

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028238.D
 Acq On : 9 Aug 2017 23:06
 Operator : SJ/JU
 Sample : I4455-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF0

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-BG080217.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	3.841	38	43	50	rVB5	6747	12986	1.21%	0.113%
2	4.352	124	130	133	rVB4	2694	4276	0.40%	0.037%
3	4.769	197	201	207	rVB3	3814	6821	0.63%	0.060%
4	5.157	262	267	269	rBV3	2615	3334	0.31%	0.029%
5	5.697	353	359	367	rVB3	2045	4924	0.46%	0.043%
6	6.884	558	561	567	rVB4	2469	3613	0.34%	0.032%
7	7.031	576	586	594	rVV5	5129	9917	0.92%	0.087%
8	7.343	630	639	642	rBV3	2639	3894	0.36%	0.034%
9	7.501	659	666	681	rVV	104423	213676	19.85%	1.864%
10	7.666	685	694	703	rBV	74132	131332	12.20%	1.146%
11	7.889	722	732	743	rBV	98150	177560	16.49%	1.549%
12	8.353	802	811	822	rBV	103122	191985	17.83%	1.675%
13	8.888	896	902	907	rBV3	1741	3945	0.37%	0.034%
14	9.046	918	929	944	rBV2	121569	238812	22.18%	2.083%
15	9.522	1002	1010	1019	rBV	93404	188533	17.51%	1.645%
16	10.245	1126	1133	1144	rBV2	87397	162462	15.09%	1.417%
17	10.786	1217	1225	1238	rBV	119483	242884	22.56%	2.119%
18	11.091	1273	1277	1282	rBV4	1729	3433	0.32%	0.030%
19	11.173	1282	1291	1302	rVB	158885	301112	27.97%	2.627%
20	11.303	1302	1313	1327	rBV2	100872	205117	19.05%	1.789%
21	12.331	1481	1488	1492	rVB3	3063	5423	0.50%	0.047%
22	12.489	1510	1515	1521	rVB4	2722	4391	0.41%	0.038%
23	12.619	1533	1537	1541	rBV2	2025	3846	0.36%	0.034%
24	12.730	1551	1556	1564	rVB4	2510	5117	0.48%	0.045%
25	14.276	1812	1819	1822	rVB2	2999	3988	0.37%	0.035%
26	14.346	1822	1831	1836	rBV	299260	473424	43.98%	4.130%
27	14.393	1836	1839	1849	rVB	142924	200926	18.66%	1.753%
28	14.658	1876	1884	1895	rBV	296906	488044	45.33%	4.258%
29	14.816	1904	1911	1915	rVB4	2904	4897	0.45%	0.043%
30	14.957	1928	1935	1944	rVV2	293092	496045	46.08%	4.327%
31	15.151	1961	1968	1983	rBV2	70941	174653	16.22%	1.524%
32	15.368	2002	2005	2013	rVB3	2678	5566	0.52%	0.049%
33	15.762	2067	2072	2077	rVB3	6273	9915	0.92%	0.086%
34	15.944	2095	2103	2113	rBV	421502	672601	62.48%	5.868%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028238.D
 Acq On : 9 Aug 2017 23:06
 Operator : SJ/JU
 Sample : I4455-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF0

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-BG080217.M
 Title : SVOA CALIBRATION

