

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
 Data File : BG026926.D
 Acq On : 10 May 2017 00:15
 Operator : SJ/MA
 Sample : I2966-16
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ESXN2

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	6.009	495	497	499	rVB2	6330	4938	0.12%	0.011%
2	6.397	561	563	566	rVB2	6104	4721	0.11%	0.010%
3	6.696	611	614	616	rBV	5342	5011	0.12%	0.011%
4	7.184	689	697	712	rBV	116055	237535	5.54%	0.525%
5	7.325	714	721	735	rVB	534058	878621	20.50%	1.940%
6	7.542	750	758	774	rBV	533979	941575	21.97%	2.079%
7	8.006	829	837	847	rVB	579553	1028922	24.01%	2.272%
8	8.717	950	958	981	rVB	399420	806277	18.81%	1.781%
9	9.164	1026	1034	1049	rBV	636567	1168506	27.27%	2.580%
10	9.887	1148	1157	1172	rBV	531689	950416	22.18%	2.099%
11	10.433	1242	1250	1274	rBV	722881	1497269	34.94%	3.306%
12	10.803	1301	1313	1327	rVB	1016995	1789492	41.76%	3.952%
13	10.950	1329	1338	1355	rVB2	40095	97312	2.27%	0.215%
14	11.068	1357	1358	1364	rVB5	3306	4589	0.11%	0.010%
15	12.066	1524	1528	1534	rVB6	4065	6324	0.15%	0.014%
16	12.395	1575	1584	1592	rBV5	13476	28944	0.68%	0.064%
17	12.795	1649	1652	1661	rVB4	2626	5175	0.12%	0.011%
