

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
 Data File : BG027054.D
 Acq On : 22 May 2017 12:19
 Operator : SJ/MA
 Sample : I3211-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EME-BF002-01

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	3.183	15	16	25	rVB7	4972	5699	0.21%	0.016%
2	3.430	53	58	67	rBV	53239	84382	3.17%	0.230%
3	3.612	88	89	93	rVB4	4210	4863	0.18%	0.013%
4	3.641	93	94	99	rBV5	3653	5004	0.19%	0.014%
5	6.226	527	534	538	rBV8	4086	8478	0.32%	0.023%
6	6.649	602	606	612	rVB4	2603	5095	0.19%	0.014%
7	7.067	665	677	686	rBV9	8451	26317	0.99%	0.072%
8	7.190	691	698	714	rBV	460168	914326	34.36%	2.495%
9	7.331	714	722	735	rVV	423588	717021	26.95%	1.957%
10	7.413	735	736	743	rVB5	3745	5679	0.21%	0.015%
11	7.548	750	759	773	rBV	515432	924522	34.75%	2.523%
12	8.007	827	837	854	rBV	569121	982941	36.94%	2.683%
13	8.312	884	889	891	rBV5	4851	6588	0.25%	0.018%
14	8.629	938	943	948	rBV6	2769	5142	0.19%	0.014%
15	8.723	952	959	974	rBV	591616	1180966	44.38%	3.223%
16	9.164	1024	1034	1051	rBV	478778	888623	33.40%	2.425%
17	9.317	1051	1060	1076	rBV8	14683	47675	1.79%	0.130%
18	9.581	1100	1105	1110	rVB	9807	14873	0.56%	0.041%
19	9.893	1150	1158	1172	rVV	388907	727816	27.35%	1.986%
