

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
 Data File : BG026831.D
 Acq On : 2 May 2017 7:00
 Operator : SJ/MA
 Sample : I2867-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT92

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	3.425	53	57	66	rVB2	40814	69738	1.73%	0.141%
2	7.185	690	697	710	rBV	608658	1155393	28.69%	2.333%
3	7.332	716	722	734	rVB	568560	935698	23.23%	1.889%
4	7.549	751	759	772	rBV	667212	1183665	29.39%	2.390%
5	8.008	831	837	852	rVB	488969	835334	20.74%	1.687%
6	8.725	951	959	977	rBV	815069	1549359	38.47%	3.129%
7	9.165	1027	1034	1046	rBV	671546	1195234	29.67%	2.414%
8	9.588	1102	1106	1113	rVB3	14870	30827	0.77%	0.062%
9	9.888	1150	1157	1167	rBV	553932	985239	24.46%	1.989%
10	10.440	1243	1251	1272	rVB	829068	1600664	39.74%	3.232%
11	10.810	1306	1314	1323	rVB	828832	1511735	37.53%	3.053%
12	10.940	1328	1336	1357	rBV	828408	1608805	39.94%	3.249%
13	11.239	1384	1387	1395	rVB2	4921	9692	0.24%	0.020%
14	12.291	1560	1566	1571	rVB8	6973	15100	0.37%	0.030%
15	12.397	1577	1584	1593	rVB5	18505	41087	1.02%	0.083%
16	12.855	1657	1662	1669	rVB6	4411	7988	0.20%	0.016%
17	13.231	1719	1726	1733	rBV7	6943	13943	0.35%	0.028%
18	13.443	1754	1762	1767	rBV8	5582	11380	0.28%	0.023%
19	13.525	1772	1776	1780	rVB5	6191	8461	0.21%	0.017%
20	13.601	1786	1789	1796	rVB5	7064	8979	0.22%	0.018%
21	13.842	1821	1830	1834	rBV8	2791	8157	0.20%	0.016%
22	13.948	1843	1848	1854	rVV9	7717	14677	0.36%	0.030%
23	14.024	1854	1861	1865	rVV	1585351	2345024	58.22%	4.735%
24	14.065	1865	1868	1877	rVV	322194	474029	11.77%	0.957%
