

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
 Data File : BG028265.D
 Acq On : 10 Aug 2017 19:23
 Operator : SJ/JU
 Sample : I4529-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AD4

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	39	43	48	rBV3	7829	11967	0.82%	0.082%
2	4.252	108	113	117	rVB5	2269	4253	0.29%	0.029%
3	4.346	125	129	138	rVB3	6797	12682	0.87%	0.087%
4	4.422	138	142	147	rBV6	2751	3657	0.25%	0.025%
5	4.569	162	167	170	rVB4	1936	3284	0.23%	0.023%
6	4.922	223	227	230	rVB3	2139	3239	0.22%	0.022%
7	5.468	315	320	326	rBV5	5976	10765	0.74%	0.074%
8	5.544	331	333	340	rBV3	1865	3221	0.22%	0.022%
9	7.501	658	666	680	rBV	154453	308166	21.13%	2.122%
10	7.671	685	695	706	rBV	109445	198516	13.61%	1.367%
11	7.889	724	732	745	rVB	142711	267189	18.32%	1.840%
12	8.353	802	811	822	rBV	130790	235375	16.14%	1.621%
13	9.046	921	929	940	rBV	163227	312677	21.43%	2.153%
14	9.187	949	953	961	rVB3	5314	9390	0.64%	0.065%
15	9.522	1002	1010	1019	rBV	142842	275661	18.90%	1.899%
16	9.769	1047	1052	1060	rVB3	1520	3412	0.23%	0.023%
17	9.892	1067	1073	1078	rVB3	2521	5626	0.39%	0.039%
18	10.245	1123	1133	1142	rBV	129425	240701	16.50%	1.658%
19	10.603	1185	1194	1198	rVB6	2544	5564	0.38%	0.038%
20	10.785	1214	1225	1239	rBV2	181223	355284	24.35%	2.447%
21	11.097	1270	1278	1282	rBV4	1853	3960	0.27%	0.027%