18	13.230	1719	1726	1732	rBV7	4871	9681	0.23%	0.021%
19	13.600	1784	1789	1794	rVB5	3782	5229	0.12%	0.012%
20	14.017	1852	1860	1873	rBV	1664611	2419129	56.45%	5.342%
21	14.211	1887	1893	1898	rVB6	2001	4291	0.10%	0.009%
22	14.311	1901	1910	1921	rBV	2040932	3167891	73.92%	6.996%
23	14.616	1953	1962	1975	rVB2	1425241	2285288	53.33%	5.047%
24	14.857	1995	2003	2021	rBV3	43458	167639	3.91%	0.370%
25	15.034	2029	2033	2038	rVB7	2935	4438	0.10%	0.010%
26	15.269	2067	2073	2078	rVB7	4901	9078	0.21%	0.020%
27	15.398	2091	2095	2106	rBV6	5841	15587	0.36%	0.034%
28	15.603	2121	2130	2143	rBV	2501069	3781572	88.24%	8.351%
29	15.727	2144	2151	2167	rVV	578469	890783	20.79%	1.967%
30	15.844	2167	2171	2177	rVB3	33317	52831	1.23%	0.117%
31	16.068	2205	2209	2210	rBV2	3468	4536	0.11%	0.010%
32	16.238	2235	2238	2243	rVB5	3362	6421	0.15%	0.014%
33	16.385	2260	2263	2268	rVB5	4586	5470	0.13%	0.012%
34	16.455	2268	2275	2278	rBV7	3216	7204	0.17%	0.016%

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35	16.508	2282	2284	2287	rVB4	4377	4946	0.12%	0.011%
36	16.555	2287	2292	2299	rBV9	7172	19438	0.45%	0.043%
37	16.749	2319	2325	2335	rVV5	29942	63227	1.48%	0.140%