25	14.136	1877	1880	1890	rVV7	6226	13116	0.33%	0.026%
26	14.318	1902	1911	1921	rBV	2037945	3273613	81.27%	6.610%
27	14.441	1928	1932	1937	rVV6	3842	6752	0.17%	0.014%
28	14.506	1937	1943	1948	rVB2	37411	54759	1.36%	0.111%
29	14.624	1951	1963	1973	rBV2	1283503	2085866	51.79%	4.212%
30	14.700	1973	1976	1986	rVB6	16556	28003	0.70%	0.057%
31	14.841	1986	2000	2019	rBV2	317854	861155	21.38%	1.739%
32	15.117	2042	2047	2054	rVB7	12861	20743	0.51%	0.042%
33	15.193	2054	2060	2066	rVV7	8040	12930	0.32%	0.026%
34	15.405	2091	2096	2100	rBV	13405	21233	0.53%	0.043%

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35	15.452	2100	2104	2111	rVB	68054	86643	2.15%	0.175%
36	15.517	2111	2115	2119	rBV6	6877	9028	0.22%	0.018%
37	15.611	2119	2131	2142	rVB	2410877	3753457	93.19%	7.579%
38	15.728	2142	2151	2166	rBV	557865	894582	22.21%	1.806%
39	15.846	2166	2171	2178	rBV4	51341	100204	2.49%	0.202%
40	15.904	2178	2181	2184	rVB4	7155	6954	0.17%	0.014%
41	15.957	2184	2190	2195	rVB9	9244	14872	0.37%	0.030%
42	16.010	2195	2199	2203	rBV5	10380	14638	0.36%	0.030%
43	16.081	2206	2211	2221	rVB5	48282	69581	1.73%	0.141%
44	16.181	2223	2228	2232	rBV7	4652	8404	0.21%	0.017%
45	16.275	2238	2244	2246	rBV7	4478	10111	0.25%	0.020%
46	16.310	2246	2250	2268	rVV	84295	174511	4.33%	0.352%
47	16.568	2287	2294	2302	rVB8	6384	21147	0.53%	0.043%
48	16.651	2302	2308	2316	rBV10	16129	38696	0.96%	0.078%
49	16.715	2316	2319	2323	rVV6	7587	10592	0.26%	0.021%
50	16.762	2323	2327	2333	rVV9	11978	21886	0.54%	0.044%
51	16.821	2333	2337	2341	rVB5	6810	12237	0.30%	0.025%
