

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021908.D
 Acq On : 16 May 2016 16:05
 Operator : UM/SJ
 Sample : H3095-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XF6

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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	3.234	63	67	73	rVB4	6256	10231	0.61%	0.054%
2	3.545	116	120	127	rVB4	6489	10553	0.63%	0.055%
3	4.080	206	211	217	rVB4	3449	5552	0.33%	0.029%
4	4.315	246	251	255	rVB5	2257	3941	0.23%	0.021%
5	4.521	283	286	291	rBV6	4101	6401	0.38%	0.033%
6	7.312	752	761	772	rBV	101203	208537	12.37%	1.091%
7	7.482	782	790	802	rVV	99763	191877	11.38%	1.004%
8	7.693	817	826	837	rBV	121809	247546	14.68%	1.295%
9	8.163	898	906	916	rBV	165217	323809	19.20%	1.694%
10	8.863	1014	1025	1041	rBV	132006	274281	16.27%	1.435%
11	9.004	1048	1049	1056	rVB5	2422	3232	0.19%	0.017%
12	9.333	1097	1105	1114	rBV	105933	224447	13.31%	1.174%
13	10.061	1222	1229	1241	rBV	83545	179905	10.67%	0.941%
14	10.596	1313	1320	1332	rBV	170089	351486	20.84%	1.838%
15	10.772	1349	1350	1354	rVB4	3470	3602	0.21%	0.019%
16	10.984	1378	1386	1401	rVB	291374	588731	34.91%	3.079%
17	11.119	1401	1409	1423	rBV	77093	196442	11.65%	1.027%
18	11.977	1548	1555	1561	rVB6	5634	10755	0.64%	0.056%
19	12.370	1618	1622	1626	rBV4	3080	4487	0.27%	0.023%
20	12.552	1647	1653	1655	rBV2	2885	3498	0.21%	0.018%
21	12.629	1661	1666	1674	rBV2	4724	7677	0.46%	0.040%
22	12.840	1696	1702	1710	rBV3	4074	8547	0.51%	0.045%
23	13.146	1750	1754	1757	rBV4	1904	3169	0.19%	0.017%
24	13.305	1777	1781	1789	rVB3	3959	8338	0.49%	0.044%
