

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
 Data File : BG025395.D
 Acq On : 28 Dec 2016 13:30
 Operator : UM/SJ
 Sample : PB95438BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK38

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\SOM02.2-EPA-BG113016.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	3.125	48	49	54	rBV5	8117	9579	0.39%	0.039%
2	3.442	101	103	107	rVB5	4406	5907	0.24%	0.024%
3	3.559	115	123	128	rVB4	16799	34329	1.40%	0.141%
4	4.276	240	245	250	rVB3	5654	10689	0.44%	0.044%
5	4.329	250	254	258	rBV6	9505	14244	0.58%	0.058%
6	4.435	269	272	275	rBV4	5353	6287	0.26%	0.026%
7	4.564	291	294	296	rBV2	6124	6103	0.25%	0.025%
8	4.858	338	344	346	rBV3	5641	8086	0.33%	0.033%
9	4.923	351	355	360	rBV3	3407	7059	0.29%	0.029%
10	5.169	393	397	401	rBV4	4180	6532	0.27%	0.027%
11	5.210	401	404	406	rVB4	5506	6282	0.26%	0.026%
12	5.275	412	415	420	rVB5	4416	5777	0.24%	0.024%
13	5.416	436	439	444	rVB3	5511	7633	0.31%	0.031%
14	5.481	448	450	453	rBV2	7867	8176	0.33%	0.034%
15	5.839	508	511	518	rBV7	4489	11584	0.47%	0.047%
16	5.927	522	526	529	rVB6	3987	5992	0.24%	0.025%
17	6.015	538	541	544	rBV4	4536	6615	0.27%	0.027%
18	6.215	573	575	581	rVB5	5345	8360	0.34%	0.034%
19	6.403	605	607	610	rBV3	4771	6576	0.27%	0.027%
20	6.991	705	707	710	rVB3	6655	8317	0.34%	0.034%
21	7.038	710	715	717	rBV5	5384	11290	0.46%	0.046%
22	7.367	764	771	785	rBV	279076	549479	22.42%	2.252%
23	7.525	791	798	811	rBV	205537	353413	14.42%	1.449%
24	7.737	826	834	848	rBV2	285824	539169	22.00%	2.210%
25	8.113	893	898	903	rVB5	4448	10587	0.43%	0.043%
26	8.207	907	914	925	rVV	209684	390766	15.94%	1.602%
