

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050317\
 Data File : BG026854.D
 Acq On : 3 May 2017 16:46
 Operator : SJ/MA
 Sample : I2871-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 YAB19

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	3.323	36	40	45	rVB6	4080	7717	0.18%	0.014%
2	3.422	52	57	69	rVB	46912	79855	1.84%	0.147%
3	3.722	103	108	113	rVB8	4379	9633	0.22%	0.018%
4	6.213	520	532	539	rVB10	6258	15401	0.36%	0.028%
5	7.095	671	682	689	rBV10	6047	20947	0.48%	0.039%
6	7.183	689	697	714	rVV	720425	1363866	31.46%	2.514%
7	7.330	714	722	734	rVV	664637	1085898	25.05%	2.002%
8	7.424	734	738	743	rVB5	5737	10728	0.25%	0.020%
9	7.547	749	759	771	rBV	765368	1355243	31.26%	2.498%
10	8.005	828	837	852	rBV	540394	941332	21.71%	1.735%
11	8.329	889	892	901	rBV8	3519	11388	0.26%	0.021%
12	8.722	951	959	984	rBV	936653	1813839	41.84%	3.344%
13	9.163	1026	1034	1051	rVV	720758	1314021	30.31%	2.422%
14	9.321	1054	1061	1072	rBV5	19424	53563	1.24%	0.099%
15	9.580	1101	1105	1111	rVB2	11212	16547	0.38%	0.031%
16	9.886	1148	1157	1169	rBV	604680	1114408	25.70%	2.054%
17	10.438	1242	1251	1271	rBV	933213	1793823	41.38%	3.307%
18	10.808	1301	1314	1326	rVB	921291	1636983	37.76%	3.018%
19	10.937	1326	1336	1358	rBV	943437	1806483	41.67%	3.330%
20	11.654	1451	1458	1460	rBV4	4196	9197	0.21%	0.017%
21	12.294	1561	1567	1573	rVB7	4813	9139	0.21%	0.017%
22	12.388	1578	1583	1593	rBV3	17381	34707	0.80%	0.064%
23	13.223	1722	1725	1732	rBV6	5959	10372	0.24%	0.019%
24	13.440	1752	1762	1766	rBV5	7476	11448	0.26%	0.021%
25	13.511	1771	1774	1781	rBV7	4168	7833	0.18%	0.014%
26	13.605	1782	1790	1795	rVB4	5163	10506	0.24%	0.019%