25	13.592	1824	1830	1835	rBV3	8100	14158	0.84%	0.074%
26	13.675	1839	1844	1849	rVB6	6343	11977	0.71%	0.063%
27	13.963	1887	1893	1894	rBV3	2033	3280	0.19%	0.017%
28	14.109	1911	1918	1923	rVV5	6022	11118	0.66%	0.058%
29	14.186	1923	1931	1936	rBV	381746	640237	37.97%	3.349%
30	14.233	1936	1939	1946	rVB	109714	161071	9.55%	0.842%
31	14.303	1946	1951	1956	rBV3	15816	27561	1.63%	0.144%
32	14.409	1966	1969	1974	rVB4	3007	4210	0.25%	0.022%
33	14.485	1974	1982	1993	rBV	509085	885198	52.50%	4.630%
34	14.609	1999	2003	2007	rBV3	3239	5998	0.36%	0.031%

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35	14.662	2007	2012	2018	rVB2	20060	28646	1.70%	0.150%
36	14.791	2024	2034	2042	rBV2	498397	913388	54.17%	4.777%
37	14.844	2042	2043	2051	rVB4	3215	6150	0.36%	0.032%
38	14.979	2055	2066	2080	rBV	72093	204519	12.13%	1.070%
39	15.173	2097	2099	2104	rVB5	4903	6428	0.38%	0.034%
40	15.273	2110	2116	2123	rVB9	7778	16896	1.00%	0.088%
41	15.343	2123	2128	2132	rVB5	3329	5525	0.33%	0.029%
42	15.402	2134	2138	2141	rVB5	3738	4819	0.29%	0.025%
43	15.567	2160	2166	2169	rBV4	10556	19175	1.14%	0.100%
44	15.608	2169	2173	2179	rVB2	35036	47432	2.81%	0.248%
45	15.661	2179	2182	2186	rBV5	2377	4431	0.26%	0.023%
46	15.778	2188	2202	2215	rBV	689415	1188508	70.48%	6.216%
47	15.890	2215	2221	2231	rVV	136841	228389	13.54%	1.195%
48	16.013	2234	2242	2247	rBV2	20141	41001	2.43%	0.214%
49	16.113	2256	2259	2264	rVB5	5584	9769	0.58%	0.051%
50	16.166	2266	2268	2272	rVB5	4974	6254	0.37%	0.033%
51	16.230	2276	2279	2282	rVB5	5538	6703	0.40%	0.035%
52	16.272	2282	2286	2290	rBV5	3108	5949	0.35%	0.031%
