

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027057.D
 Acq On : 22 May 2017 14:17
 Operator : SJ/MA
 Sample : I3211-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF005-01

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	3.426	52	57	69	rVB	48638	83156	3.48%	0.223%
2	4.184	181	186	190	rVB6	4264	8133	0.34%	0.022%
3	4.231	190	194	198	rBV6	3131	5602	0.23%	0.015%
4	5.523	406	414	416	rBV8	3672	6012	0.25%	0.016%
5	6.228	528	534	538	rVB7	3787	8177	0.34%	0.022%
6	6.651	602	606	613	rVB7	2285	6206	0.26%	0.017%
7	7.063	667	676	685	rBV9	9375	34223	1.43%	0.092%
8	7.186	689	697	714	rBV	418174	843435	35.31%	2.257%
9	7.327	714	721	732	rVV	387540	653921	27.38%	1.750%
10	7.544	748	758	773	rBV	463752	850061	35.59%	2.275%
11	7.709	784	786	792	rVB7	3688	6512	0.27%	0.017%
12	7.938	819	825	829	rVV6	9983	26340	1.10%	0.070%
13	8.009	829	837	854	rVB	615405	1073123	44.93%	2.872%
14	8.296	871	886	914	rBV5	17427	106582	4.46%	0.285%
15	8.725	949	959	980	rBV	568065	1104593	46.25%	2.956%
16	9.166	1026	1034	1045	rBV	444987	808763	33.86%	2.164%
17	9.319	1053	1060	1074	rBV5	15007	42974	1.80%	0.115%
18	9.583	1097	1105	1111	rBV2	8278	16112	0.67%	0.043%
19	9.889	1150	1157	1171	rBV	363666	673458	28.20%	1.802%
20	10.200	1203	1210	1215	rBV6	2996	6728	0.28%	0.018%
21	10.441	1243	1251	1275	rBV	522302	1087962	45.55%	2.911%
22	10.805	1304	1313	1325	rVV	970227	1743373	72.99%	4.665%
23	10.940	1328	1336	1353	rVV	437424	863414	36.15%	2.310%
24	11.628	1449	1453	1457	rBV5	4506	7508	0.31%	0.020%
25	12.068	1522	1528	1532	rVB4	5261	7657	0.32%	0.020%
26	12.286	1561	1565	1569	rVB5	3571	5594	0.23%	0.015%
27	12.386	1577	1582	1592	rVB3	11451	20353	0.85%	0.054%
28	12.774	1643	1648	1655	rBV8	4244	11179	0.47%	0.030%
29	12.926	1669	1674	1682	rBV8	4086	10011	0.42%	0.027%
30	13.032	1687	1692	1696	rVB6	3104	6123	0.26%	0.016%
31	13.085	1696	1701	1707	rVV6	2994	7053	0.30%	0.019%
32	13.226	1721	1725	1732	rBV4	11246	22117	0.93%	0.059%
33	13.320	1732	1741	1759	rVV10	17264	75181	3.15%	0.201%
34	13.526	1768	1776	1779	rVB6	3872	8301	0.35%	0.022%

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35	13.590	1783	1787	1795	rVB7	3751	7959	0.33%	0.021%
36	14.019	1852	1860	1864	rBV	1028618	1463169	61.26%	3.915%
37	14.066	1864	1868	1877	rVB	400515	582713	24.40%	1.559%
38	14.313	1899	1910	1931	rBV	1265926	2004800	83.94%	5.365%
39	14.507	1938	1943	1948	rBV	16639	24191	1.01%	0.065%
40	14.618	1952	1962	1976	rBV2	1321040	2136896	89.47%	5.718%
41	14.853	1995	2002	2025	rBV2	186760	548770	22.98%	1.468%
42	15.036	2030	2033	2043	rVB2	6552	14374	0.60%	0.038%
43	15.118	2043	2047	2055	rVB8	7829	16234	0.68%	0.043%
44	15.188	2055	2059	2066	rBV8	4841	10543	0.44%	0.028%
45	15.400	2092	2095	2098	rBV2	8627	11687	0.49%	0.031%
46	15.447	2098	2103	2109	rVB	35001	51046	2.14%	0.137%
47	15.511	2109	2114	2116	rBV4	4692	6852	0.29%	0.018%
48	15.605	2123	2130	2145	rVB	1463988	2283464	95.60%	6.110%
49	15.741	2146	2153	2166	rBV2	254305	408795	17.12%	1.094%
50	15.846	2166	2171	2178	rVB3	26526	45869	1.92%	0.123%
51	15.952	2184	2189	2193	rVB4	6968	12178	0.51%	0.033%
52	15.999	2193	2197	2204	rBV8	7363	13594	0.57%	0.036%
53	16.064	2204	2208	2213	rBV7	7063	11823	0.49%	0.032%
54	16.305	2241	2249	2258	rBV	49161	93924	3.93%	0.251%
55	16.487	2274	2280	2283	rVB5	6232	9316	0.39%	0.025%
56	16.557	2287	2292	2295	rVB6	5275	9971	0.42%	0.027%
57	16.645	2301	2307	2315	rVB10	9120	23151	0.97%	0.062%
58	16.716	2315	2319	2321	rVB5	5737	6672	0.28%	0.018%
59	16.745	2321	2324	2333	rBV9	12067	33007	1.38%	0.088%
60	16.816	2333	2336	2341	rVB7	7561	9417	0.39%	0.025%
61	16.910	2350	2352	2356	rVB3	5570	7271	0.30%	0.019%
62	17.098	2378	2384	2389	rBV	39095	53635	2.25%	0.144%
63	17.145	2389	2392	2399	rVB4	17785	31312	1.31%	0.084%
64	17.251	2407	2410	2416	rVB7	11734	17547	0.73%	0.047%
65	17.304	2416	2419	2421	rBV4	3965	5736	0.24%	0.015%
66	17.356	2421	2428	2438	rVV2	1449241	2182786	91.39%	5.841%
67	17.456	2438	2445	2453	rVV	1528930	2271894	95.12%	6.079%
68	17.509	2453	2454	2459	rVV5	8032	11840	0.50%	0.032%
69	17.633	2470	2475	2478	rVB4	5939	11756	0.49%	0.031%
70	17.680	2482	2483	2486	rBV3	4306	5495	0.23%	0.015%
71	17.832	2495	2509	2529	rVB3	43370	175583	7.35%	0.470%