27	14.022	1852	1861	1865	rBV	1761987	2589618	59.73%	4.774%
28	14.063	1865	1868	1877	rVB	540018	786367	18.14%	1.450%
29	14.139	1877	1881	1888	rVB6	5057	10429	0.24%	0.019%
30	14.316	1897	1911	1921	rBV	2193503	3485869	80.40%	6.426%
31	14.504	1938	1943	1948	rBV	39811	52934	1.22%	0.098%
32	14.621	1952	1963	1974	rVV2	1394124	2227775	51.38%	4.107%
33	14.839	1991	2000	2026	rBV	409340	1103796	25.46%	2.035%
34	15.056	2034	2037	2042	rVB6	9813	14327	0.33%	0.026%

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35	15.121	2042	2048	2055	rVB5	15353	28224	0.65%	0.052%
36	15.191	2055	2060	2066	rVB8	10586	15544	0.36%	0.029%
37	15.403	2091	2096	2100	rBV	25453	41837	0.96%	0.077%
38	15.455	2100	2105	2110	rVV	84972	111864	2.58%	0.206%
39	15.514	2110	2115	2119	rVV7	7961	11908	0.27%	0.022%
40	15.608	2119	2131	2142	rVV	2621391	4061733	93.69%	7.488%
41	15.732	2142	2152	2166	rBV	633697	1019084	23.51%	1.879%
42	15.849	2166	2172	2178	rVV4	54308	111586	2.57%	0.206%
43	15.949	2187	2189	2194	rVB5	14737	18520	0.43%	0.034%
44	16.002	2194	2198	2204	rBV6	14077	21352	0.49%	0.039%
45	16.072	2206	2210	2214	rBV4	14049	17581	0.41%	0.032%
46	16.184	2222	2229	2233	rBV9	3984	9146	0.21%	0.017%
47	16.307	2246	2250	2261	rBV	106683	201075	4.64%	0.371%
48	16.484	2277	2280	2284	rVB6	7698	10863	0.25%	0.020%
49	16.560	2286	2293	2295	rBV7	5524	10902	0.25%	0.020%
50	16.654	2302	2309	2316	rBV8	17334	44408	1.02%	0.082%
51	16.713	2316	2319	2323	rVB5	11358	12700	0.29%	0.023%
52	16.766	2325	2328	2333	rVB7	12170	16699	0.39%	0.031%
53	16.813	2333	2336	2342	rBV5	11318	18034	0.42%	0.033%
54	16.883	2345	2348	2351	rBV4	8680	9213	0.21%	0.017%
