

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
 Data File : BG026782.D
 Acq On : 30 Apr 2017 20:58
 Operator : SJ/MA
 Sample : I2846-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JHT48

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	49	57	71	rVB	41788	78462	1.61%	0.125%
2	4.182	181	186	198	rVB2	22191	47160	0.96%	0.075%
3	5.111	339	344	352	rVB2	15522	26602	0.54%	0.042%
4	6.210	528	531	539	rVB7	5509	12055	0.25%	0.019%
5	7.061	671	676	682	rBV6	4825	11562	0.24%	0.018%
6	7.185	686	697	714	rBV	773571	1427478	29.20%	2.271%
7	7.332	714	722	732	rVB	681003	1116090	22.83%	1.776%
8	7.543	750	758	772	rBV	797677	1421155	29.07%	2.261%
9	8.007	825	837	848	rBV	578839	997760	20.41%	1.587%
10	8.325	886	891	897	rBV6	4239	10389	0.21%	0.017%
11	8.724	951	959	983	rBV	1074514	2004045	41.00%	3.188%
12	9.165	1026	1034	1053	rVV	788174	1404802	28.74%	2.235%
13	9.323	1056	1061	1071	rBV8	8984	23997	0.49%	0.038%
14	9.582	1102	1105	1114	rBV6	4421	10462	0.21%	0.017%
15	9.888	1148	1157	1168	rBV	684397	1208703	24.73%	1.923%
16	10.434	1243	1250	1272	rBV	1017618	1980961	40.53%	3.152%
17	10.804	1304	1313	1326	rVB	974219	1777151	36.36%	2.827%
18	10.939	1326	1336	1368	rBV	1060803	2031936	41.57%	3.233%
19	12.285	1558	1565	1572	rBV5	6191	13033	0.27%	0.021%
20	12.390	1576	1583	1591	rBV2	22064	40703	0.83%	0.065%
21	13.072	1689	1699	1707	rBV2	7881	23246	0.48%	0.037%
22	13.225	1721	1725	1732	rBV6	10704	19941	0.41%	0.032%
23	13.548	1778	1780	1793	rVV7	14964	41453	0.85%	0.066%
24	14.018	1851	1860	1865	rBV	1920727	2950382	60.36%	4.694%
25	14.065	1865	1868	1878	rVV	687043	991169	20.28%	1.577%
26	14.312	1901	1910	1922	rBV	2412008	3856381	78.90%	6.135%
27	14.506	1937	1943	1947	rBV4	13643	21997	0.45%	0.035%
28	14.617	1953	1962	1971	rBV2	1480482	2392195	48.94%	3.806%
29	14.835	1990	1999	2029	rBV	545263	1318989	26.98%	2.098%
30	15.029	2029	2032	2036	rVV6	7808	9992	0.20%	0.016%
31	15.123	2042	2048	2054	rVV9	8646	18319	0.37%	0.029%
32	15.187	2054	2059	2064	rVB6	8789	16178	0.33%	0.026%
33	15.399	2091	2095	2099	rBV2	11390	18041	0.37%	0.029%
34	15.452	2100	2104	2110	rVB	53131	68451	1.40%	0.109%

