

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
 Data File : BG026749.D
 Acq On : 28 Apr 2017 16:27
 Operator : SJ/MA
 Sample : I2816-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHSP5

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	3.236	23	25	35	rVB7	6812	16522	0.38%	0.032%
2	3.318	35	39	41	rBV4	4427	6727	0.15%	0.013%
3	3.430	51	58	66	rBV2	37284	63967	1.45%	0.124%
4	4.182	181	186	196	rVV3	16256	30387	0.69%	0.059%
5	5.034	325	331	332	rBV5	3890	6298	0.14%	0.012%
6	5.104	341	343	350	rBV6	4863	8517	0.19%	0.017%
7	6.221	527	533	537	rBV5	4828	9465	0.21%	0.018%
8	7.190	690	698	715	rBV	630473	1197441	27.20%	2.330%
9	7.331	715	722	735	rVV	598058	967031	21.96%	1.882%
10	7.425	735	738	744	rVB5	6411	10384	0.24%	0.020%
11	7.548	750	759	778	rBV	702423	1198946	27.23%	2.333%
12	8.007	827	837	848	rBV	462508	815470	18.52%	1.587%
13	8.083	848	850	857	rVB7	3505	6927	0.16%	0.013%
14	8.724	952	959	989	rVB	814507	1555423	35.33%	3.027%
15	9.164	1024	1034	1047	rBV	661235	1194508	27.13%	2.325%
16	9.323	1053	1061	1072	rBV10	6773	21283	0.48%	0.041%
17	9.587	1101	1106	1113	rVB3	16894	23138	0.53%	0.045%
18	9.893	1150	1158	1171	rBV	568535	1044056	23.71%	2.032%
19	10.439	1243	1251	1276	rBV	867974	1681168	38.18%	3.272%
20	10.809	1301	1314	1329	rBV	790851	1430422	32.49%	2.784%
