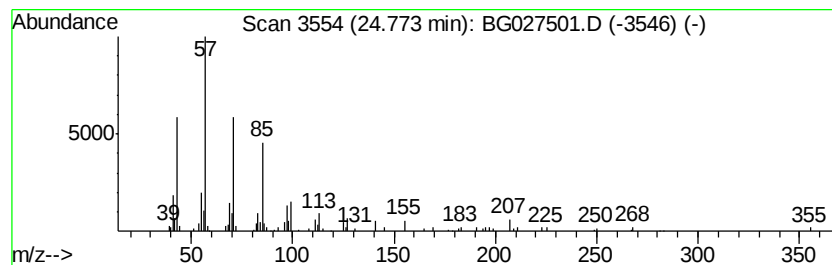
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.77	2.09 ng/ul	125895	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	95
2		Nonadecane	268	C19H40	000629-92-5	93
3		Docosane	310	C22H46	000629-97-0	91
4		triacontane	422	C30H62	000638-68-6	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027501.D
Acq On : 17 Jun 2017 10:34
Operator : SJ/MA
Sample : I3599-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E13

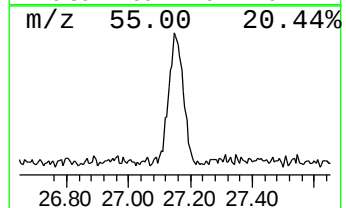
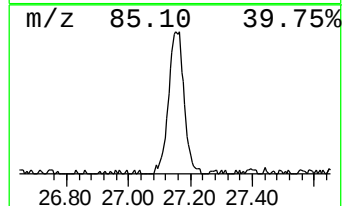
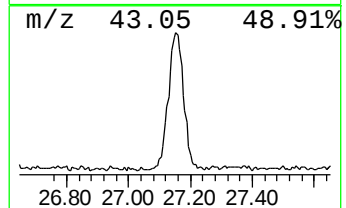
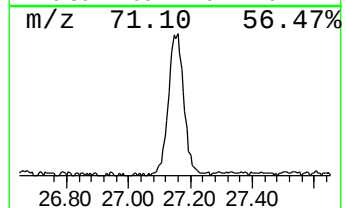
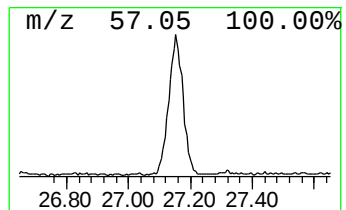
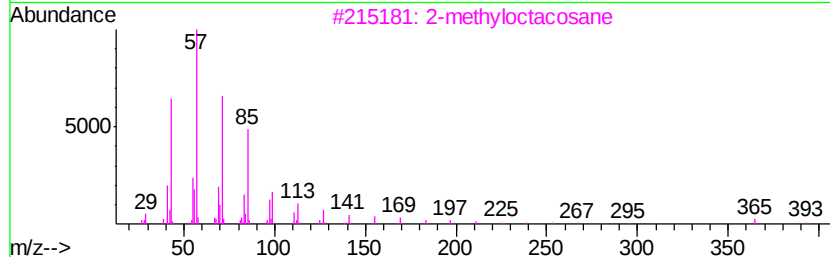
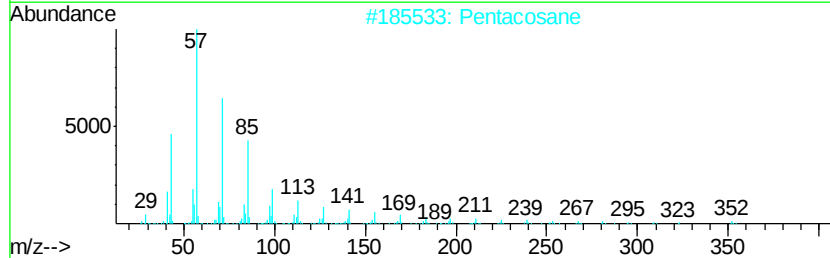
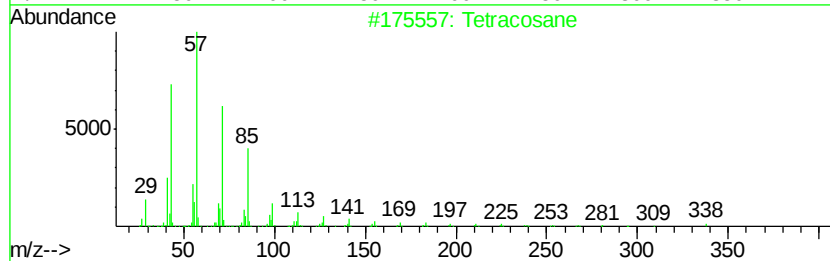
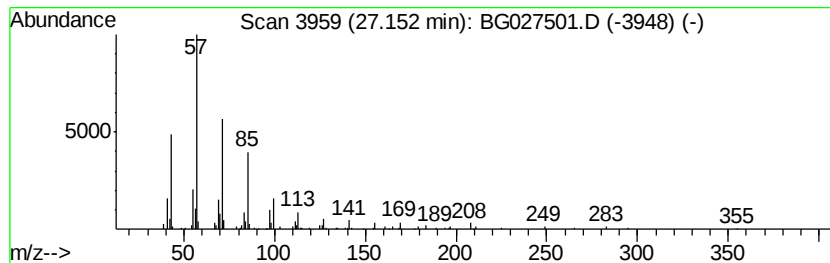