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35	15.604	2121	2130	2144	rBV	3055255	4669740	95.54%	7.429%
36	15.728	2144	2151	2165	rVV	907630	1326292	27.13%	2.110%
37	15.845	2165	2171	2177	rVV3	54751	107600	2.20%	0.171%
38	15.898	2177	2180	2184	rVV5	8835	12414	0.25%	0.020%
39	15.957	2184	2190	2193	rVB7	11378	16463	0.34%	0.026%
40	16.004	2194	2198	2204	rVB6	9884	11496	0.24%	0.018%
41	16.074	2204	2210	2215	rBV8	10592	14709	0.30%	0.023%
42	16.168	2221	2226	2232	rBV9	6953	15040	0.31%	0.024%
43	16.309	2246	2250	2262	rBV	85074	155525	3.18%	0.247%
44	16.492	2275	2281	2285	rVB8	8237	13810	0.28%	0.022%
45	16.568	2288	2294	2300	rVB10	7449	15277	0.31%	0.024%
46	16.656	2303	2309	2312	rBV6	14454	29623	0.61%	0.047%
47	16.762	2321	2327	2333	rVB9	12546	26435	0.54%	0.042%
48	16.821	2333	2337	2343	rVB9	9459	16408	0.34%	0.026%
49	16.885	2343	2348	2350	rBV6	6194	9870	0.20%	0.016%
50	17.103	2379	2385	2388	rBV	49477	62766	1.28%	0.100%
51	17.150	2388	2393	2405	rVB5	24311	46113	0.94%	0.073%
52	17.261	2407	2412	2417	rVB9	6164	9746	0.20%	0.016%
53	17.355	2418	2428	2437	rBV	1674469	2532481	51.81%	4.029%
54	17.455	2437	2445	2453	rBV2	2944181	4637833	94.88%	7.379%
55	17.620	2470	2473	2483	rVB7	9075	17860	0.37%	0.028%
56	17.743	2487	2494	2502	rVB7	7275	19279	0.39%	0.031%
57	17.837	2506	2510	2515	rBV3	16797	22941	0.47%	0.036%
58	18.113	2553	2557	2562	rBV8	7488	14589	0.30%	0.023%
59	18.237	2572	2578	2588	rBV	319134	558965	11.44%	0.889%
60	18.530	2624	2628	2633	rVB7	7336	13840	0.28%	0.022%
61	18.624	2635	2644	2653	rVB10	31909	63929	1.31%	0.102%
62	18.818	2674	2677	2684	rBV9	7369	13367	0.27%	0.021%
63	18.959	2695	2701	2708	rVB	224545	288761	5.91%	0.459%
64	19.089	2718	2723	2729	rBV9	21055	42219	0.86%	0.067%
65	19.147	2729	2733	2739	rVV6	11807	17784	0.36%	0.028%
66	19.306	2756	2760	2765	rVB8	8045	15063	0.31%	0.024%
67	19.371	2765	2771	2780	rBV	55259	132280	2.71%	0.210%
68	19.447	2780	2784	2789	rVV	154271	203720	4.17%	0.324%
69	19.500	2789	2793	2809	rVV2	242840	425556	8.71%	0.677%
70	19.623	2809	2814	2824	rVB2	34781	79300	1.62%	0.126%
71	19.735	2824	2833	2844	rBV	3242820	4866426	99.56%	7.742%

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72	19.993	2875	2877	2888	rVB	9282	26185	0.54%	0.042%
73	20.170	2902	2907	2913	rBV	457510	568007	11.62%	0.904%
74	20.252	2917	2921	2927	rVB6	18354	29856	0.61%	0.047%
75	20.328	2928	2934	2936	rBV7	11332	18397	0.38%	0.029%
76	20.387	2939	2944	2947	rBV7	20374	29943	0.61%	0.048%
77	20.569	2971	2975	2980	rBV8	14196	31652	0.65%	0.050%
78	20.693	2990	2996	2999	rVB5	22722	41529	0.85%	0.066%
79	20.734	3001	3003	3008	rVB5	14758	18689	0.38%	0.030%
80	20.857	3021	3024	3027	rBV5	9154	9888	0.20%	0.016%
81	21.133	3068	3071	3072	rBV2	13826	12452	0.25%	0.020%
82	21.239	3087	3089	3095	rVB7	21897	26575	0.54%	0.042%
83	21.386	3100	3114	3126	rBV7	103107	631528	12.92%	1.005%
84	21.597	3143	3150	3167	rBV	1765679	2886805	59.06%	4.593%
85	21.738	3169	3174	3183	rVB	141487	220523	4.51%	0.351%
86	21.991	3214	3217	3225	rBV9	24434	38380	0.79%	0.061%
87	22.367	3276	3281	3286	rBV2	54086	89392	1.83%	0.142%
88	22.426	3289	3291	3297	rVB7	19478	24672	0.50%	0.039%
89	22.602	3310	3321	3329	rBV7	60746	251744	5.15%	0.401%
90	22.849	3356	3363	3381	rBV2	194699	551601	11.28%	0.878%
91	23.002	3383	3389	3394	rBV2	113585	210074	4.30%	0.334%
92	23.231	3422	3428	3436	rVB2	62406	110639	2.26%	0.176%
93	23.824	3522	3529	3536	rVB3	105648	233369	4.77%	0.371%
94	24.541	3640	3651	3671	rBV2	1850094	4887938	100.00%	7.777%
95	24.758	3676	3688	3705	rVB2	1053207	2970416	60.77%	4.726%
96	25.845	3864	3873	3884	rBV2	107167	282982	5.79%	0.450%
97	27.156	4088	4096	4107	rBV5	80778	265038	5.42%	0.422%
98	28.748	4357	4367	4381	rVB4	68853	266997	5.46%	0.425%
99	30.663	4685	4693	4705	rVB6	45730	190057	3.89%	0.302%
100	31.762	4877	4880	4882	rBV4	9999	12927	0.26%	0.021%