38	16.902	2350	2351	2359	rVB7	4894	7747	0.18%	0.017%
39	17.096	2378	2384	2387	rVB7	2632	4651	0.11%	0.010%
40	17.143	2387	2392	2400	rBV3	9417	16904	0.39%	0.037%
41	17.348	2420	2427	2437	rBV2	1517420	2317168	54.07%	5.117%
42	17.448	2437	2444	2456	rVB	2612674	3913802	91.33%	8.643%
43	17.619	2469	2473	2479	rBV6	3233	7358	0.17%	0.016%
44	17.742	2491	2494	2499	rBV7	5186	9476	0.22%	0.021%
45	17.830	2506	2509	2517	rBV8	2874	6410	0.15%	0.014%
46	17.977	2529	2534	2536	rBV5	3623	6473	0.15%	0.014%
47	18.007	2536	2539	2545	rVB8	12273	15478	0.36%	0.034%
48	18.236	2569	2578	2611	rVV	290337	655147	15.29%	1.447%
49	18.453	2611	2615	2620	rVB8	5784	12515	0.29%	0.028%
50	18.582	2633	2637	2645	rBV8	5056	14944	0.35%	0.033%
51	18.688	2650	2655	2660	rBV7	3226	7606	0.18%	0.017%
52	18.747	2661	2665	2670	rVB8	2502	5314	0.12%	0.012%
53	18.817	2673	2677	2680	rVB5	8652	12207	0.28%	0.027%
54	19.011	2707	2710	2713	rBV5	3156	4553	0.11%	0.010%
55	19.111	2723	2727	2731	rBV6	3843	6844	0.16%	0.015%
56	19.193	2739	2741	2746	rBV6	4398	4480	0.10%	0.010%
57	19.375	2765	2772	2775	rBV	27948	52934	1.24%	0.117%
58	19.499	2787	2793	2802	rBV	25241	47200	1.10%	0.104%
59	19.622	2808	2814	2821	rVB	29238	48438	1.13%	0.107%