35	16.056	2116	2122	2133	rBV2	149403	233068	21.65%	2.033%
36	16.150	2134	2138	2140	rVV2	2857	3906	0.36%	0.034%
37	16.179	2140	2143	2155	rVB5	5792	13227	1.23%	0.115%
38	16.620	2213	2218	2227	rBV3	9603	20005	1.86%	0.175%
39	17.084	2292	2297	2301	rBV2	3206	6682	0.62%	0.058%
40	17.419	2348	2354	2358	rVB3	5705	9127	0.85%	0.080%
41	17.495	2364	2367	2373	rVB3	2939	4621	0.43%	0.040%
42	17.707	2396	2403	2413	rBV	476346	749528	69.62%	6.539%
43	17.807	2413	2420	2429	rVV	547071	824277	76.56%	7.191%
44	17.883	2429	2433	2439	rVB3	4229	6156	0.57%	0.054%
45	17.954	2443	2445	2451	rVB	6304	8007	0.74%	0.070%
46	18.030	2454	2458	2465	rVV	1995	3314	0.31%	0.029%
47	18.159	2475	2480	2486	rBV4	5050	8907	0.83%	0.078%
48	18.341	2505	2511	2518	rVB4	8380	14330	1.33%	0.125%
49	18.559	2543	2548	2558	rBV4	29080	62690	5.82%	0.547%
50	18.641	2558	2562	2566	rVB4	5082	7271	0.68%	0.063%
51	18.935	2609	2612	2615	rVB3	2602	3432	0.32%	0.030%
52	18.970	2615	2618	2623	rVB5	2507	3984	0.37%	0.035%
53	19.082	2633	2637	2644	rVB5	4067	7708	0.72%	0.067%
54	19.140	2644	2647	2651	rBV3	2075	3602	0.33%	0.031%
55	19.493	2699	2707	2714	rBV6	46487	68919	6.40%	0.601%
56	19.616	2725	2728	2731	rVB3	5022	4484	0.42%	0.039%
57	19.710	2740	2744	2755	rVB5	9257	18767	1.74%	0.164%
58	19.816	2758	2762	2772	rBV6	25950	50326	4.67%	0.439%
59	19.963	2782	2787	2794	rBV6	10512	17320	1.61%	0.151%
60	20.081	2799	2807	2816	rVB	725348	1076573	100.00%	9.392%
61	20.145	2816	2818	2823	rVB6	2308	3316	0.31%	0.029%
62	20.251	2835	2836	2839	rBV2	2808	3152	0.29%	0.027%
63	20.286	2840	2842	2849	rVB6	3742	5505	0.51%	0.048%
64	20.515	2878	2881	2885	rBV5	2900	3475	0.32%	0.030%
65	20.562	2885	2889	2892	rBV4	3711	5604	0.52%	0.049%
66	20.997	2961	2963	2968	rVB5	3773	4523	0.42%	0.039%
67	21.044	2968	2971	2973	rVV4	4561	5112	0.47%	0.045%
68	21.074	2973	2976	2983	rVB6	6917	12588	1.17%	0.110%
69	21.385	3021	3029	3038	rBV6	14457	46488	4.32%	0.406%
70	21.608	3064	3067	3071	rBV4	6006	10067	0.94%	0.088%
71	21.673	3076	3078	3083	rVB6	3860	4558	0.42%	0.040%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
 Data File : BG028238.D
 Acq On : 9 Aug 2017 23:06
 Operator : SJ/JU
 Sample : I4455-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AF0

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-BG080217.M
 Title : SVOA CALIBRATION