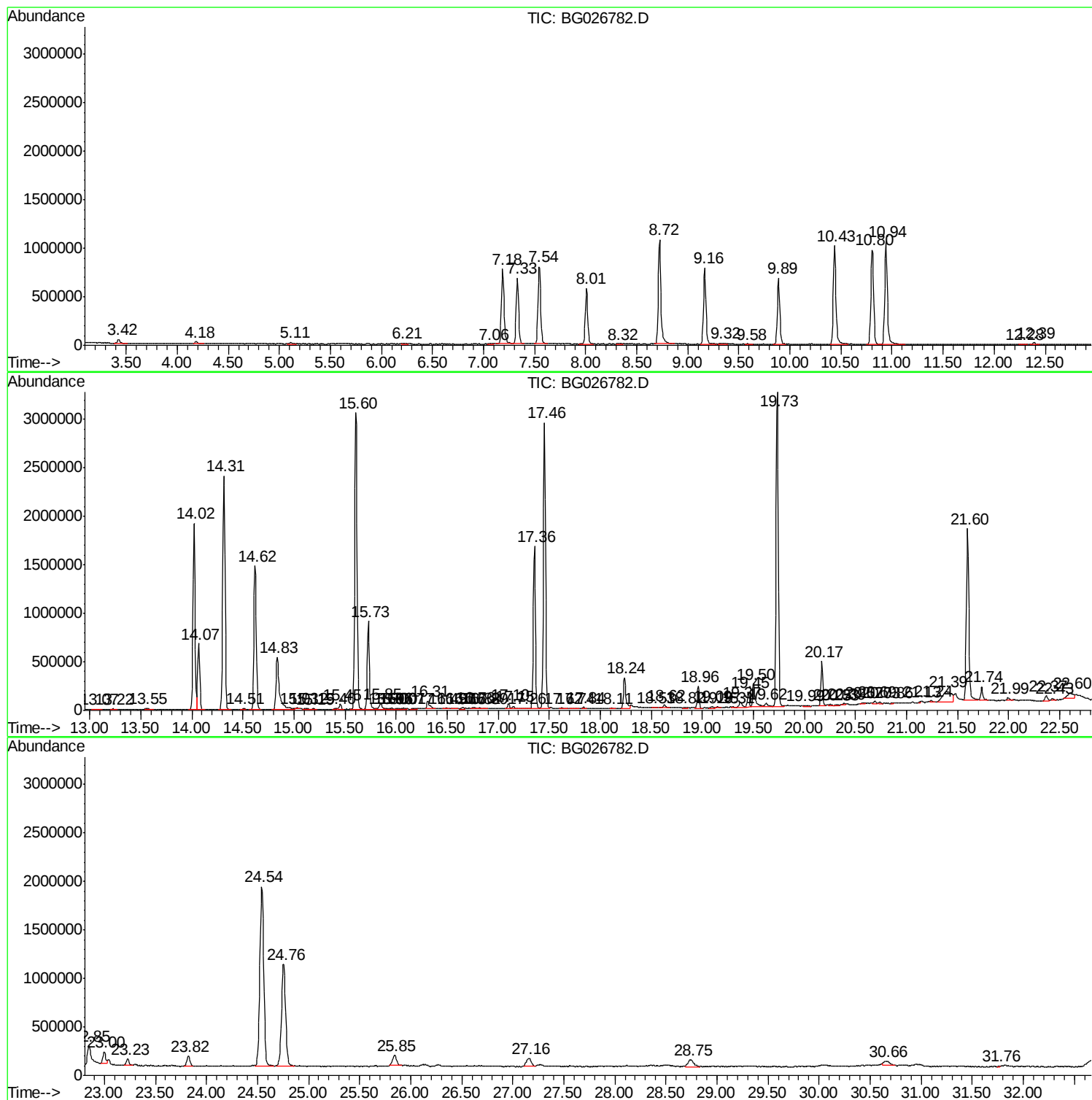
Sum of corrected areas: 62855015

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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