53	16.419	2307	2311	2314	rBV6	2755	3713	0.22%	0.019%
54	16.471	2314	2320	2322	rBV	38528	61352	3.64%	0.321%
55	16.601	2339	2342	2346	rBV6	4049	6269	0.37%	0.033%
56	16.718	2361	2362	2367	rBV4	2795	3395	0.20%	0.018%
57	16.818	2375	2379	2380	rBV3	4020	5095	0.30%	0.027%
58	16.871	2385	2388	2390	rBV3	3933	3731	0.22%	0.020%
59	16.977	2402	2406	2411	rBV5	8632	11847	0.70%	0.062%
60	17.053	2414	2419	2422	rBV6	6389	12810	0.76%	0.067%
61	17.176	2436	2440	2447	rBV4	17560	33472	1.99%	0.175%
62	17.265	2450	2455	2459	rVV3	38124	61780	3.66%	0.323%
63	17.312	2460	2463	2467	rVB4	10919	14786	0.88%	0.077%
64	17.400	2473	2478	2485	rVB2	36822	55550	3.29%	0.291%
65	17.464	2485	2489	2492	rBV5	16039	21216	1.26%	0.111%
66	17.529	2492	2500	2506	rBV	652270	1161404	68.88%	6.074%
67	17.629	2511	2517	2532	rVB	707930	1243188	73.73%	6.502%
68	17.799	2542	2546	2550	rBV6	4717	7987	0.47%	0.042%
69	17.840	2550	2553	2558	rVV7	8622	12782	0.76%	0.067%
70	17.887	2558	2561	2563	rVB4	4003	3844	0.23%	0.020%
71	17.929	2566	2568	2570	rBV3	3942	3148	0.19%	0.016%

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72	17.999	2575	2580	2584	rVV3	20794	28722	1.70%	0.150%
73	18.046	2586	2588	2594	rVB8	6196	8911	0.53%	0.047%
74	18.117	2597	2600	2601	rBV3	4000	4197	0.25%	0.022%
75	18.287	2623	2629	2633	rBV8	14192	28259	1.68%	0.148%
76	18.346	2633	2639	2644	rBV2	73385	128909	7.64%	0.674%
77	18.404	2644	2649	2656	rBV	187158	293314	17.40%	1.534%
78	18.592	2677	2681	2685	rBV2	14813	25467	1.51%	0.133%
79	18.686	2694	2697	2703	rBV2	25999	42805	2.54%	0.224%
80	18.898	2729	2733	2738	rVV5	9010	15489	0.92%	0.081%