21	10.944	1329	1337	1357	rVV	869388	1711742	38.88%	3.331%
22	12.308	1562	1569	1573	rBV7	3830	7110	0.16%	0.014%
23	12.396	1576	1584	1591	rBV4	15491	35590	0.81%	0.069%
24	13.224	1723	1725	1735	rBV6	3249	7014	0.16%	0.014%
25	13.353	1743	1747	1753	rVB3	3852	6373	0.14%	0.012%
26	13.436	1753	1761	1768	rVB8	7811	18226	0.41%	0.035%
27	13.518	1768	1775	1781	rBV7	5014	12615	0.29%	0.025%
28	13.829	1819	1828	1838	rBV	51261	85709	1.95%	0.167%
29	14.023	1854	1861	1865	rBV	1848179	2608432	59.24%	5.076%
30	14.070	1865	1869	1877	rVV	310255	473687	10.76%	0.922%
31	14.135	1877	1880	1890	rVB9	6700	13431	0.31%	0.026%
32	14.217	1890	1894	1898	rBV6	4602	6907	0.16%	0.013%
33	14.317	1901	1911	1924	rBV	2159367	3431571	77.94%	6.678%
34	14.511	1936	1944	1950	rBV	44078	57546	1.31%	0.112%

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35	14.623	1953	1963	1977	rVB2	1208283	2003929	45.51%	3.900%
36	14.840	1993	2000	2015	rBV2	452147	1066004	24.21%	2.075%
37	15.004	2025	2028	2031	rVB5	6748	7763	0.18%	0.015%
38	15.122	2044	2048	2056	rVB6	16269	28226	0.64%	0.055%
39	15.198	2056	2061	2065	rVB6	10733	16118	0.37%	0.031%
40	15.357	2076	2088	2092	rVB10	4470	12777	0.29%	0.025%
41	15.404	2092	2096	2100	rBV	18509	31487	0.72%	0.061%
42	15.457	2100	2105	2111	rVV	92431	121385	2.76%	0.236%