52	16.886	2344	2348	2351	rVB6	8740	11653	0.29%	0.024%
53	16.956	2358	2360	2365	rVB6	8294	7847	0.19%	0.016%
54	17.103	2380	2385	2389	rBV	65524	79680	1.98%	0.161%
55	17.156	2389	2394	2405	rVB6	25957	56511	1.40%	0.114%
56	17.250	2405	2410	2417	rBV6	13530	27751	0.69%	0.056%
57	17.356	2417	2428	2438	rBV2	1459406	2154217	53.48%	4.350%
58	17.456	2438	2445	2454	rVB	2531057	3713047	92.18%	7.498%
59	17.573	2463	2465	2471	rVB6	4244	7496	0.19%	0.015%
60	17.638	2471	2476	2479	rBV6	6797	9418	0.23%	0.019%
61	17.743	2492	2494	2502	rVB9	5474	9896	0.25%	0.020%
62	17.837	2504	2510	2514	rBV3	29652	48345	1.20%	0.098%
63	17.996	2536	2537	2544	rBV6	5389	8085	0.20%	0.016%
64	18.114	2552	2557	2562	rBV8	10787	22261	0.55%	0.045%
65	18.178	2563	2568	2572	rBV6	27376	44173	1.10%	0.089%
66	18.237	2572	2578	2587	rBV	363308	545391	13.54%	1.101%
67	18.531	2622	2628	2630	rBV4	12700	19572	0.49%	0.040%
68	18.654	2645	2649	2654	rBV7	31614	41107	1.02%	0.083%
69	18.754	2664	2666	2673	rVB7	6886	13950	0.35%	0.028%
70	18.895	2684	2690	2693	rBV7	5924	11217	0.28%	0.023%
71	19.159	2729	2735	2737	rBV6	9421	15936	0.40%	0.032%

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72	19.230	2745	2747	2752	rVB6	4472	7234	0.18%	0.015%
73	19.377	2764	2772	2787	rBV3	68943	245833	6.10%	0.496%
74	19.500	2788	2793	2806	rBV	155437	286763	7.12%	0.579%
75	19.624	2811	2814	2825	rVB4	25948	59507	1.48%	0.120%
76	19.735	2825	2833	2842	rBV	2759194	3973661	98.66%	8.024%
77	20.111	2896	2897	2904	rBV7	4728	9018	0.22%	0.018%
78	20.170	2905	2907	2912	rBV6	11917	18418	0.46%	0.037%