81	18.945	2738	2741	2745	rVB6	8521	11987	0.71%	0.063%
82	19.057	2759	2760	2764	rBV3	5255	5151	0.31%	0.027%
83	19.133	2771	2773	2776	rBV3	5667	7150	0.42%	0.037%
84	19.309	2798	2803	2808	rBV2	37065	59883	3.55%	0.313%
85	19.362	2809	2812	2813	rBV3	6801	8322	0.49%	0.044%
86	19.444	2823	2826	2827	rBV3	9049	9108	0.54%	0.048%
87	19.574	2836	2848	2854	rBV	123797	268164	15.90%	1.403%
88	19.662	2860	2863	2868	rVB6	29357	43115	2.56%	0.225%
89	19.909	2897	2905	2917	rBV	988315	1686192	100.00%	8.819%
90	20.414	2988	2991	2996	rVB3	41500	58608	3.48%	0.307%
91	20.807	3054	3058	3065	rVB	145057	195029	11.57%	1.020%
92	21.430	3159	3164	3169	rVB	125858	199403	11.83%	1.043%
93	21.683	3201	3207	3215	rVB	456645	709800	42.09%	3.712%
94	21.812	3222	3229	3249	rVB	679057	1505893	89.31%	7.876%
95	22.623	3362	3367	3377	rVB3	63099	156107	9.26%	0.816%
96	24.168	3624	3630	3637	rVB4	110741	255623	15.16%	1.337%
97	24.914	3748	3757	3769	rBV2	403798	1200468	71.19%	6.279%
98	25.149	3787	3797	3808	rBV2	450962	1369575	81.22%	7.163%
99	26.330	3991	3998	4012	rVB2	140633	471229	27.95%	2.465%
100	27.417	4177	4183	4196	rVB2	60811	209940	12.45%	1.098%

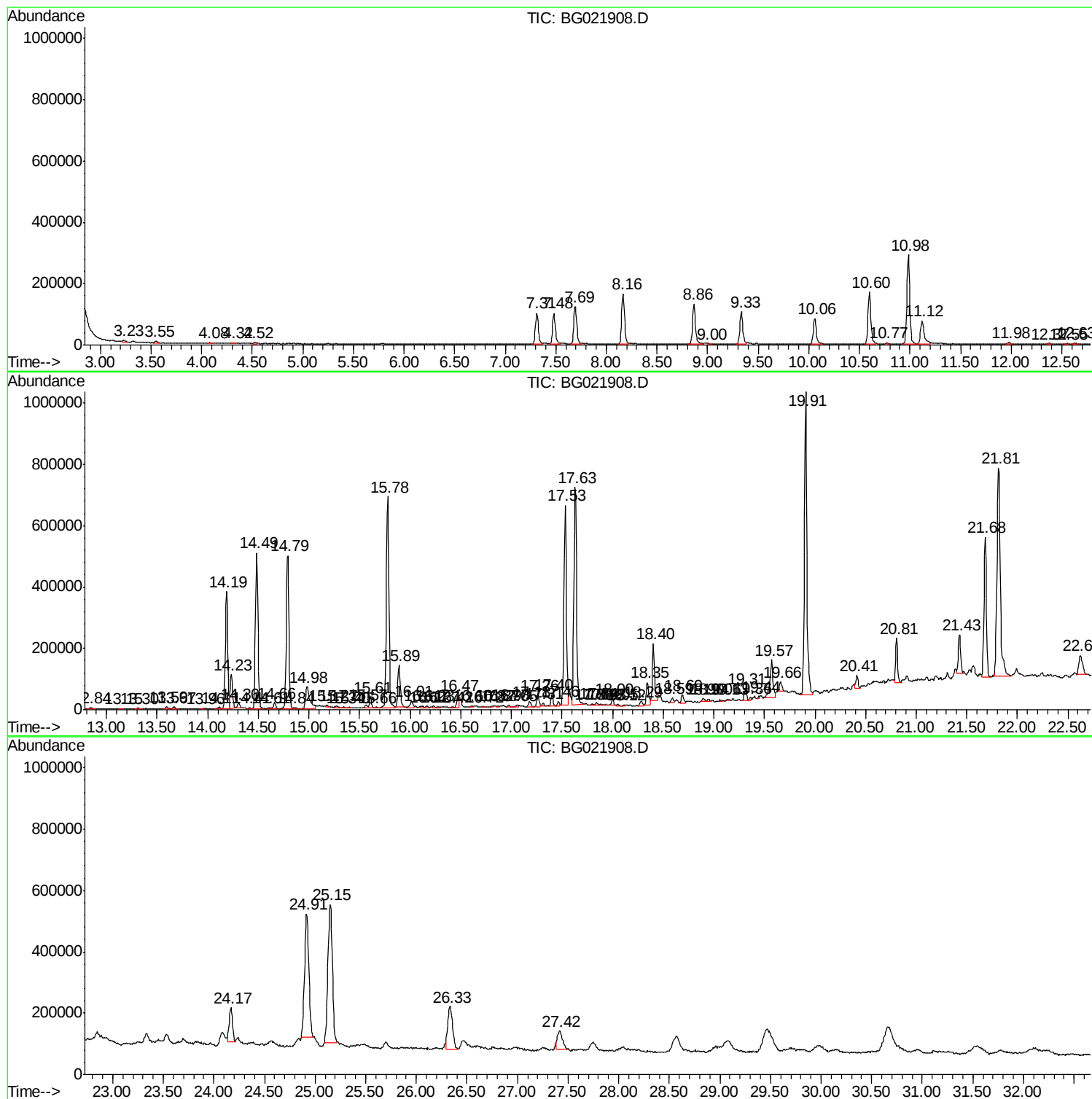
Sum of corrected areas: 19120023

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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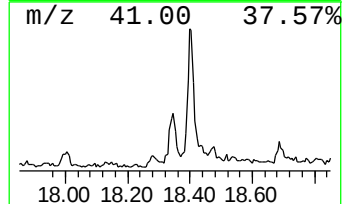
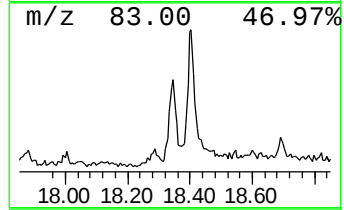
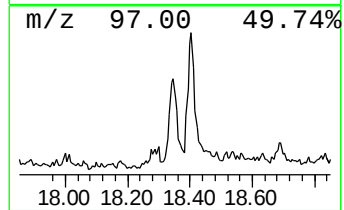
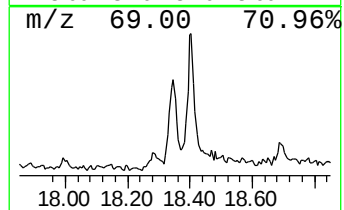
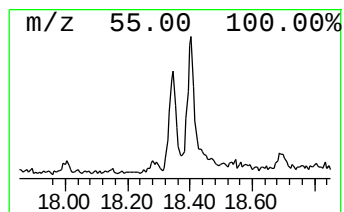
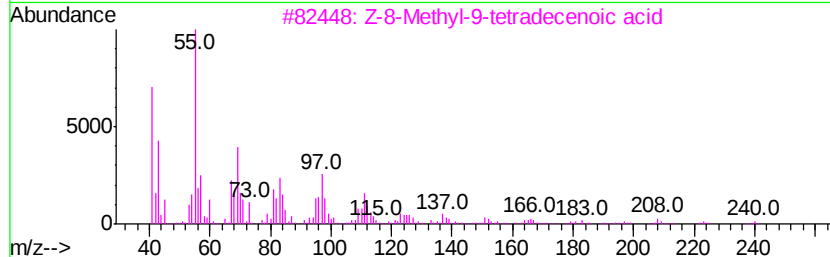