43	15.521	2111	2116	2119	rVV5	7979	14448	0.33%	0.028%
44	15.563	2119	2123	2124	rVV4	5739	8411	0.19%	0.016%
45	15.610	2124	2131	2142	rVB	2832485	4186253	95.08%	8.147%
46	15.727	2144	2151	2162	rBV	736182	1128931	25.64%	2.197%
47	15.850	2165	2172	2178	rBV5	54519	111351	2.53%	0.217%
48	15.897	2178	2180	2185	rVB6	9608	13002	0.30%	0.025%
49	15.950	2185	2189	2193	rVB5	14398	22048	0.50%	0.043%
50	16.003	2193	2198	2206	rBV7	15012	30175	0.69%	0.059%
51	16.074	2206	2210	2214	rBV3	17649	20008	0.45%	0.039%
52	16.168	2220	2226	2228	rBV7	4900	8690	0.20%	0.017%
53	16.268	2237	2243	2245	rBV7	5659	9692	0.22%	0.019%
54	16.309	2245	2250	2261	rBV	102154	188578	4.28%	0.367%
55	16.556	2289	2292	2301	rVB10	7462	16380	0.37%	0.032%
56	16.655	2302	2309	2312	rBV5	15786	24129	0.55%	0.047%
57	16.714	2317	2319	2323	rVB4	10334	10024	0.23%	0.020%
58	16.773	2323	2329	2334	rBV7	10848	18528	0.42%	0.036%
59	16.826	2334	2338	2342	rVB6	9416	13412	0.30%	0.026%
60	16.890	2342	2349	2352	rBV8	8047	16310	0.37%	0.032%
61	17.102	2378	2385	2389	rVV	58644	75754	1.72%	0.147%
62	17.149	2389	2393	2407	rVB5	21469	46372	1.05%	0.090%
63	17.261	2410	2412	2416	rVB5	6306	6709	0.15%	0.013%
64	17.355	2419	2428	2437	rBV	1464060	2148901	48.81%	4.182%