60	19.728	2822	2832	2846	rBV2	2815064	4133759	96.46%	9.129%
61	19.957	2866	2871	2873	rVB6	3312	4465	0.10%	0.010%
62	20.039	2882	2885	2888	rVB5	4822	6300	0.15%	0.014%
63	20.257	2919	2922	2924	rBV4	5417	5883	0.14%	0.013%
64	20.321	2927	2933	2938	rVB9	7691	15795	0.37%	0.035%
65	20.421	2948	2950	2952	rBV3	4942	4444	0.10%	0.010%
66	20.545	2969	2971	2977	rBV6	6449	10713	0.25%	0.024%
67	20.674	2989	2993	2998	rBV8	9039	12486	0.29%	0.028%
68	20.868	3022	3026	3031	rBV8	7129	14182	0.33%	0.031%
69	20.915	3032	3034	3037	rBV4	3789	5298	0.12%	0.012%
70	21.038	3054	3055	3060	rBV5	6834	9329	0.22%	0.021%
71	21.162	3072	3076	3080	rBV5	14127	14908	0.35%	0.033%

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72	21.238	3084	3089	3095	rBV9	10443	20669	0.48%	0.046%
73	21.397	3114	3116	3121	rBV6	6708	7698	0.18%	0.017%
74	21.473	3124	3129	3136	rVB	46048	66937	1.56%	0.148%
75	21.596	3142	3150	3162	rBV	1451595	2435014	56.82%	5.377%
76	21.773	3177	3180	3186	rVB7	14521	17924	0.42%	0.040%
77	21.920	3203	3205	3207	rBV3	7178	6142	0.14%	0.014%
78	22.366	3275	3281	3284	rBV3	31037	51957	1.21%	0.115%
79	23.036	3390	3395	3403	rVB3	52422	104357	2.44%	0.230%