27	8.618	979	984	987	rBV2	5286	9403	0.38%	0.039%
28	8.918	1024	1035	1052	rBV3	328415	667670	27.24%	2.737%
29	9.388	1107	1115	1128	rBV2	272341	546309	22.29%	2.239%
30	9.482	1130	1131	1137	rBV4	4228	8014	0.33%	0.033%
31	9.617	1148	1154	1156	rBV3	4015	6668	0.27%	0.027%
32	10.116	1232	1239	1248	rBV	263213	521404	21.27%	2.137%
33	10.387	1282	1285	1293	rVB6	4291	9807	0.40%	0.040%
34	10.463	1293	1298	1300	rBV4	4621	8350	0.34%	0.034%

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35	10.516	1306	1307	1315	rVB2	4770	7166	0.29%	0.029%
36	10.663	1323	1332	1346	rBV	320921	687857	28.07%	2.820%
37	11.033	1387	1395	1407	rVV	276631	517200	21.10%	2.120%
38	11.180	1413	1420	1431	rBV2	292375	624767	25.49%	2.561%
39	11.409	1453	1459	1461	rBV5	5749	6566	0.27%	0.027%
40	11.609	1490	1493	1496	rBV3	5037	6263	0.26%	0.026%
41	11.720	1506	1512	1513	rVB3	3773	6332	0.26%	0.026%
42	12.255	1599	1603	1605	rVB3	4170	6468	0.26%	0.027%
43	12.273	1605	1606	1611	rBV2	5360	6565	0.27%	0.027%
44	12.631	1661	1667	1671	rBV5	9636	19891	0.81%	0.082%
45	12.807	1693	1697	1700	rVB4	3712	5754	0.23%	0.024%
46	12.837	1700	1702	1706	rBV3	4916	5799	0.24%	0.024%
47	13.107	1744	1748	1751	rBV2	3642	6731	0.27%	0.028%
48	13.424	1797	1802	1808	rVB3	4309	8292	0.34%	0.034%
49	13.789	1860	1864	1867	rBV4	4109	7656	0.31%	0.031%
50	13.883	1876	1880	1882	rVB3	3935	5968	0.24%	0.024%
51	14.229	1932	1939	1953	rBV	718519	1140867	46.55%	4.677%
52	14.529	1983	1990	2006	rBV	686860	1168601	47.68%	4.790%
53	14.834	2030	2042	2051	rBV	450131	762137	31.10%	3.124%
54	14.923	2056	2057	2063	rBV4	3452	6008	0.25%	0.025%