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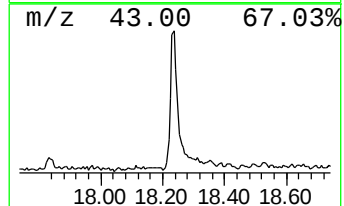
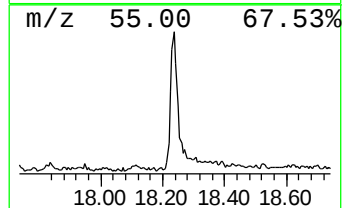
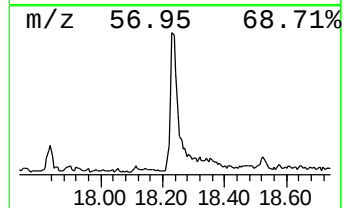
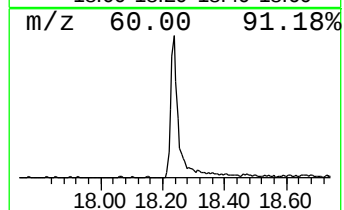
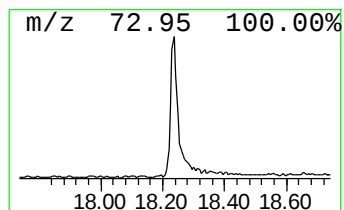
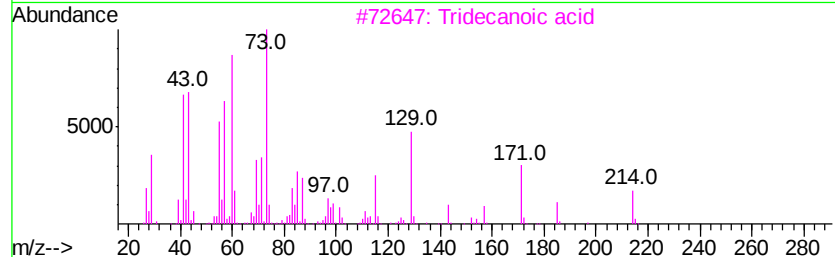
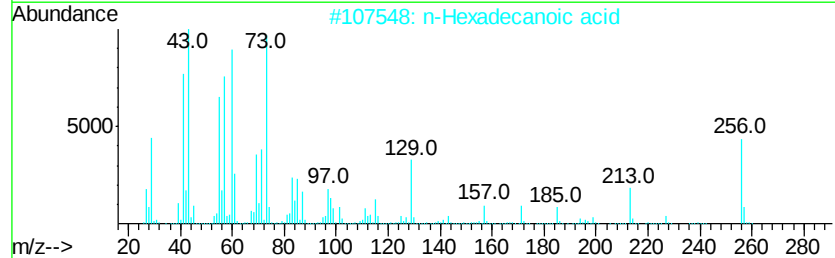
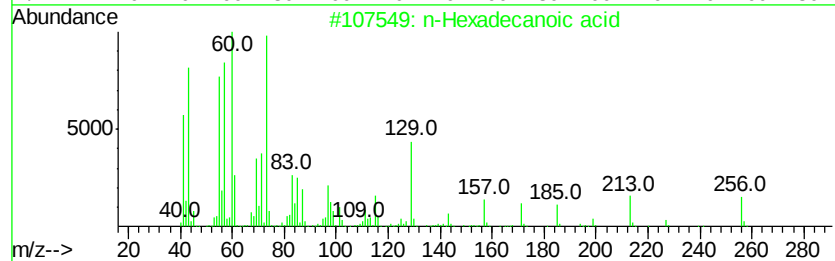
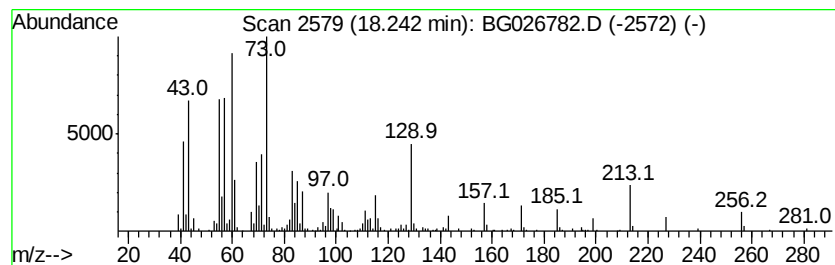
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.24	4.41 ng/ul	558965	Phenanthrene-d10	17.36		
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	98	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	