65	17.454	2437	2445	2455	rVB2	2802513	4224481	95.95%	8.221%
66	17.625	2469	2474	2476	rBV6	5146	7475	0.17%	0.015%
67	17.748	2491	2495	2497	rBV5	5150	6533	0.15%	0.013%
68	17.836	2507	2510	2516	rBV4	11484	13427	0.30%	0.026%
69	18.013	2535	2540	2544	rBV7	4457	7505	0.17%	0.015%
70	18.113	2550	2557	2560	rBV8	6219	11764	0.27%	0.023%
71	18.236	2573	2578	2596	rBV2	210199	411471	9.35%	0.801%

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72	18.477	2617	2619	2624	rBV6	4887	7115	0.16%	0.014%
73	18.530	2624	2628	2632	rBV7	5104	8849	0.20%	0.017%
74	18.647	2646	2648	2653	rVB6	6261	6756	0.15%	0.013%
75	18.947	2696	2699	2705	rVB8	4905	7532	0.17%	0.015%
76	19.376	2765	2772	2786	rBV4	45258	118623	2.69%	0.231%
77	19.505	2788	2794	2809	rBV2	110474	245274	5.57%	0.477%
78	19.623	2809	2814	2823	rVB2	34126	74757	1.70%	0.145%
79	19.734	2826	2833	2846	rBV2	3064140	4387072	99.64%	8.538%
80	20.063	2887	2889	2891	rBV2	6820	6119	0.14%	0.012%
81	20.169	2905	2907	2910	rVB4	9092	6873	0.16%	0.013%
82	20.204	2911	2913	2917	rVV5	4719	7011	0.16%	0.014%
83	20.251	2919	2921	2923	rBV3	8037	7410	0.17%	0.014%
84	20.322	2930	2933	2936	rBV5	7373	7952	0.18%	0.015%
85	20.504	2962	2964	2966	rBV3	6684	7769	0.18%	0.015%
86	20.686	2992	2995	2999	rVB6	12481	13121	0.30%	0.026%
87	20.739	2999	3004	3008	rBV6	17686	34497	0.78%	0.067%