22	11.173	1283	1291	1302	rVB	189256	353364	24.22%	2.434%
23	11.302	1304	1313	1330	rBV	134976	274030	18.78%	1.887%
24	12.266	1470	1477	1480	rBV	1864	3807	0.26%	0.026%
25	12.477	1504	1513	1515	rBV3	2399	3692	0.25%	0.025%
26	12.660	1540	1544	1551	rVV4	2925	4544	0.31%	0.031%
27	12.730	1551	1556	1563	rVB5	3249	5290	0.36%	0.036%
28	13.547	1694	1695	1701	rBV3	2467	3199	0.22%	0.022%
29	14.040	1771	1779	1782	rBV3	2080	5802	0.40%	0.040%
30	14.346	1824	1831	1836	rBV	410913	614747	42.14%	4.234%
31	14.393	1836	1839	1846	rVB2	55615	84208	5.77%	0.580%
32	14.651	1876	1883	1895	rBV	398989	638949	43.80%	4.401%
33	14.810	1906	1910	1914	rVB4	2813	4326	0.30%	0.030%
34	14.957	1928	1935	1944	rVB2	329742	544974	37.36%	3.753%

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35	15.145	1961	1967	1986	rBV3	128658	293633	20.13%	2.022%
36	15.309	1992	1995	2000	rVV4	3334	5125	0.35%	0.035%
37	15.362	2000	2004	2009	rVB5	4146	6434	0.44%	0.044%
38	15.715	2059	2064	2067	rBV4	3402	5421	0.37%	0.037%
39	15.762	2067	2072	2077	rVB4	9299	15553	1.07%	0.107%
40	15.944	2095	2103	2115	rBV	565983	880409	60.35%	6.064%
41	16.056	2115	2122	2134	rBV	239108	373190	25.58%	2.570%
42	16.179	2137	2143	2152	rVB7	8076	18800	1.29%	0.129%
43	16.261	2152	2157	2161	rVB4	2298	3735	0.26%	0.026%
44	16.390	2173	2179	2183	rBV5	2974	5152	0.35%	0.035%