20	10.186	1201	1208	1212	rBV7	3807	5845	0.22%	0.016%
21	10.445	1244	1252	1274	rBV	565038	1182520	44.44%	3.227%
22	10.809	1301	1314	1328	rBV	883985	1600481	60.15%	4.368%
23	10.944	1328	1337	1364	rVV	427286	843213	31.69%	2.301%
24	11.361	1401	1408	1416	rVB4	3203	9549	0.36%	0.026%
25	11.644	1449	1456	1457	rBV5	4083	6398	0.24%	0.017%
26	12.067	1521	1528	1532	rVB3	5716	9113	0.34%	0.025%
27	12.290	1560	1566	1570	rBV6	4179	8149	0.31%	0.022%
28	12.390	1577	1583	1593	rVB3	11497	25188	0.95%	0.069%
29	12.772	1642	1648	1650	rBV5	3685	6509	0.24%	0.018%
30	13.018	1685	1690	1696	rBV8	4748	10919	0.41%	0.030%
31	13.071	1696	1699	1708	rVV8	4868	8962	0.34%	0.024%
32	13.224	1720	1725	1734	rBV4	14210	29370	1.10%	0.080%
33	13.318	1734	1741	1744	rVV6	2780	6140	0.23%	0.017%
34	13.342	1744	1745	1754	rVB6	4505	6498	0.24%	0.018%

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35	13.436	1757	1761	1769	rBV6	3724	7037	0.26%	0.019%
36	13.594	1782	1788	1793	rBV5	3721	7708	0.29%	0.021%
37	14.017	1852	1860	1865	rBV	1107618	1644061	61.79%	4.487%
38	14.064	1865	1868	1878	rVV	494218	724178	27.22%	1.976%
39	14.129	1878	1879	1887	rVB6	4374	5823	0.22%	0.016%
40	14.317	1903	1911	1934	rVB	1375321	2195057	82.50%	5.991%
41	14.505	1937	1943	1947	rBV	17290	22082	0.83%	0.060%