80	23.817	3521	3528	3535	rVB3	77393	162127	3.78%	0.358%
81	24.540	3640	3651	3672	rBV2	1447354	4285460	100.00%	9.464%
82	24.752	3676	3687	3726	rVB2	878674	2929944	68.37%	6.470%
83	25.839	3862	3872	3882	rBV3	107316	316439	7.38%	0.699%
84	26.115	3914	3919	3931	rVB3	12664	41650	0.97%	0.092%
85	26.461	3976	3978	3981	rVB3	7940	6622	0.15%	0.015%
86	27.155	4085	4096	4112	rVB4	108204	402259	9.39%	0.888%
87	28.729	4353	4364	4379	rVB4	77497	316541	7.39%	0.699%
88	30.645	4675	4690	4709	rVB6	62842	316348	7.38%	0.699%

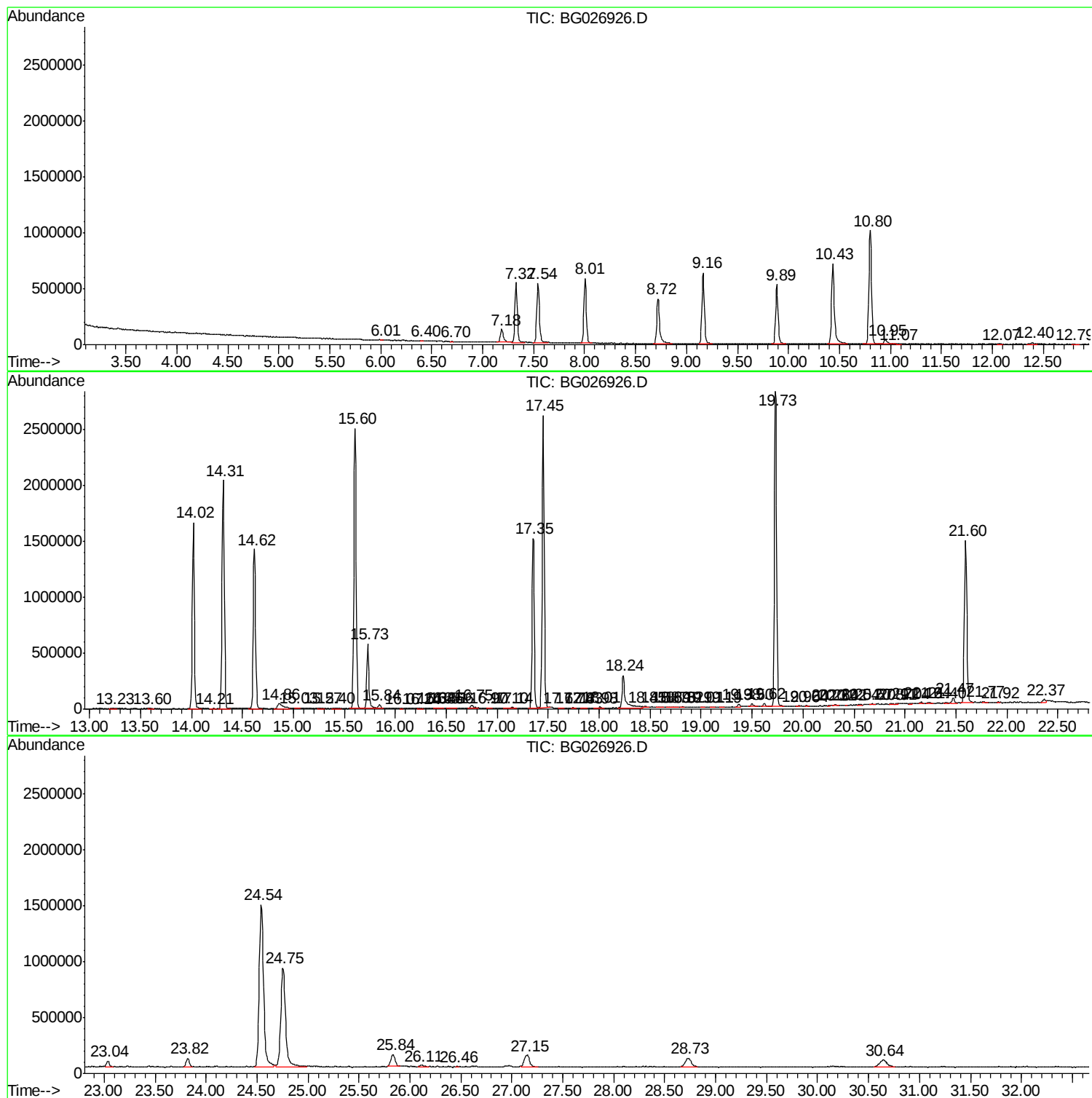
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



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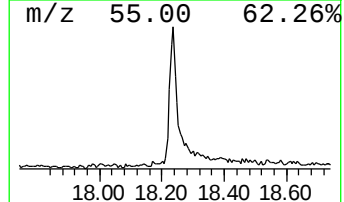
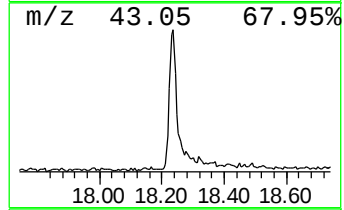
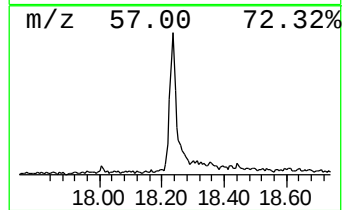
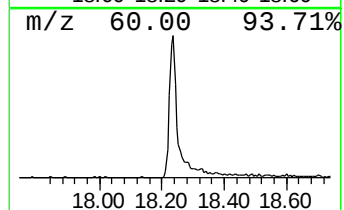
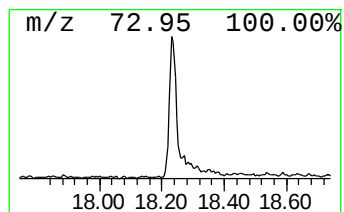
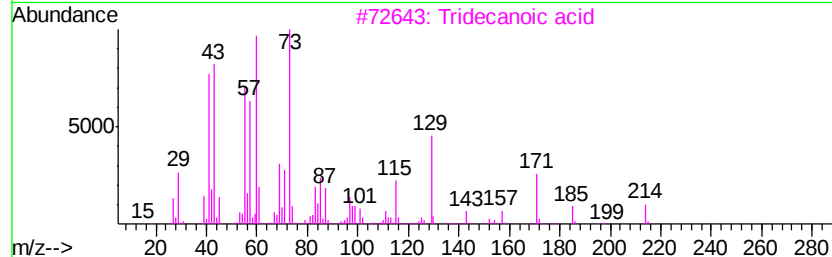
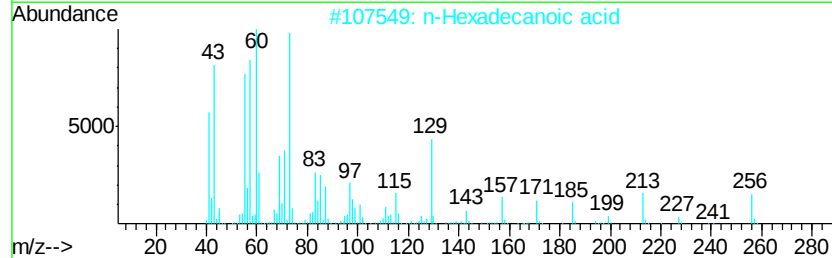
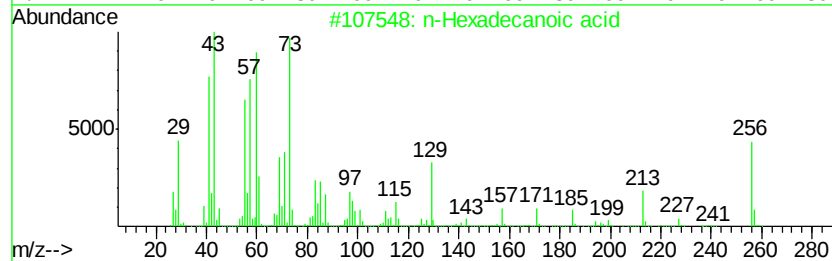
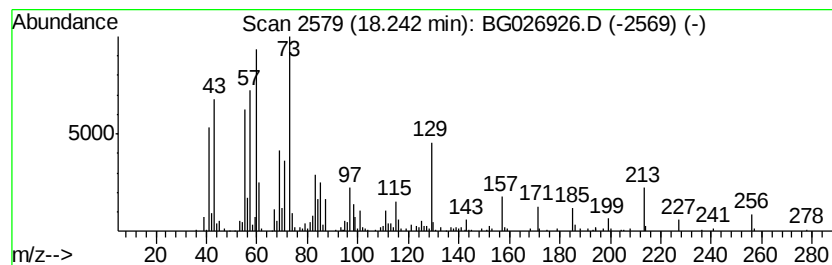
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	5.65 ng/ul	655147	Phenanthrene-d10	17.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	78