79	20.381	2940	2943	2944	rBV3	10419	10347	0.26%	0.021%
80	20.540	2968	2970	2973	rBV4	10220	11913	0.30%	0.024%
81	20.611	2976	2982	2990	rBV9	40269	109620	2.72%	0.221%
82	20.693	2990	2996	3000	rVB9	24808	50132	1.24%	0.101%
83	20.734	3000	3003	3007	rBV2	33705	44596	1.11%	0.090%
84	20.781	3008	3011	3016	rVB6	25652	33861	0.84%	0.068%
85	21.163	3072	3076	3078	rBV5	8110	12674	0.31%	0.026%
86	21.398	3107	3116	3117	rBV9	35720	86440	2.15%	0.175%
87	21.598	3144	3150	3162	rBV	1340979	2211143	54.90%	4.465%
88	21.739	3171	3174	3177	rBV5	11472	16603	0.41%	0.034%
89	22.373	3278	3282	3287	rBV4	26784	38579	0.96%	0.078%
90	22.432	3289	3292	3297	rBV7	14985	28180	0.70%	0.057%
91	23.043	3392	3396	3404	rVB3	53067	101386	2.52%	0.205%
92	23.231	3424	3428	3434	rVB6	23619	39249	0.97%	0.079%
93	23.830	3523	3530	3539	rVB2	102531	207355	5.15%	0.419%
94	24.553	3641	3653	3667	rBV2	1429991	4027831	100.00%	8.133%
95	24.765	3678	3689	3705	rBV	905832	2543865	63.16%	5.137%
96	25.846	3865	3873	3884	rVB3	116601	329369	8.18%	0.665%
97	27.168	4088	4098	4109	rVB3	104066	329606	8.18%	0.666%
98	28.760	4357	4369	4384	rVB5	72717	311105	7.72%	0.628%
99	30.675	4685	4695	4709	rVB7	53884	269057	6.68%	0.543%
100	31.410	4818	4820	4822	rBV3	12588	15131	0.38%	0.031%

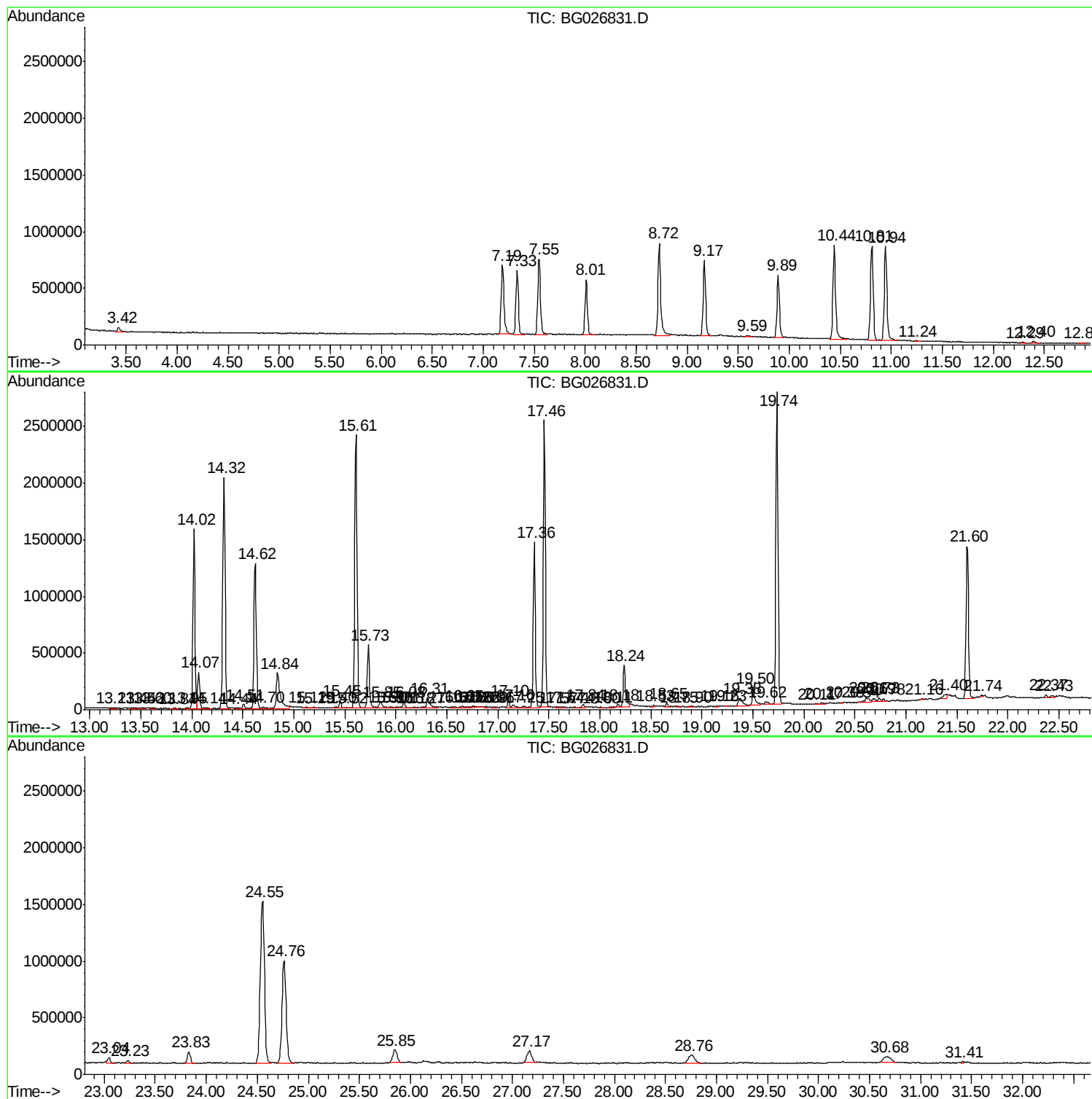
Sum of corrected areas: 49521950

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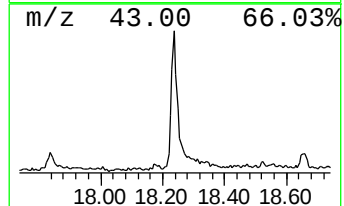
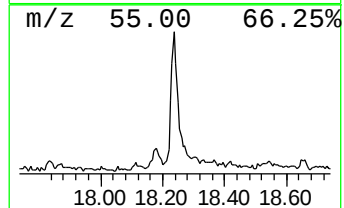
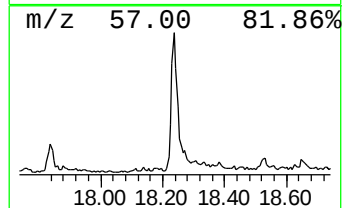
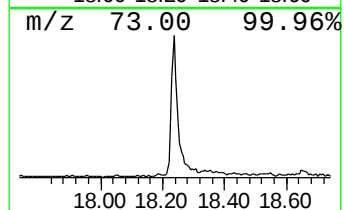
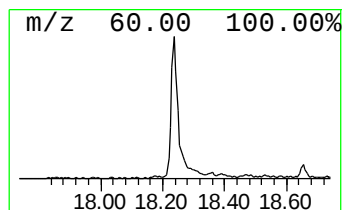