55	15.064	2073	2081	2098	rBV2	201037	508712	20.76%	2.085%
56	15.545	2159	2163	2165	rBV3	5109	6095	0.25%	0.025%
57	15.634	2174	2178	2186	rVB4	4191	8849	0.36%	0.036%
58	15.704	2186	2190	2192	rVB3	5734	6246	0.25%	0.026%
59	15.728	2192	2194	2199	rBV2	4280	8277	0.34%	0.034%
60	15.822	2199	2210	2219	rBV	1010530	1548203	63.17%	6.346%
61	15.963	2227	2234	2247	rBV2	284723	511020	20.85%	2.095%
62	16.062	2247	2251	2258	rVB4	17441	31619	1.29%	0.130%
63	16.180	2269	2271	2274	rVB2	7943	7698	0.31%	0.032%
64	16.215	2274	2277	2280	rBV4	5711	7863	0.32%	0.032%
65	16.280	2287	2288	2294	rVB3	5726	7639	0.31%	0.031%
66	16.339	2294	2298	2301	rBV3	6600	9306	0.38%	0.038%
67	16.456	2313	2318	2321	rBV5	4589	5974	0.24%	0.024%
68	16.668	2350	2354	2356	rBV3	4522	6253	0.26%	0.026%
69	16.938	2394	2400	2402	rBV4	6711	12255	0.50%	0.050%
70	17.061	2420	2421	2427	rVB4	5027	7014	0.29%	0.029%
71	17.120	2427	2431	2433	rBV3	4978	6200	0.25%	0.025%

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72	17.367	2468	2473	2477	rVB5	4460	8144	0.33%	0.033%
73	17.437	2483	2485	2490	rVV5	7999	12374	0.50%	0.051%
74	17.578	2502	2509	2518	rBV2	665624	1038278	42.36%	4.256%
75	17.678	2519	2526	2540	rVV2	1097682	1744870	71.20%	7.153%
76	17.954	2570	2573	2575	rBV2	5078	5768	0.24%	0.024%
77	18.042	2584	2588	2591	rBV5	3979	6763	0.28%	0.028%
78	18.254	2619	2624	2626	rBV5	5157	8596	0.35%	0.035%
79	18.818	2715	2720	2723	rBV5	7488	11533	0.47%	0.047%
80	18.988	2745	2749	2752	rBV5	5796	8574	0.35%	0.035%
81	19.100	2765	2768	2772	rVB6	4808	8165	0.33%	0.033%
82	19.247	2789	2793	2799	rVB8	6695	8276	0.34%	0.034%
83	19.382	2814	2816	2818	rBV3	4538	6021	0.25%	0.025%