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72



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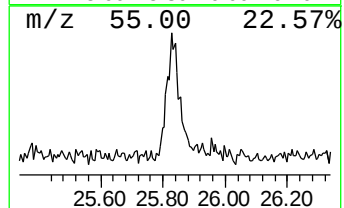
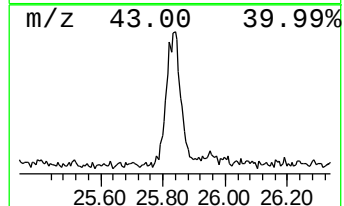
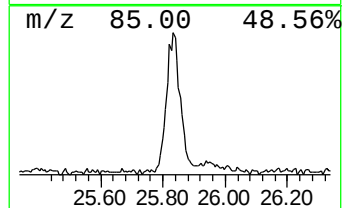
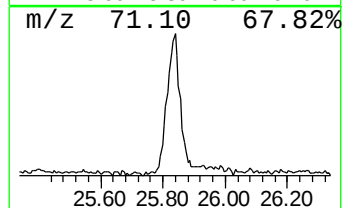
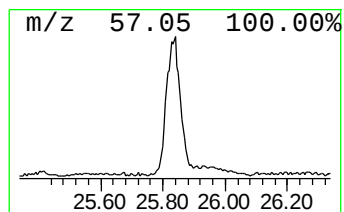
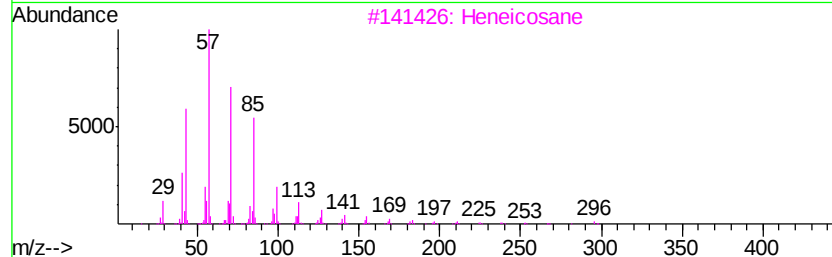
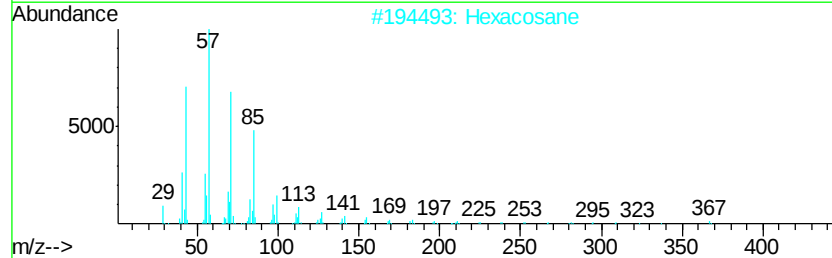
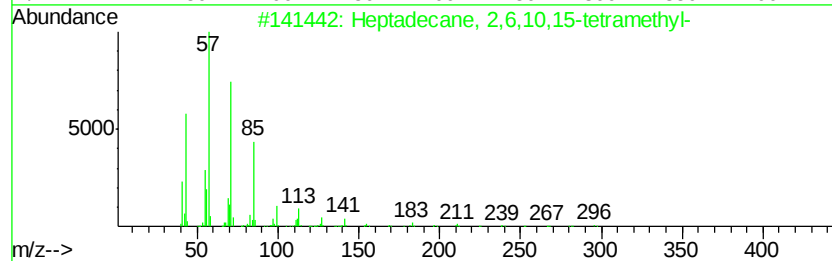
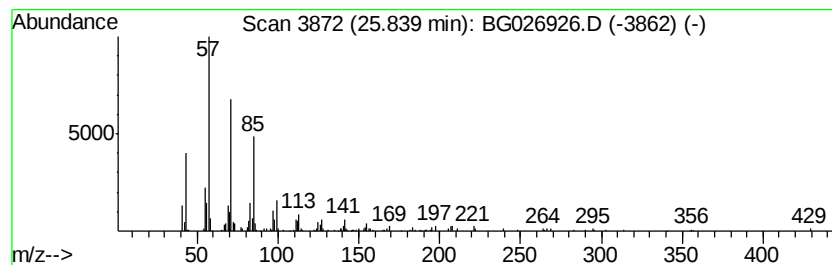
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.16 ng/ul	316439	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	97
2		Hexacosane	366	C26H54	000630-01-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Heptadecane	240	C17H36	000629-78-7	90
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90



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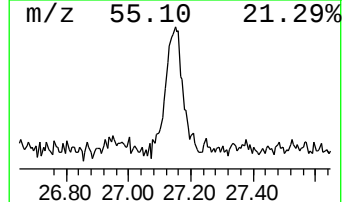
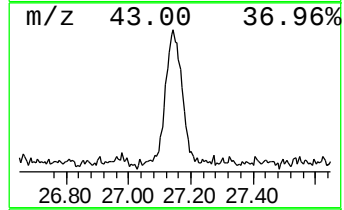
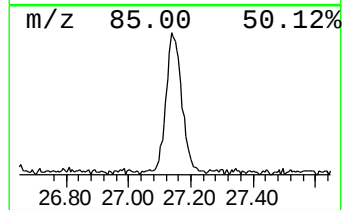
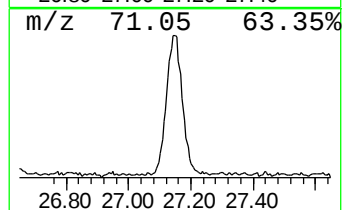
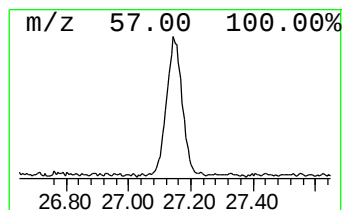
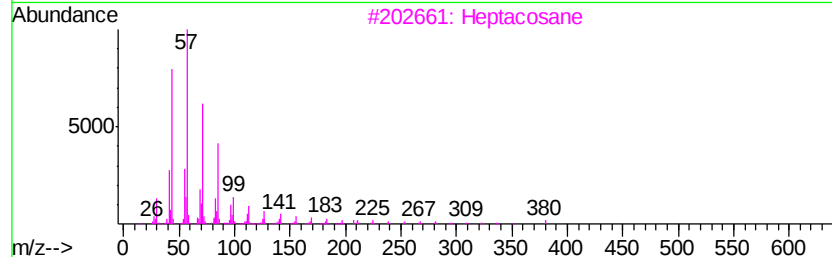
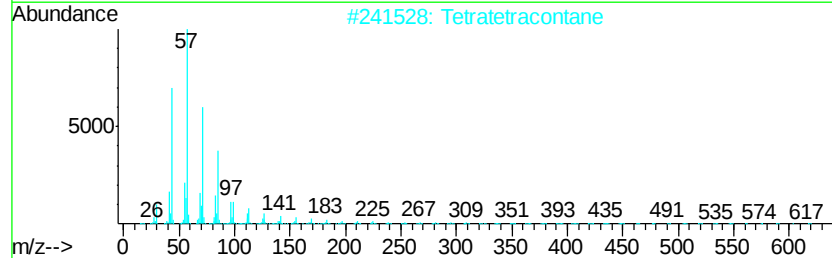