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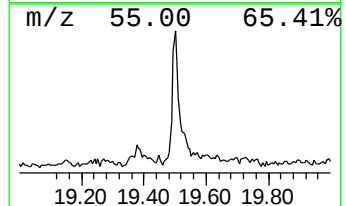
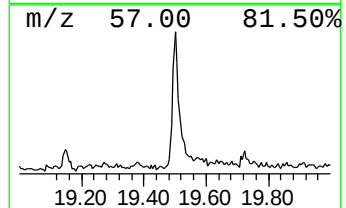
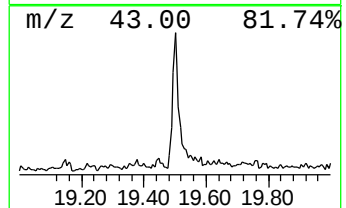
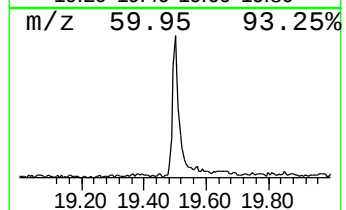
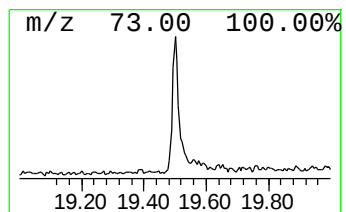
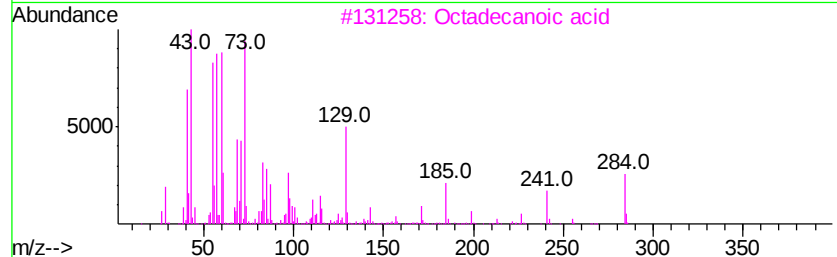
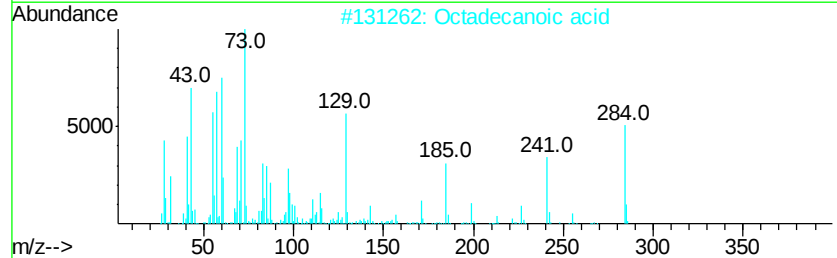
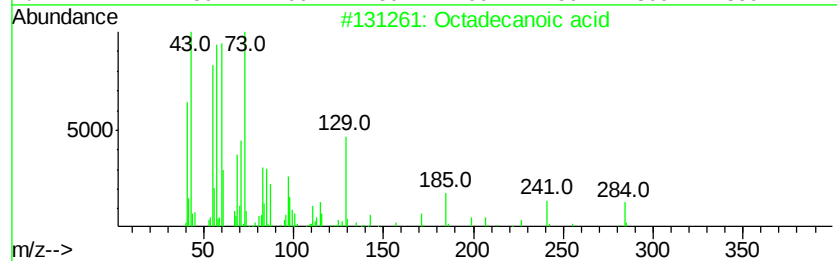
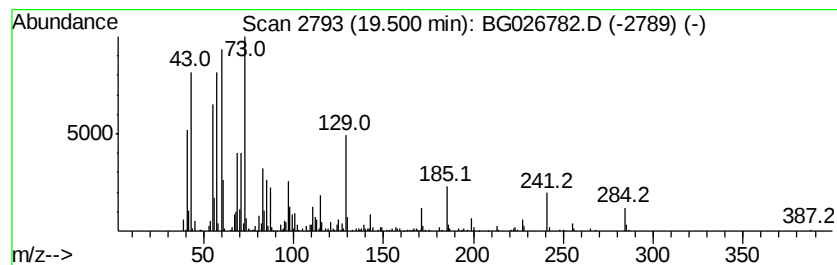
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.95 ng/ul	425556	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
3	Octadecanoic acid	284	C18H36O2	000057-11-4	99	
4	Octadecanoic acid	284	C18H36O2	000057-11-4	98	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93	