84	19.588	2847	2851	2857	rVB3	20379	33741	1.38%	0.138%
85	19.652	2861	2862	2866	rVB4	5207	5871	0.24%	0.024%
86	19.846	2888	2895	2901	rVB8	19770	51927	2.12%	0.213%
87	19.887	2901	2902	2905	rBV3	12555	12181	0.50%	0.050%
88	19.952	2906	2913	2922	rVV	1573855	2368973	96.66%	9.711%
89	20.205	2952	2956	2961	rBV8	9120	21478	0.88%	0.088%
90	20.381	2985	2986	2989	rBV3	7784	6876	0.28%	0.028%
91	21.873	3233	3240	3254	rBV	824411	1533763	62.58%	6.287%
92	22.614	3362	3366	3371	rVB6	40222	67887	2.77%	0.278%
93	23.336	3483	3489	3495	rVB4	74284	140915	5.75%	0.578%
94	24.165	3624	3630	3641	rVB4	102072	233665	9.53%	0.958%
95	25.040	3768	3779	3791	rBV	829546	2450802	100.00%	10.046%
96	25.152	3791	3798	3808	rVB3	138321	354792	14.48%	1.454%
97	25.281	3809	3820	3834	rVB3	445791	1441221	58.81%	5.908%
98	26.333	3989	3999	4012	rVB5	130588	429648	17.53%	1.761%
99	27.743	4229	4239	4251	rVB5	133617	484381	19.76%	1.986%
100	29.447	4519	4529	4543	rVB5	83775	367163	14.98%	1.505%

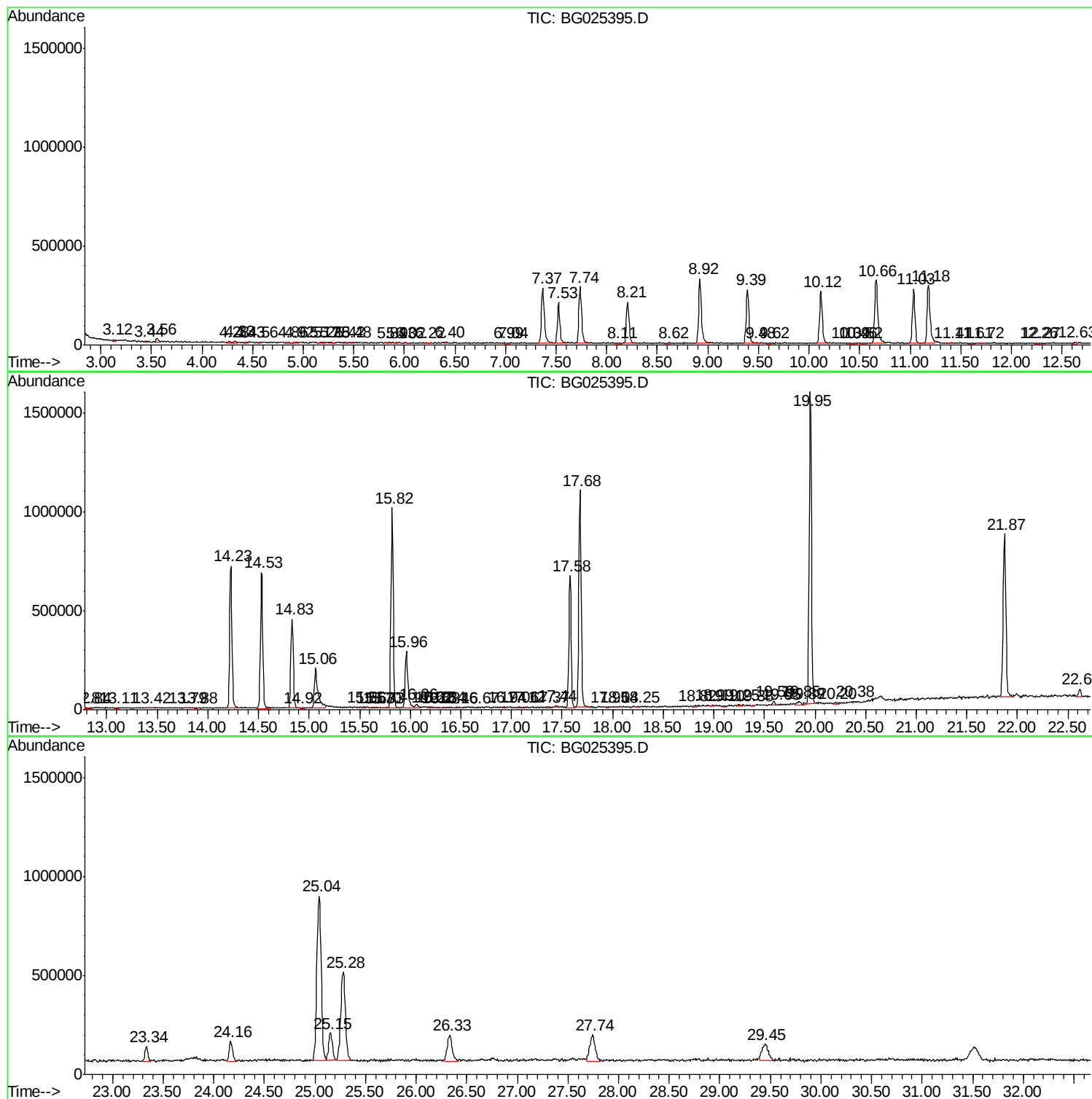
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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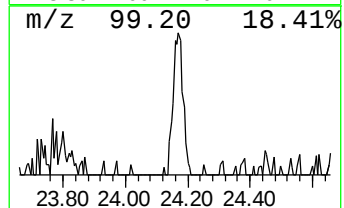
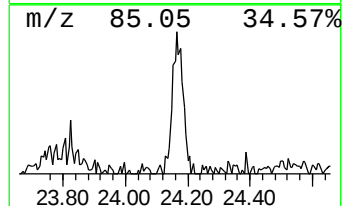
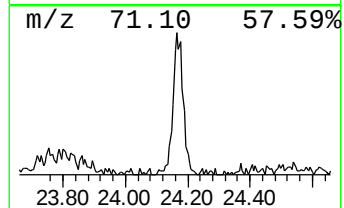
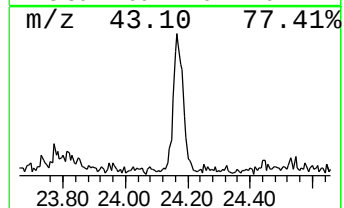
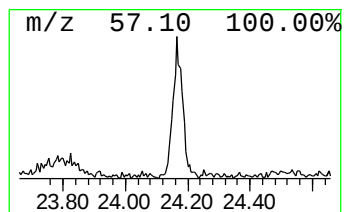
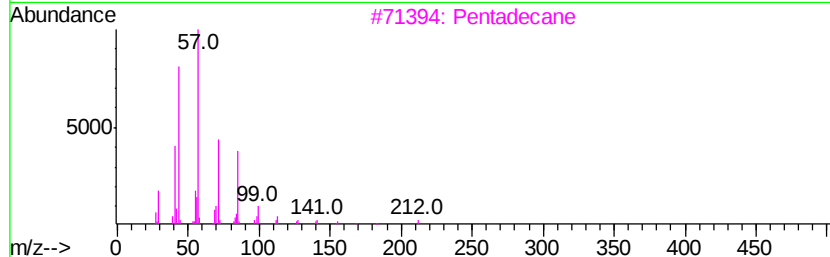
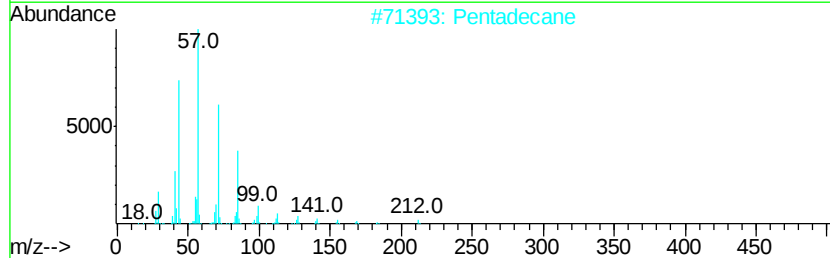
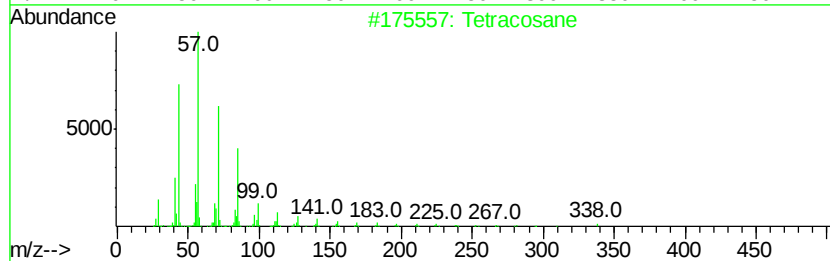
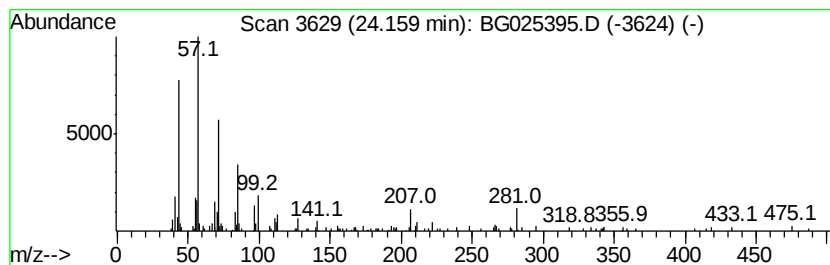
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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.