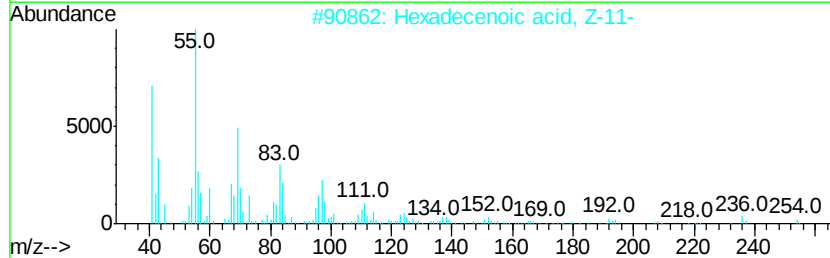
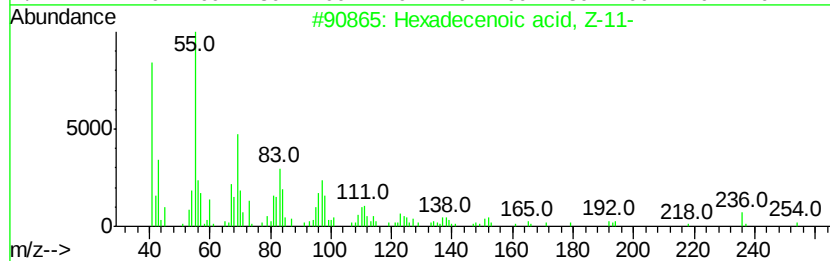
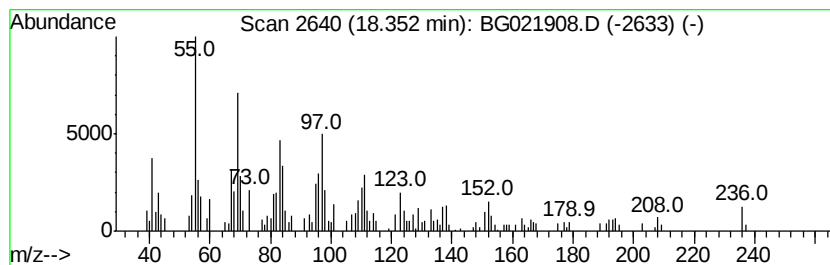
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Hexadecenoic acid, Z-11- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.35	2.22 ng/ul	128909	Phenanthrene-d10		17.53		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	91
2			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90
3			Z-8-Methyl-9-tetradecenoic acid	240	C15H28O2	1000130-84-5	80
4			Cyclohexane, 1-(cyclohexylmethyl...	208	C15H28	054934-92-8	62
5			cis-2-Methyl-4-n-pentylthiane, S...	218	C11H22O2S	1000215-67-9	49



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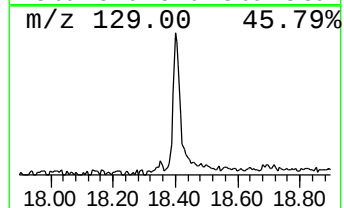
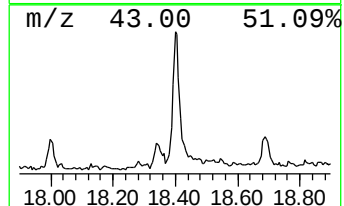
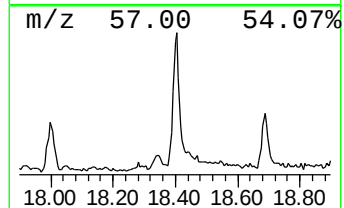
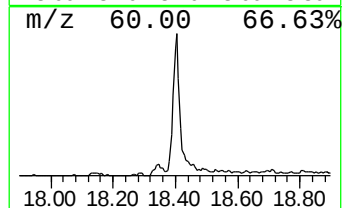
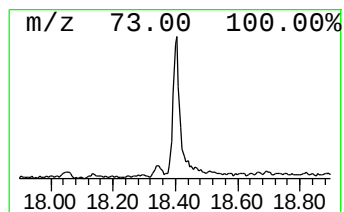
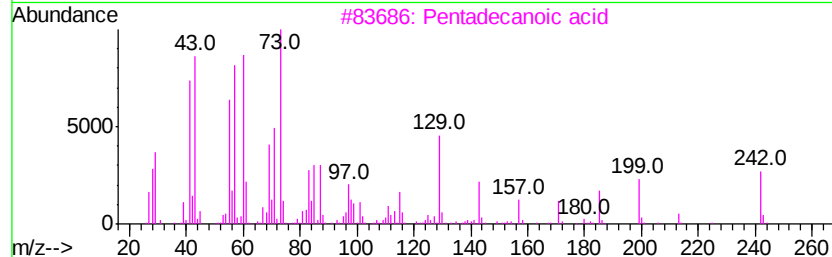
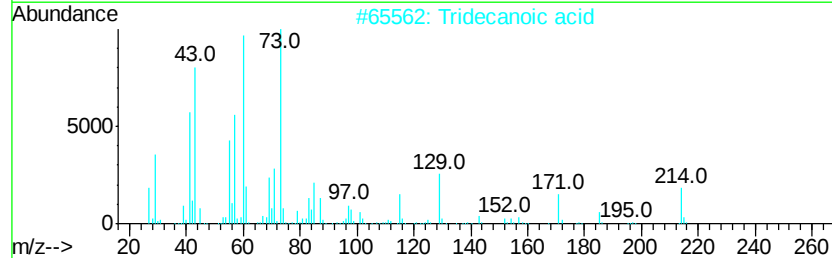
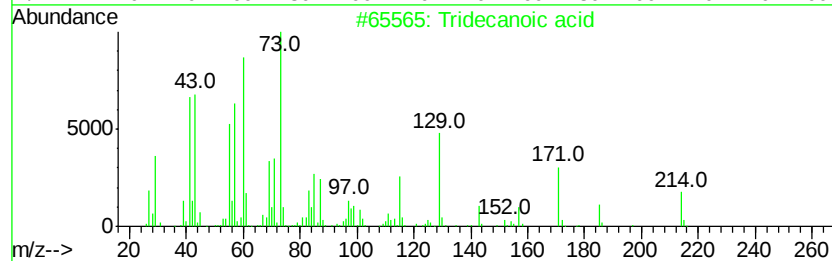
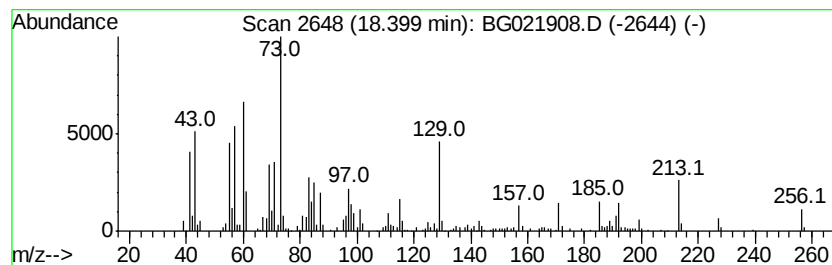
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	5.05 ng/ul	293314	Phenanthrene-d10	17.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4		Tridecanoic acid	214	C13H26O2	000638-53-9	59
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	43



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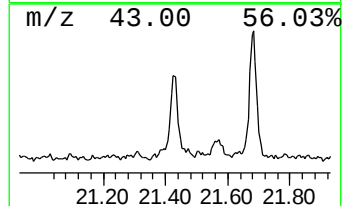
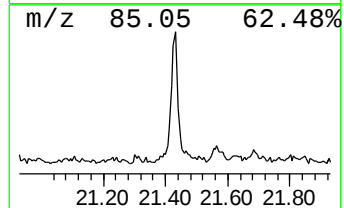
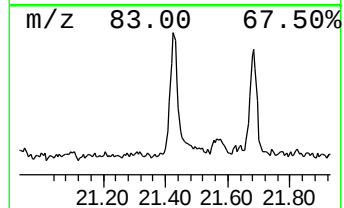
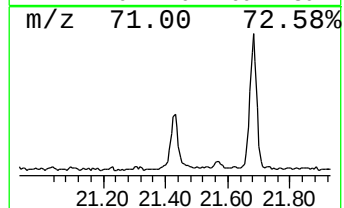
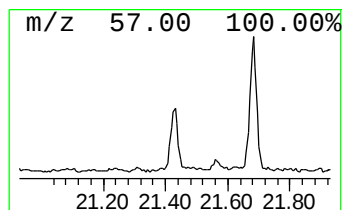
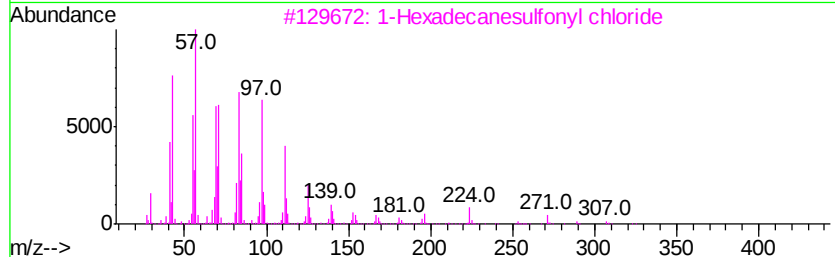