72	22.037	3130	3140	3148	rBV	496993	914553	84.95%	7.978%
73	22.343	3189	3192	3195	rBV4	3652	4952	0.46%	0.043%
74	22.601	3234	3236	3239	rBV3	2955	3991	0.37%	0.035%
75	22.672	3247	3248	3251	rBV3	3851	3266	0.30%	0.028%
76	22.842	3272	3277	3284	rVB4	12839	23998	2.23%	0.209%
77	23.482	3385	3386	3389	rBV3	5014	5108	0.47%	0.045%
78	23.588	3399	3404	3410	rVB6	16852	27299	2.54%	0.238%
79	23.788	3436	3438	3446	rVB8	6507	12729	1.18%	0.111%
80	24.229	3512	3513	3518	rVB4	4924	5542	0.51%	0.048%
81	24.458	3545	3552	3562	rVB4	31802	73829	6.86%	0.644%
82	24.710	3584	3595	3601	rVB4	9370	35653	3.31%	0.311%
83	25.045	3647	3652	3655	rBV6	2510	4619	0.43%	0.040%
84	25.092	3655	3660	3664	rBV7	3875	7898	0.73%	0.069%
85	25.151	3668	3670	3673	rBV4	5076	5065	0.47%	0.044%
86	25.192	3674	3677	3679	rVV4	3522	4045	0.38%	0.035%
87	25.292	3682	3694	3709	rVB2	328728	993044	92.24%	8.663%
88	25.533	3720	3735	3748	rVB	273697	925642	85.98%	8.075%
89	26.197	3843	3848	3856	rBV9	4242	11385	1.06%	0.099%
90	26.596	3914	3916	3919	rBV4	3455	4188	0.39%	0.037%
91	26.720	3927	3937	3950	rVB3	32573	106298	9.87%	0.927%
92	28.183	4177	4186	4198	rBV6	25866	94227	8.75%	0.822%
93	28.600	4255	4257	4259	rBV2	4300	5122	0.48%	0.045%
94	28.747	4280	4282	4287	rVB6	5234	6052	0.56%	0.053%
95	29.176	4353	4355	4359	rBV3	3048	3459	0.32%	0.030%
96	29.757	4453	4454	4458	rBV4	4581	3676	0.34%	0.032%
97	29.975	4480	4491	4503	rBV8	21329	84019	7.80%	0.733%
98	30.457	4571	4573	4577	rVB4	2649	4175	0.39%	0.036%
99	31.685	4780	4782	4785	rVB4	3576	3303	0.31%	0.029%
100	32.125	4846	4857	4874	rVB10	19561	91603	8.51%	0.799%