55	17.101	2380	2385	2390	rBV	76088	97320	2.24%	0.179%
56	17.153	2390	2394	2406	rVB3	32862	65096	1.50%	0.120%
57	17.259	2406	2412	2417	rVB8	8799	17744	0.41%	0.033%
58	17.353	2417	2428	2436	rBV2	1544146	2372160	54.71%	4.373%
59	17.453	2438	2445	2462	rVB2	2729822	4106594	94.72%	7.571%
60	17.571	2462	2465	2471	rVB7	7823	12572	0.29%	0.023%
61	17.629	2471	2475	2483	rBV8	8968	17052	0.39%	0.031%
62	17.759	2490	2497	2501	rBV7	7600	15666	0.36%	0.029%
63	17.835	2505	2510	2515	rBV	42949	57066	1.32%	0.105%
64	17.941	2523	2528	2534	rVB	13865	20798	0.48%	0.038%
65	18.005	2536	2539	2543	rVB6	9363	12072	0.28%	0.022%
66	18.117	2553	2558	2562	rBV6	9099	15885	0.37%	0.029%
67	18.235	2572	2578	2588	rBV	202123	356341	8.22%	0.657%
68	18.522	2623	2627	2634	rBV3	25056	34495	0.80%	0.064%
69	18.611	2638	2642	2644	rVB5	5669	7659	0.18%	0.014%
70	18.898	2687	2691	2696	rVB7	4973	9431	0.22%	0.017%
71	19.151	2731	2734	2738	rBV5	9688	10471	0.24%	0.019%

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72	19.298	2753	2759	2763	rBV8	5666	11279	0.26%	0.021%
73	19.374	2767	2772	2780	rBV2	35561	71441	1.65%	0.132%
74	19.504	2789	2794	2805	rBV6	52836	120926	2.79%	0.223%
75	19.627	2810	2815	2824	rVB2	27152	56613	1.31%	0.104%
76	19.733	2825	2833	2847	rVV	2960445	4263036	98.33%	7.859%
77	20.179	2906	2909	2910	rBV3	8234	8239	0.19%	0.015%
78	20.256	2919	2922	2925	rBV5	8007	9931	0.23%	0.018%
79	20.314	2928	2932	2935	rBV5	10076	17067	0.39%	0.031%
80	20.385	2942	2944	2949	rBV6	8559	16328	0.38%	0.030%
81	20.608	2980	2982	2990	rVB8	15434	28996	0.67%	0.053%
82	20.738	3001	3004	3008	rBV3	27986	36156	0.83%	0.067%