45	16.461	2183	2191	2195	rVB5	2173	5212	0.36%	0.036%
46	16.620	2214	2218	2227	rVB4	16130	34338	2.35%	0.236%
47	16.696	2227	2231	2234	rBV2	2876	3859	0.26%	0.027%
48	16.819	2248	2252	2255	rBV2	2596	3268	0.22%	0.023%
49	16.896	2261	2265	2271	rBV5	2980	4287	0.29%	0.030%
50	16.978	2274	2279	2282	rBV4	3173	6100	0.42%	0.042%
51	17.195	2315	2316	2322	rVB3	2268	3359	0.23%	0.023%
52	17.419	2349	2354	2359	rBV3	9773	13623	0.93%	0.094%
53	17.707	2396	2403	2412	rBV2	488569	770643	52.83%	5.308%
54	17.806	2412	2420	2431	rVV	707585	1115638	76.48%	7.684%
55	18.100	2467	2470	2474	rBV3	1988	3376	0.23%	0.023%
56	18.153	2474	2479	2486	rVV3	4654	9122	0.63%	0.063%
57	18.441	2525	2528	2532	rVB3	2553	3294	0.23%	0.023%
58	18.500	2535	2538	2542	rBV3	3338	4572	0.31%	0.031%
59	18.553	2542	2547	2557	rBV4	33115	73445	5.03%	0.506%
60	18.664	2563	2566	2570	rVB4	6676	8550	0.59%	0.059%
61	18.811	2586	2591	2593	rBV4	3359	5239	0.36%	0.036%
62	18.841	2593	2596	2600	rVB3	5565	6758	0.46%	0.047%
63	18.870	2600	2601	2607	rBV3	3408	4713	0.32%	0.032%
64	19.076	2632	2636	2640	rBV4	3413	5972	0.41%	0.041%
65	19.152	2644	2649	2653	rVB5	3832	7221	0.50%	0.050%
66	19.358	2683	2684	2689	rBV5	3917	5890	0.40%	0.041%
67	19.416	2692	2694	2698	rVB5	5412	5973	0.41%	0.041%
68	19.458	2698	2701	2708	rBV7	6853	13123	0.90%	0.090%
69	19.534	2712	2714	2718	rBV3	2967	3819	0.26%	0.026%