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72	18.009	2533	2539	2547	rVV2	35156	46508	1.95%	0.124%
73	18.108	2552	2556	2567	rBV10	9644	21209	0.89%	0.057%
74	18.232	2571	2577	2587	rBV	231979	381440	15.97%	1.021%
75	18.296	2587	2588	2599	rVB4	16457	32299	1.35%	0.086%
76	18.526	2622	2627	2630	rBV5	11900	19777	0.83%	0.053%
77	18.649	2645	2648	2653	rVB7	19026	22764	0.95%	0.061%
78	18.767	2665	2668	2671	rBV5	6883	9271	0.39%	0.025%
79	18.955	2697	2700	2702	rBV4	4928	5502	0.23%	0.015%
80	19.166	2726	2736	2752	rBV2	227203	668784	28.00%	1.790%
81	19.301	2756	2759	2764	rVB2	33785	43178	1.81%	0.116%
82	19.372	2766	2771	2779	rBV4	27606	63352	2.65%	0.170%
83	19.501	2785	2793	2799	rBV3	57835	121048	5.07%	0.324%
84	19.630	2810	2815	2819	rVB3	12639	21252	0.89%	0.057%
85	19.736	2824	2833	2843	rBV	1673792	2388497	100.00%	6.391%
86	20.124	2894	2899	2901	rVB6	8435	16024	0.67%	0.043%
87	20.247	2918	2920	2923	rBV2	17291	16710	0.70%	0.045%
88	20.318	2929	2932	2936	rBV6	16913	28614	1.20%	0.077%
89	20.582	2972	2977	2981	rBV	128289	146501	6.13%	0.392%
90	21.346	3098	3107	3121	rBV	47692	228653	9.57%	0.612%
91	21.475	3125	3129	3138	rVB	86290	126692	5.30%	0.339%
92	21.604	3143	3151	3160	rBV	1312937	2210780	92.56%	5.916%
93	23.038	3389	3395	3403	rVB5	61647	147141	6.16%	0.394%
94	23.226	3421	3427	3433	rBV	143569	250255	10.48%	0.670%
95	23.819	3523	3528	3537	rVB2	93613	180790	7.57%	0.484%
96	24.560	3643	3654	3676	rBV2	649352	2201687	92.18%	5.891%
97	24.777	3678	3691	3710	rBV3	545228	2068906	86.62%	5.536%
98	25.835	3863	3871	3883	rBV3	116208	356330	14.92%	0.953%
99	27.145	4087	4094	4106	rVB4	111853	363485	15.22%	0.973%
100	28.731	4356	4364	4382	rVB4	79976	328693	13.76%	0.880%