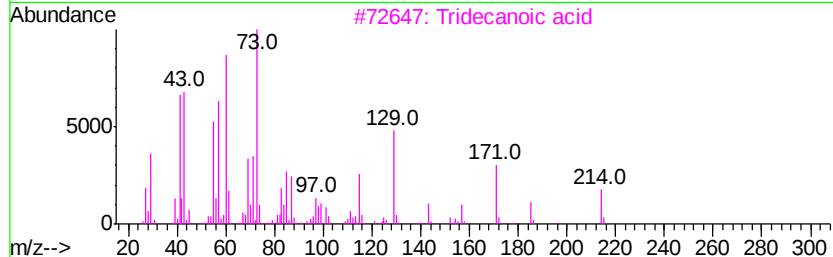
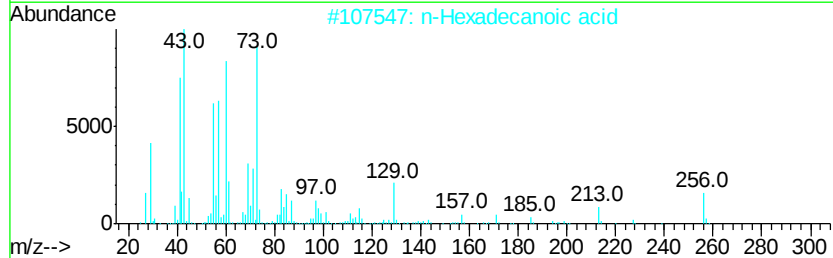
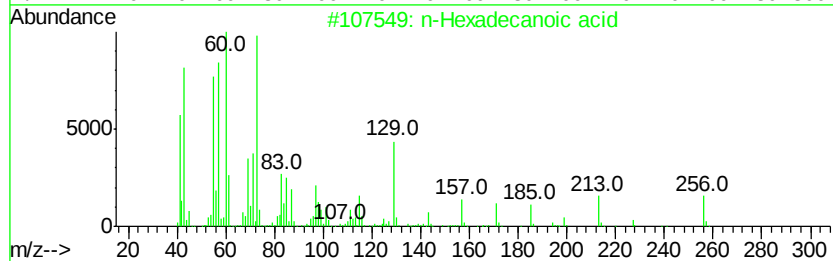
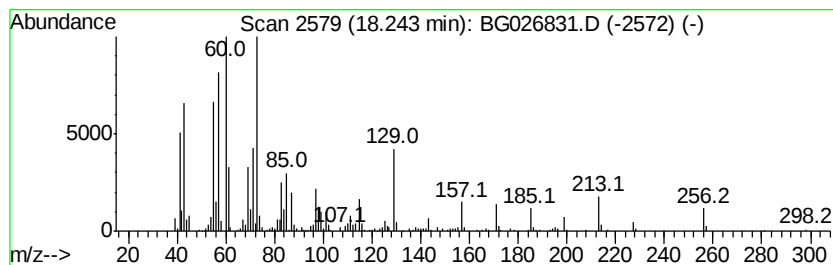
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
18.24	5.06 ng/ul	545391	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	96
3		Tridecanoic acid	214	C13H26O2	000638-53-9	95
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5		Octadecanoic acid	284	C18H36O2	000057-11-4	93



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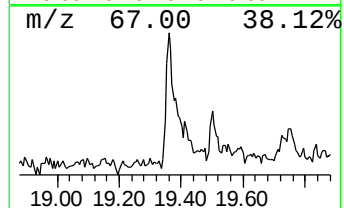
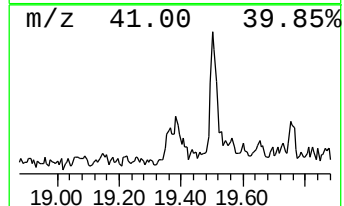
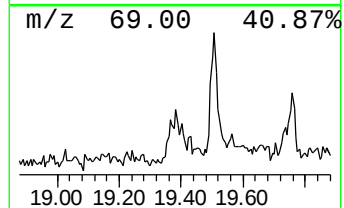
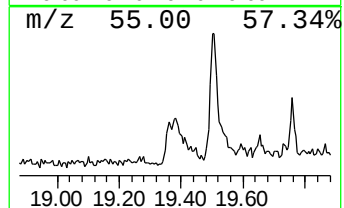
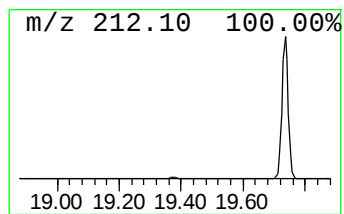
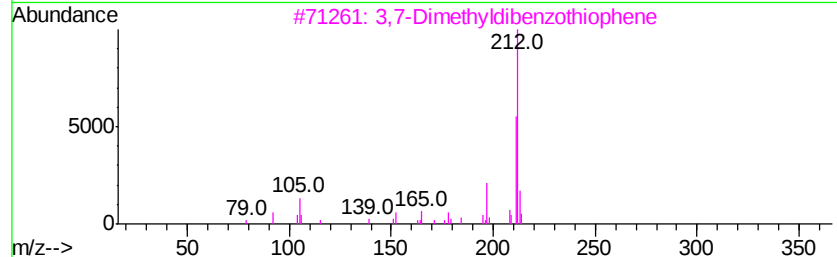
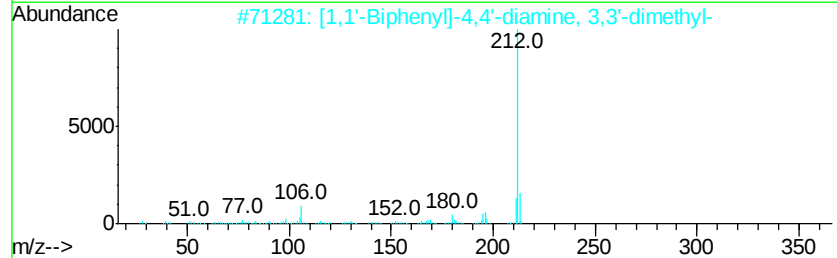
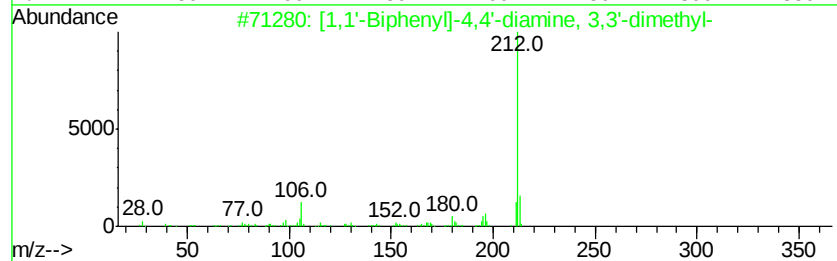
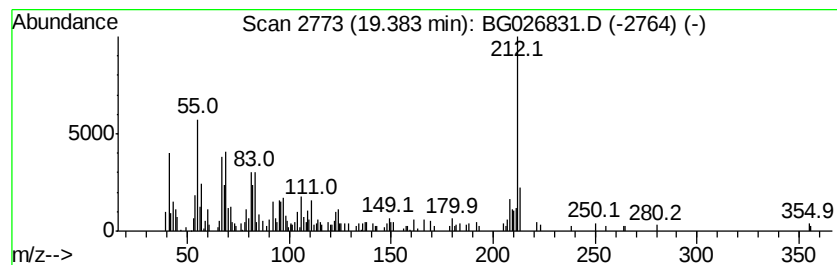
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 [1,1'-Biphenyl]-4,4'-diamin... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	2.28 ng/ul	245833	Phenanthrene-d10	17.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	53
2		[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	53
3		3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	50
4		Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	50
5		9H-Xanthene-9-thione	212	C13H8OS	000492-21-7	47



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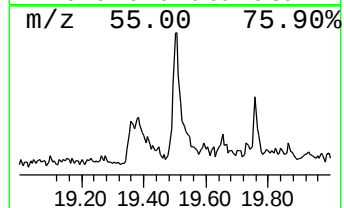
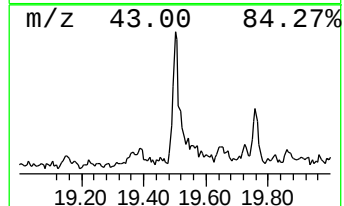
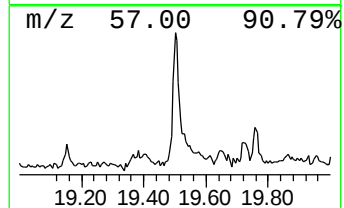
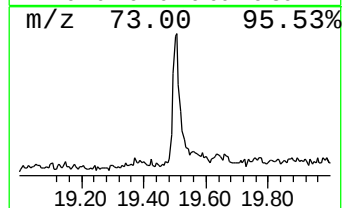