83	20.773	3008	3010	3015	rVB6	13580	14259	0.33%	0.026%
84	20.820	3015	3018	3022	rBV3	14891	23150	0.53%	0.043%
85	21.237	3086	3089	3094	rBV4	23508	23419	0.54%	0.043%
86	21.419	3108	3120	3127	rBV4	44099	211926	4.89%	0.391%
87	21.601	3144	3151	3163	rVB	1490930	2413209	55.66%	4.449%
88	21.736	3170	3174	3177	rBV6	19363	29889	0.69%	0.055%
89	21.772	3177	3180	3185	rVB4	32488	50514	1.17%	0.093%
90	22.371	3276	3282	3287	rBV4	47243	98795	2.28%	0.182%
91	22.418	3287	3290	3297	rVV9	19330	44649	1.03%	0.082%
92	23.041	3389	3396	3403	rVB5	67821	148122	3.42%	0.273%
93	23.229	3423	3428	3436	rVB	50208	104678	2.41%	0.193%
94	23.822	3523	3529	3540	rVB2	80101	174194	4.02%	0.321%
95	24.551	3641	3653	3673	rBV2	1509371	4335509	100.00%	7.993%
96	24.762	3677	3689	3706	rBV2	956997	2803025	64.65%	5.167%
97	25.843	3865	3873	3884	rBV4	106208	315963	7.29%	0.582%
98	27.159	4088	4097	4110	rVB2	102285	345435	7.97%	0.637%
99	28.746	4356	4367	4378	rVB6	76062	316172	7.29%	0.583%
100	30.661	4682	4693	4711	rVB6	62946	314311	7.25%	0.579%

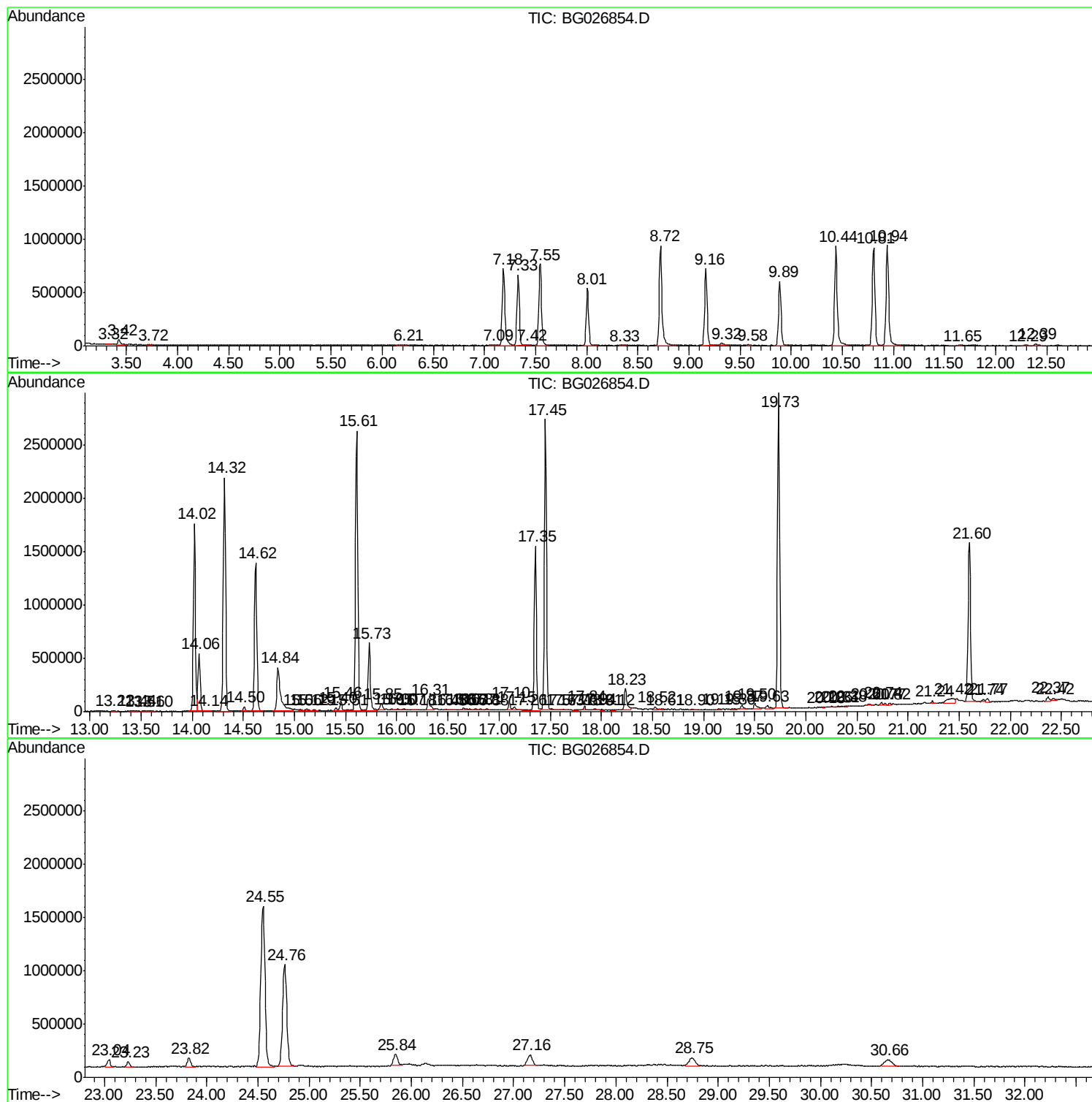
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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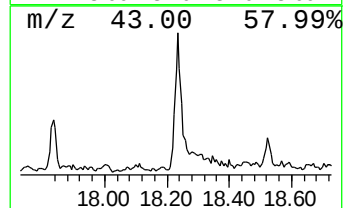
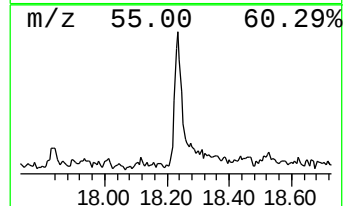
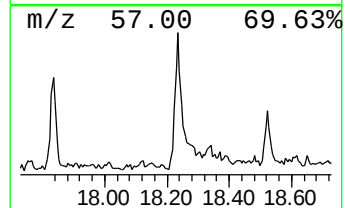
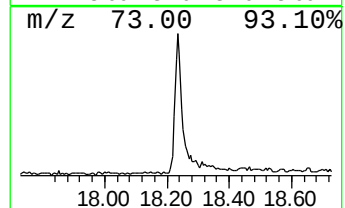
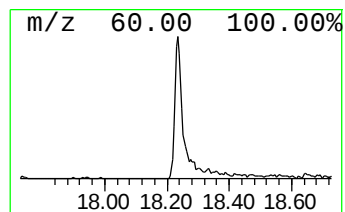
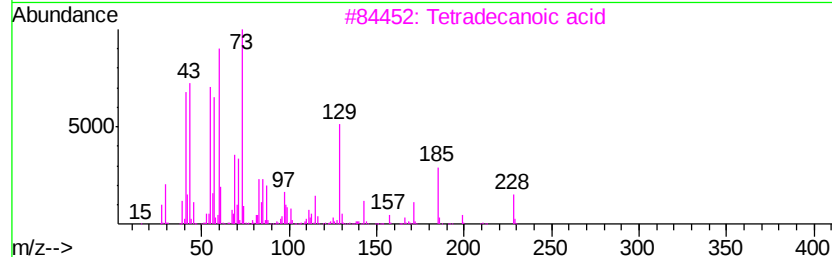
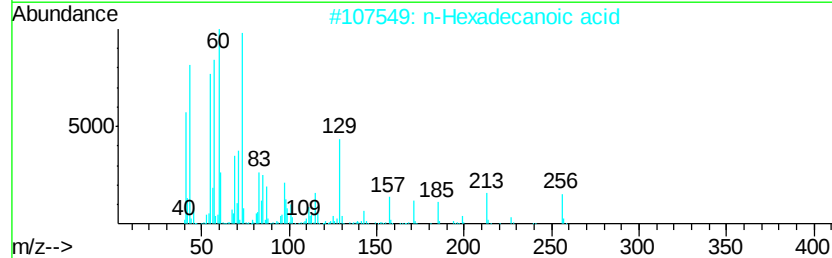
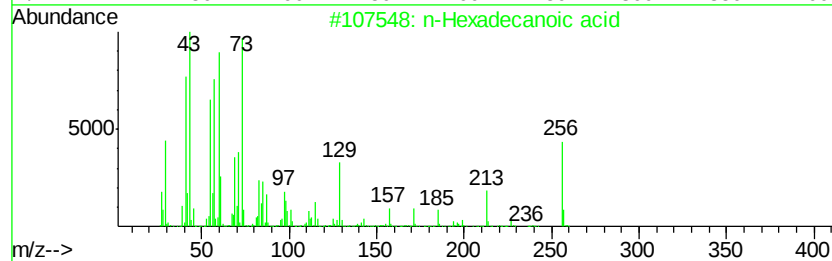
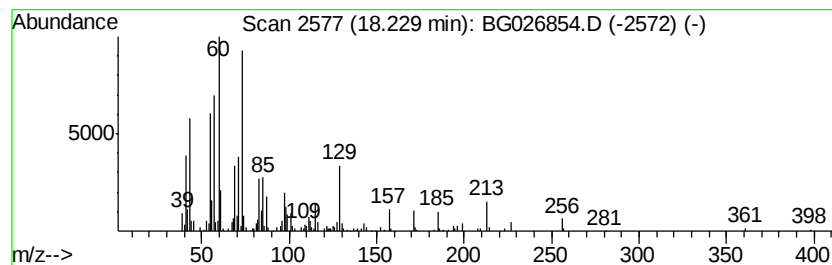
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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.		