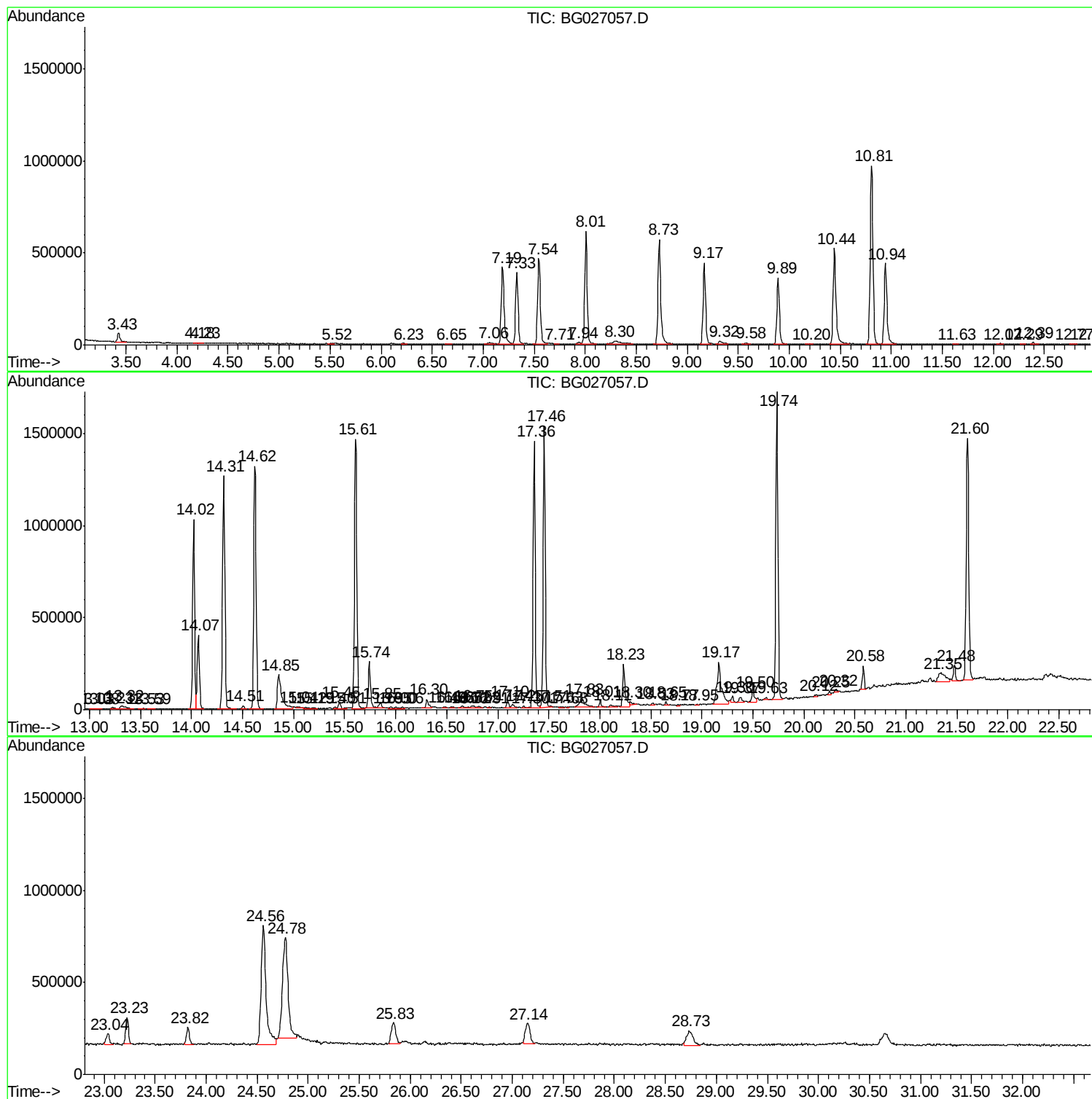
Sum of corrected areas: 37371349

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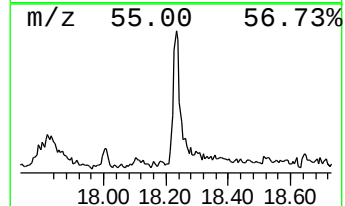
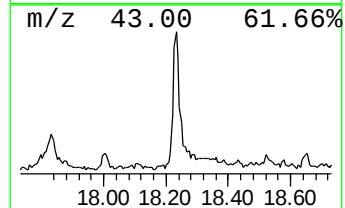
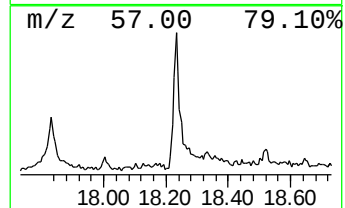
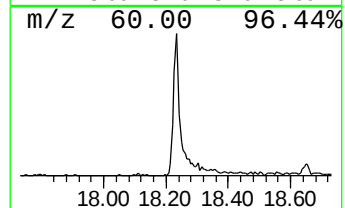
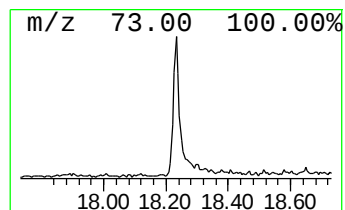
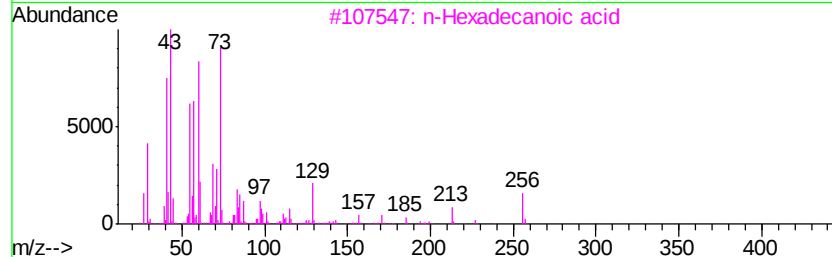
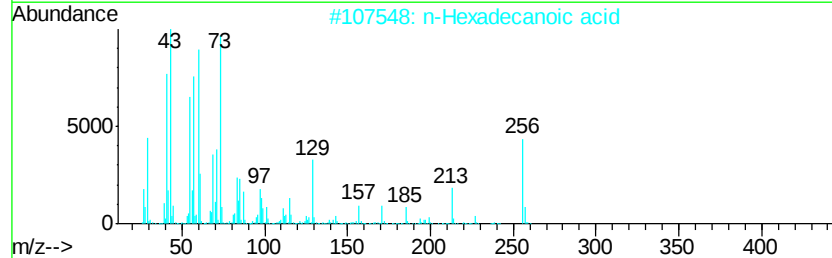
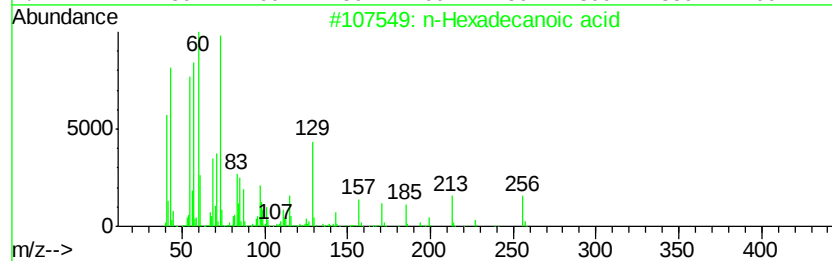
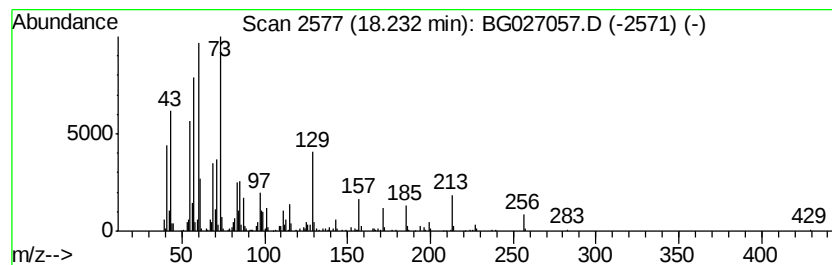
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.23	3.49 ng/ul	381440	Phenanthrene-d10	17.36