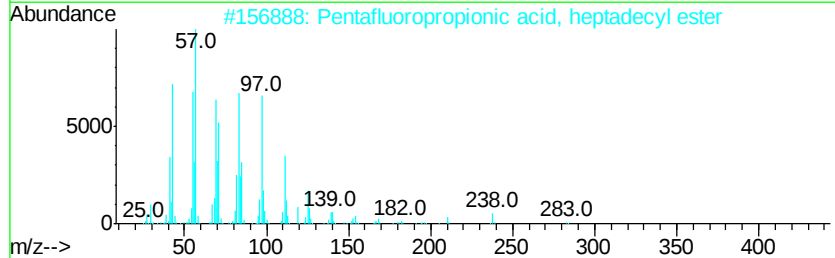
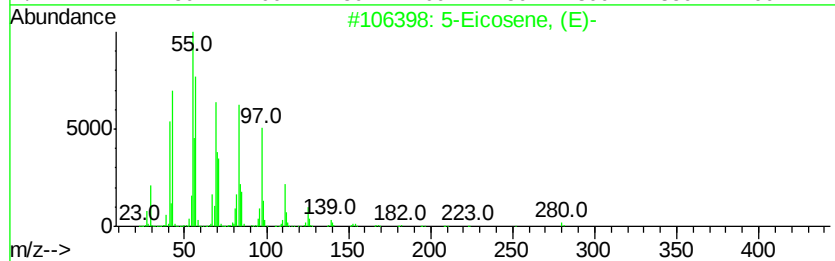
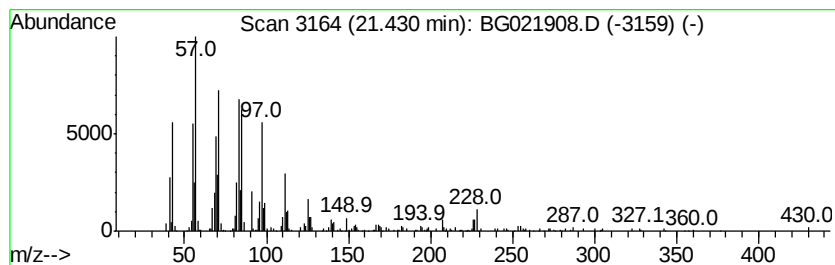
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Peak Number 3 (DEL) Alkane: Cyclic21.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.65 ng/ul	199403	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
2		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	76
3		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	74
4		Hexadecane	226	C16H34	000544-76-3	70
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	70



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021908.D
Acq On : 16 May 2016 16:05
Operator : UM/SJ
Sample : H3095-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF6

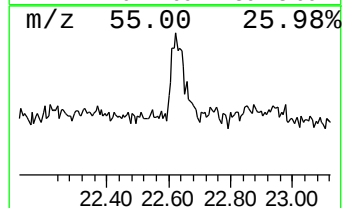
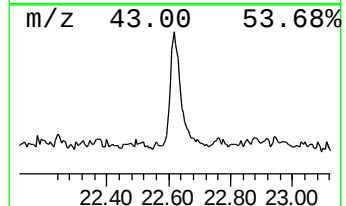
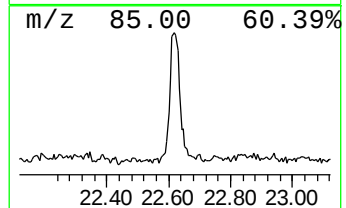
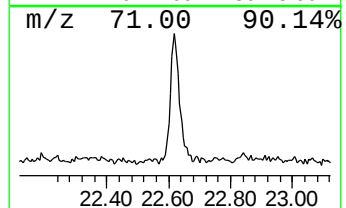
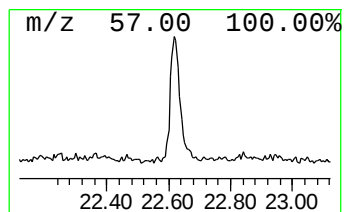
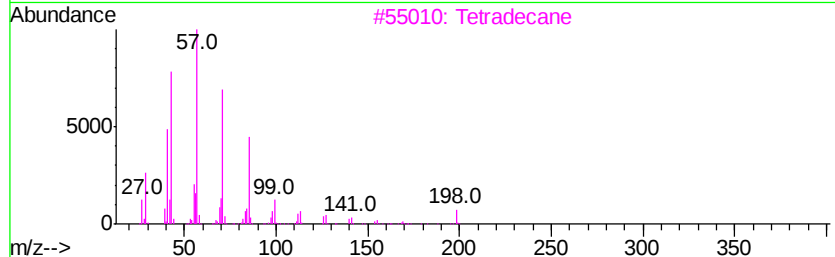
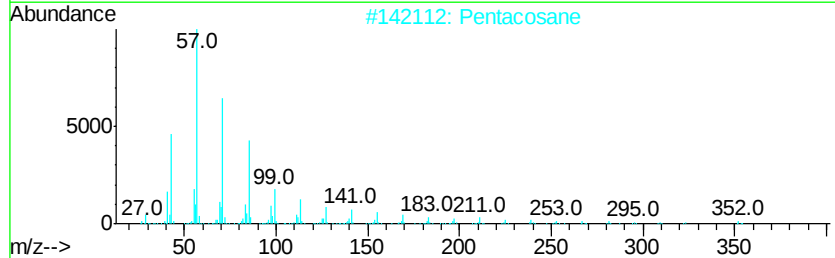
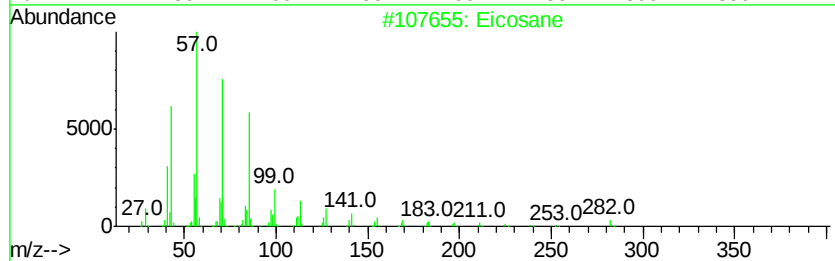
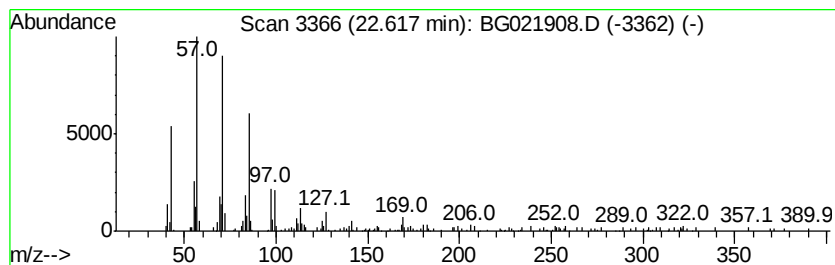
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
22.62	2.07 ng/ul	156107	Chrysene-d12	21.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Pentacosane	352	C25H52	000629-99-2	90
3		Tetradecane	198	C14H30	000629-59-4	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tetratriacontane	479	C34H70	014167-59-0	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021908.D
Acq On : 16 May 2016 16:05
Operator : UM/SJ