18.23	3.00 ng/ul	356341	Phenanthrene-d10	17.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89	
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81	



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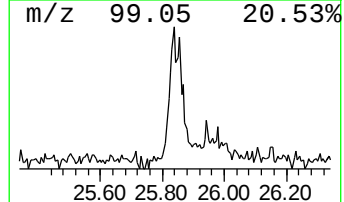
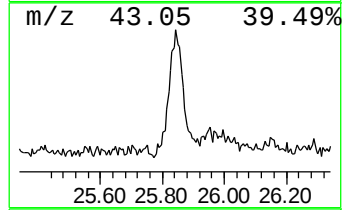
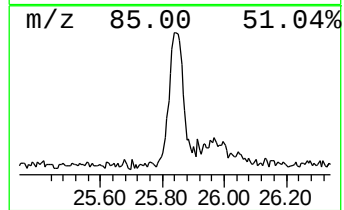
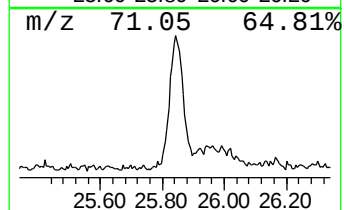
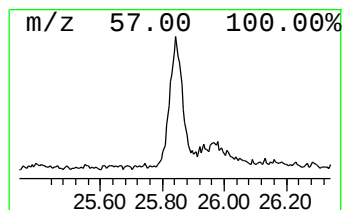
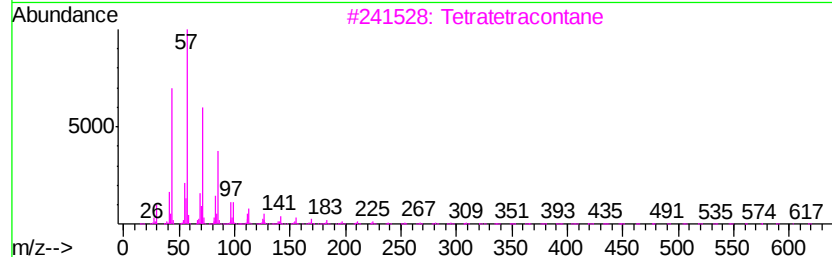
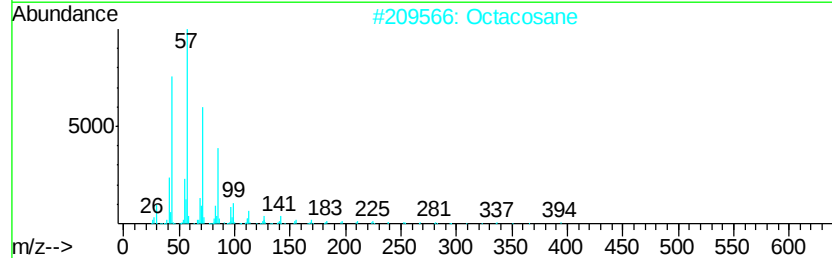
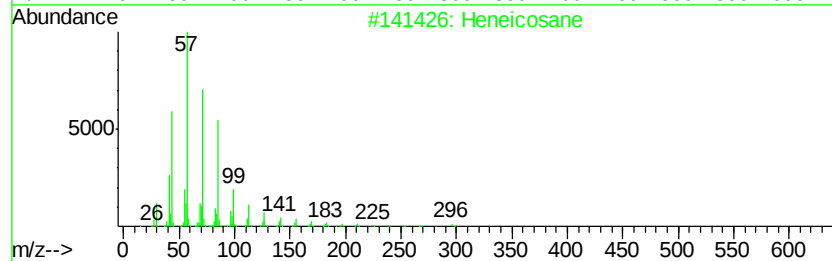
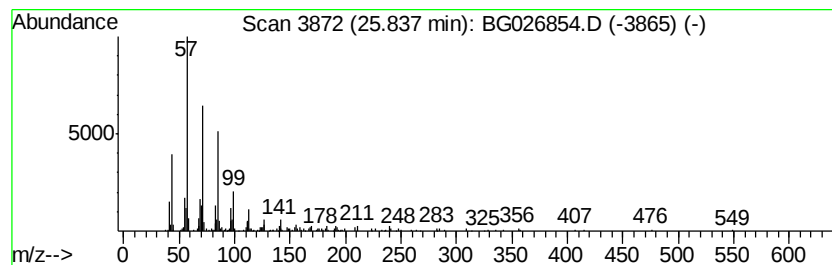
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.25 ng/ul	315963	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octacosane	394	C28H58	000630-02-4	90
3		Tetratetracontane	619	C44H90	007098-22-8	87
4		Tetracosane	338	C24H50	000646-31-1	87
5		Hexacosane	366	C26H54	000630-01-3	87



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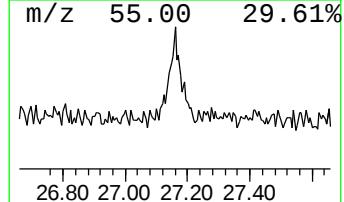