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	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4		Tridecanoic acid	214	C13H26O2	000638-53-9	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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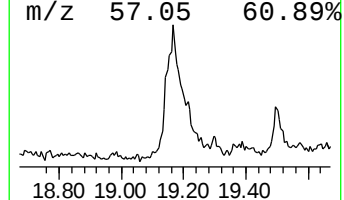
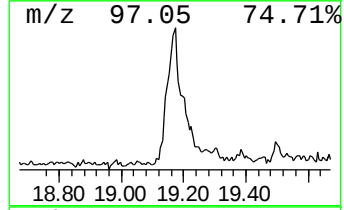
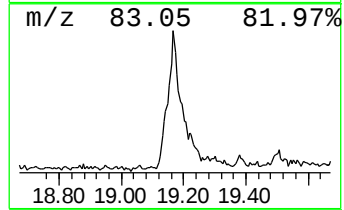
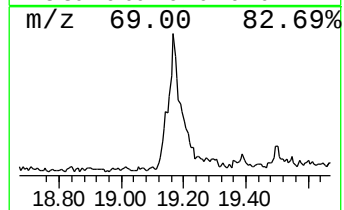
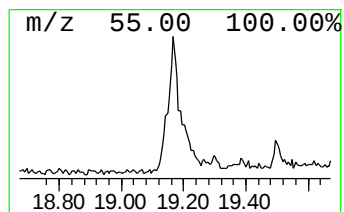
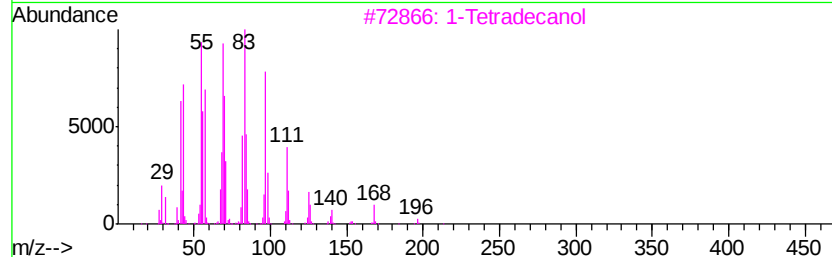
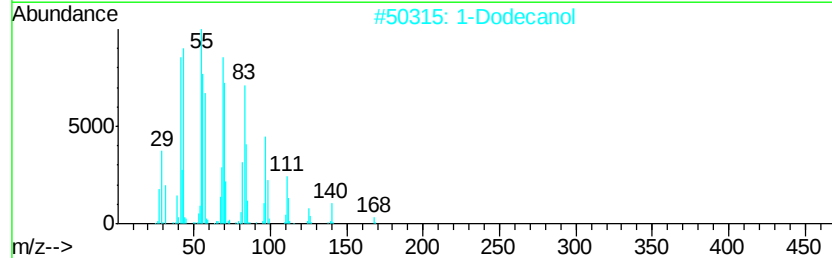
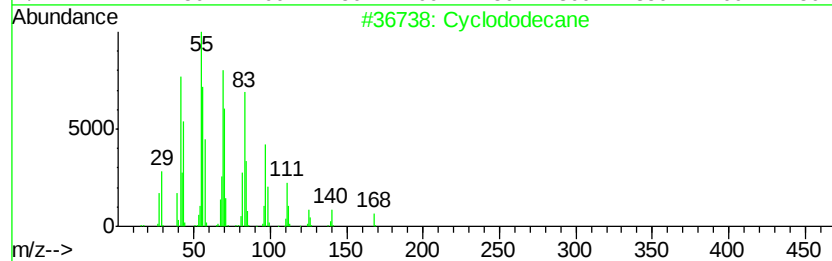
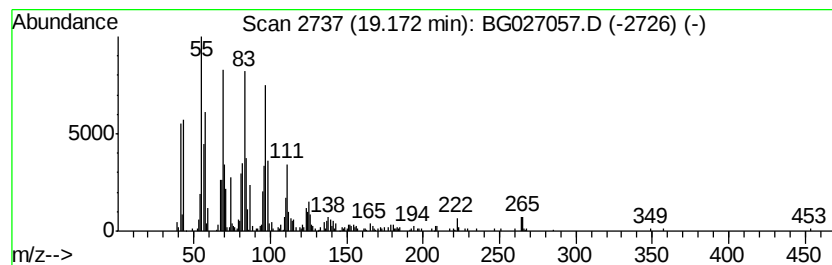
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic19.17 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	6.13 ng/ul	668784	Phenanthrene-d10	17.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclododecane	168	C12H24	000294-62-2	80
2			1-Dodecanol	186	C12H26O	000112-53-8	80
3			1-Tetradecanol	214	C14H30O	000112-72-1	74
4			Octadec-9-enoic acid	282	C18H34O2	1000190-13-7	72
5			Cyclotetradecane	196	C14H28	000295-17-0	72