70	19.610	2723	2727	2729	rBV4	2061	3721	0.26%	0.026%
71	19.675	2736	2738	2740	rBV3	4003	3788	0.26%	0.026%

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72	19.710	2740	2744	2751	rVB3	11122	22043	1.51%	0.152%
73	19.816	2757	2762	2774	rBV7	26443	56634	3.88%	0.390%
74	19.951	2782	2785	2792	rBV4	22545	40623	2.78%	0.280%
75	20.004	2792	2794	2797	rVV4	4783	4922	0.34%	0.034%
76	20.080	2801	2807	2816	rVB	980863	1458773	100.00%	10.047%
77	20.215	2829	2830	2833	rBV3	3671	3676	0.25%	0.025%
78	20.562	2884	2889	2893	rVB8	8123	9790	0.67%	0.067%
79	20.627	2899	2900	2903	rBV3	5215	5281	0.36%	0.036%
80	20.938	2949	2953	2957	rBV6	6398	9831	0.67%	0.068%
81	21.003	2960	2964	2969	rBV3	21245	23901	1.64%	0.165%
82	21.073	2969	2976	2982	rVB6	10527	23114	1.58%	0.159%
83	21.385	3023	3029	3038	rVB8	21013	56066	3.84%	0.386%
84	21.602	3064	3066	3072	rBV6	10913	19424	1.33%	0.134%
85	22.037	3131	3140	3149	rBV	527484	947495	64.95%	6.526%
86	22.172	3160	3163	3169	rVB7	6517	11798	0.81%	0.081%
87	22.842	3272	3277	3283	rVB4	14750	24635	1.69%	0.170%
88	23.594	3400	3405	3410	rVB4	21180	36644	2.51%	0.252%
89	23.799	3434	3440	3448	rVB9	13392	30750	2.11%	0.212%
90	24.458	3545	3552	3563	rVB2	44418	106763	7.32%	0.735%
91	25.168	3671	3673	3675	rBV3	3296	3297	0.23%	0.023%
92	25.292	3683	3694	3710	rVB2	449684	1366083	93.65%	9.408%