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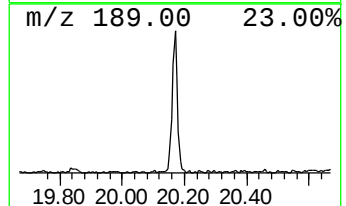
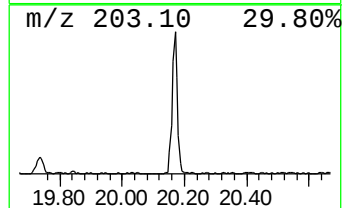
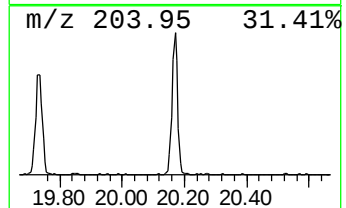
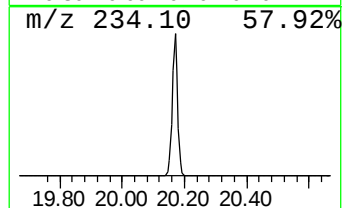
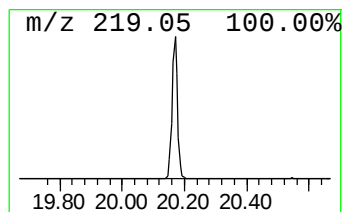
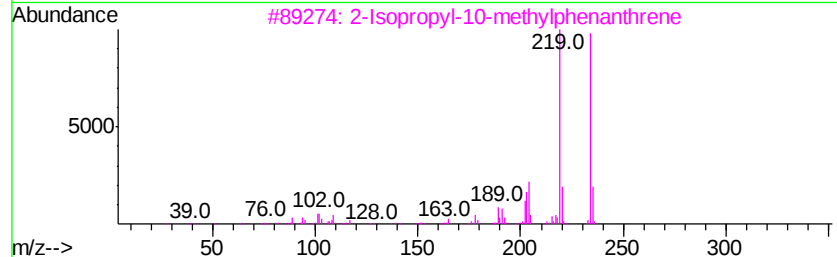
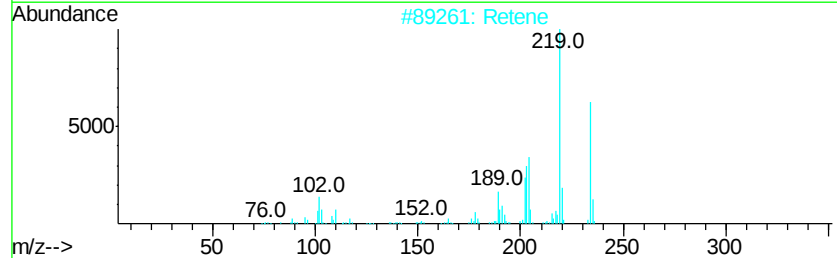
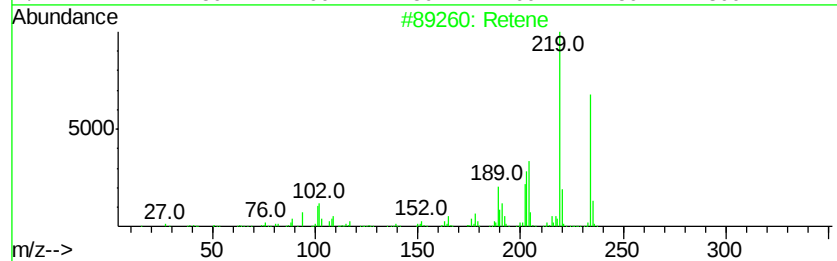
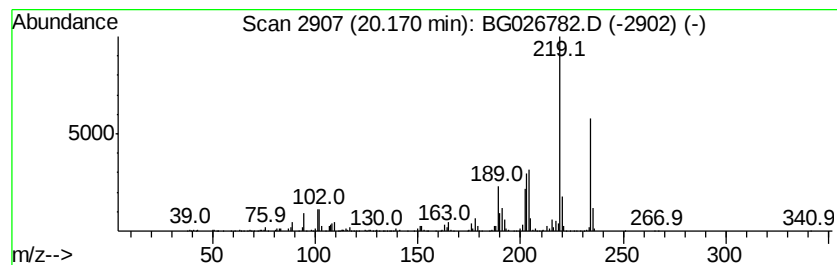
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Peak Number 4 Retene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.17	3.94 ng/ul	568007	Chrysene-d12	21.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Retene	234	C18H18	000483-65-8	99
2		Retene	234	C18H18	000483-65-8	99
3		2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
4		Retene	234	C18H18	000483-65-8	94
5		Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	89



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026782.D
Acq On : 30 Apr 2017 20:58
Operator : SJ/MA
Sample : I2846-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