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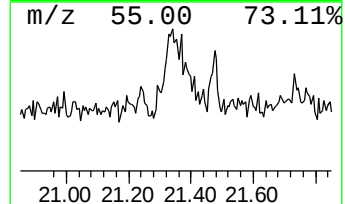
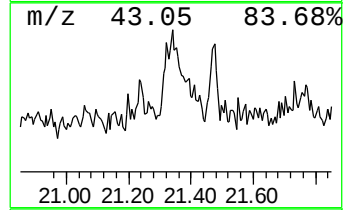
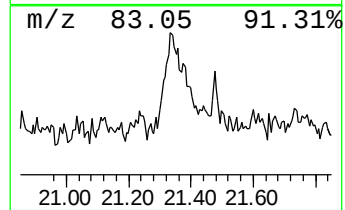
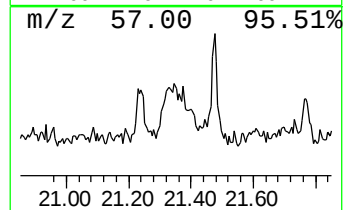
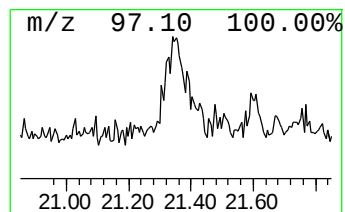
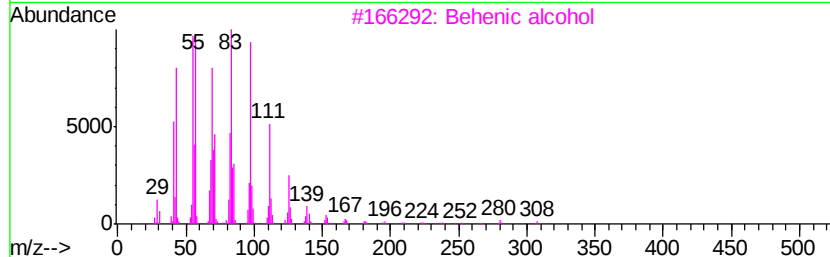
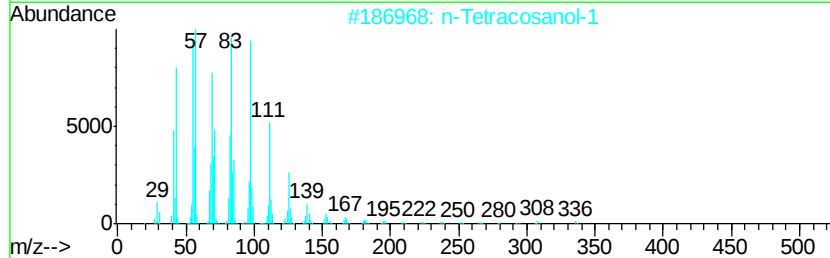
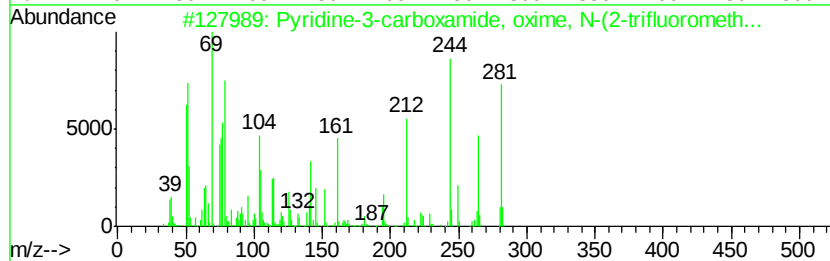
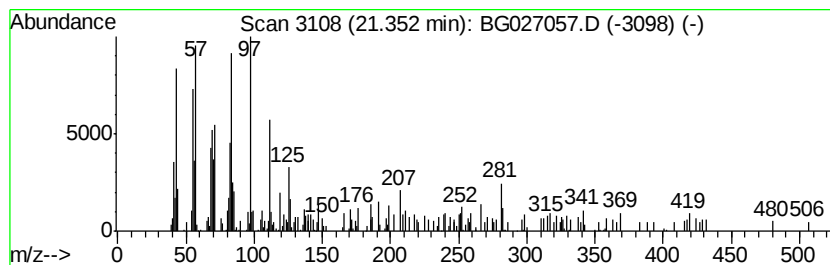
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Peak Number 3 Pyridine-3-carboxamide, oxi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
21.35	2.07 ng/ul	228653	Chrysene-d12	21.60		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyridine-3-carboxamide, oxime, N...	281	C13H10F3N3O	288246-53-7	92
2		n-Tetracosanol-1	354	C24H50O	000506-51-4	87
3		Behenic alcohol	326	C22H46O	000661-19-8	83
4		Z-5-Nonadecene	266	C19H38	1000131-11-8	83
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027057.D
Acq On : 22 May 2017 14:17
Operator : SJ/MA
Sample : I3211-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF005-01