93	25.539	3718	3736	3751	rBV3	277765	1034756	70.93%	7.127%
94	26.720	3920	3937	3949	rBV4	55063	181852	12.47%	1.252%
95	26.831	3953	3956	3957	rBV2	6208	6696	0.46%	0.046%
96	28.188	4177	4187	4201	rVB3	44626	169889	11.65%	1.170%
97	29.969	4477	4490	4505	rVB4	35561	156818	10.75%	1.080%
98	30.233	4534	4535	4540	rBV5	5761	9428	0.65%	0.065%
99	31.514	4750	4753	4754	rBV2	4954	4734	0.32%	0.033%
100	32.119	4845	4856	4874	rVB6	28154	142154	9.74%	0.979%

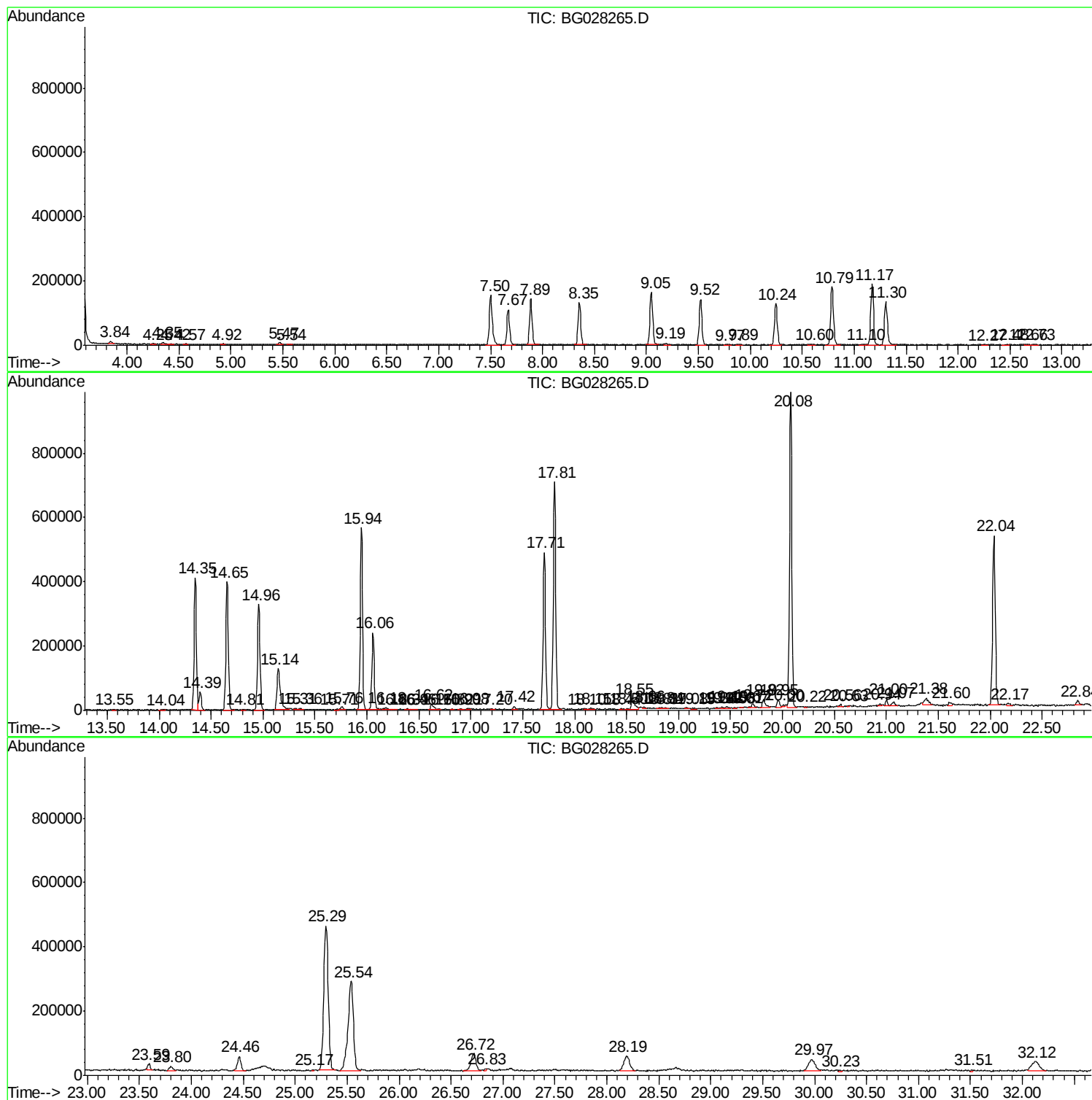
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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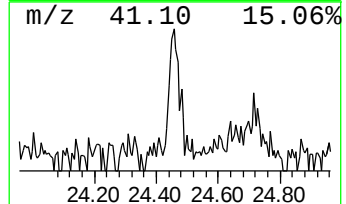
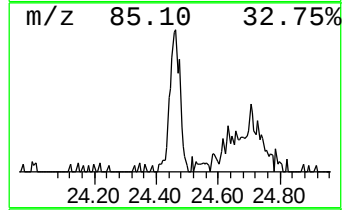
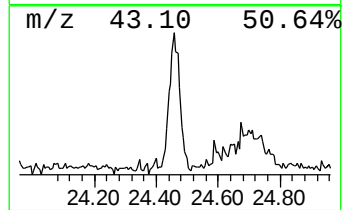
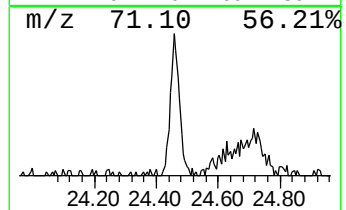
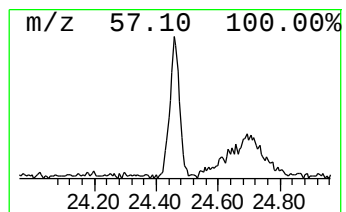
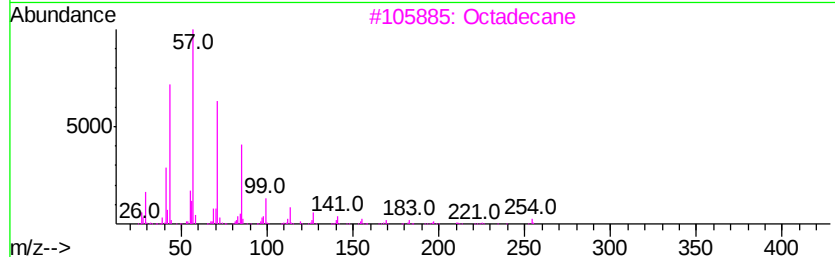
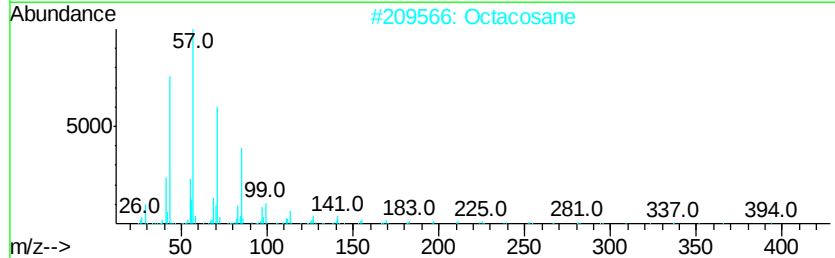
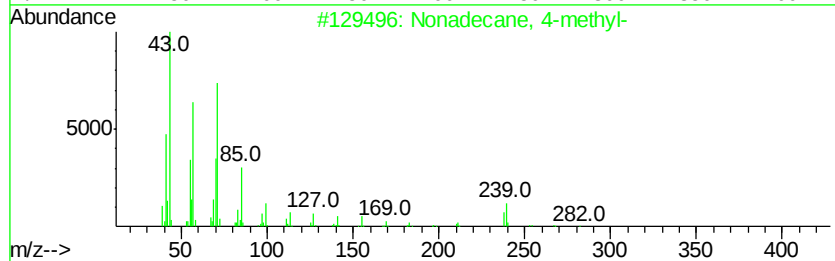
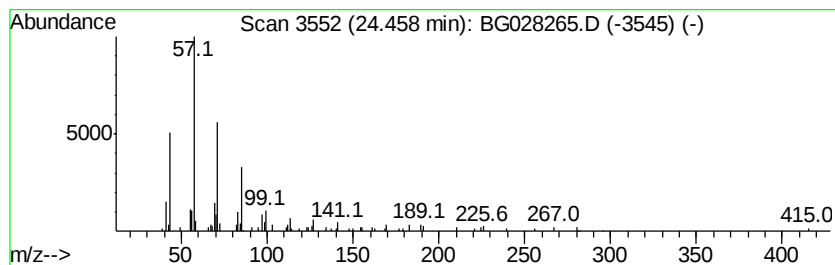
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.46	2.06 ng/ul	106763	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 4-methyl-	282	C20H42	025117-27-5	90
2		Octacosane	394	C28H58	000630-02-4	87
3		Octadecane	254	C18H38	000593-45-3	83
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
5		Tetracosane	338	C24H50	000646-31-1	83



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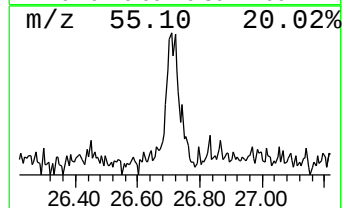