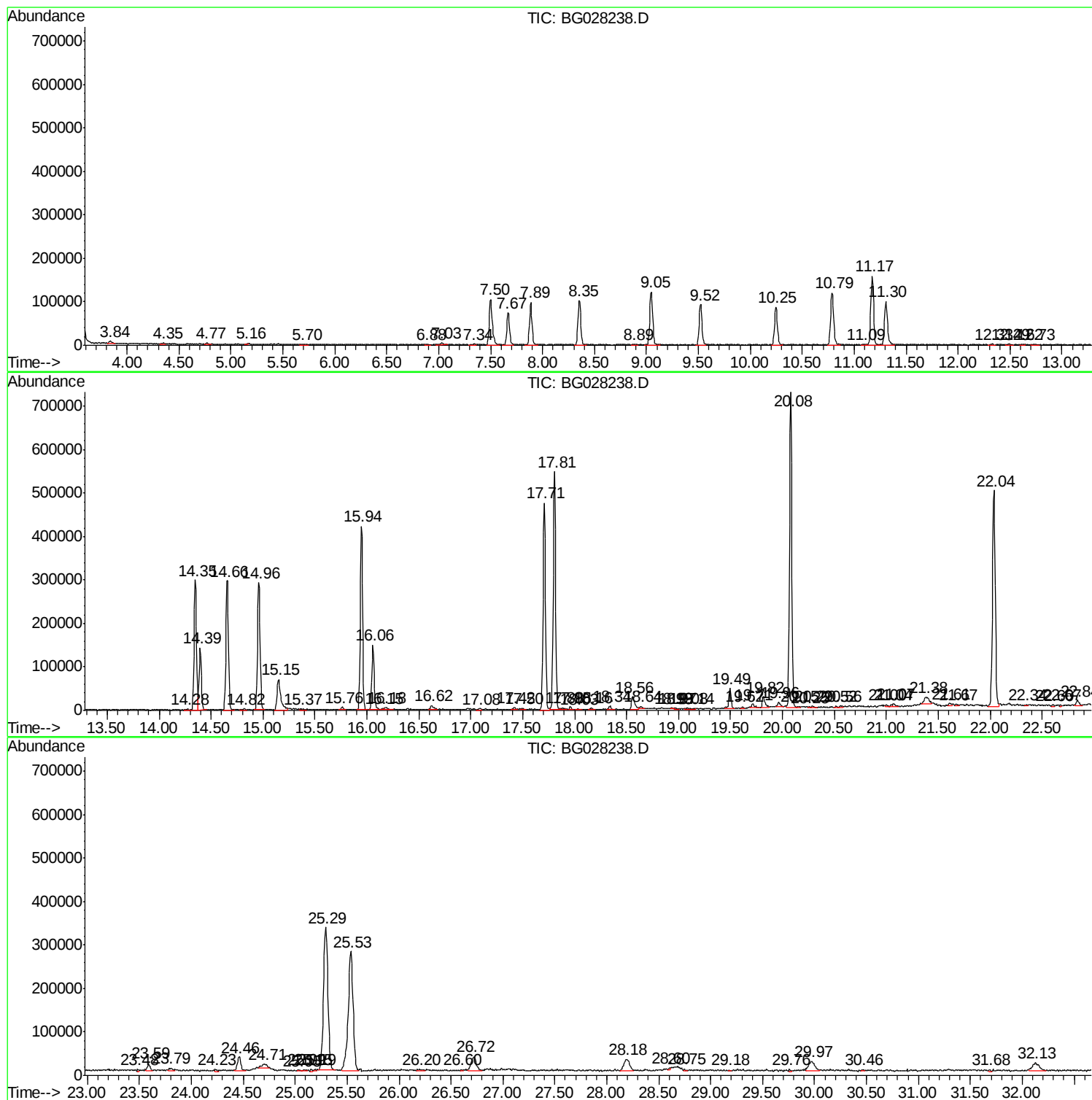
Sum of corrected areas: 11462811

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028238.D
Acq On : 9 Aug 2017 23:06
Operator : SJ/JU
Sample : I4455-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF0

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028238.D
Acq On : 9 Aug 2017 23:06
Operator : SJ/JU
Sample : I4455-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF0