Sample : H3095-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF6

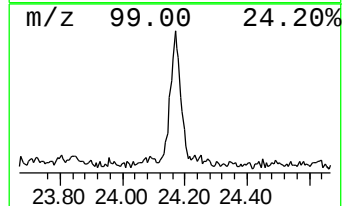
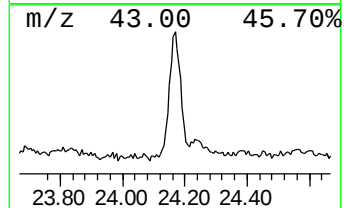
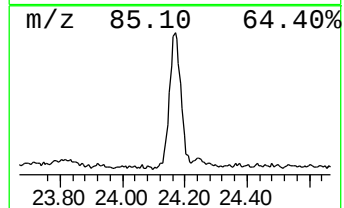
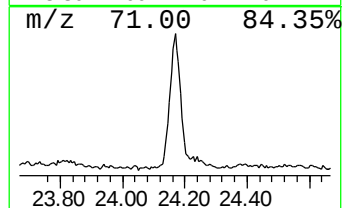
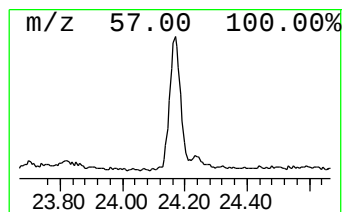
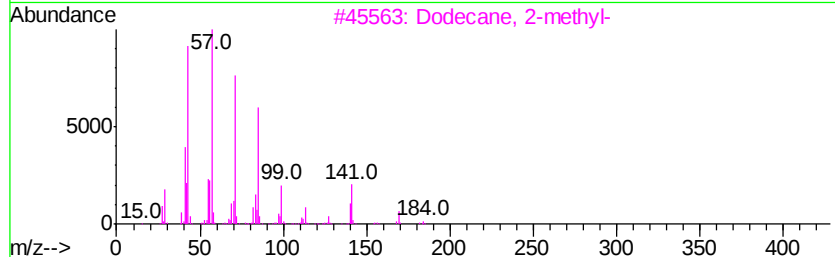
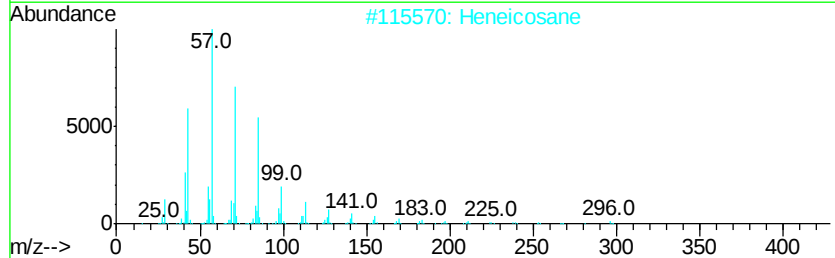
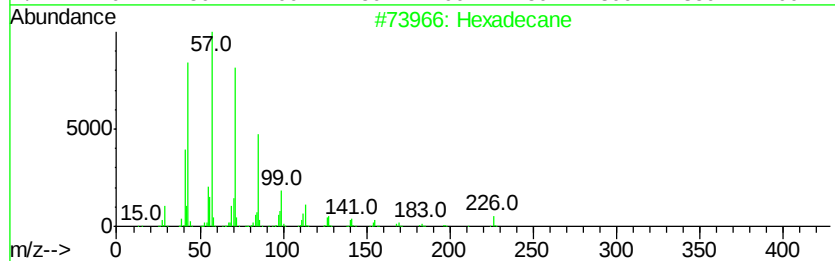
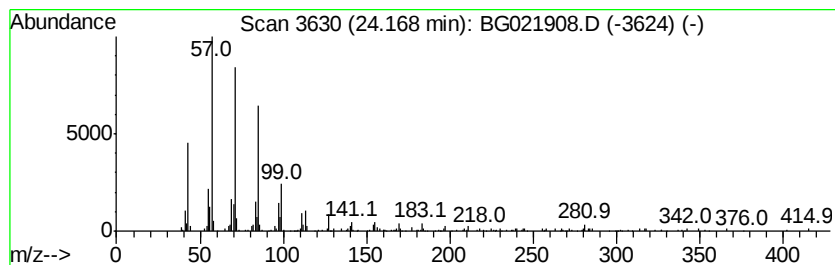
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.17	3.73 ng/ul	255623	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	87
4		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
5		Heptadecane	240	C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021908.D
Acq On : 16 May 2016 16:05
Operator : UM/SJ
Sample : H3095-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF6

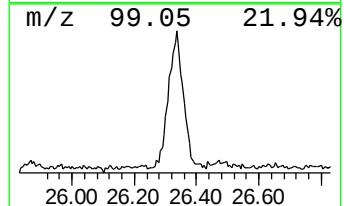
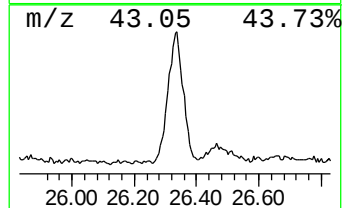
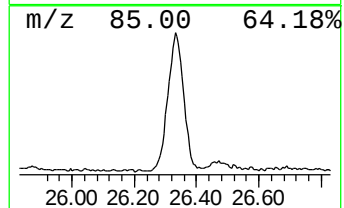
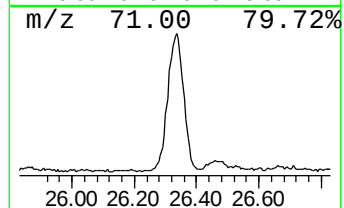
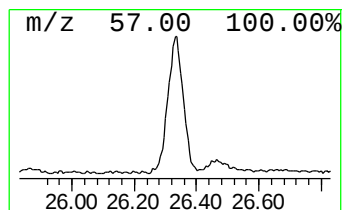
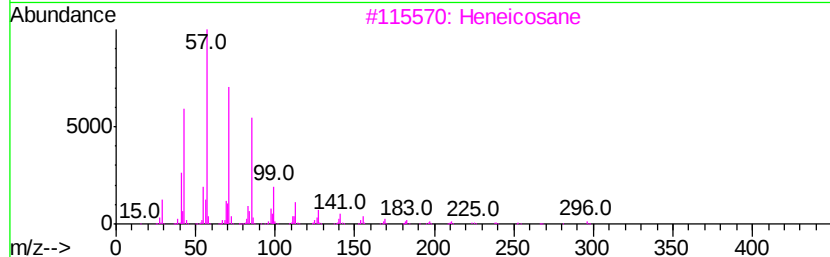
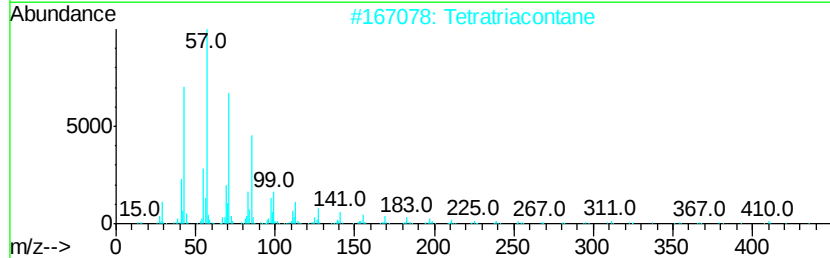
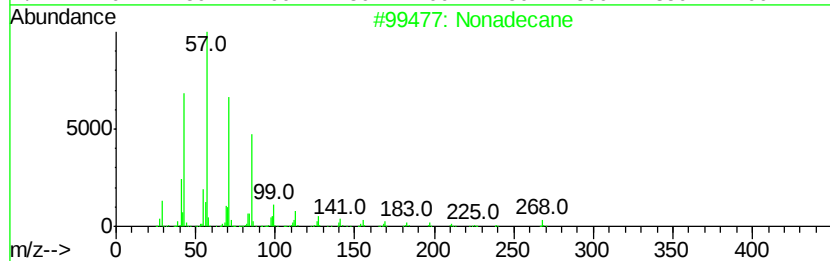
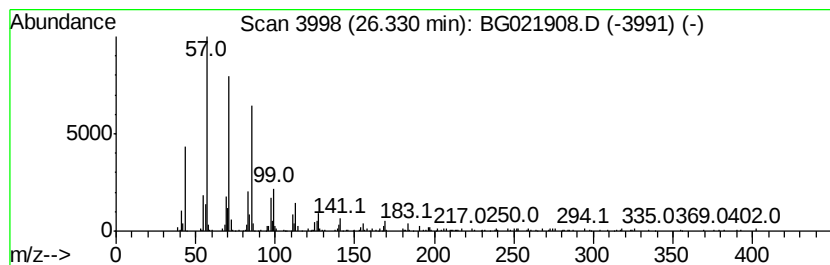
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	6.88 ng/ul	471229	Perylene-d12	25.15

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Tetratriacontane	479	C34H70	014167-59-0	91
3			Heneicosane	296	C21H44	000629-94-7	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
Data File : BG021908.D
Acq On : 16 May 2016 16:05
Operator : UM/SJ
Sample : H3095-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF6