42	14.622	1952	1963	1976	rVB2	1217153	1976128	74.27%	5.393%
43	14.857	1995	2003	2031	rBV	200918	614548	23.10%	1.677%
44	15.034	2031	2033	2036	rVV3	9134	13375	0.50%	0.037%
45	15.063	2036	2038	2044	rVV6	8419	15516	0.58%	0.042%
46	15.122	2044	2048	2053	rVV7	7383	14148	0.53%	0.039%
47	15.192	2053	2060	2064	rVB8	6123	10829	0.41%	0.030%
48	15.404	2091	2096	2100	rBV2	12490	23100	0.87%	0.063%
49	15.451	2100	2104	2109	rVB	38169	50819	1.91%	0.139%
50	15.504	2109	2113	2117	rBV5	4991	7586	0.29%	0.021%
51	15.609	2121	2131	2144	rBV	1680595	2551993	95.91%	6.965%
52	15.739	2148	2153	2164	rBV	287500	468556	17.61%	1.279%
53	15.844	2165	2171	2177	rVV5	32878	61715	2.32%	0.168%
54	15.897	2177	2180	2184	rVB5	5168	5984	0.22%	0.016%
55	15.944	2184	2188	2193	rVB7	6281	10206	0.38%	0.028%
56	16.003	2193	2198	2204	rVB4	8677	13659	0.51%	0.037%
57	16.074	2204	2210	2213	rBV5	5729	9092	0.34%	0.025%
58	16.168	2222	2226	2228	rBV5	3781	6239	0.23%	0.017%
59	16.250	2235	2240	2242	rVV5	2871	4876	0.18%	0.013%
60	16.309	2245	2250	2259	rBV	57959	93387	3.51%	0.255%
61	16.385	2260	2263	2267	rVV4	7156	9123	0.34%	0.025%
62	16.485	2275	2280	2285	rVB4	11333	15124	0.57%	0.041%
63	16.561	2288	2293	2298	rBV6	5646	12366	0.46%	0.034%
64	16.649	2300	2308	2315	rBV6	11062	26709	1.00%	0.073%