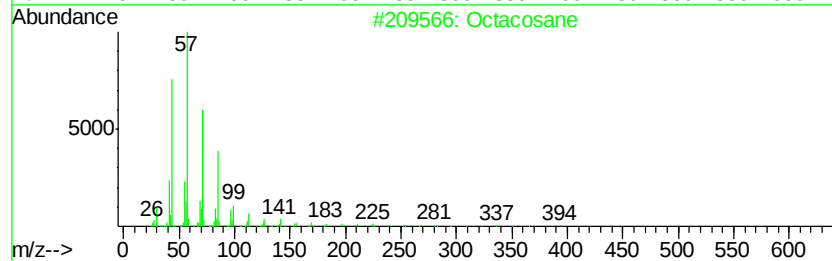
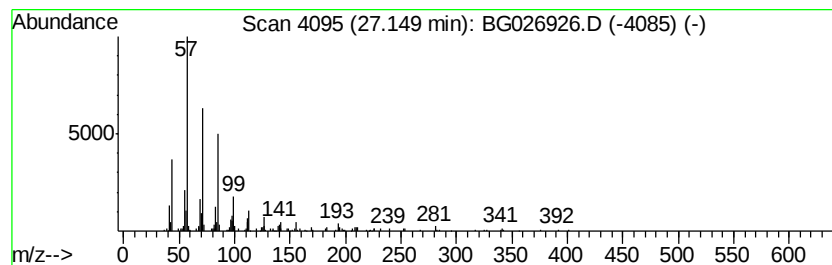
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	2.75 ng/ul	402259	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	87
2		Tetratetracontane	619	C44H90	007098-22-8	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexatriacontane	507	C36H74	000630-06-8	87
5		Hexacosane	366	C26H54	000630-01-3	87



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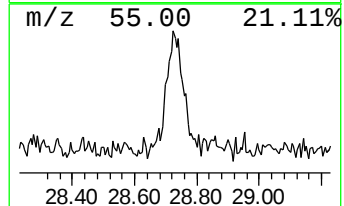
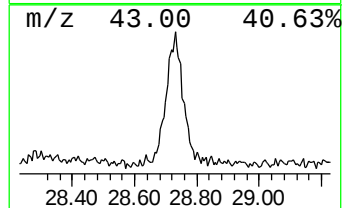
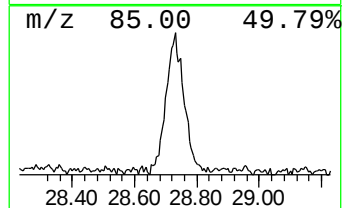
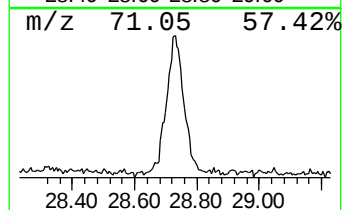
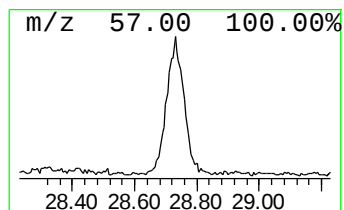
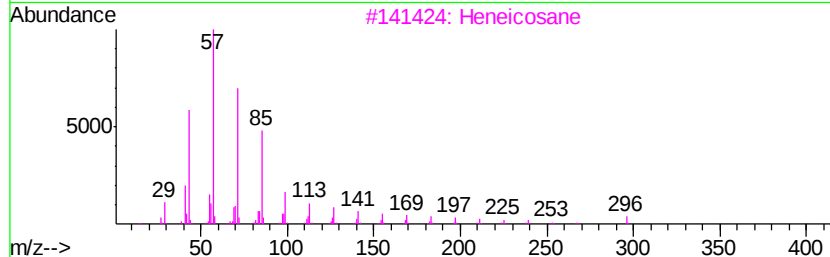
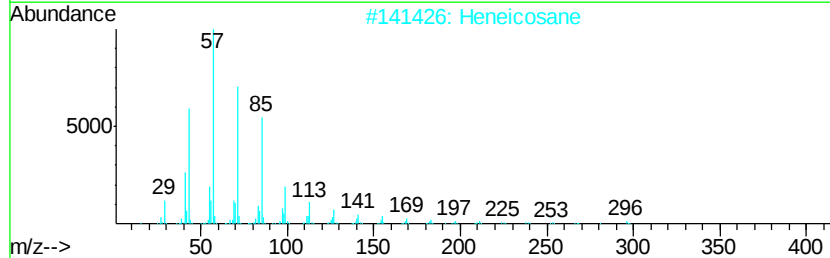
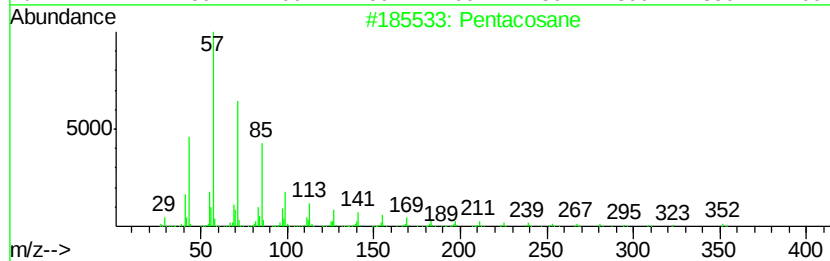
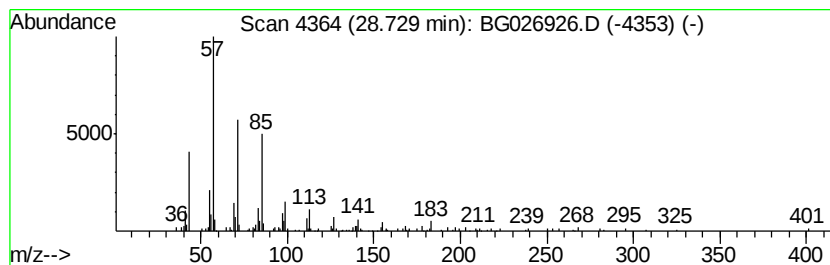
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.73	2.16 ng/ul	316541	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentacosane	352	C25H52	000629-99-2	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026926.D
Acq On : 10 May 2017 00:15
Operator : SJ/MA
Sample : I2966-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXN2