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	4.44 ng/ul	267495	Perylene-d12	25.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	90
2		Pentacosane	352	C25H52	000629-99-2	90
3		2-methyloctacosane	408	C29H60	1000376-72-8	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Docosane	310	C22H46	000629-97-0	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027501.D
Acq On : 17 Jun 2017 10:34
Operator : SJ/MA
Sample : I3599-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E13

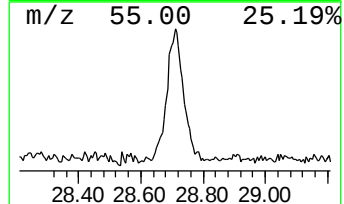
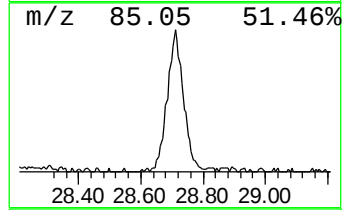
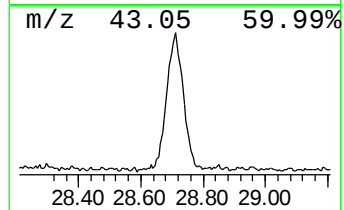
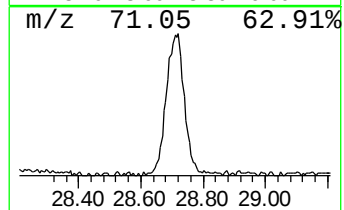
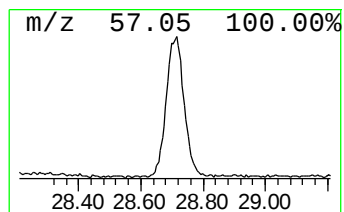
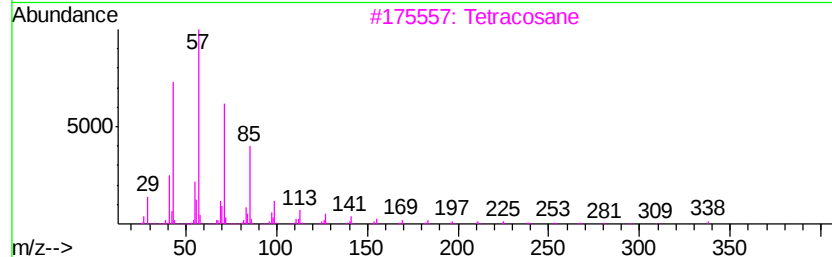
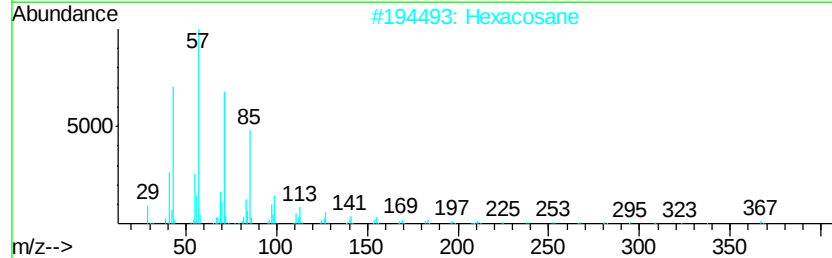
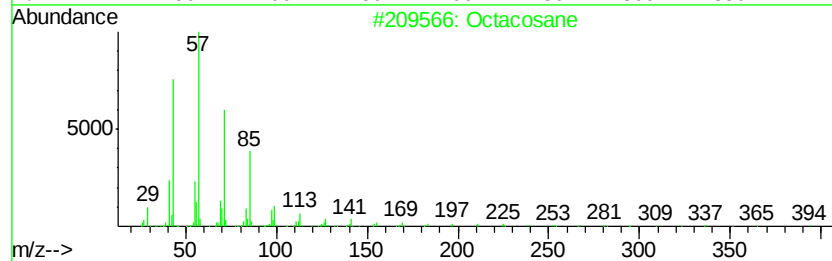
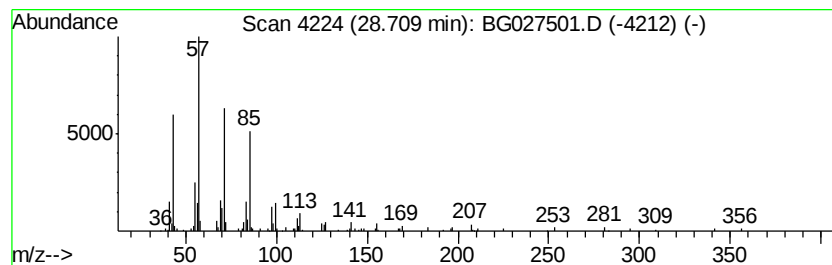
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.71	5.52 ng/ul	332512	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	90