88	20.856	3021	3024	3027	rBV5	14931	17724	0.40%	0.034%
89	21.479	3127	3130	3136	rVB4	22660	31343	0.71%	0.061%
90	21.597	3143	3150	3163	rVB	1332309	2195404	49.86%	4.273%
91	22.372	3278	3282	3287	rBV8	23660	32716	0.74%	0.064%
92	22.431	3287	3292	3294	rBV6	17287	28815	0.65%	0.056%
93	23.042	3391	3396	3407	rVB3	54481	113583	2.58%	0.221%
94	23.823	3523	3529	3540	rVB4	75095	168778	3.83%	0.328%
95	24.546	3640	3652	3673	rVB2	1603599	4402846	100.00%	8.568%
96	24.758	3677	3688	3703	rVB2	914602	2492041	56.60%	4.850%
97	25.851	3865	3874	3884	rVB4	94535	261341	5.94%	0.509%
98	27.161	4088	4097	4110	rVB2	93332	322109	7.32%	0.627%
99	28.747	4358	4367	4383	rVB7	70610	284117	6.45%	0.553%
100	30.663	4686	4693	4711	rVB5	55302	234098	5.32%	0.456%

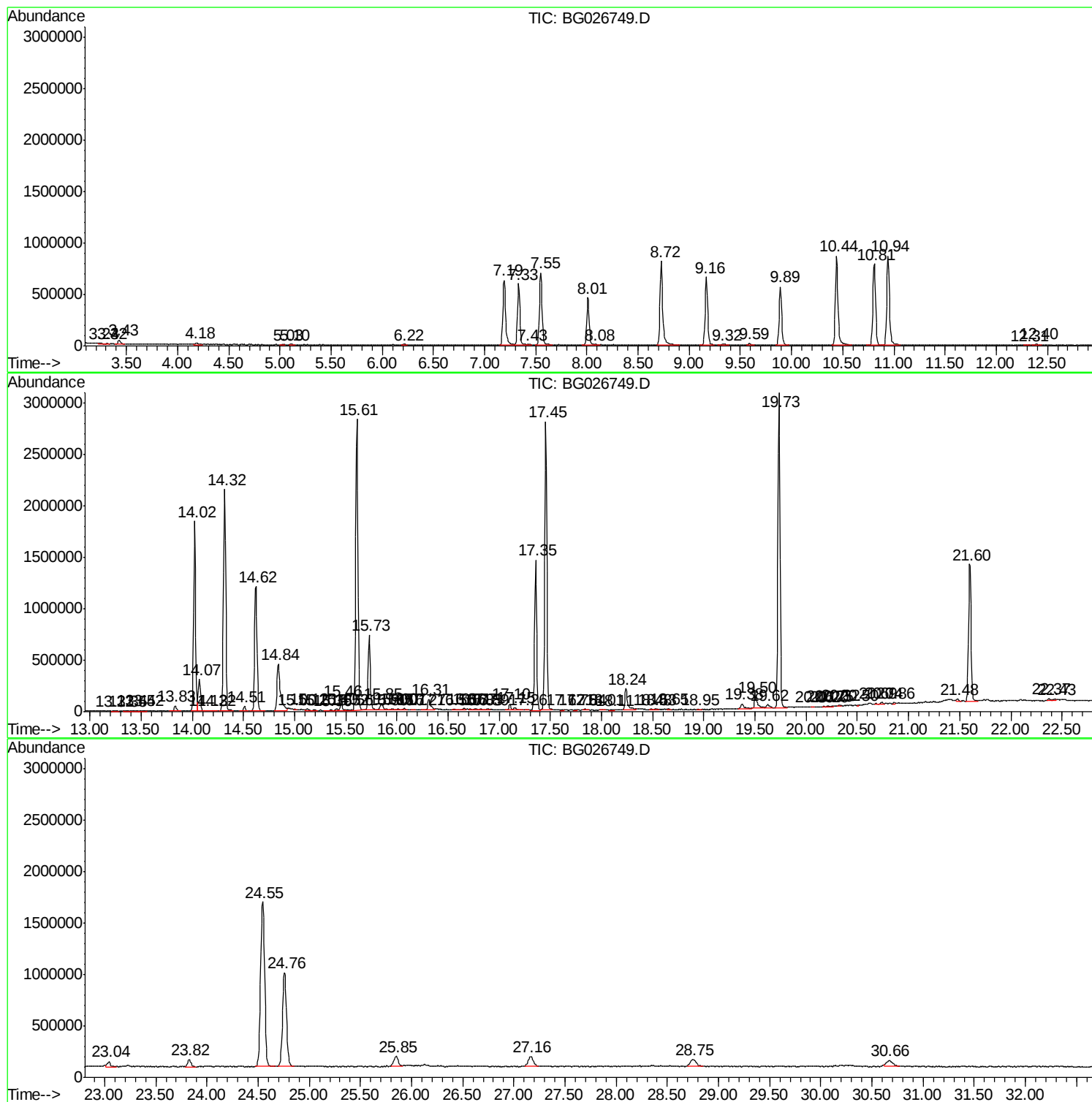
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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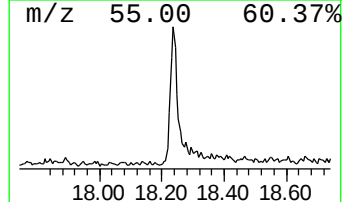
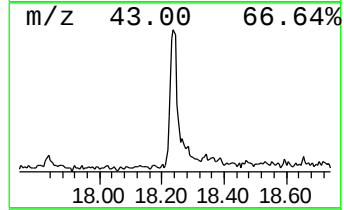
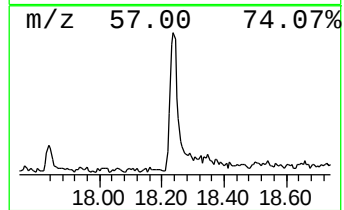
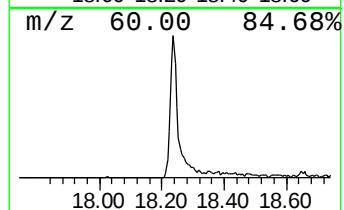
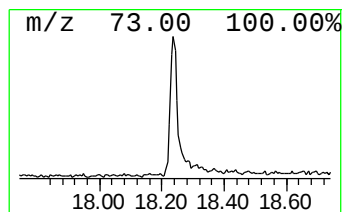
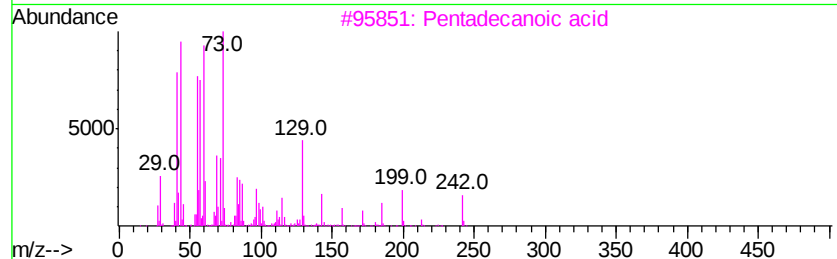
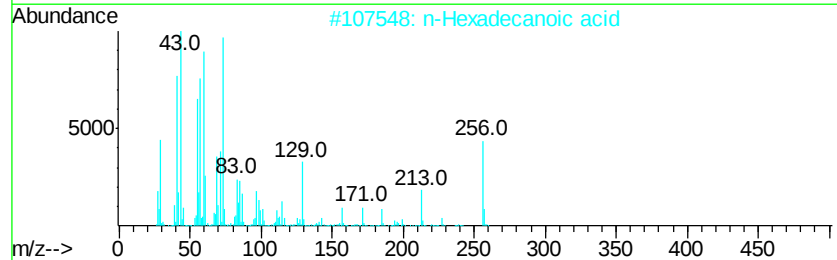
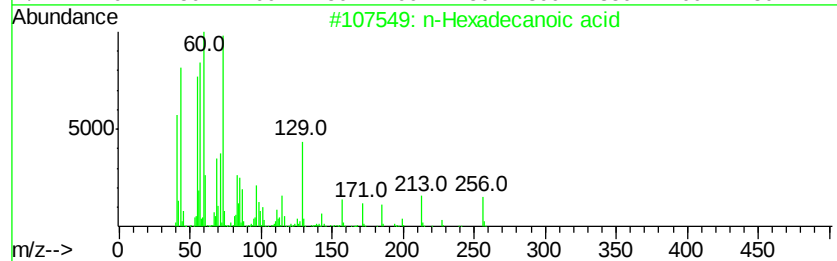
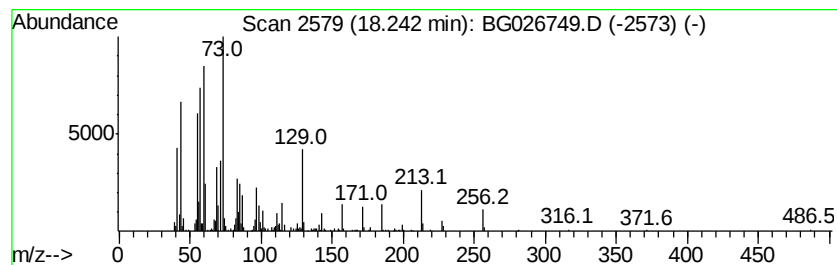