65	16.755	2321	2326	2331	rBV5	12929	25497	0.96%	0.070%
66	16.814	2332	2336	2342	rVB5	7841	11367	0.43%	0.031%
67	16.879	2342	2347	2350	rBV6	7000	7568	0.28%	0.021%
68	17.096	2378	2384	2388	rVV2	45536	62395	2.35%	0.170%
69	17.149	2388	2393	2400	rVB2	17507	30805	1.16%	0.084%
70	17.249	2407	2410	2421	rVB2	8842	15875	0.60%	0.043%
71	17.354	2421	2428	2437	rBV2	1310886	2036681	76.54%	5.559%

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72	17.454	2437	2445	2454	rVV2	1670511	2547189	95.73%	6.952%
73	17.519	2454	2456	2462	rVV7	13687	21669	0.81%	0.059%
74	17.566	2462	2464	2470	rVV5	6254	7979	0.30%	0.022%
75	17.625	2470	2474	2482	rVV7	8852	18568	0.70%	0.051%
76	17.689	2482	2485	2491	rVV7	5053	8849	0.33%	0.024%
77	17.754	2491	2496	2500	rVB8	6244	12360	0.46%	0.034%
78	17.830	2503	2509	2514	rBV2	25147	35931	1.35%	0.098%
79	18.001	2534	2538	2546	rVB6	12167	20508	0.77%	0.056%
80	18.107	2550	2556	2561	rBV8	12376	25347	0.95%	0.069%
81	18.230	2572	2577	2586	rBV	166021	274535	10.32%	0.749%
82	18.300	2587	2589	2606	rVB4	17996	51341	1.93%	0.140%
83	18.524	2623	2627	2631	rBV7	8350	13661	0.51%	0.037%
84	18.647	2645	2648	2653	rBV7	14940	20077	0.75%	0.055%
85	18.876	2685	2687	2691	rBV4	6023	9809	0.37%	0.027%