2			Hexacosane	366	C26H54	000630-01-3	90
3			Tetracosane	338	C24H50	000646-31-1	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Hexatriacontane	507	C36H74	000630-06-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027501.D
Acq On : 17 Jun 2017 10:34
Operator : SJ/MA
Sample : I3599-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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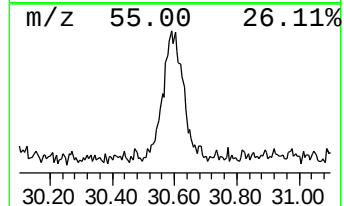
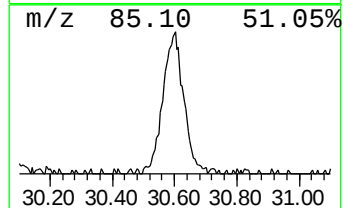
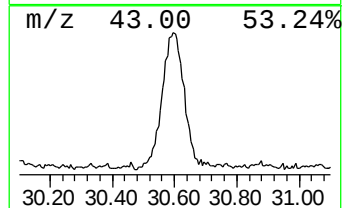
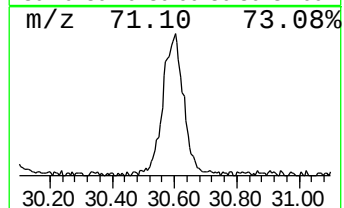
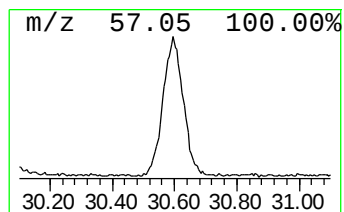
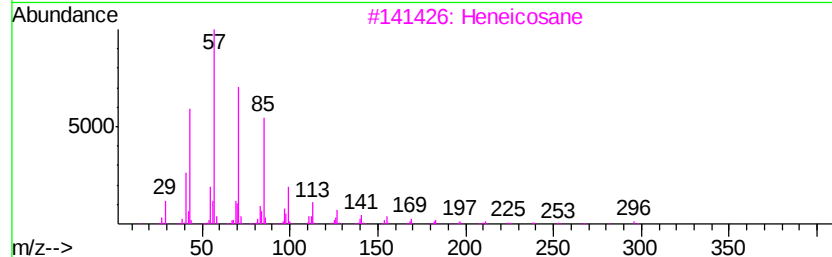
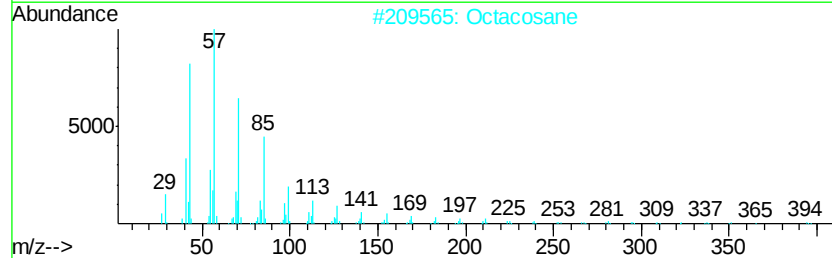
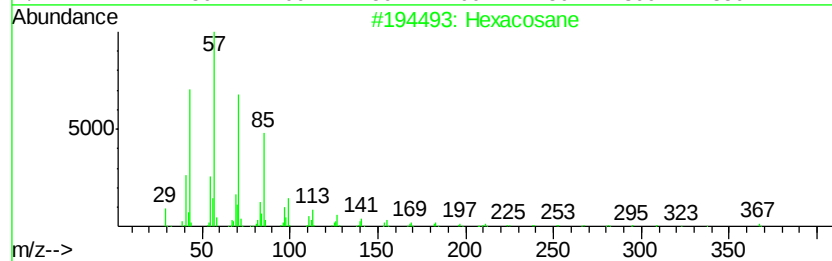
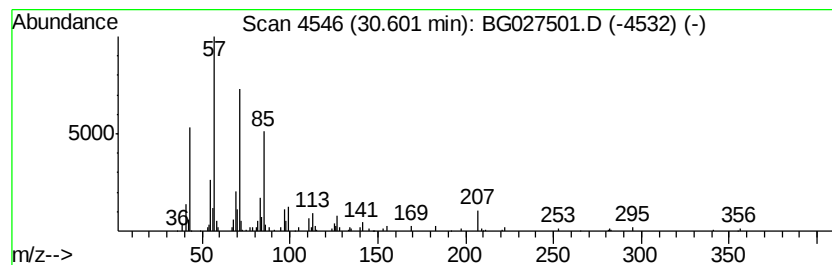
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.60	4.48 ng/ul	269600	Perylene-d12	25.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	90
3			Heneicosane	296	C21H44	000629-94-7	90
4			Octacosane	394	C28H58	000630-02-4	90
5			Tetratetracontane	619	C44H90	007098-22-8	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027501.D
Acq On : 17 Jun 2017 10:34
Operator : SJ/MA
Sample : I3599-04
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
F5E13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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	18.70	2.9	ng/ul	117972	4	17.86	803895	20.0
Hexadecanoic acid...	20.10	7.0	ng/ul	324240	5	22.23	922706	20.0
Octadecanoic acid...	21.15	4.0	ng/ul	184878	5	22.23	922706	20.0
(DEL) Alkane: Str...	24.77	2.1	ng/ul	125895	6	25.88	1204610	20.0
(DEL) Alkane: Str...	27.15	4.4	ng/ul	267495	6	25.88	1204610	20.0
(DEL) Alkane: Str...	28.71	5.5	ng/ul	332512	6	25.88	1204610	20.0
(DEL) Alkane: Str...	30.60	4.5	ng/ul	269600	6	25.88	1204610	20.0