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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	3.83 ng/ul	411471	Phenanthrene-d10	17.35

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	91	



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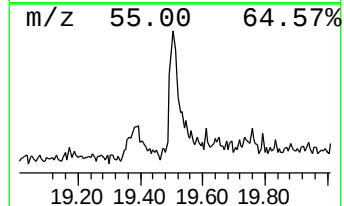
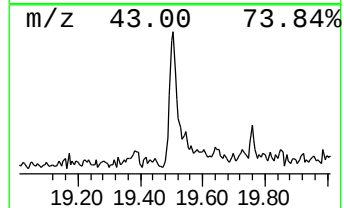
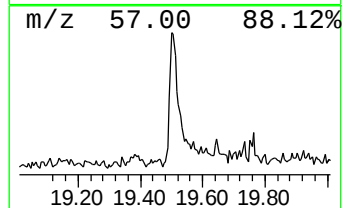
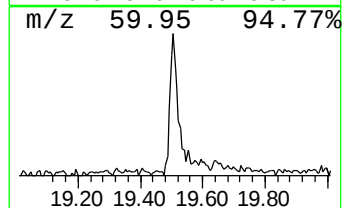
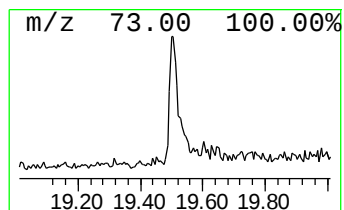
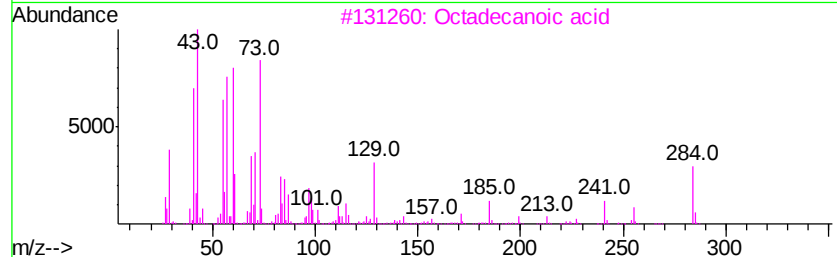
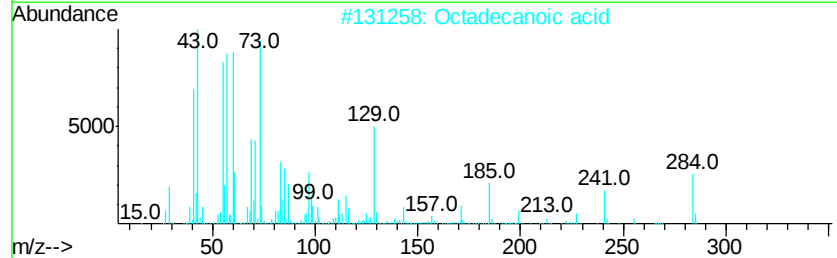
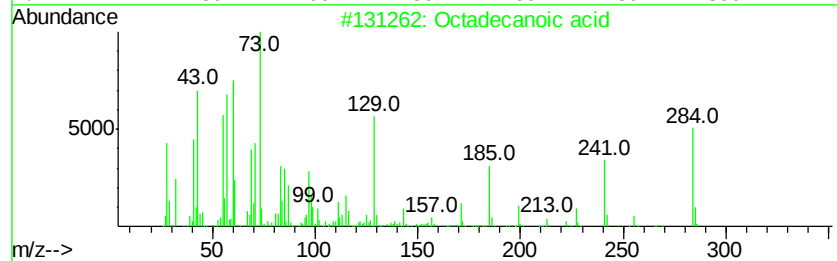
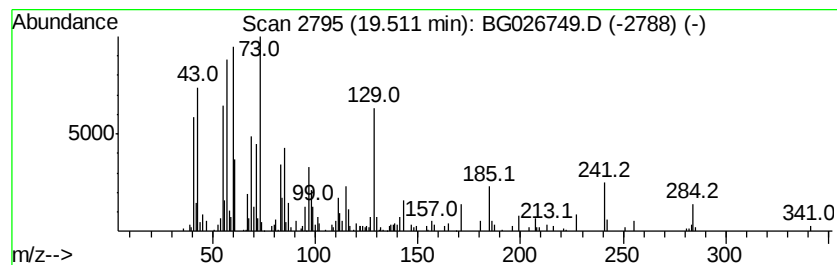
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	2.23 ng/ul	245274	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	94
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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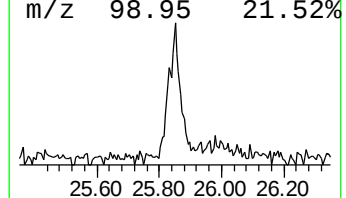
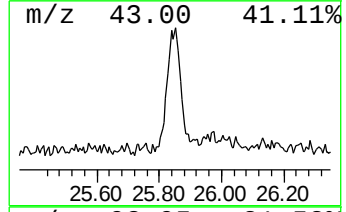
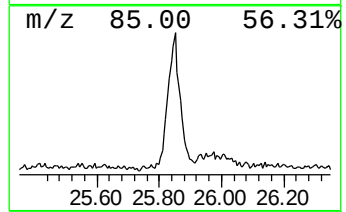
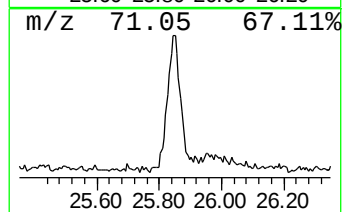
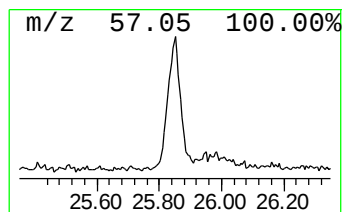
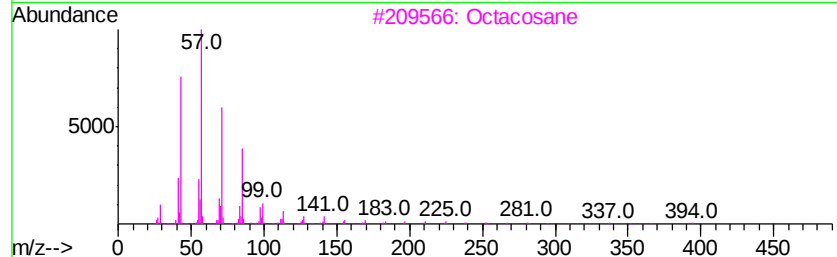
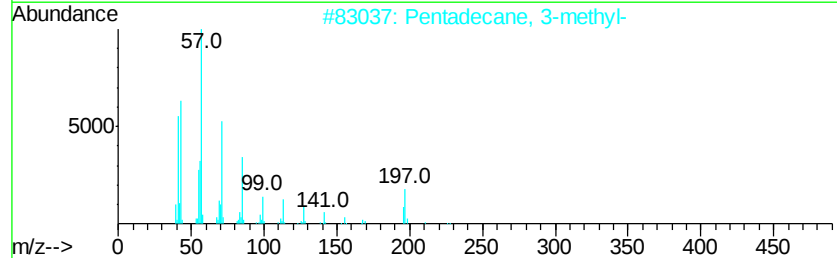
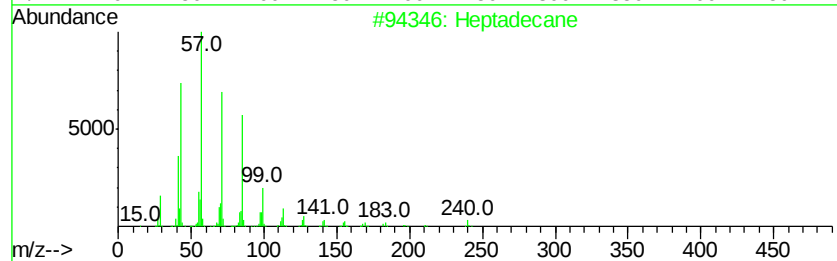
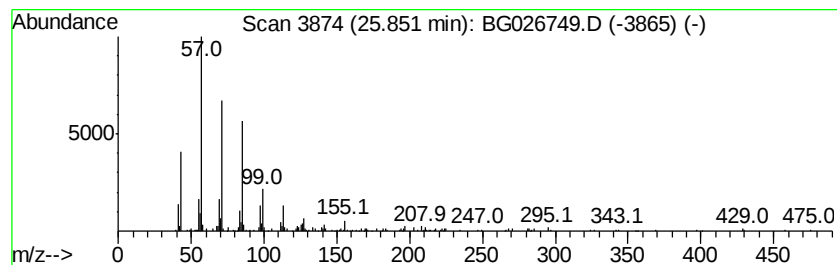