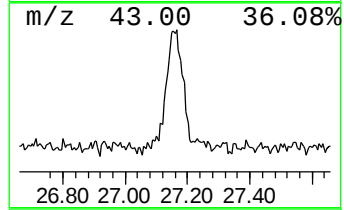
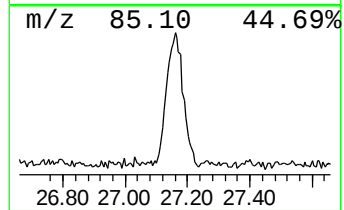
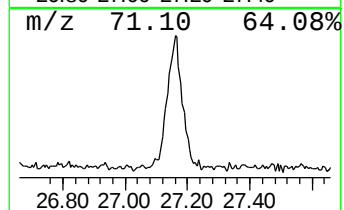
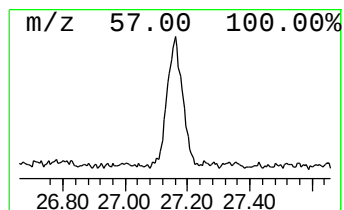
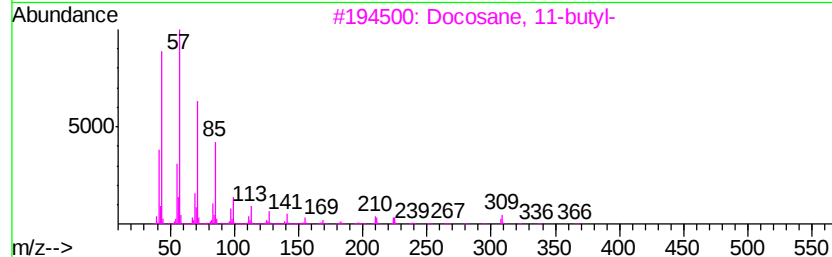
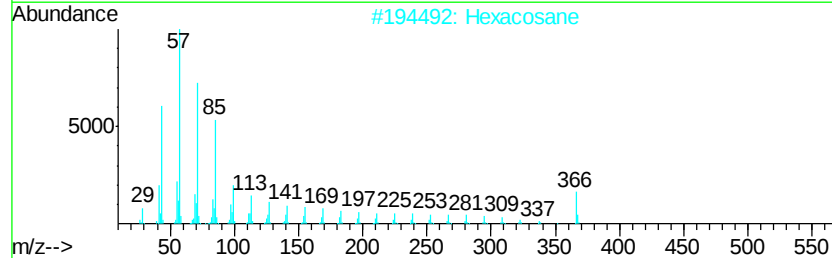
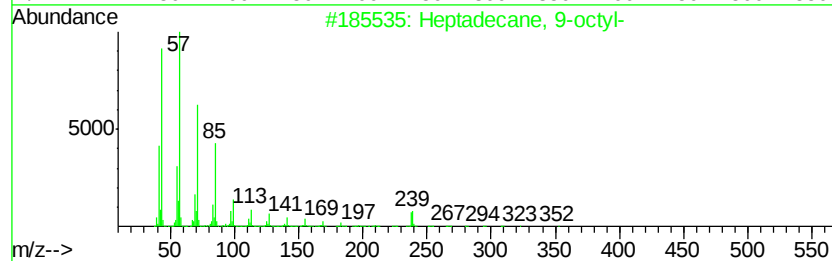
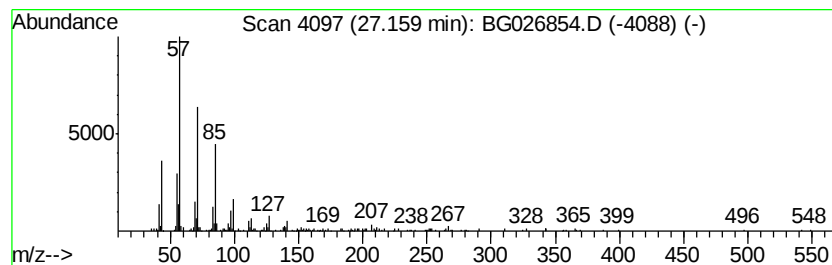
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.16	2.46 ng/ul	345435	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
2		Hexacosane	366	C26H54	000630-01-3	86
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	86
4		Eicosane	282	C20H42	000112-95-8	80
5		Heptacosane	380	C27H56	000593-49-7	80



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Data File : BG026854.D
Acq On : 3 May 2017 16:46
Operator : SJ/MA
Sample : I2871-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB19

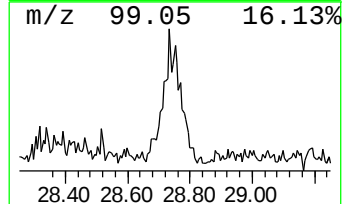
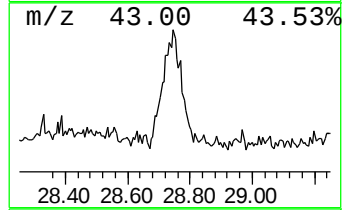