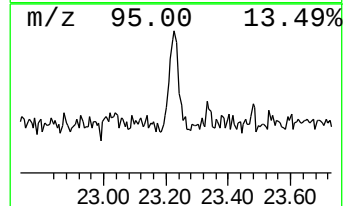
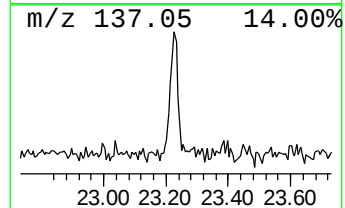
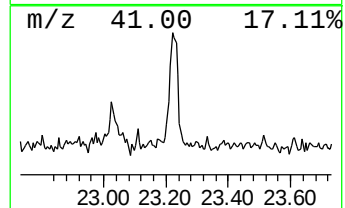
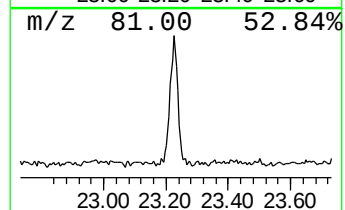
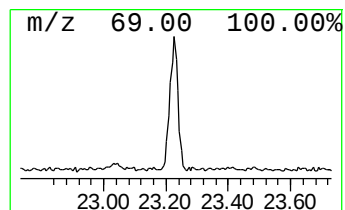
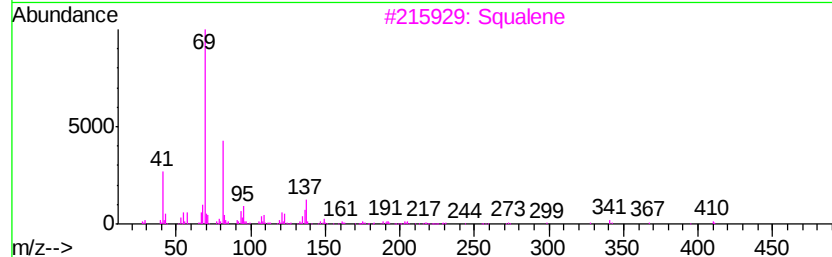
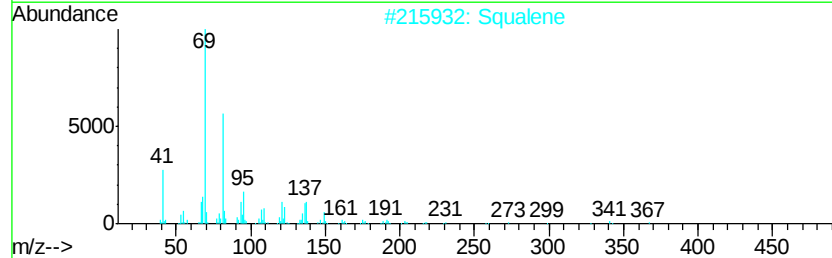
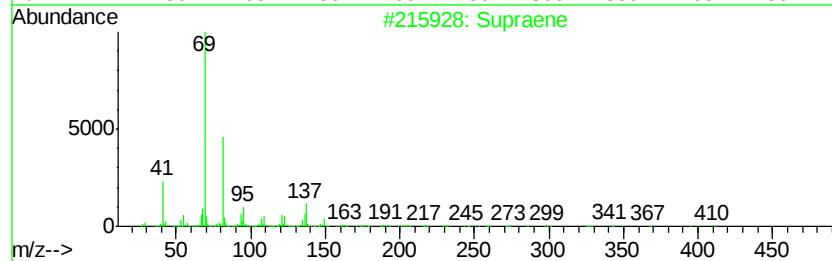
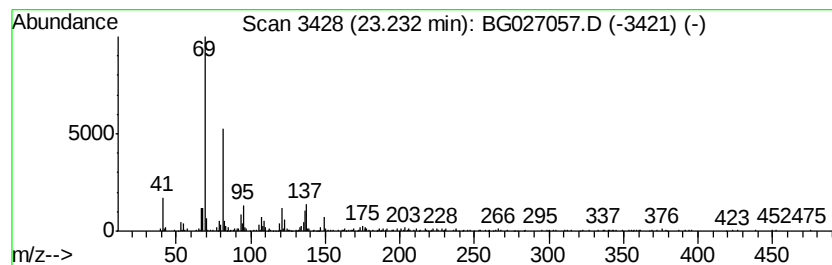
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Supraene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.23	2.42 ng/ul	250255	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Supraene	410	C30H50	007683-64-9	87
2		Squalene	410	C30H50	000111-02-4	87
3		Squalene	410	C30H50	000111-02-4	83
4		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	80
5		Squalene	410	C30H50	000111-02-4	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
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Acq On : 22 May 2017 14:17
Operator : SJ/MA
Sample : I3211-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EME-BF005-01

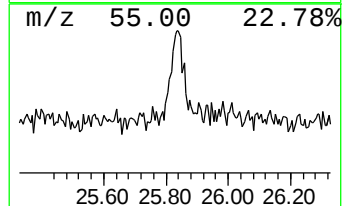
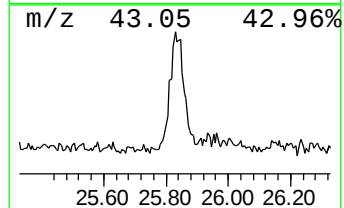
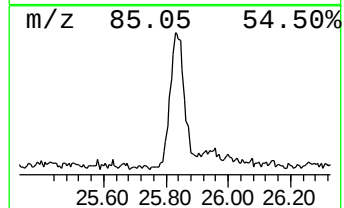
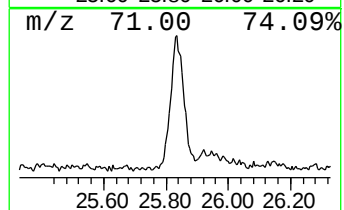
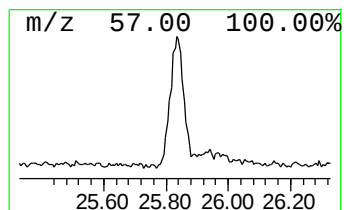
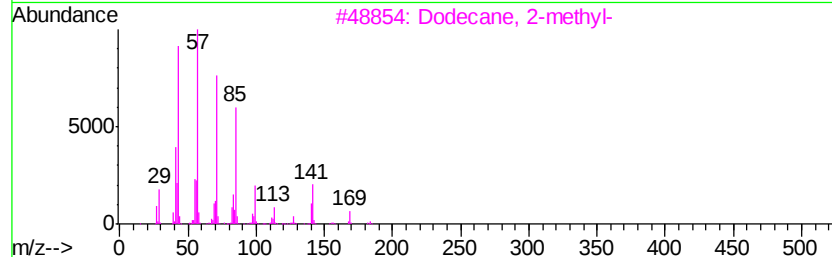
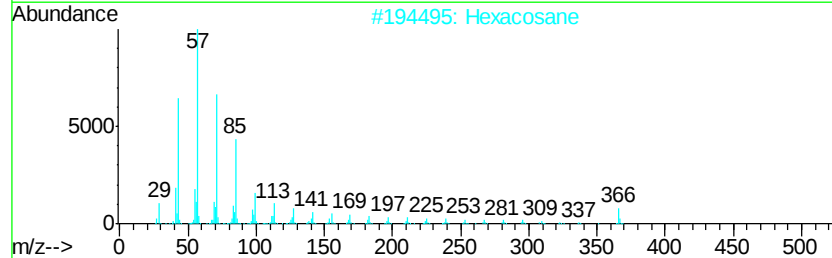
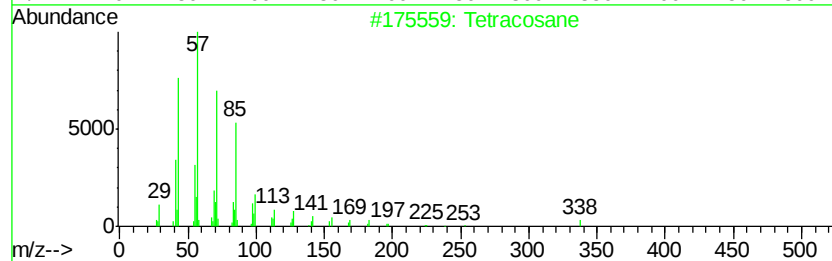
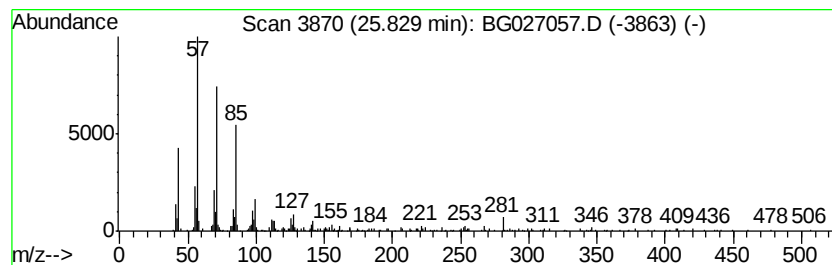
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Quant Title : SVOA CALIBRATION