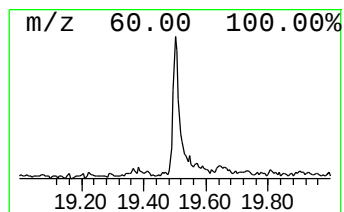
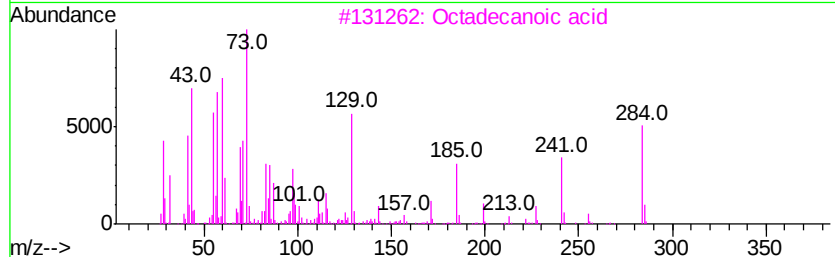
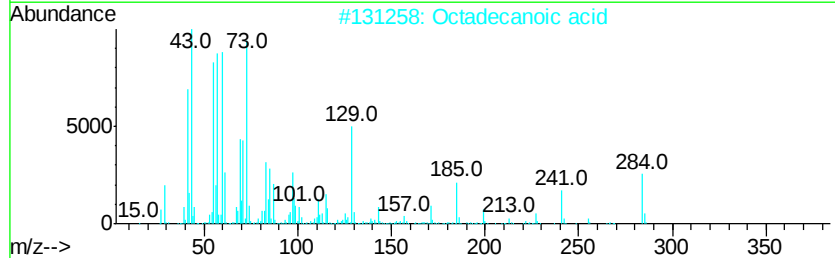
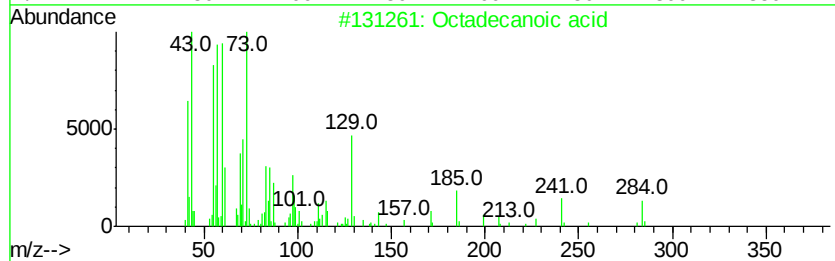
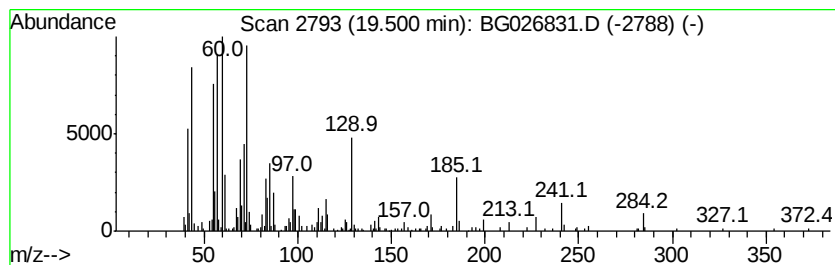
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Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.59 ng/ul	286763	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2		Octadecanoic acid	284	C18H36O2	000057-11-4	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	95



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026831.D
Acq On : 2 May 2017 7:00
Operator : SJ/MA
Sample : I2867-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT92

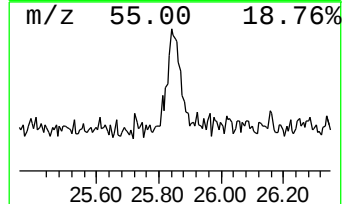
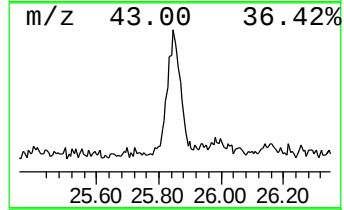
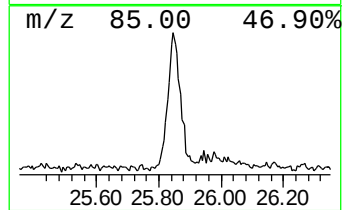
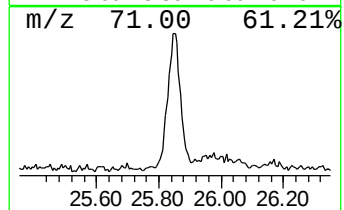
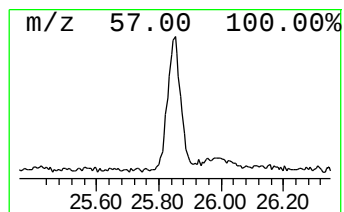
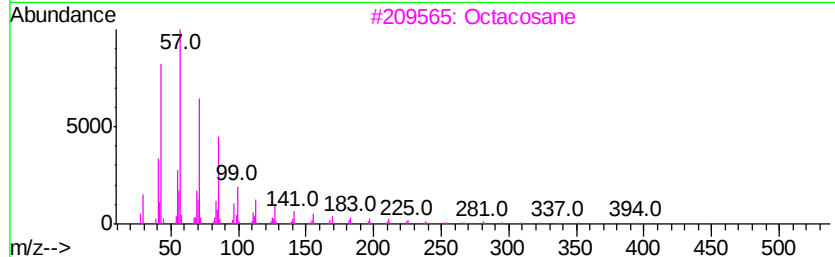
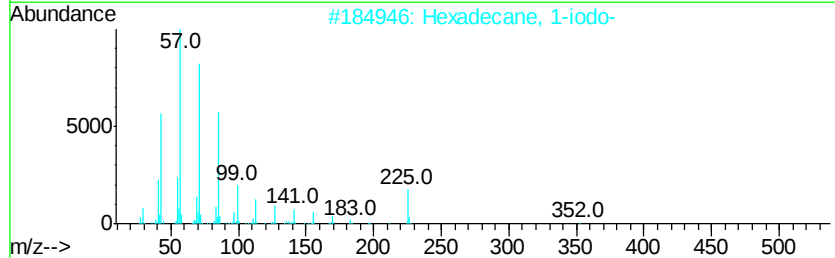
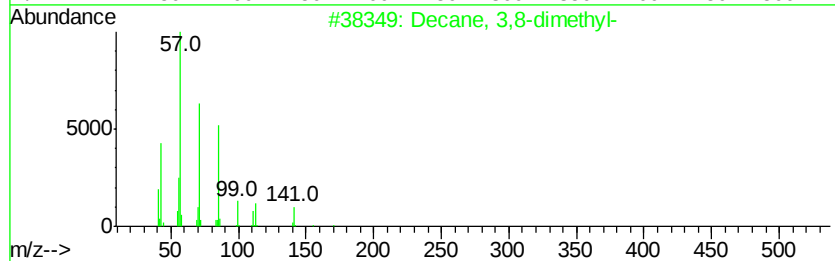
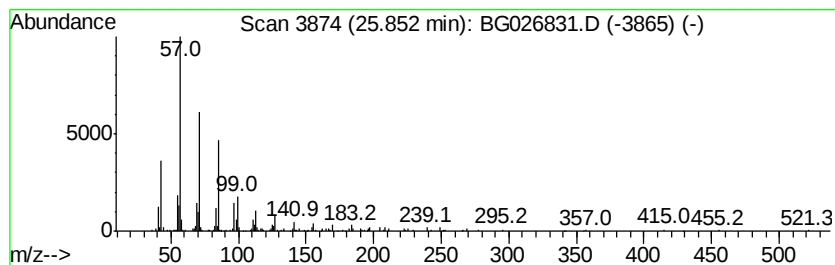
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.59 ng/ul	329369	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	91
2		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86
3		Octacosane	394	C28H58	000630-02-4	86
4		Tetracosane	338	C24H50	000646-31-1	86
5		Hexacosane	366	C26H54	000630-01-3	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026831.D
Acq On : 2 May 2017 7:00
Operator : SJ/MA
Sample : I2867-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT92

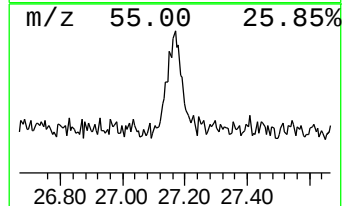