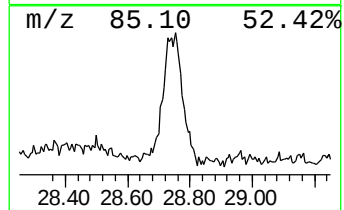
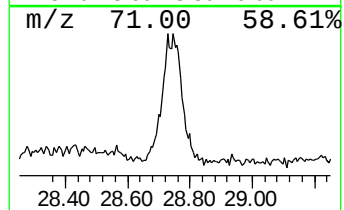
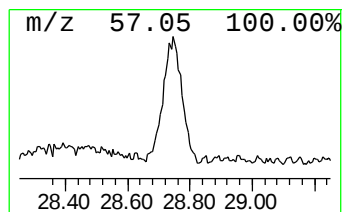
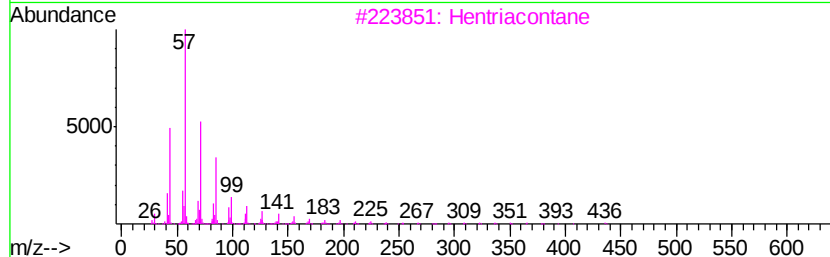
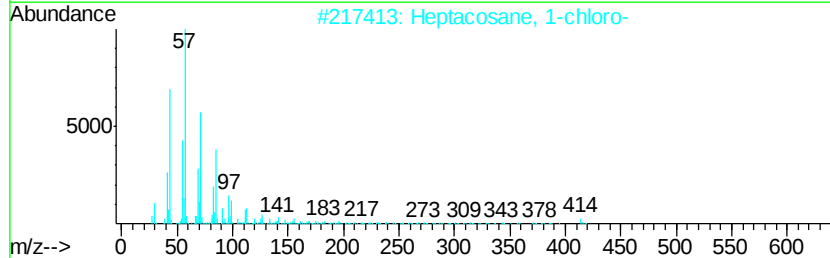
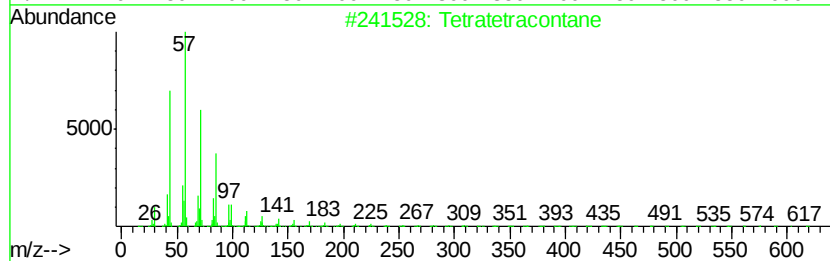
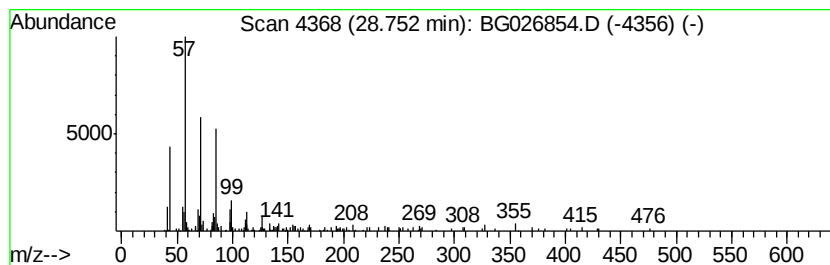
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.75	2.26 ng/ul	316172	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratetracontane	619	C44H90	007098-22-8	90
2		Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	90
3		Hentriacontane	437	C31H64	000630-04-6	87
4		Docosane	310	C22H46	000629-97-0	87
5		Hentriacontane	437	C31H64	000630-04-6	87



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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB19

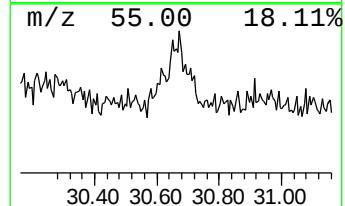
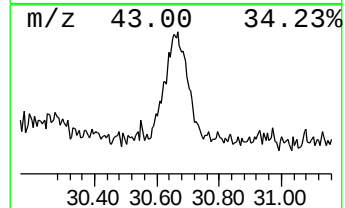
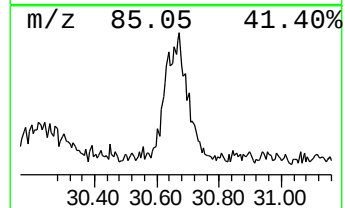
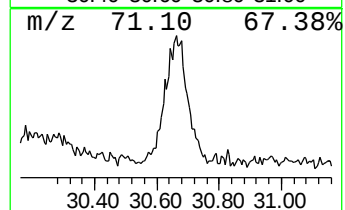
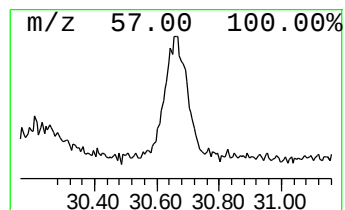