86	19.047	2713	2716	2719	rVB4	4609	5767	0.22%	0.016%
87	19.147	2728	2733	2736	rBV7	8553	11794	0.44%	0.032%
88	19.199	2741	2742	2748	rBV6	3779	5567	0.21%	0.015%
89	19.376	2765	2772	2779	rBV3	31524	76595	2.88%	0.209%
90	19.499	2788	2793	2802	rBV5	45163	97992	3.68%	0.267%
91	19.628	2810	2815	2823	rVB4	20144	40067	1.51%	0.109%
92	19.734	2826	2833	2844	rBV2	1802782	2660764	100.00%	7.262%
93	21.602	3144	3151	3165	rBV	1237048	2075492	78.00%	5.665%
94	23.018	3387	3392	3407	rVB3	148426	347448	13.06%	0.948%
95	23.224	3421	3427	3437	rVB	223318	420916	15.82%	1.149%
96	23.823	3524	3529	3535	rVB2	54688	103658	3.90%	0.283%
97	24.564	3645	3655	3677	rBV3	662450	2341847	88.01%	6.392%
98	24.775	3680	3691	3710	rVB3	506474	1799378	67.63%	4.911%
99	25.839	3866	3872	3880	rVB3	72629	183292	6.89%	0.500%
100	27.149	4089	4095	4115	rVB5	76523	275388	10.35%	0.752%

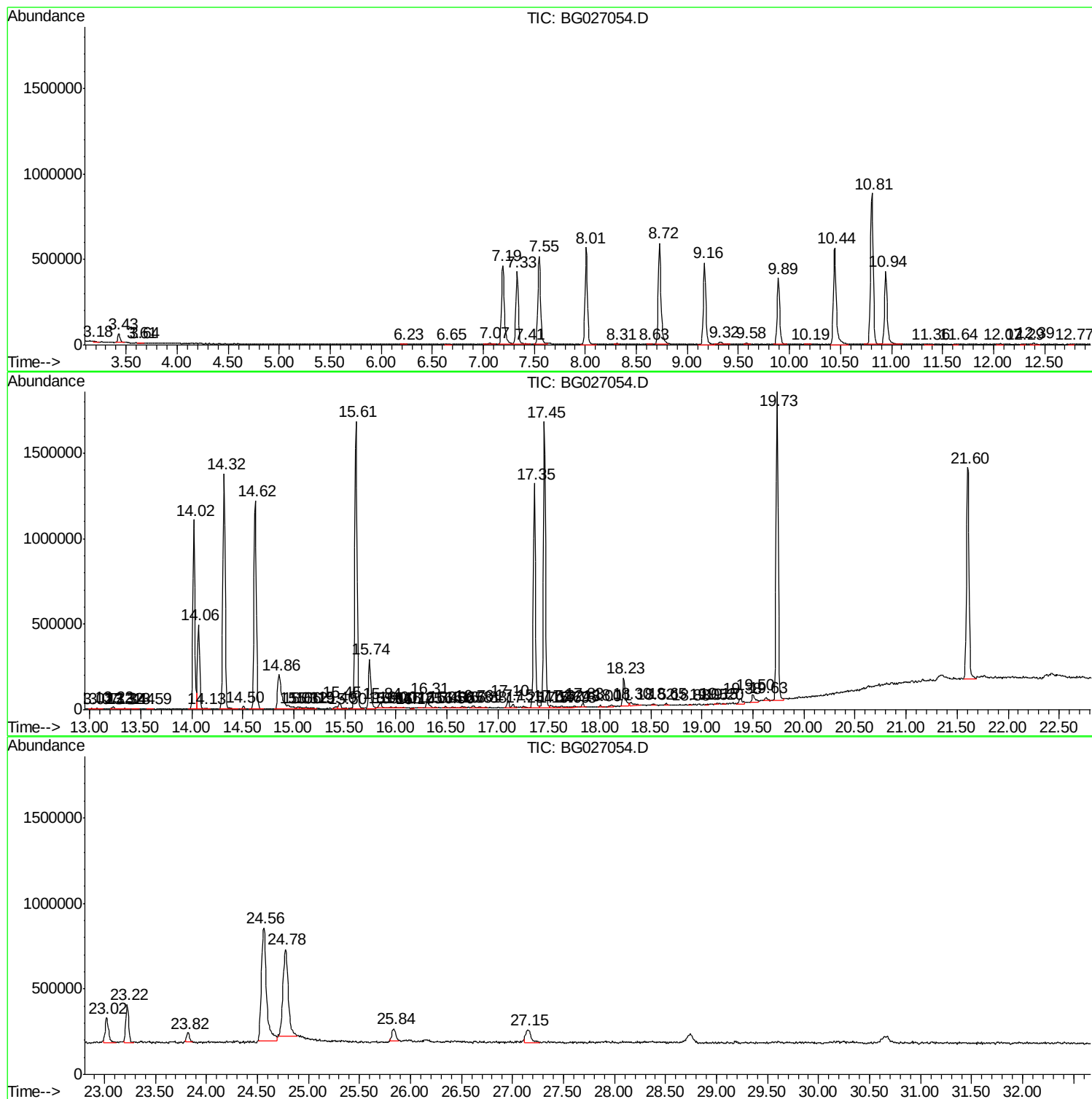
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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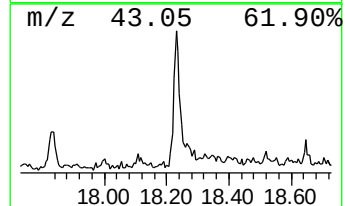
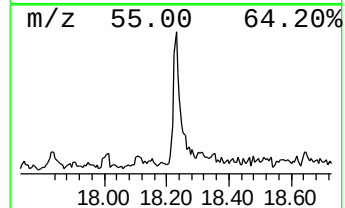
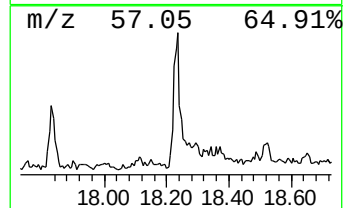
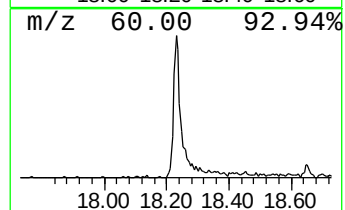
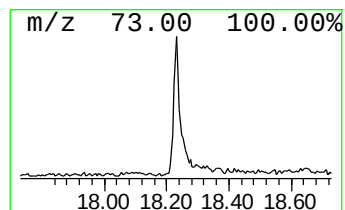
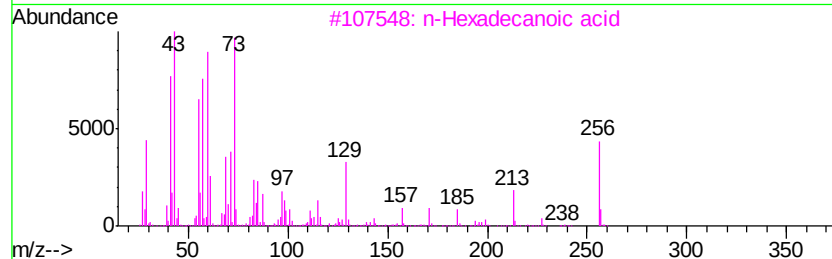