24.16	3.24 ng/ul	233665	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	93
2		Pentadecane	212	C15H32	000629-62-9	92
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tetradecane	198	C14H30	000629-59-4	70
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	70



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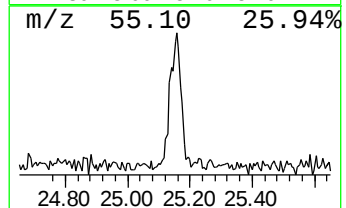
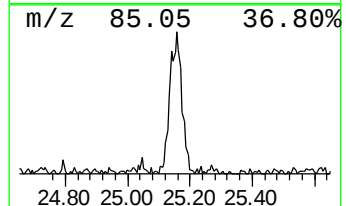
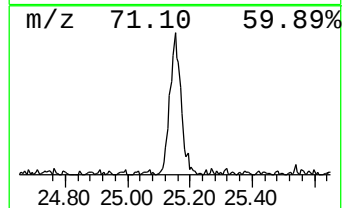
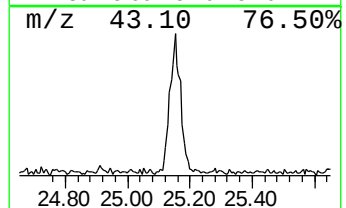
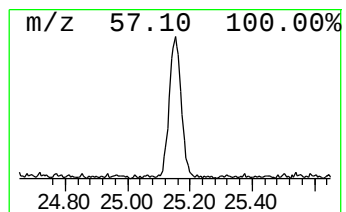
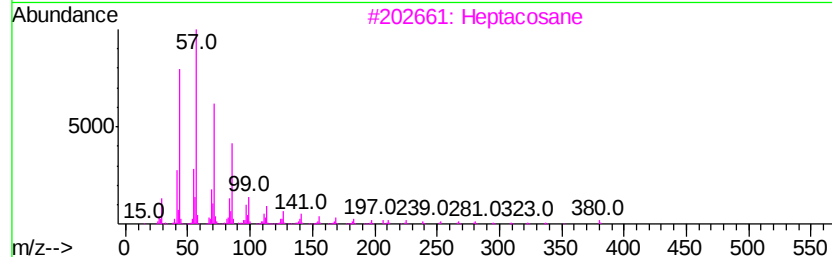
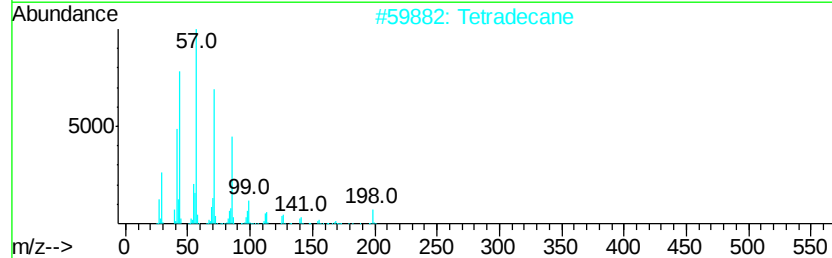
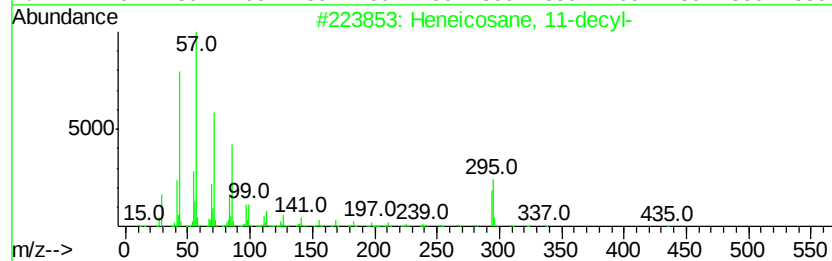
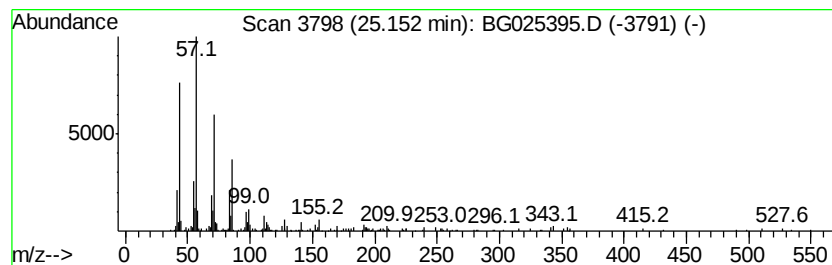
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.15	4.92 ng/ul	354792	Perylene-d12	25.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