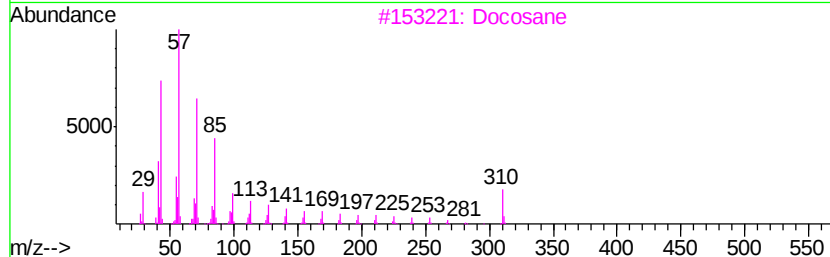
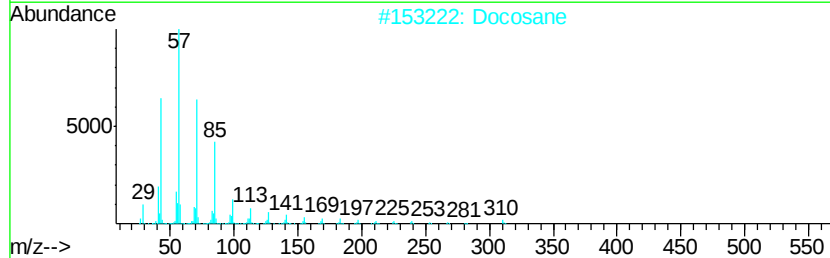
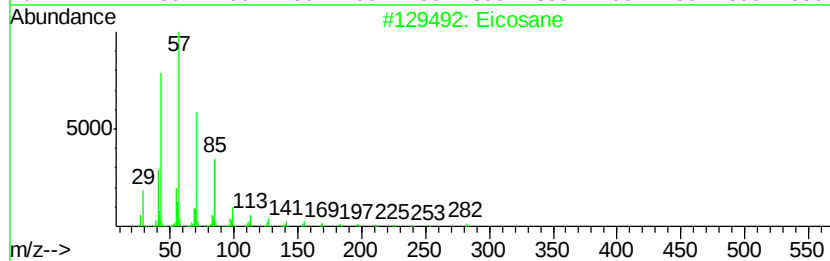
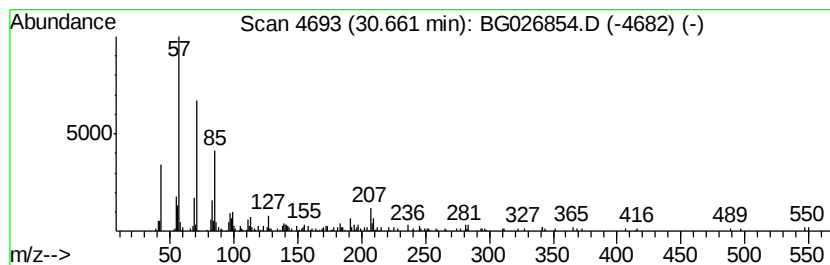
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.66	2.24 ng/ul	314311	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	86
2		Docosane	310	C22H46	000629-97-0	86
3		Docosane	310	C22H46	000629-97-0	70
4		Heptadecane	240	C17H36	000629-78-7	70
5		Heneicosane	296	C21H44	000629-94-7	70



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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
YAB19

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	3.0	ng/ul	356341	4	17.35	2372160	20.0
(DEL) Alkane: Str...	25.84	2.3	ng/ul	315963	6	24.76	2803030	20.0
(DEL) Alkane: Str...	27.16	2.5	ng/ul	345435	6	24.76	2803030	20.0
(DEL) Alkane: Str...	28.75	2.3	ng/ul	316172	6	24.76	2803030	20.0
(DEL) Alkane: Str...	30.66	2.2	ng/ul	314311	6	24.76	2803030	20.0