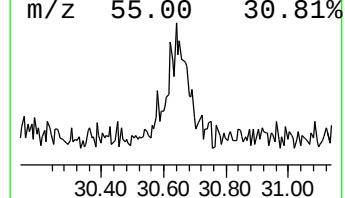
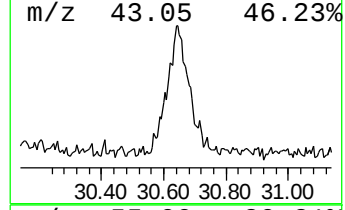
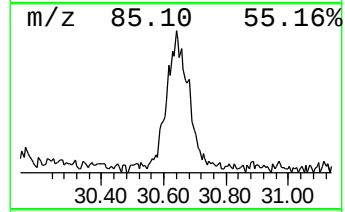
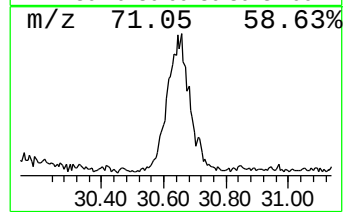
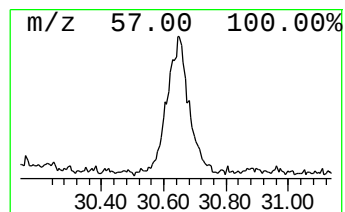
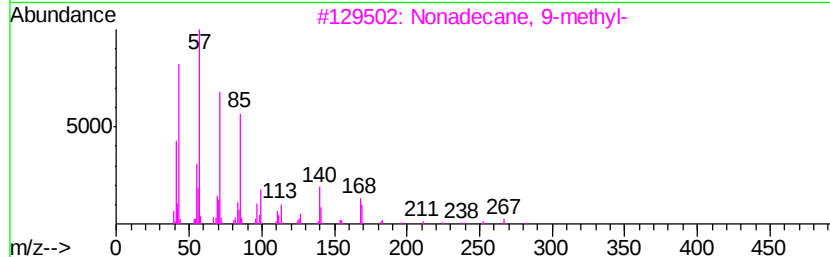
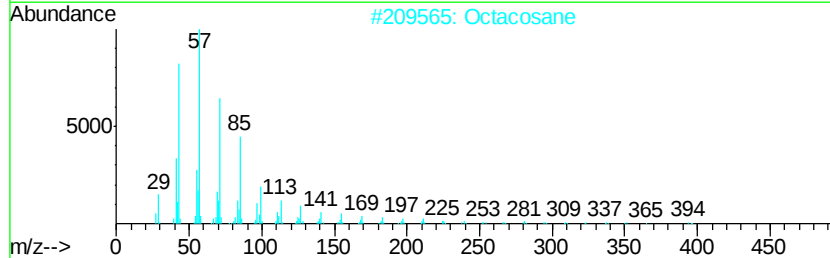
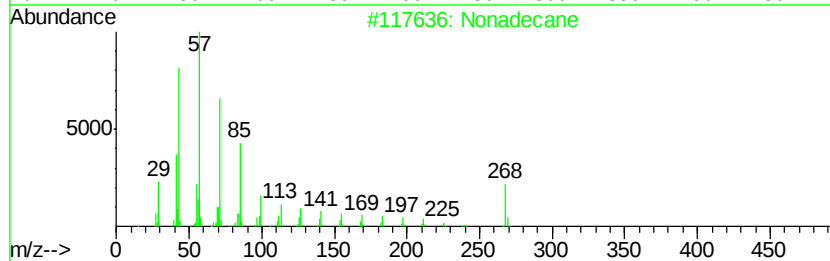
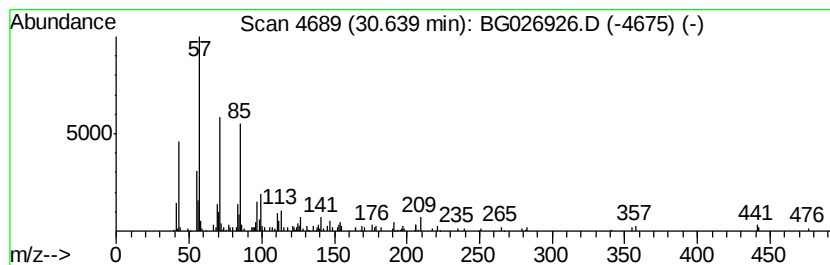
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.64	2.16 ng/ul	316348	Perylene-d12	24.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	87
4		Hentriacontane	437	C31H64	000630-04-6	87
5		Octacosane	394	C28H58	000630-02-4	87



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050917\
Data File : BG026926.D
Acq On : 10 May 2017 00:15
Operator : SJ/MA
Sample : I2966-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ESXN2

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	5.7	ng/ul	655147	4	17.35	2317170	20.0
(DEL) Alkane: Str...	25.84	2.2	ng/ul	316439	6	24.76	2929940	20.0
(DEL) Alkane: Str...	27.15	2.8	ng/ul	402259	6	24.76	2929940	20.0
(DEL) Alkane: Str...	28.73	2.2	ng/ul	316541	6	24.76	2929940	20.0
(DEL) Alkane: Str...	30.64	2.2	ng/ul	316348	6	24.76	2929940	20.0