2			Tetradecane	198	C14H30	000629-59-4	83
3			Heptacosane	380	C27H56	000593-49-7	81
4			Hexatriacontane	507	C36H74	000630-06-8	74
5			Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74



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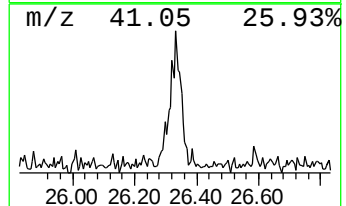
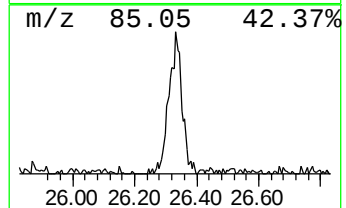
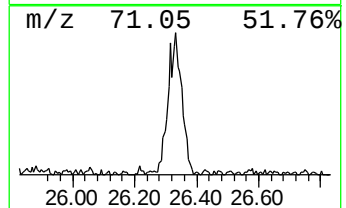
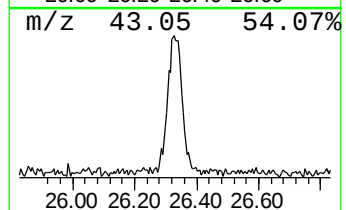
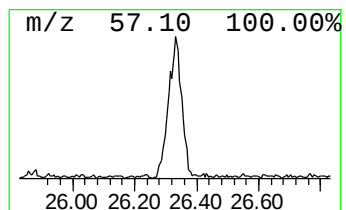
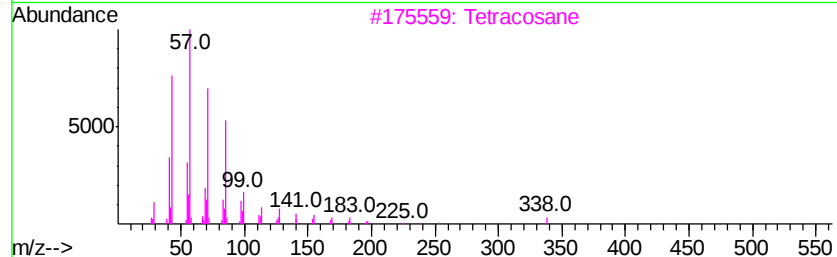
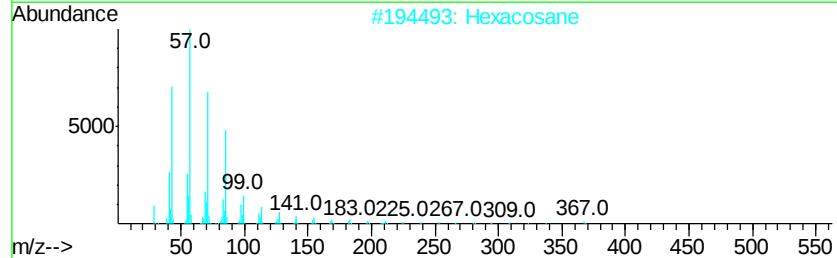
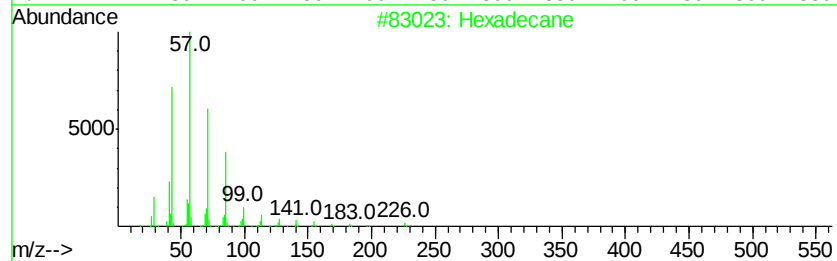
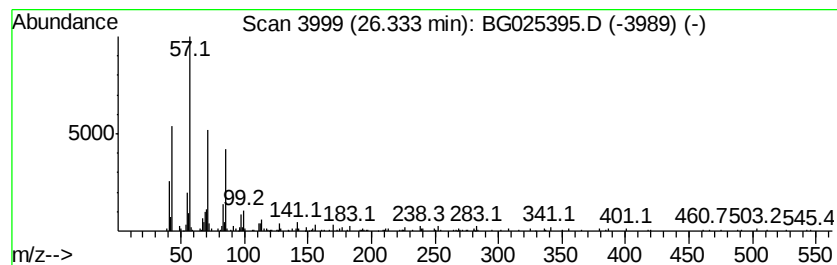
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	5.96 ng/ul	429648	Perylene-d12	25.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Hexacosane	366	C26H54	000630-01-3	74