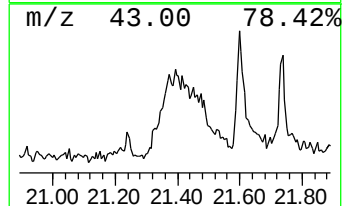
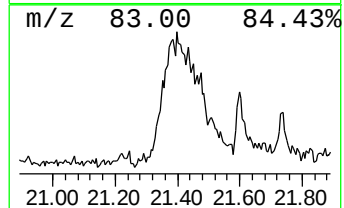
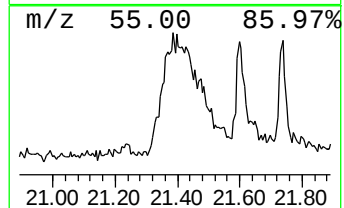
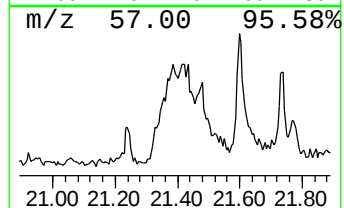
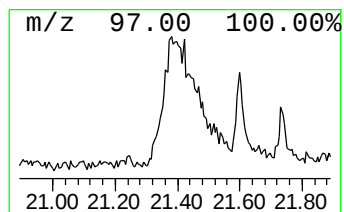
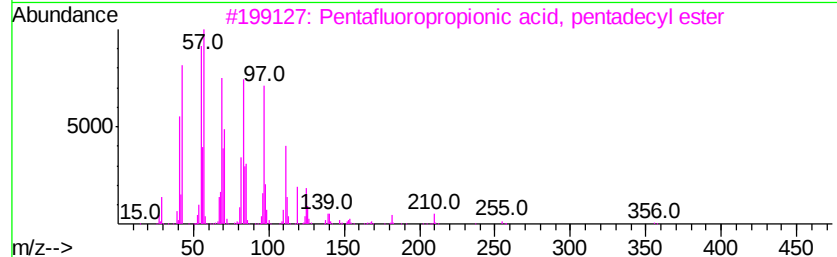
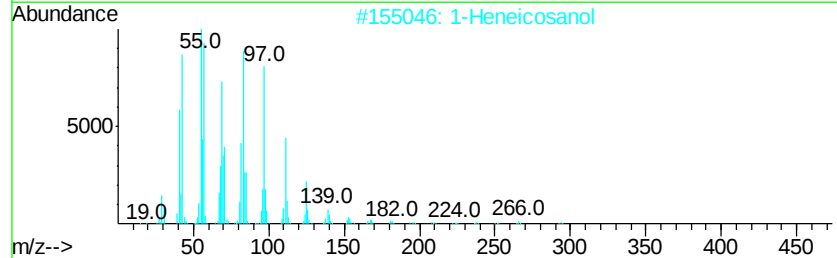
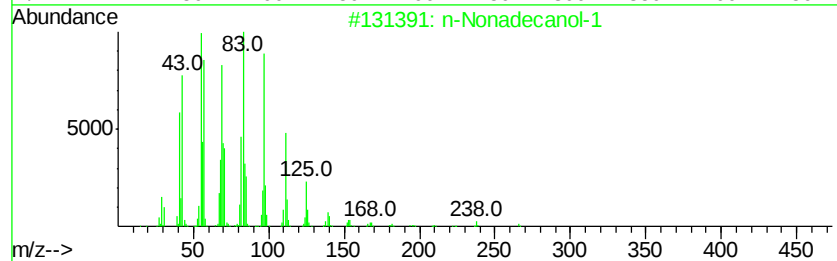
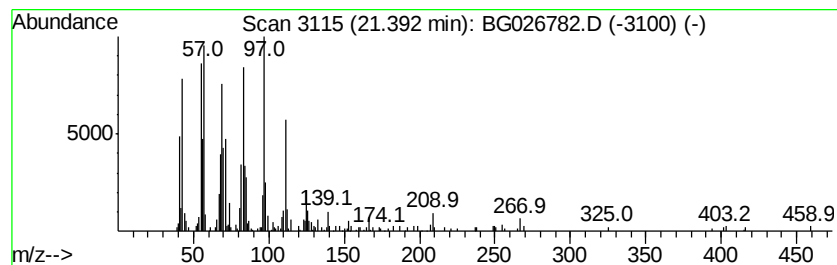
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Nonadecanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.38 ng/ul	631528	Chrysene-d12	21.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	n-Nonadecanol-1	284 C19H40O	001454-84-8	95
2	1-Heneicosanol	312 C21H44O	015594-90-8	94
3	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
4	Behenic alcohol	326 C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354 C24H50O	000506-51-4	91



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Sample : I2846-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT48