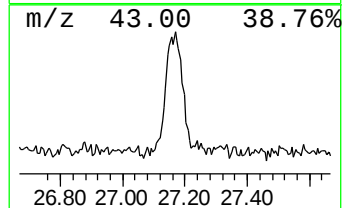
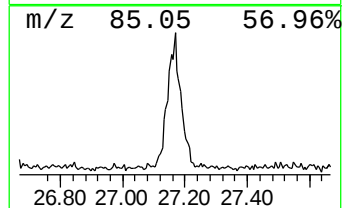
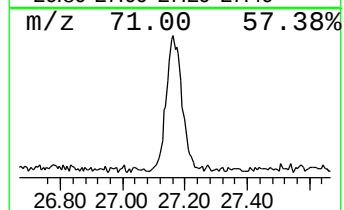
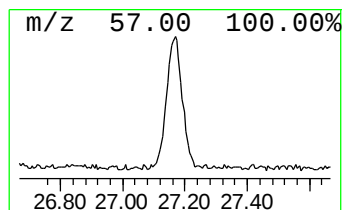
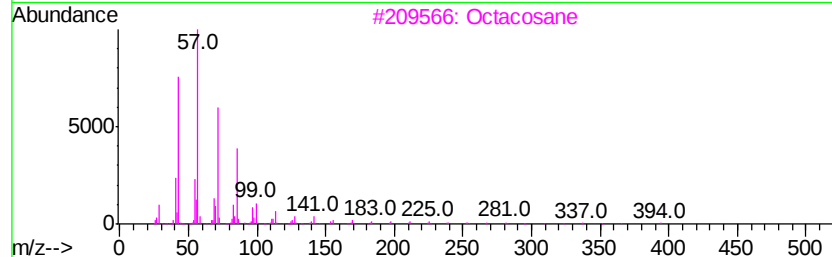
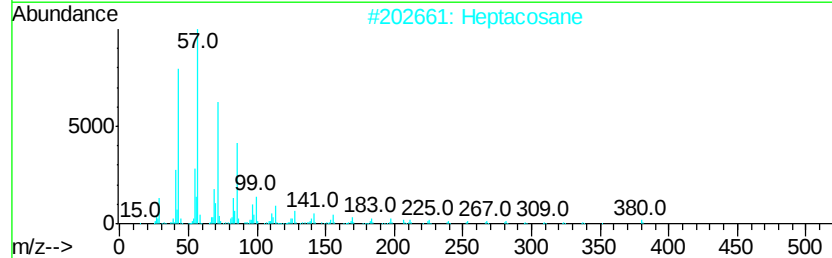
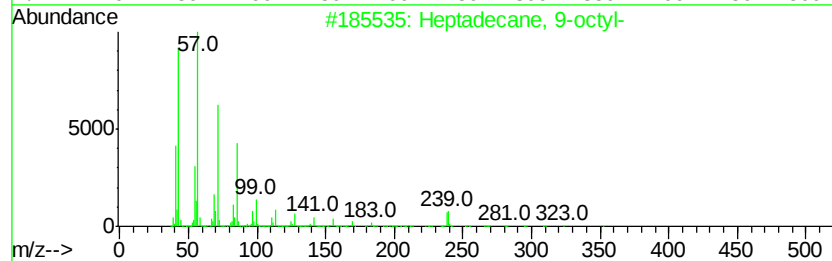
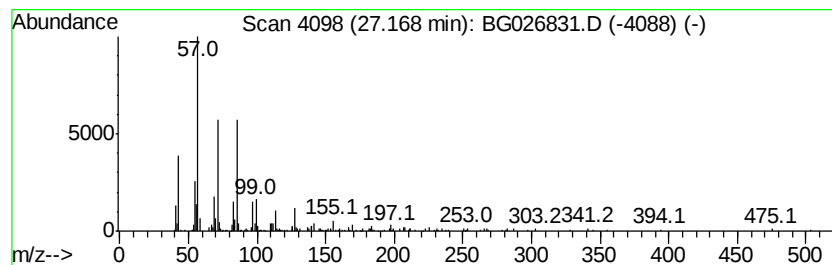
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.17	2.59 ng/ul	329606	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Heptacosane	380	C27H56	000593-49-7	91
3		Octacosane	394	C28H58	000630-02-4	87
4		Hexacosane	366	C26H54	000630-01-3	87
5		Tetracosane	338	C24H50	000646-31-1	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026831.D
Acq On : 2 May 2017 7:00
Operator : SJ/MA
Sample : I2867-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT92

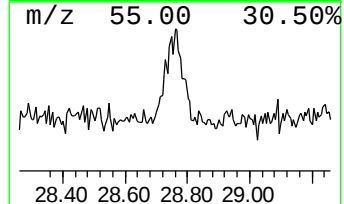
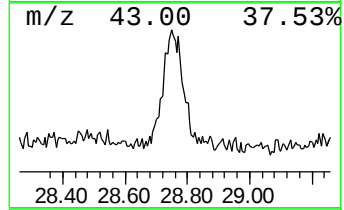
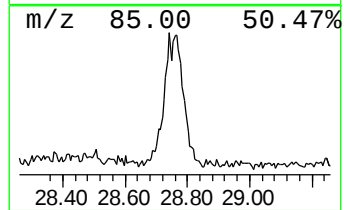
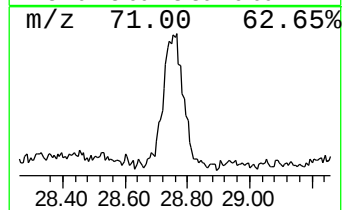
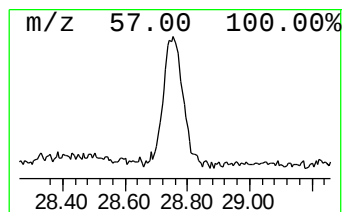
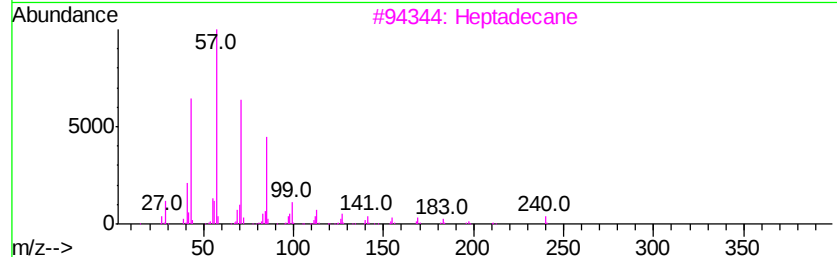
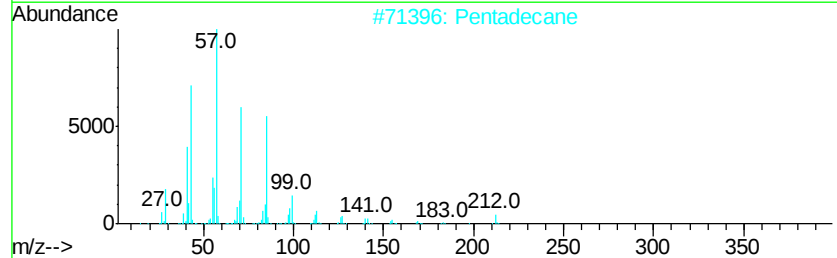
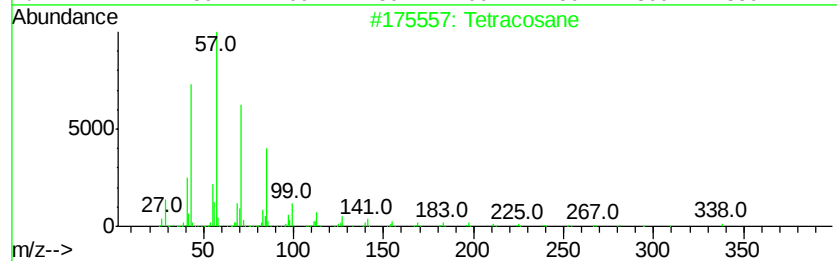
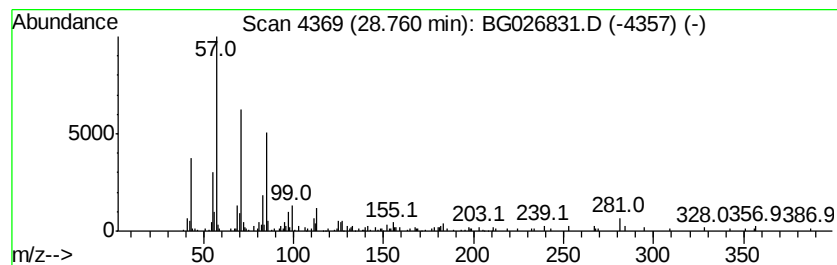
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.76	2.45 ng/ul	311105	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	86
2		Pentadecane	212	C15H32	000629-62-9	83
3		Heptadecane	240	C17H36	000629-78-7	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80



Data Path : Z:\HPCHEM1\BNA G\DATA\BG050117\
Data File : BG026831.D
Acq On : 2 May 2017 7:00
Operator : SJ/MA