3		Tetracosane	338	C24H50	000646-31-1	72
4		Nonadecane	268	C19H40	000629-92-5	60
5		Octacosane	394	C28H58	000630-02-4	53



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Acq On : 28 Dec 2016 13:30
Operator : UM/SJ
Sample : PB95438BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK38

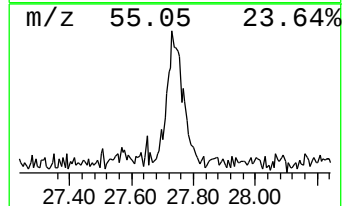
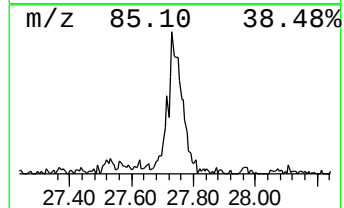
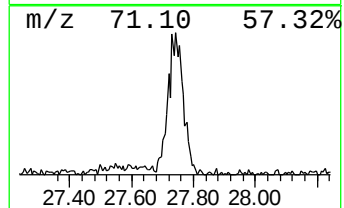
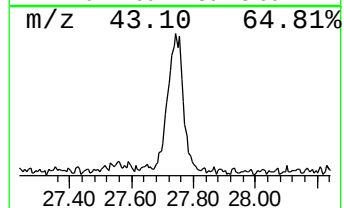
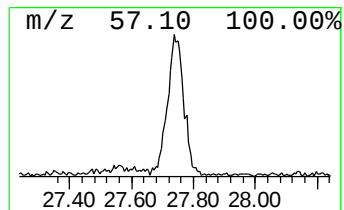
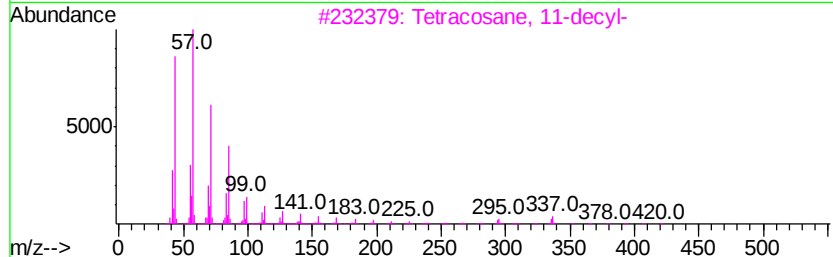
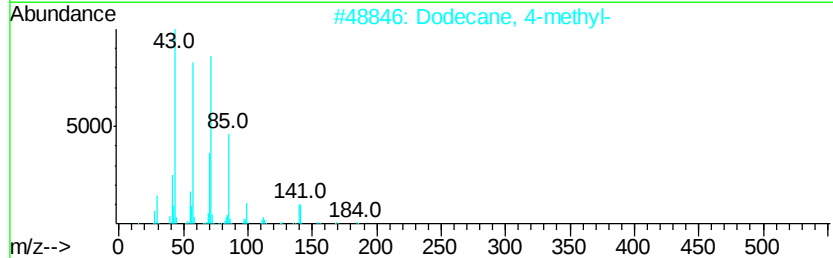
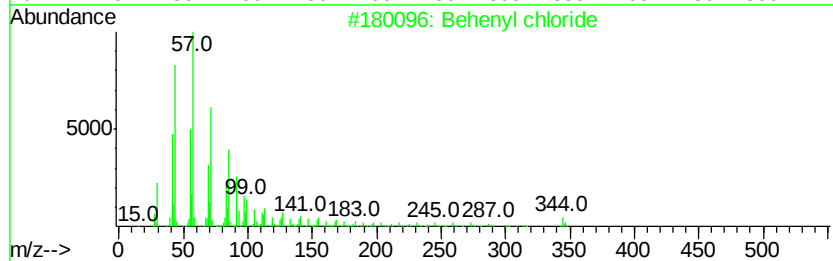
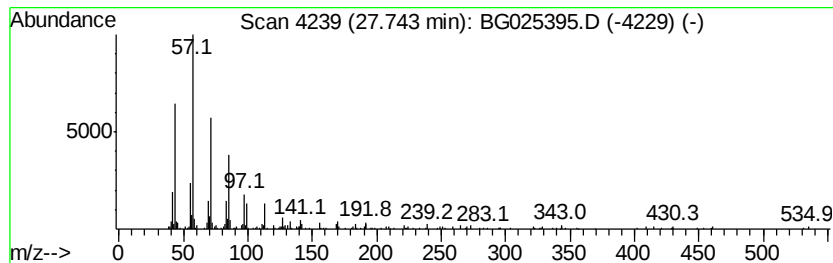
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Behenyl chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	6.72 ng/ul	484381	Perylene-d12	25.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Behenyl chloride	344	C22H45Cl	042217-03-8	89