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.
25.83	3.44 ng/ul	356330	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	91
2		Hexacosane	366	C26H54	000630-01-3	87
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027057.D
Acq On : 22 May 2017 14:17
Operator : SJ/MA
Sample : I3211-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF005-01

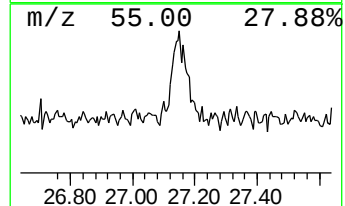
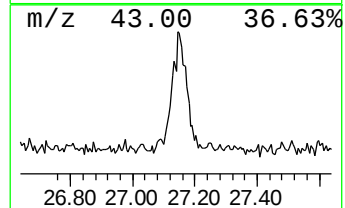
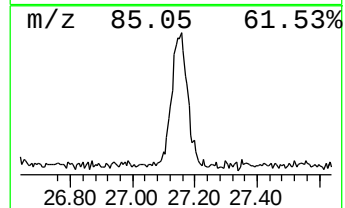
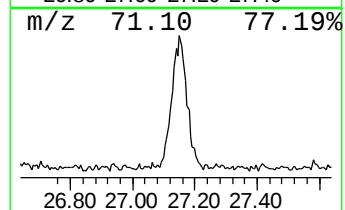
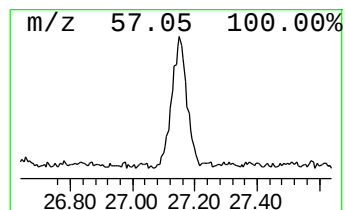
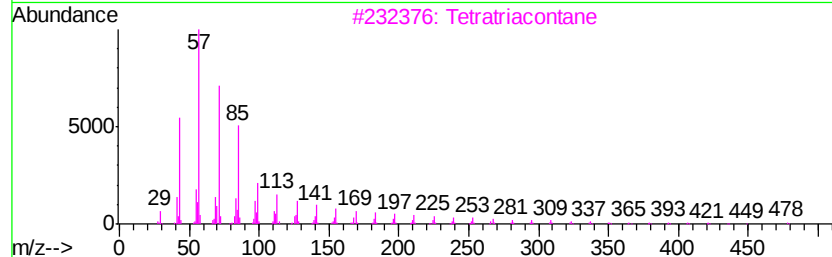
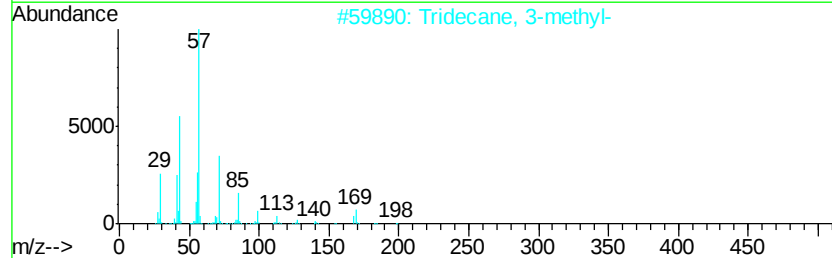
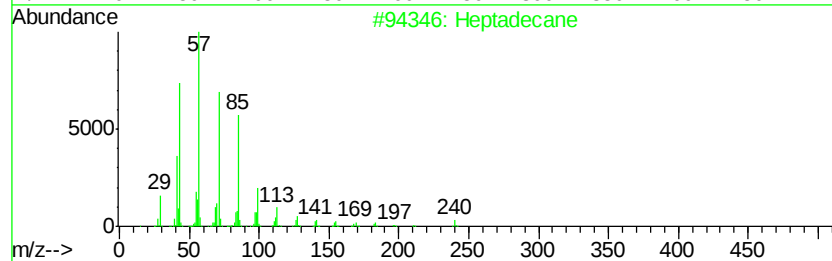
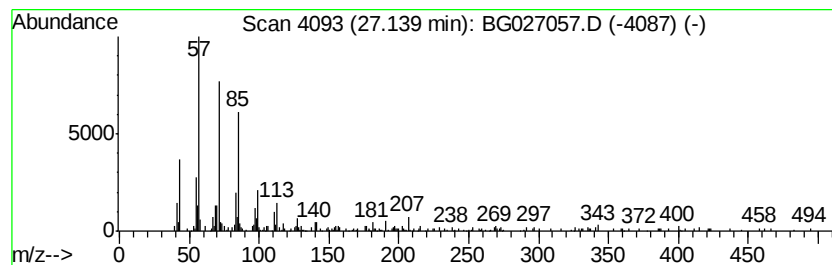
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Quant Title : SVOA CALIBRATION