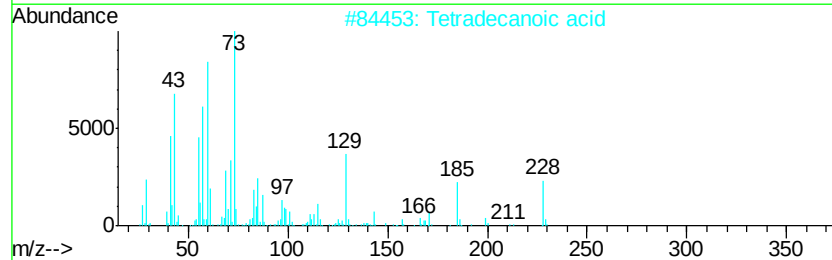
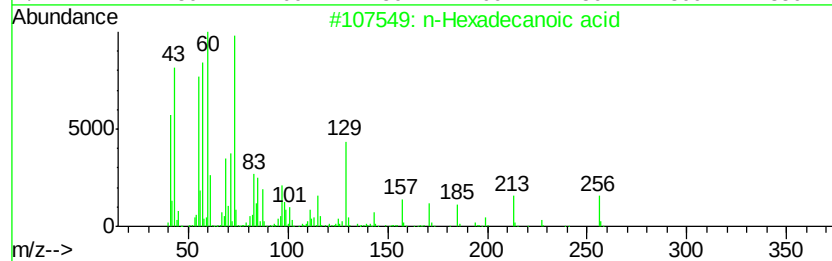
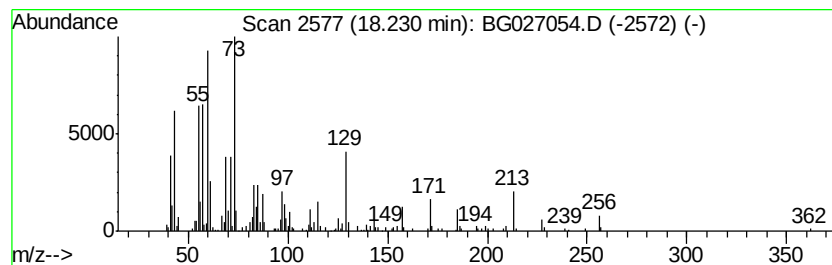
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	2.70 ng/ul	274535	Phenanthrene-d10	17.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	90



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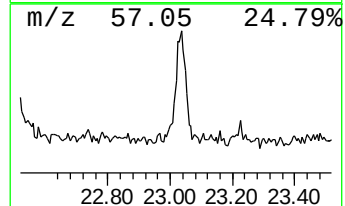
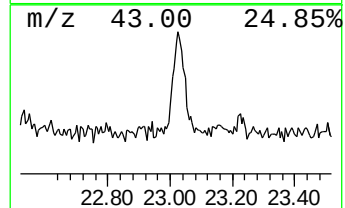
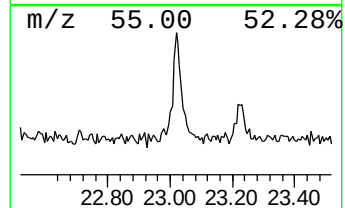
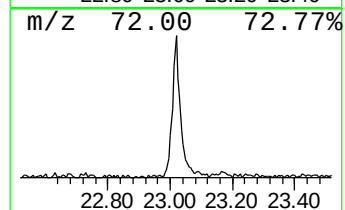
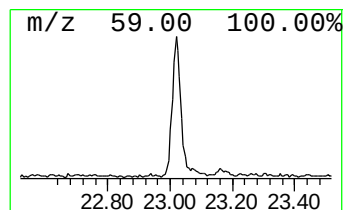
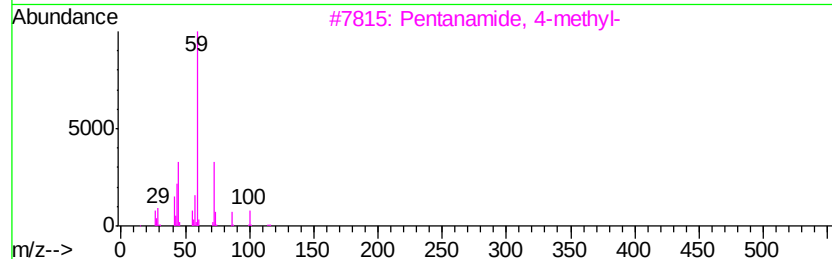
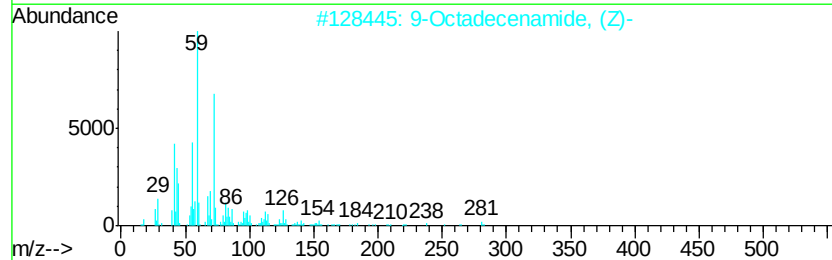
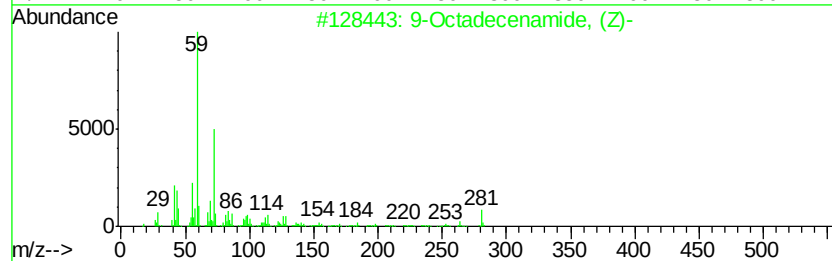
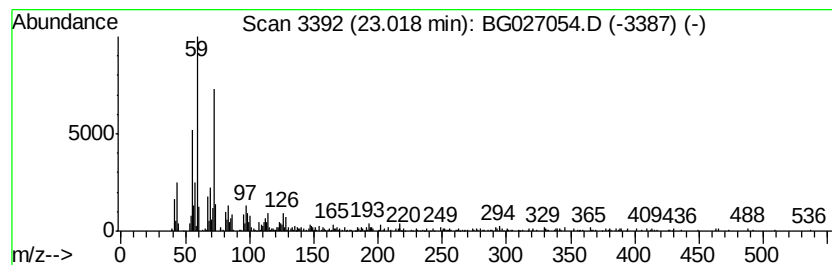
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	3.35 ng/ul	347448	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3		Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	80
4		9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
5		Tetradecanamide	227	C14H29NO	000638-58-4	72



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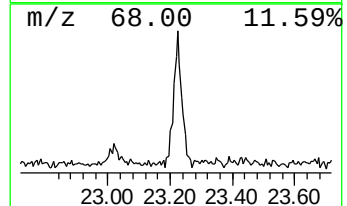
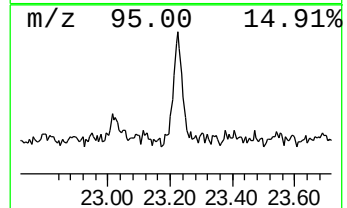
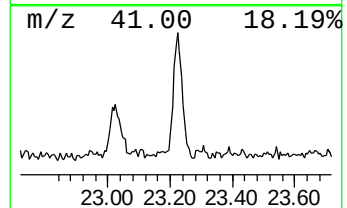
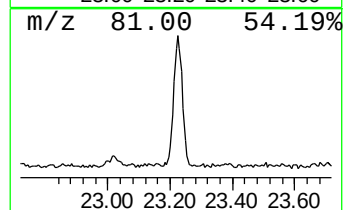
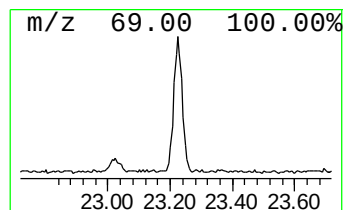