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	2.10 ng/ul	261341	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	78
2		Pentadecane, 3-methyl-	226	C16H34	002882-96-4	72
3		Octacosane	394	C28H58	000630-02-4	72
4		5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	64
5		Heneicosane, 10-methyl-	310	C22H46	013287-25-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026749.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2816-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSP5

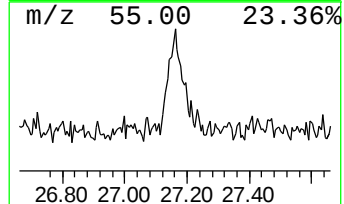
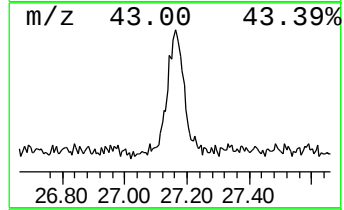
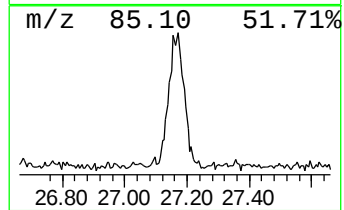
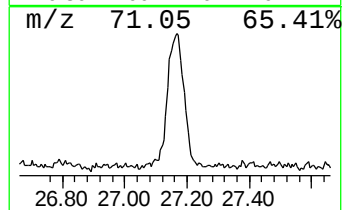
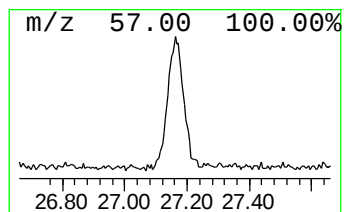
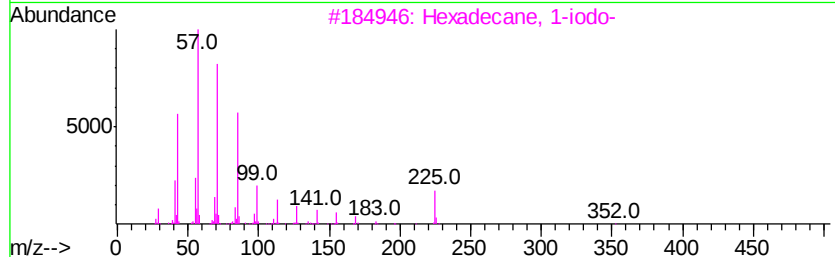
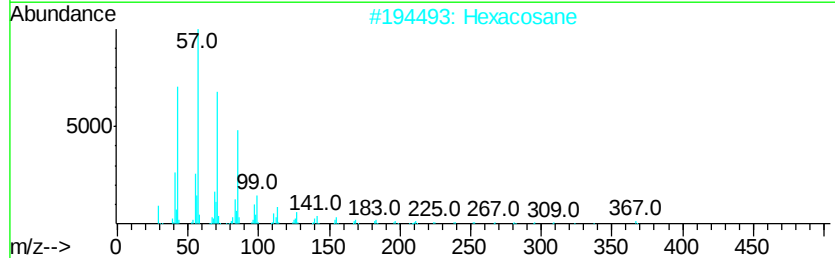
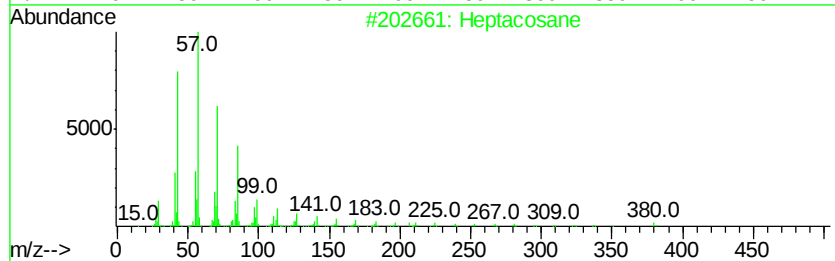
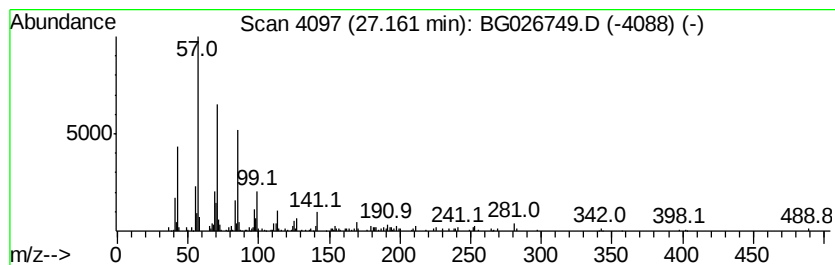
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.59 ng/ul	322109	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hexacosane	366	C26H54	000630-01-3	87
3		Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	87
4		Eicosane	282	C20H42	000112-95-8	86
5		Docosane	310	C22H46	000629-97-0	86



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042817\