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.
27.14	3.51 ng/ul	363485	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	80
3		Tetratriacontane	479	C34H70	014167-59-0	80
4		Octacosane	394	C28H58	000630-02-4	80
5		Tritriacontane	465	C33H68	000630-05-7	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
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Operator : SJ/MA
Sample : I3211-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF005-01

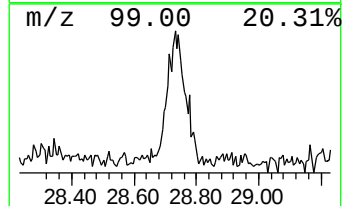
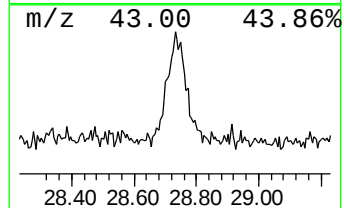
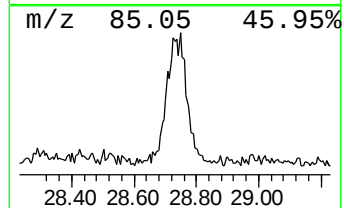
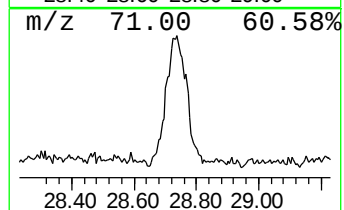
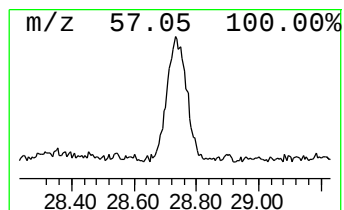
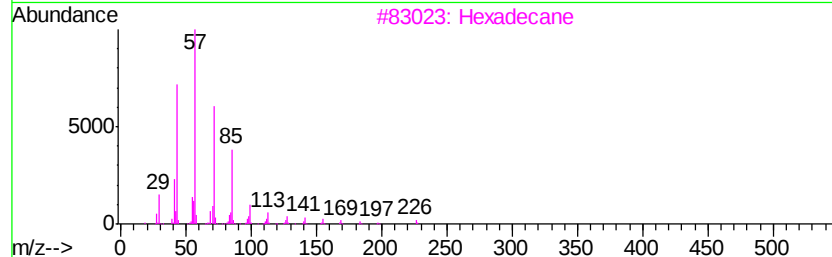
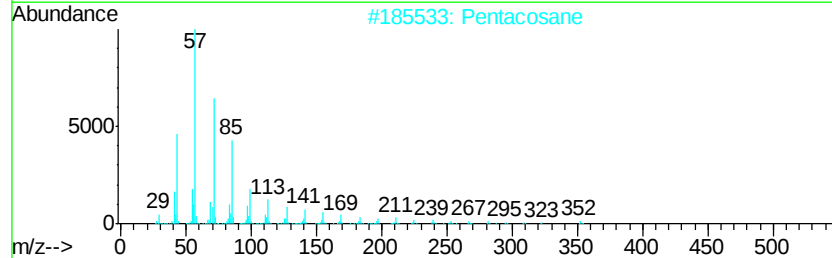
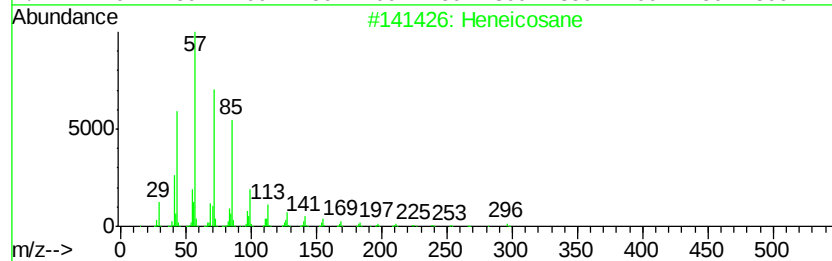
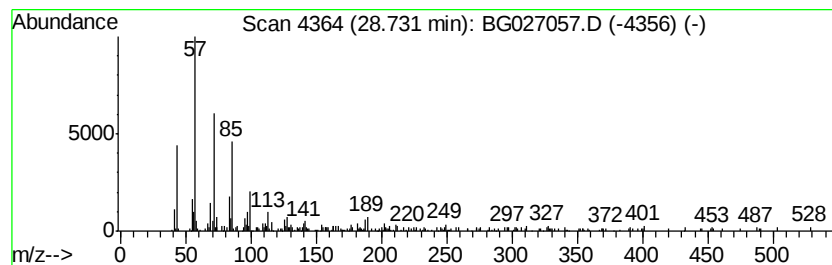
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	3.18 ng/ul	328693	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	87
2		Pentacosane	352	C25H52	000629-99-2	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Docosane	310	C22H46	000629-97-0	76
5		Docosane	310	C22H46	000629-97-0	76



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
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Acq On : 22 May 2017 14:17
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Sample : I3211-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.23	3.5	ng/ul	381440	4	17.36	2182790	20.0
(DEL) Alkane: Cyc...	19.17	6.1	ng/ul	668784	4	17.36	2182790	20.0
Pyridine-3-carbox...	21.35	2.1	ng/ul	228653	5	21.60	2210780	20.0
Supraene	23.23	2.4	ng/ul	250255	6	24.78	2068910	20.0
(DEL) Alkane: Str...	25.83	3.4	ng/ul	356330	6	24.78	2068910	20.0
(DEL) Alkane: Str...	27.14	3.5	ng/ul	363485	6	24.78	2068910	20.0
(DEL) Alkane: Str...	28.73	3.2	ng/ul	328693	6	24.78	2068910	20.0