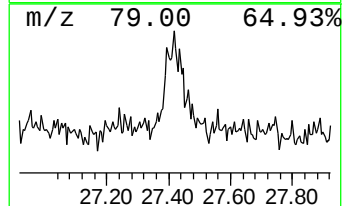
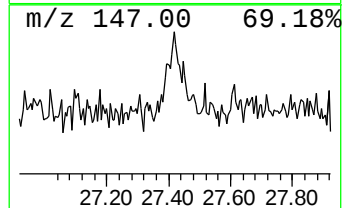
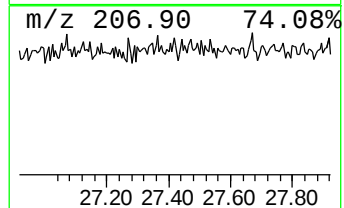
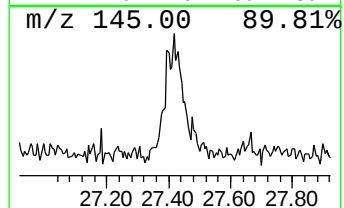
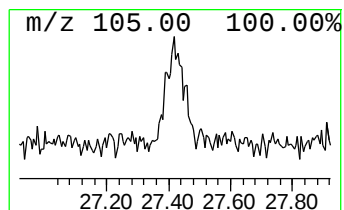
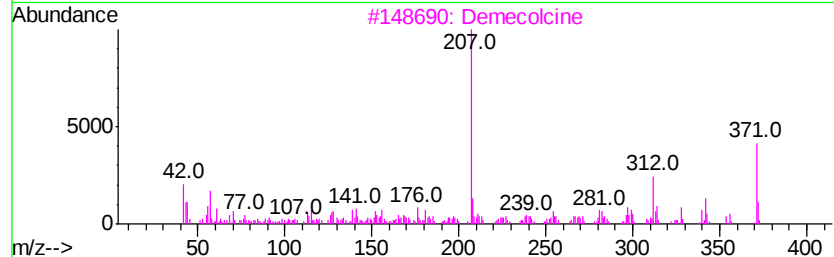
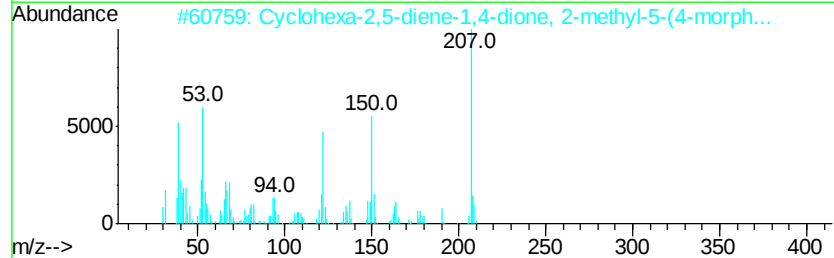
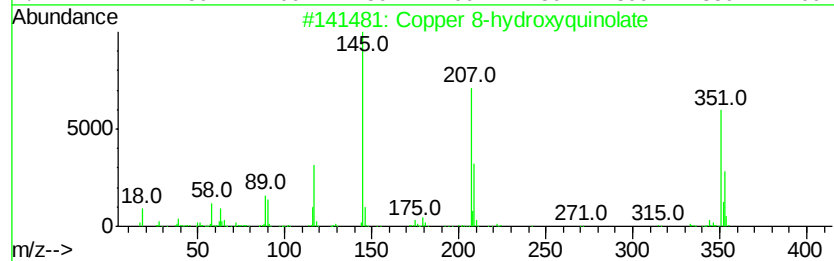
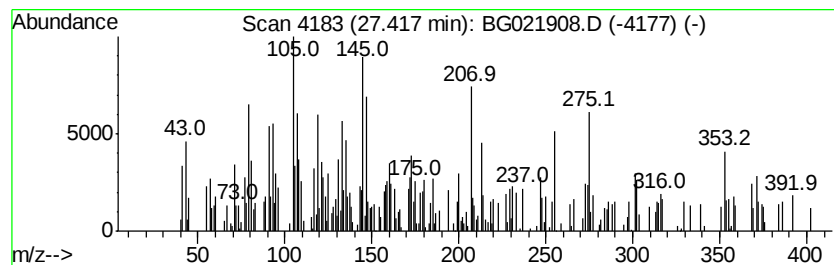
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.42	3.07 ng/ul	209940	Perylene-d12	25.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Copper 8-hydroxyquinolate	351	C18H12CuN2O2	010380-28-6	32
2		Cyclohexa-2,5-diene-1,4-dione, 2...	207	C11H13N03	002158-89-6	25
3		Demecolcine	371	C21H25N05	000477-30-5	18
4		9,10-Methanoanthracen-11-ol, 9,1...	250	C18H18O	126615-74-5	11
5		Spiro-3-(2-butyl-2,4-diazabicycl...	250	C15H26N2O	1000194-74-4	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051616\
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Acq On : 16 May 2016 16:05
Operator : UM/SJ
Sample : H3095-21
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XF6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexadecenoic acid...	18.35	2.2	ng/ul	128909	4	17.53	1161400	20.0
Tridecanoic acid	18.40	5.0	ng/ul	293314	4	17.53	1161400	20.0
(DEL) Alkane: Cyc...	21.43	2.6	ng/ul	199403	5	21.81	1505890	20.0
(DEL) Alkane: Str...	22.62	2.1	ng/ul	156107	5	21.81	1505890	20.0
(DEL) Alkane: Str...	24.17	3.7	ng/ul	255623	6	25.15	1369580	20.0
(DEL) Alkane: Str...	26.33	6.9	ng/ul	471229	6	25.15	1369580	20.0
unknown-01	27.42	3.1	ng/ul	209940	6	25.15	1369580	20.0