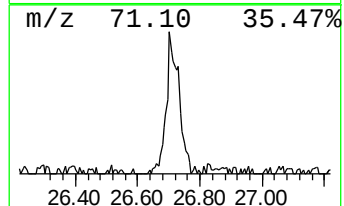
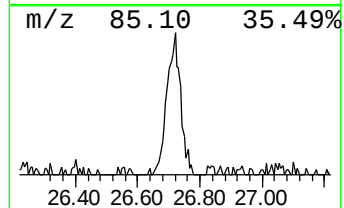
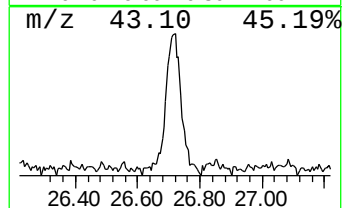
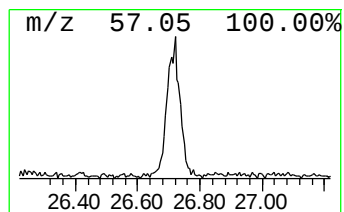
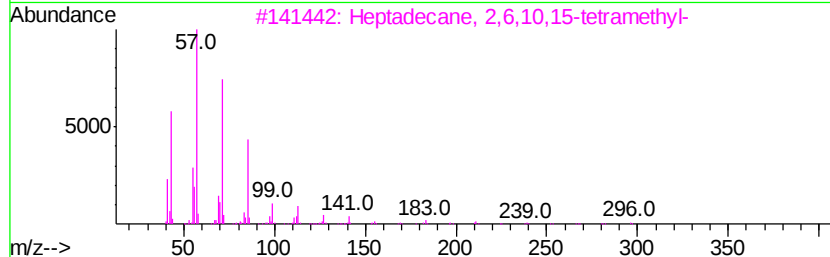
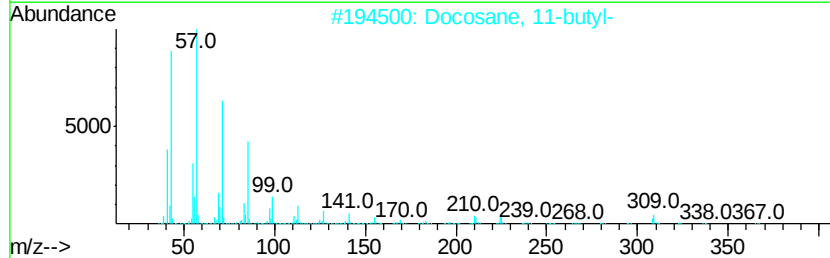
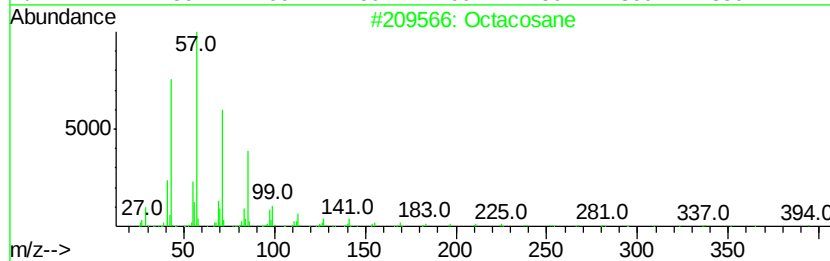
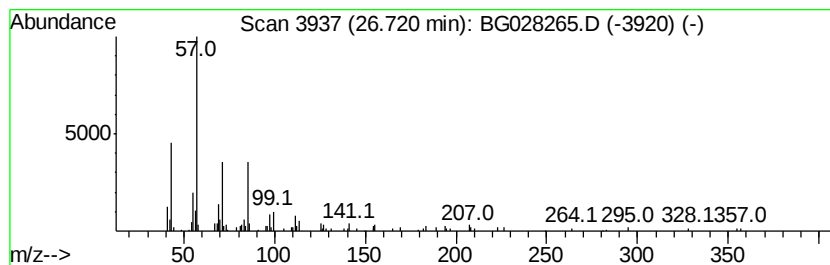
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.72	3.51 ng/ul	181852	Perylene-d12	25.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	62
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	58
3			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	53
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53
5			Tetracosane	338	C24H50	000646-31-1	53



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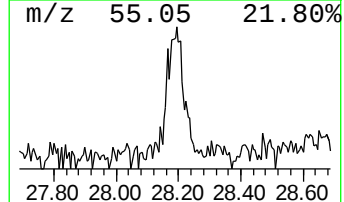
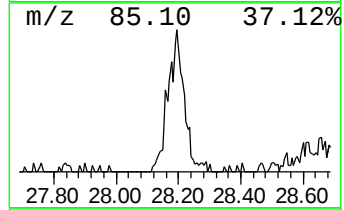
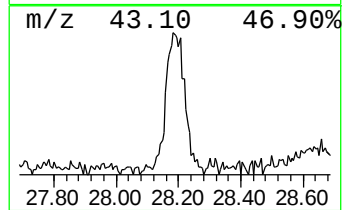
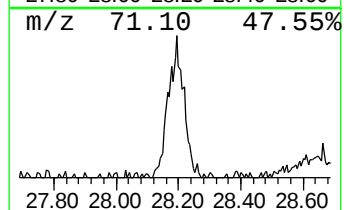
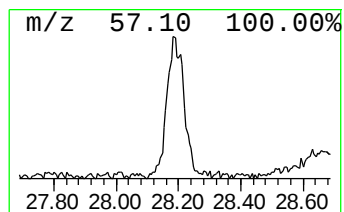
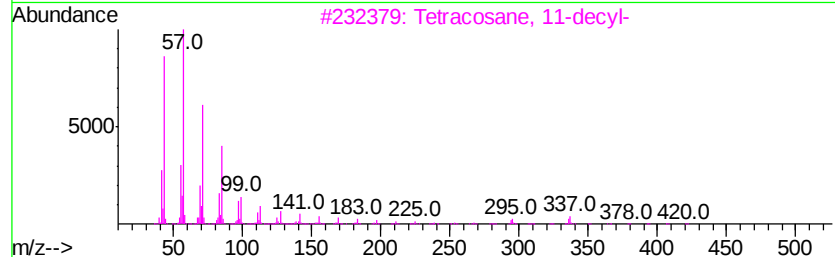
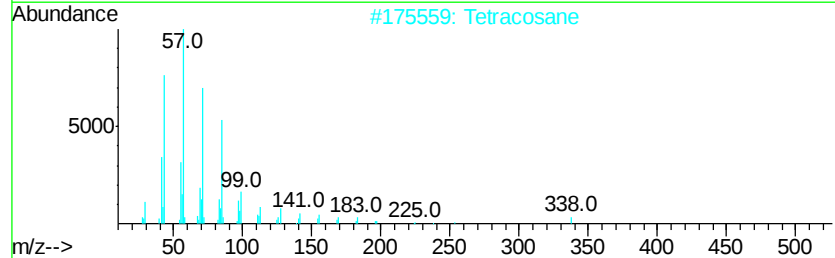
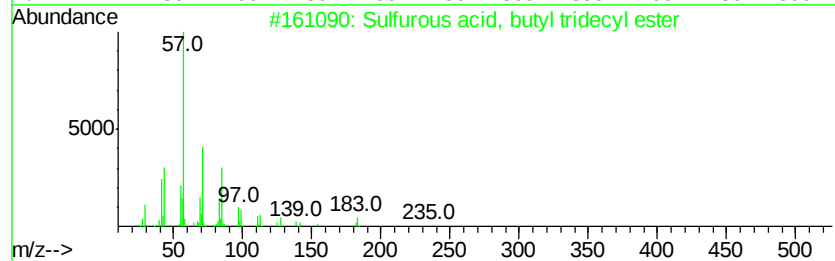
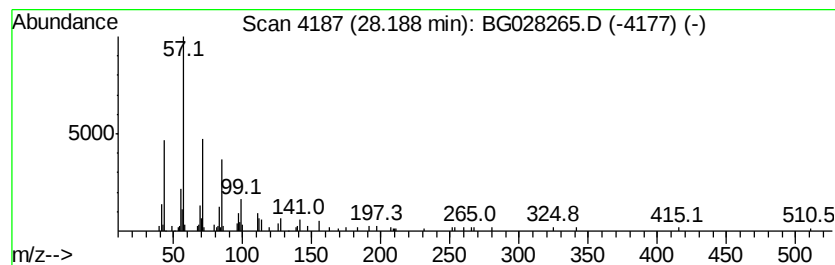
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Peak Number 3 Sulfurous acid, butyl tridecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	3.28 ng/ul	169889	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	78