Sample : I2867-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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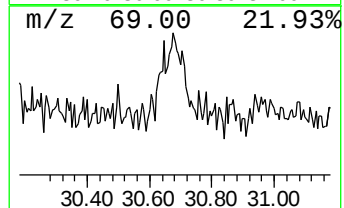
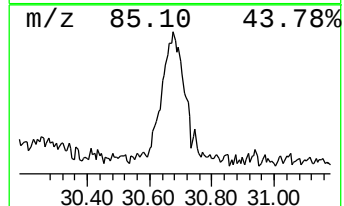
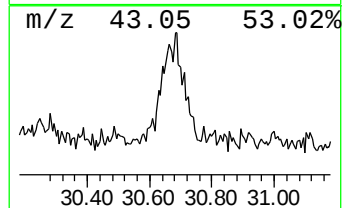
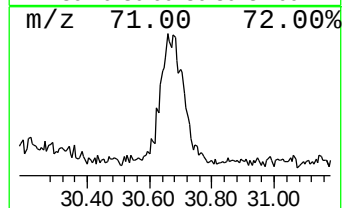
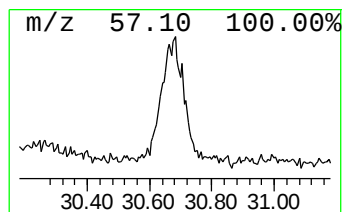
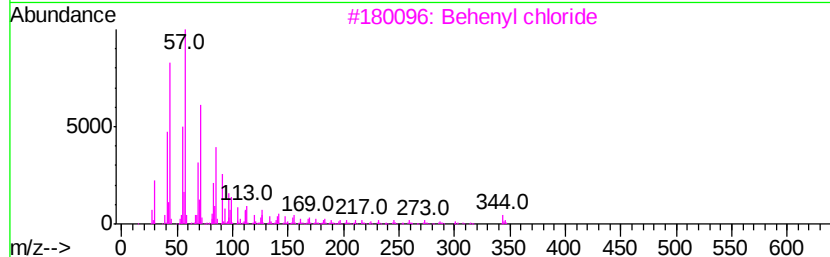
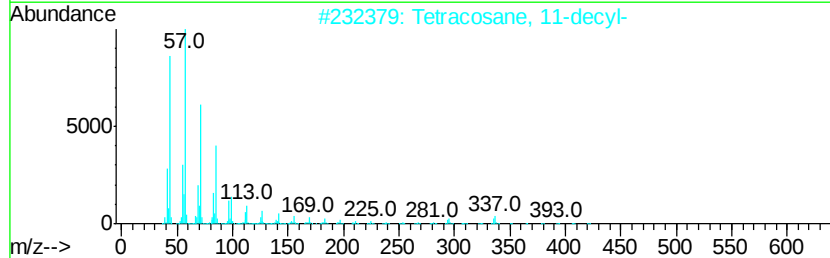
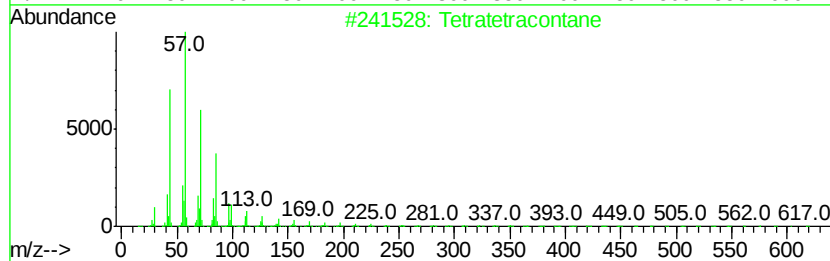
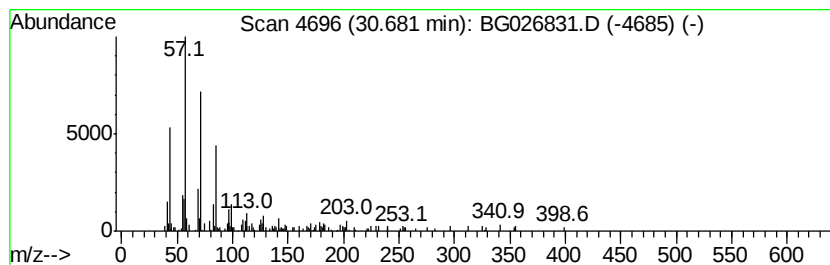
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.68	2.12 ng/ul	269057	Perylene-d12	24.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetratetracontane	619	C44H90	007098-22-8	86
2			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	78
3			Behenyl chloride	344	C22H45Cl	042217-03-8	78
4			Hexatriacontane	507	C36H74	000630-06-8	78
5			2-methylhexacosane	380	C27H56	1000376-72-7	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050117\
Data File : BG026831.D
Acq On : 2 May 2017 7:00
Operator : SJ/MA
Sample : I2867-15
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT92

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	18.24	5.1	ng/ul	545391	4	17.36	2154220	20.0
[1,1'-Biphenyl]-4...	19.38	2.3	ng/ul	245833	4	17.36	2154220	20.0
Octadecanoic acid	19.50	2.6	ng/ul	286763	5	21.60	2211140	20.0
(DEL) Alkane: Str...	25.85	2.6	ng/ul	329369	6	24.76	2543870	20.0
(DEL) Alkane: Str...	27.17	2.6	ng/ul	329606	6	24.76	2543870	20.0
(DEL) Alkane: Str...	28.76	2.5	ng/ul	311105	6	24.76	2543870	20.0
(DEL) Alkane: Str...	30.68	2.1	ng/ul	269057	6	24.76	2543870	20.0