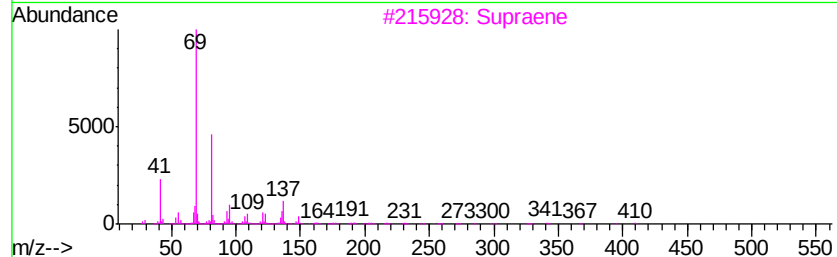
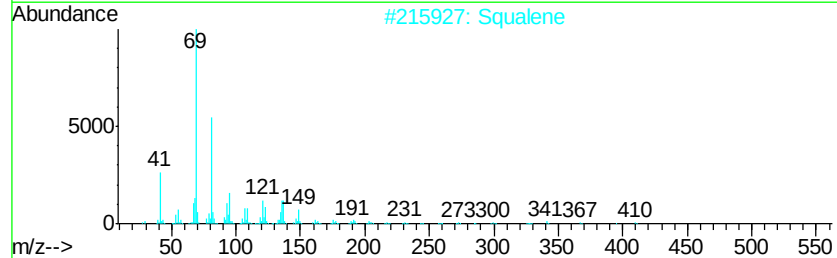
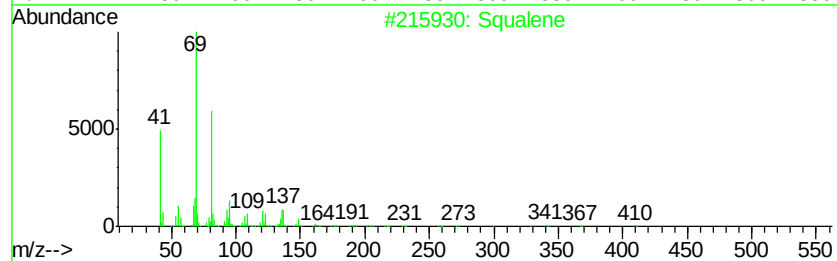
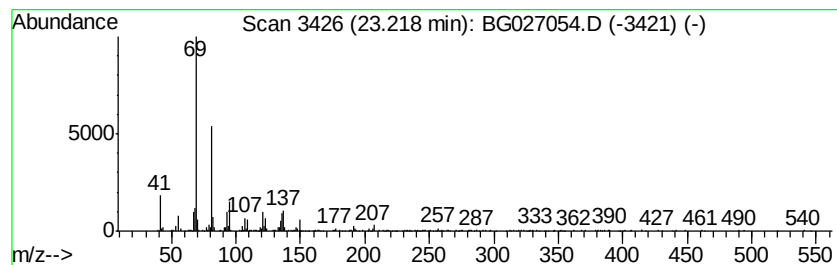
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Squalene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.22	4.68 ng/ul	420916	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	99
2		Squalene	410	C30H50	000111-02-4	98
3		Supraene	410	C30H50	007683-64-9	98
4		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	90
5		Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	86



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027054.D
Acq On : 22 May 2017 12:19
Operator : SJ/MA
Sample : I3211-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF002-01

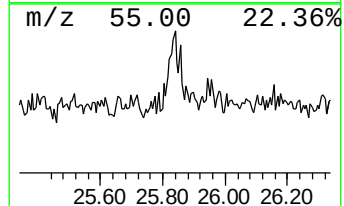
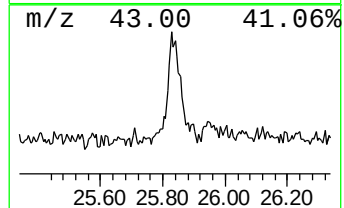
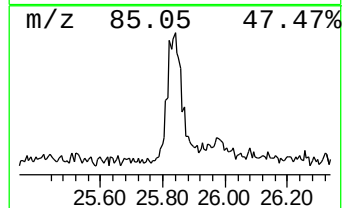
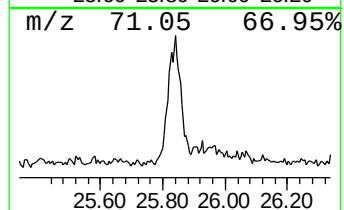
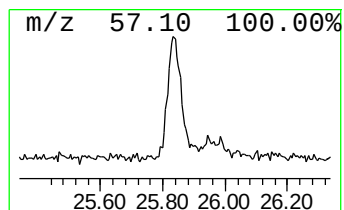
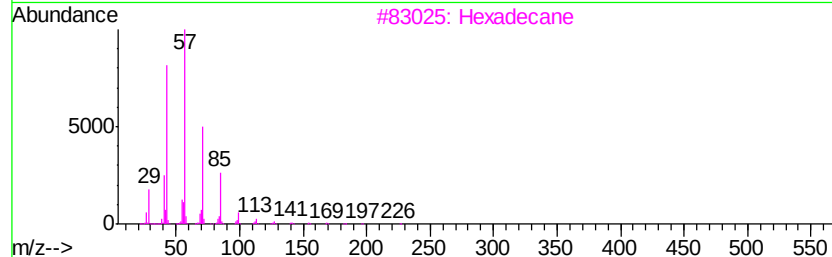
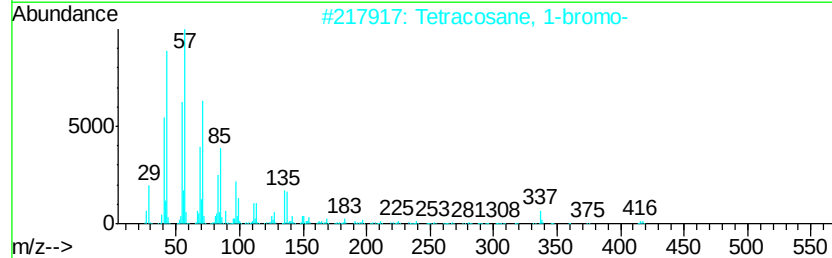
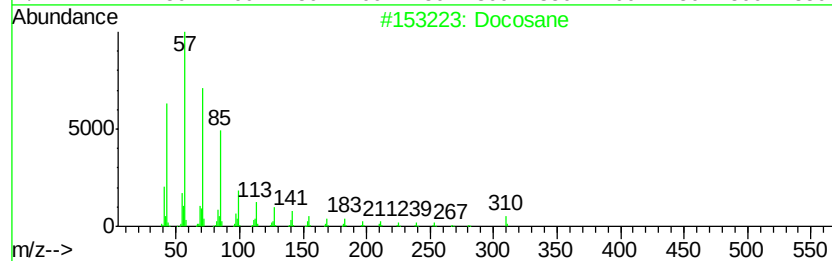
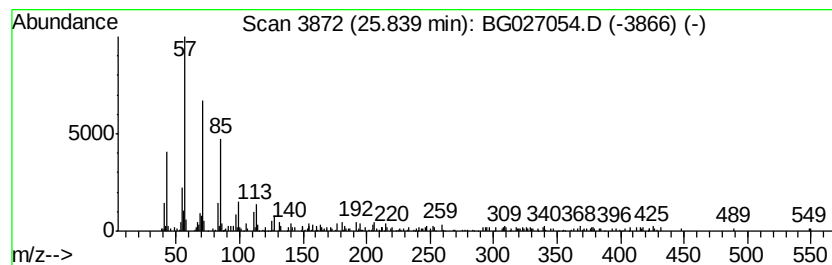
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Quant Title : SVOA CALIBRATION

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.