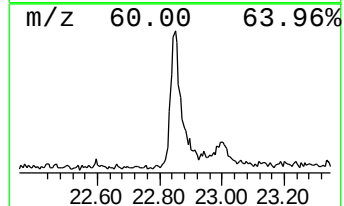
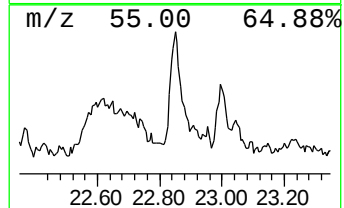
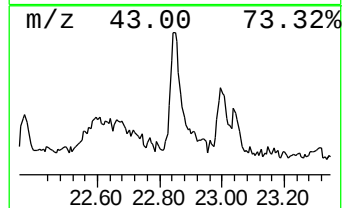
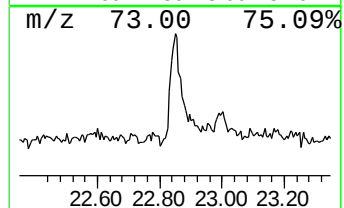
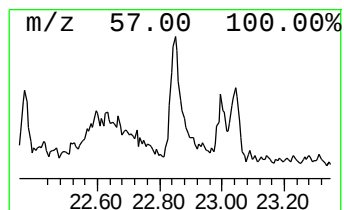
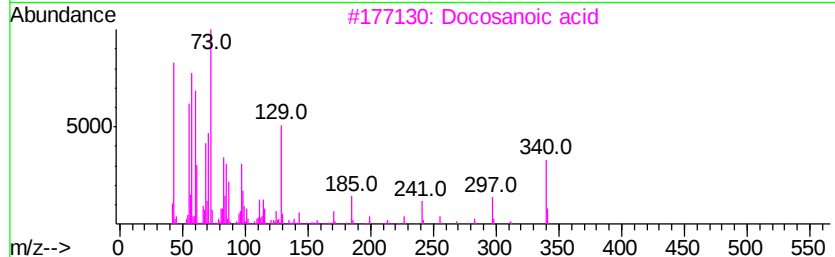
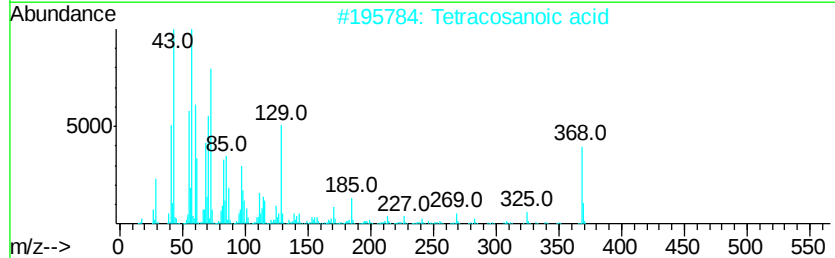
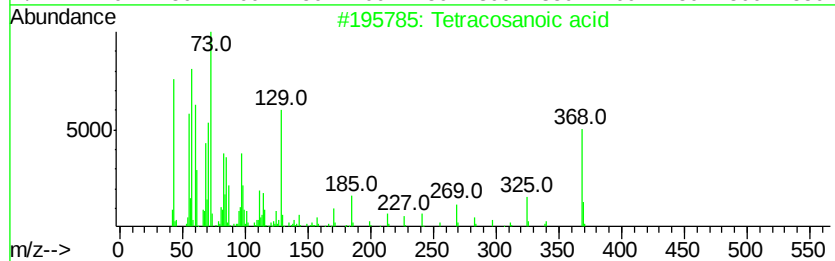
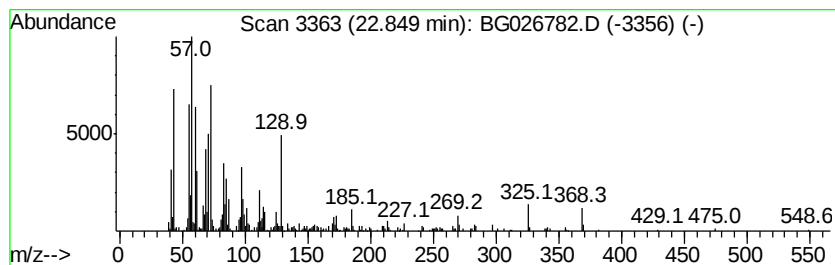
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Tetracosanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	3.82 ng/ul	551601	Chrysene-d12	21.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosanoic acid	368	C24H48O2	000557-59-5	99
2		Tetracosanoic acid	368	C24H48O2	000557-59-5	99
3		Docosanoic acid	340	C22H44O2	000112-85-6	64
4		n-Decanoic acid	172	C10H20O2	000334-48-5	49
5		Octadecanoic acid	284	C18H36O2	000057-11-4	47



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Sample : I2846-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHT48

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	4.4	ng/ul	558965	4	17.36	2532480	20.0
4b,8-Dimethyl-2-i...	18.96	2.3	ng/ul	288761	4	17.36	2532480	20.0
Octadecanoic acid	19.50	3.0	ng/ul	425556	5	21.60	2886810	20.0
Retene	20.17	3.9	ng/ul	568007	5	21.60	2886810	20.0
n-Nonadecanol-1	21.39	4.4	ng/ul	631528	5	21.60	2886810	20.0
Tetracosanoic acid	22.85	3.8	ng/ul	551601	5	21.60	2886810	20.0