2		Tetracosane	338	C24H50	000646-31-1	72
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	72
4		Tetratetracontane	619	C44H90	007098-22-8	64
5		Heptacosane	380	C27H56	000593-49-7	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028265.D
Acq On : 10 Aug 2017 19:23
Operator : SJ/JU
Sample : I4529-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

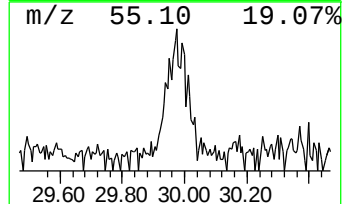
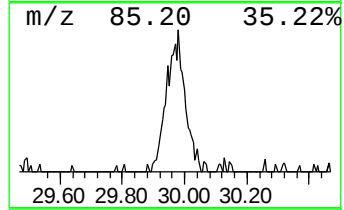
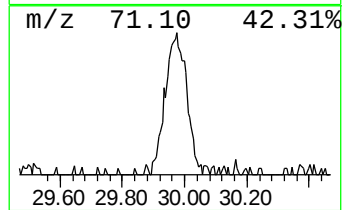
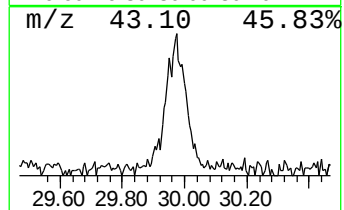
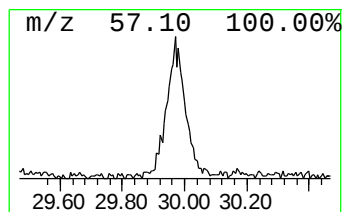
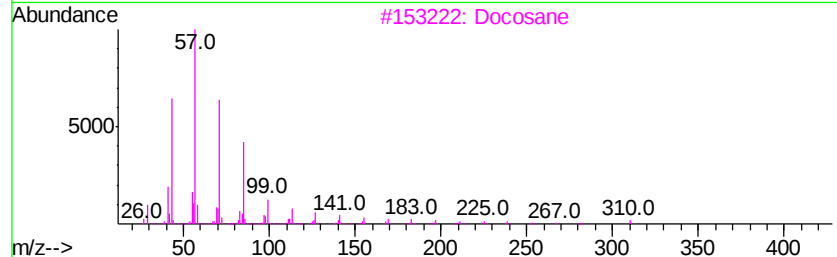
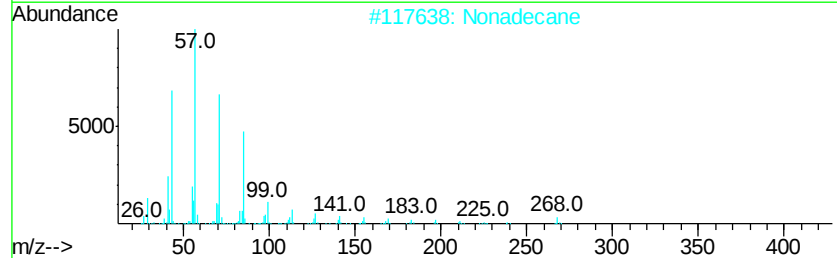
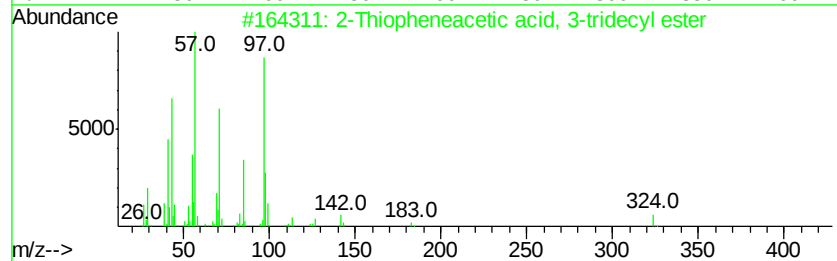
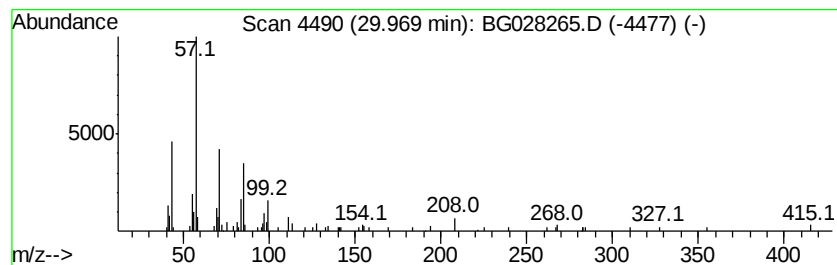
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Thiopheneacetic acid, 3-t... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.97	3.03 ng/ul	156818	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Thiopheneacetic acid, 3-tridec...	324	C19H32O2S	1000280-66-7	64
2		Nonadecane	268	C19H40	000629-92-5	64
3		Docosane	310	C22H46	000629-97-0	62
4		Docosane	310	C22H46	000629-97-0	59
5		10-Methylnonadecane	282	C20H42	056862-62-5	59



Data Path : Z:\HPCHEM1\BNA G\DATA\BG081017\
Data File : BG028265.D
Acq On : 10 Aug 2017 19:23