Data File : BG026749.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2816-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSP5

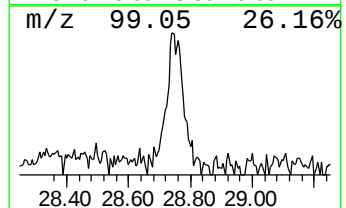
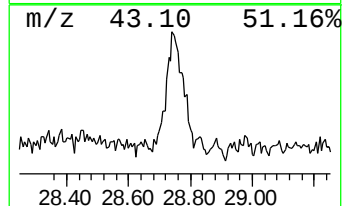
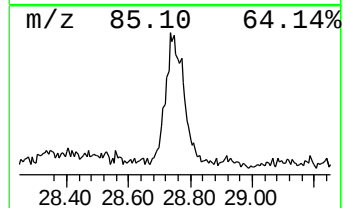
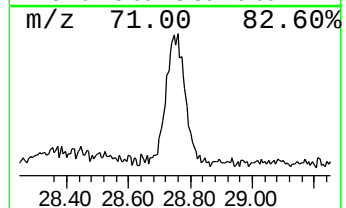
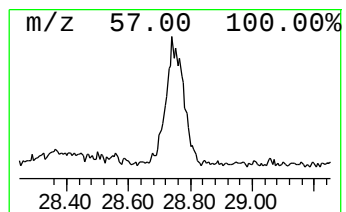
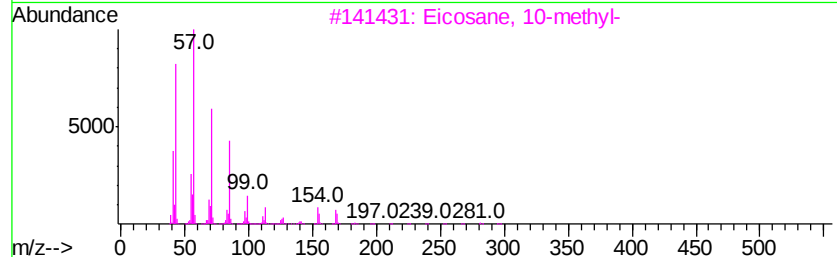
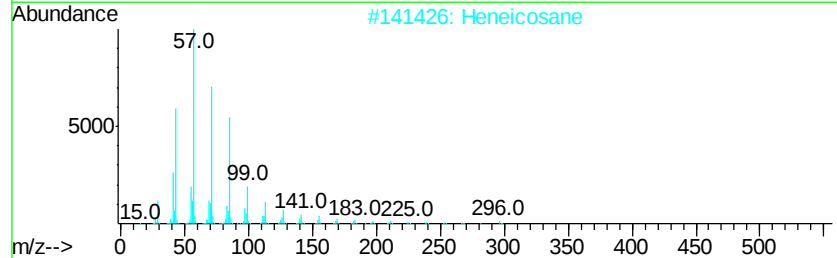
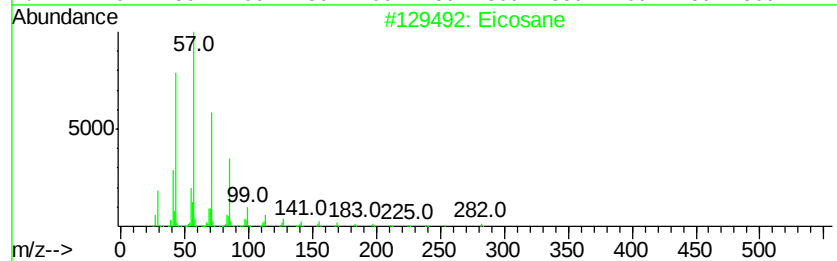
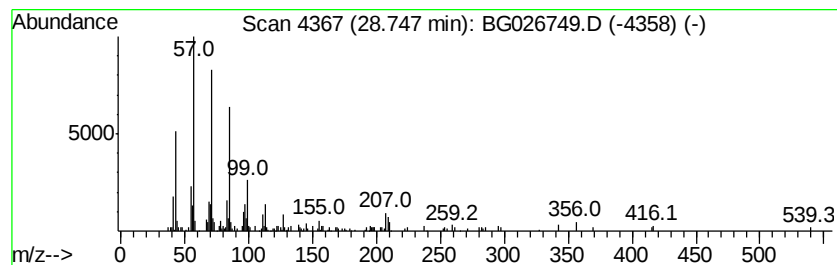
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.
28.75	2.28 ng/ul	284117	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	76
2		Heneicosane	296	C21H44	000629-94-7	74
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4		Tetradecane	198	C14H30	000629-59-4	68
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042817\
Data File : BG026749.D
Acq On : 28 Apr 2017 16:27
Operator : SJ/MA
Sample : I2816-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHSP5

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	3.8	ng/ul	411471	4	17.35	2148900	20.0
Octadecanoic acid	19.51	2.2	ng/ul	245274	5	21.60	2195400	20.0
(DEL) Alkane: Str...	25.85	2.1	ng/ul	261341	6	24.76	2492040	20.0
(DEL) Alkane: Str...	27.16	2.6	ng/ul	322109	6	24.76	2492040	20.0
(DEL) Alkane: Str...	28.75	2.3	ng/ul	284117	6	24.76	2492040	20.0