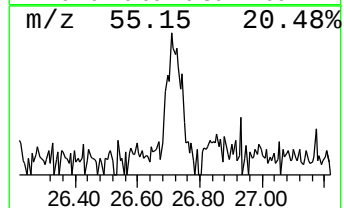
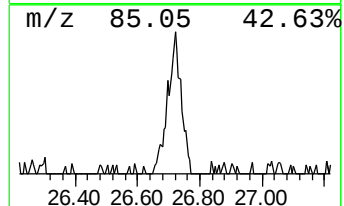
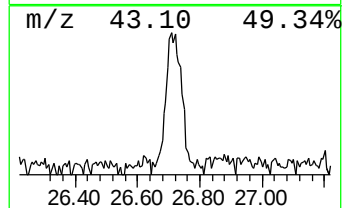
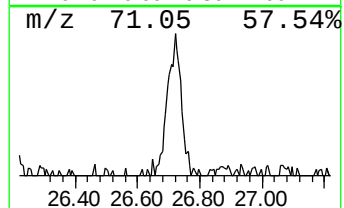
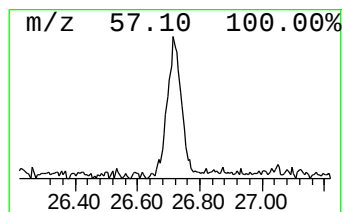
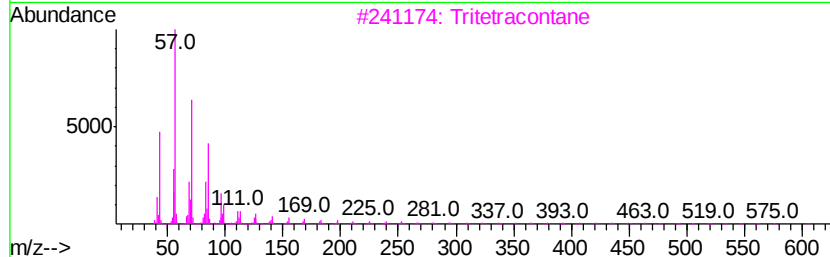
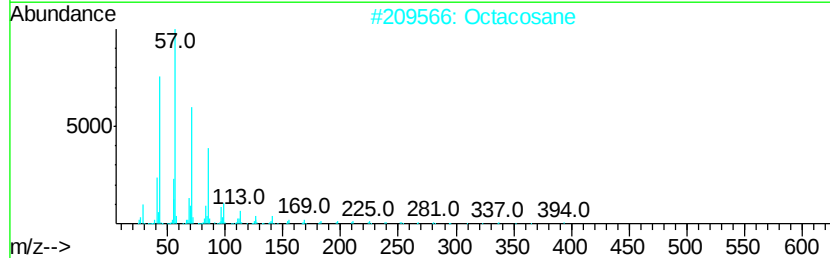
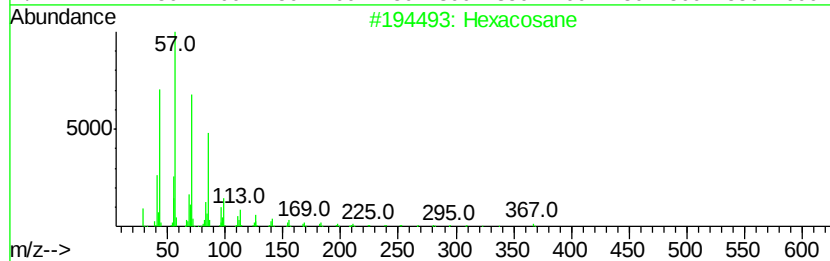
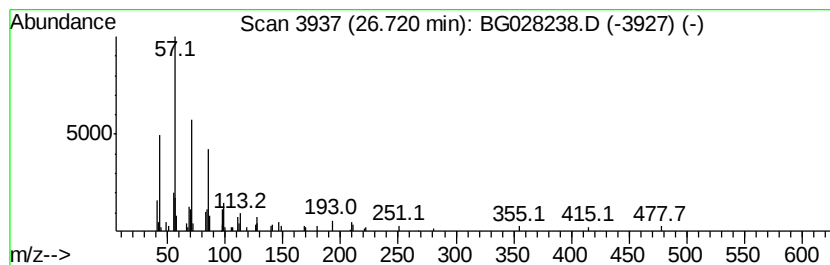
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	2.30 ng/ul	106298	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	90
2			Octacosane	394	C28H58	000630-02-4	87
3			Tritetracontane	605	C43H88	007098-21-7	87
4			Heneicosane	296	C21H44	000629-94-7	87
5			Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	87



Data Path : Z:\HPCHEM1\BNA G\DATA\BG080917\
Data File : BG028238.D
Acq On : 9 Aug 2017 23:06
Operator : SJ/JU
Sample : I4455-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF0