Operator : SJ/JU
Sample : I4529-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

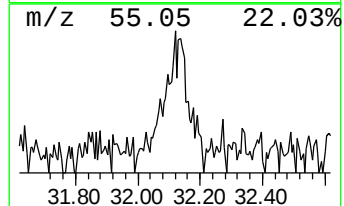
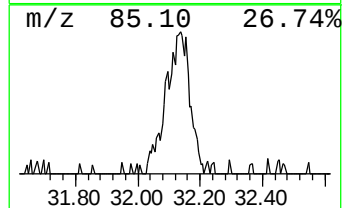
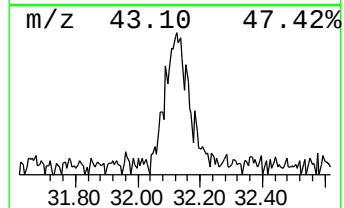
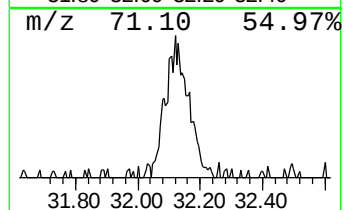
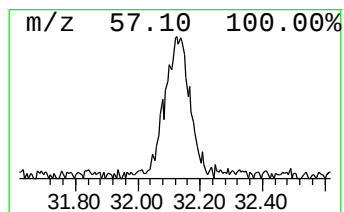
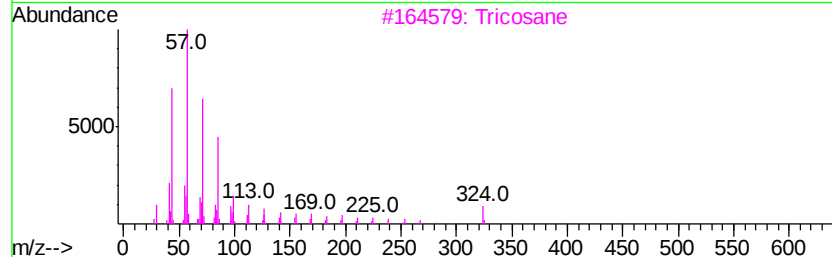
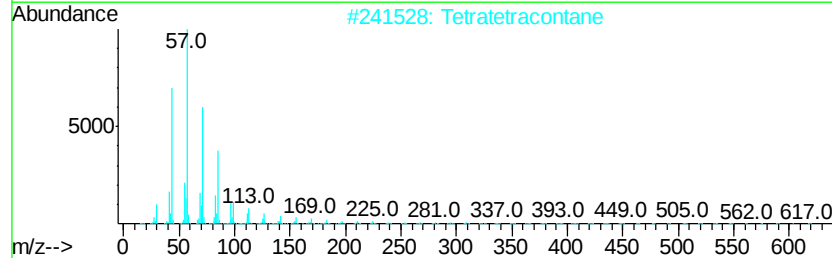
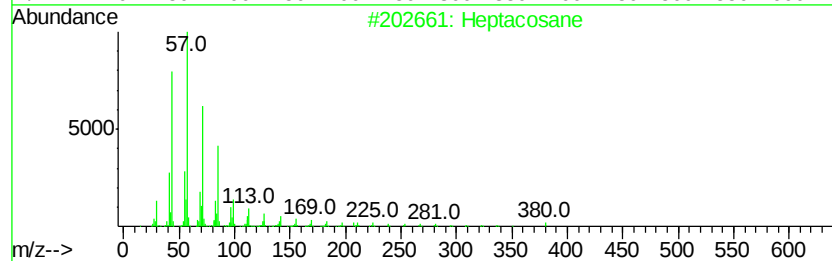
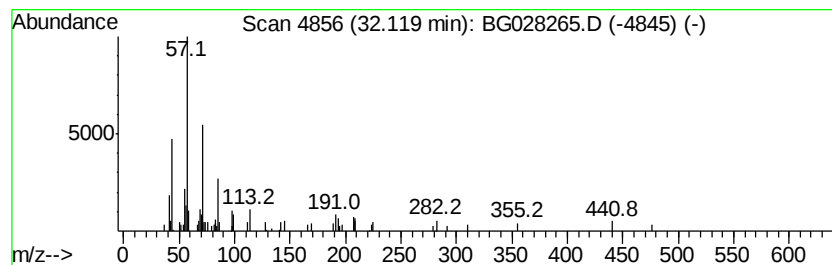
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.12	2.75 ng/ul	142154	Perylene-d12	25.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	64
2		Tetratetracontane	619	C44H90	007098-22-8	64
3		Tricosane	324	C23H48	000638-67-5	59
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	59
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081017\
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Acq On : 10 Aug 2017 19:23
Operator : SJ/JU
Sample : I4529-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AD4

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	24.46	2.1	ng/ul	106763	6	25.54	1034760	20.0
(DEL) Alkane: Str...	26.72	3.5	ng/ul	181852	6	25.54	1034760	20.0
Sulfurous acid, b...	28.19	3.3	ng/ul	169889	6	25.54	1034760	20.0
2-Thiopheneacetic...	29.97	3.0	ng/ul	156818	6	25.54	1034760	20.0
(DEL) Alkane: Str...	32.12	2.8	ng/ul	142154	6	25.54	1034760	20.0