25.84	2.04 ng/ul	183292	Perylene-d12	24.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Tetracosane, 1-bromo-	416	C24H49Br	006946-24-3	81
3		Hexadecane	226	C16H34	000544-76-3	81
4		2-Bromotetradecane	276	C14H29Br	074036-95-6	74
5		Hexadecane	226	C16H34	000544-76-3	74



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027054.D
Acq On : 22 May 2017 12:19
Operator : SJ/MA
Sample : I3211-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF002-01

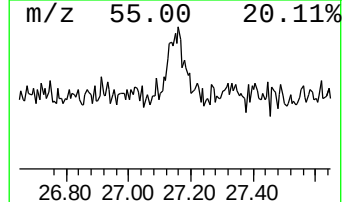
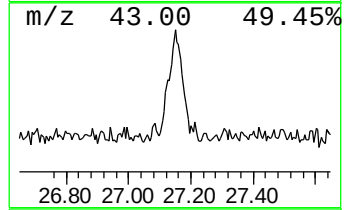
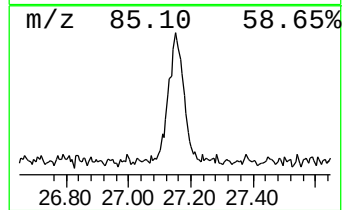
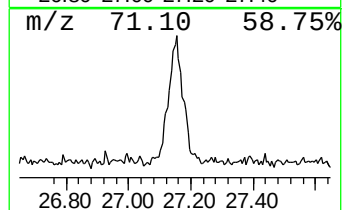
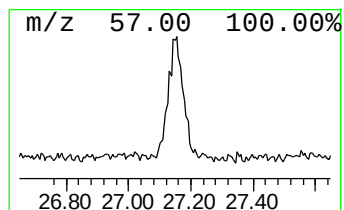
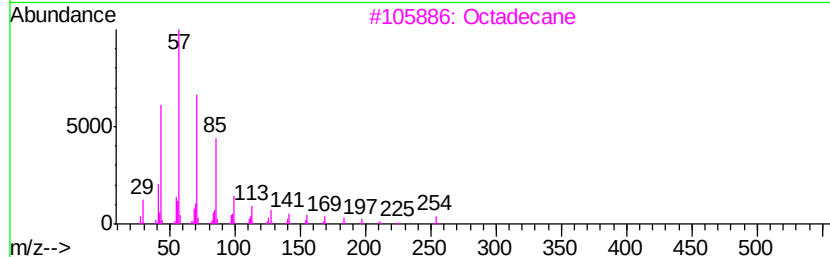
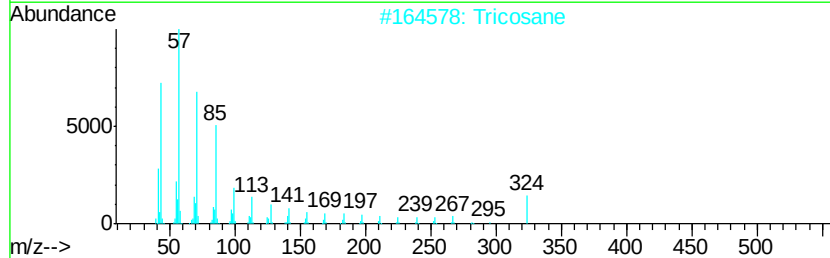
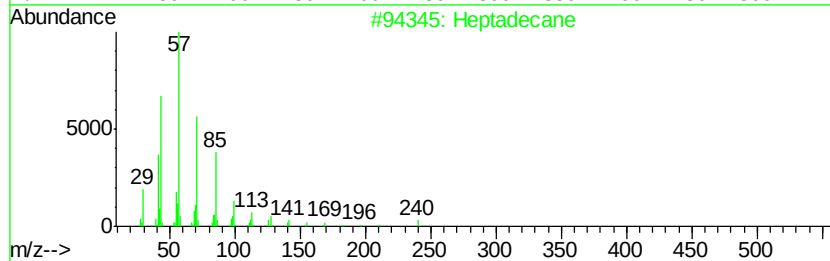
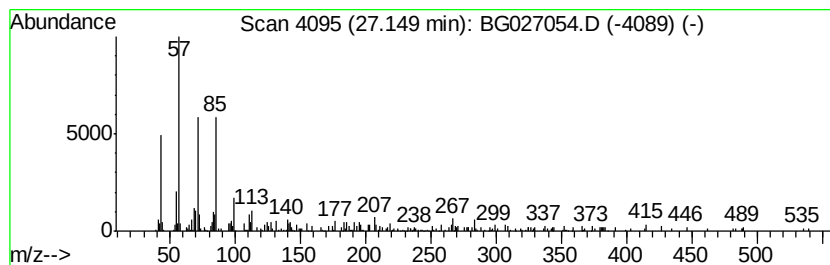
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
27.15	3.06 ng/ul	275388	Perylene-d12	24.78

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	74
2		Tricosane	324	C23H48	000638-67-5	74
3		Octadecane	254	C18H38	000593-45-3	72
4		Pentacosane	352	C25H52	000629-99-2	72
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052217\
Data File : BG027054.D
Acq On : 22 May 2017 12:19
Operator : SJ/MA
Sample : I3211-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EME-BF002-01

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	274535	4	17.35	2036680	20.0
9-Octadecenamide,...	23.02	3.4	ng/ul	347448	5	21.60	2075490	20.0
Squalene	23.22	4.7	ng/ul	420916	6	24.78	1799380	20.0
(DEL) Alkane: Str...	25.84	2.0	ng/ul	183292	6	24.78	1799380	20.0
(DEL) Alkane: Str...	27.15	3.1	ng/ul	275388	6	24.78	1799380	20.0