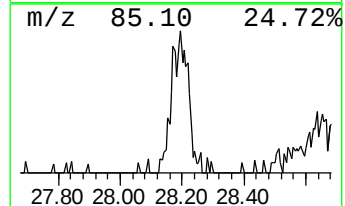
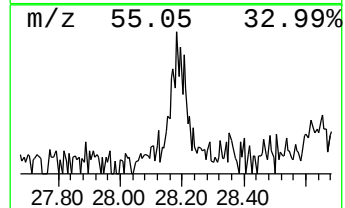
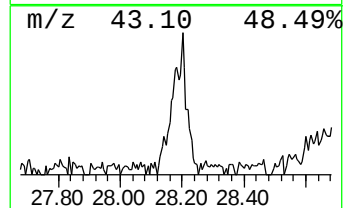
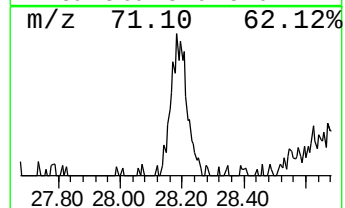
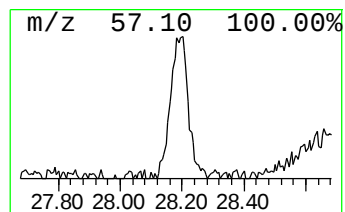
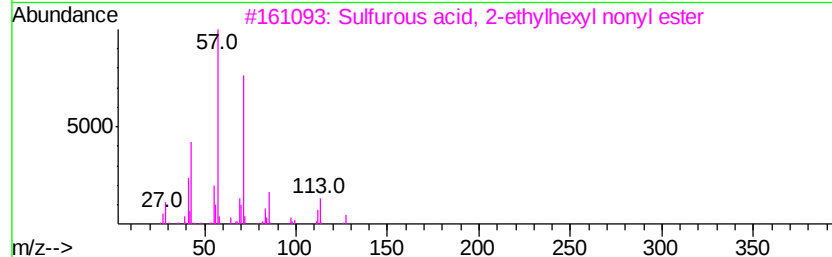
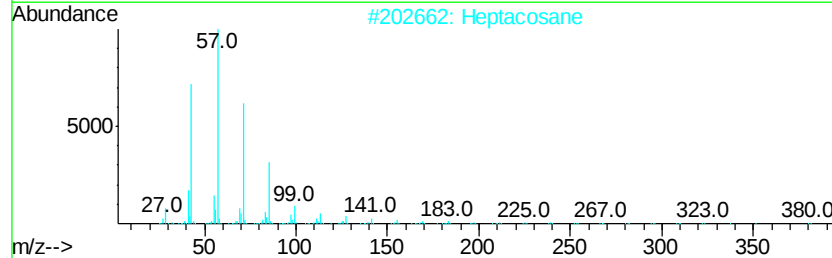
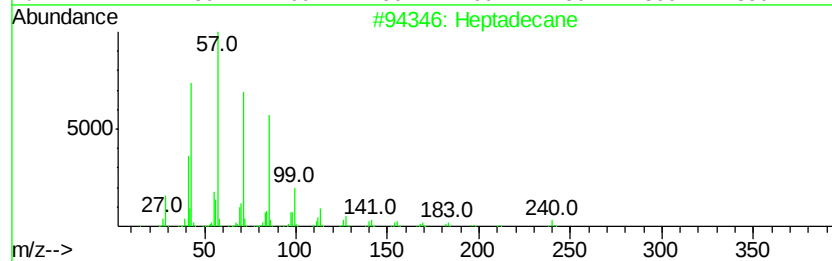
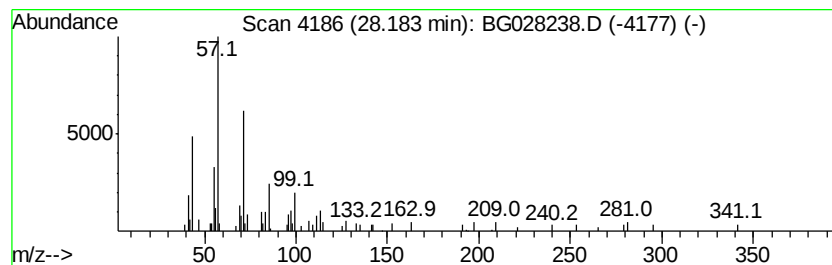
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.18	2.04 ng/ul	94227	Perylene-d12	25.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	70
2			Heptacosane	380	C27H56	000593-49-7	50
3			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	49
4			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	47
5			1-Iodoundecane	282	C11H23I	004282-44-4	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080917\
Data File : BG028238.D
Acq On : 9 Aug 2017 23:06
Operator : SJ/JU
Sample : I4455-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AF0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard--			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	26.72	2.3	ng/ul	106298	6	25.53	925642	20.0
(DEL) Alkane: Str...	28.18	2.0	ng/ul	94227	6	25.53	925642	20.0