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
3			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	68
4			Heneicosane	296	C21H44	000629-94-7	68
5			Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122816\
Data File : BG025395.D
Acq On : 28 Dec 2016 13:30
Operator : UM/SJ
Sample : PB95438BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK38

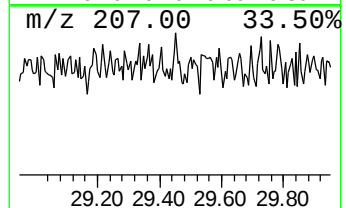
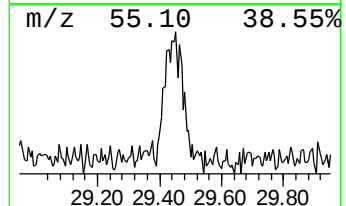
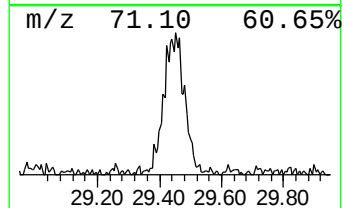
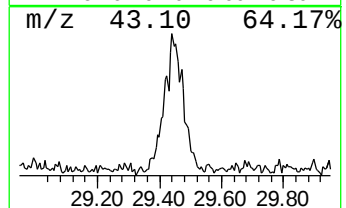
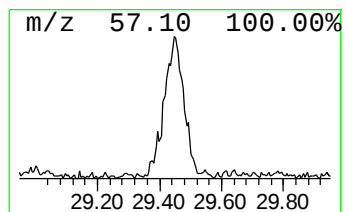
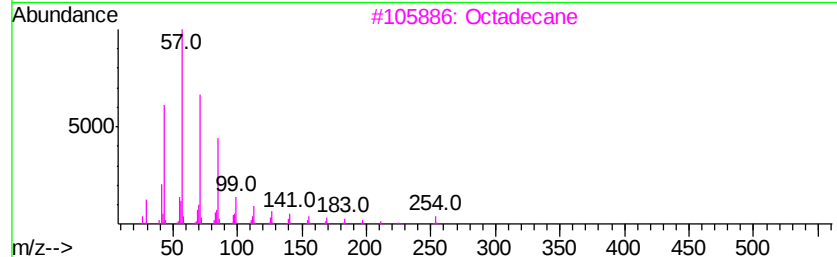
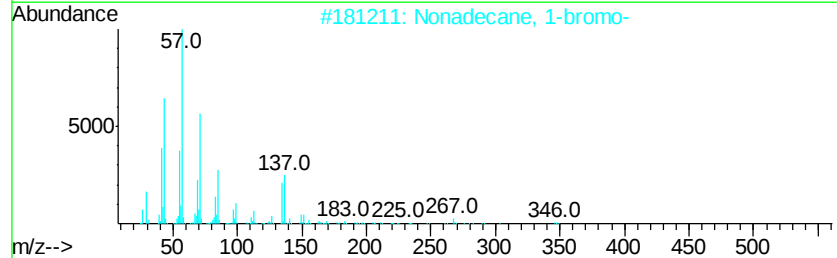
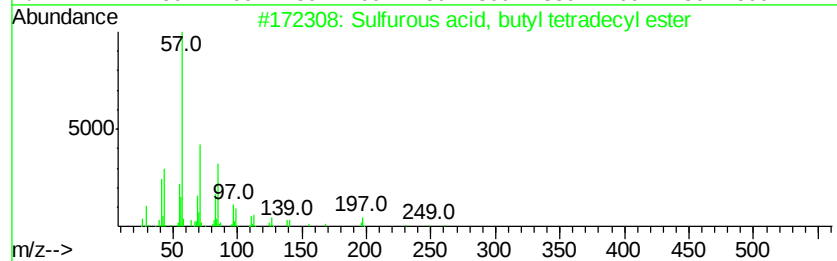
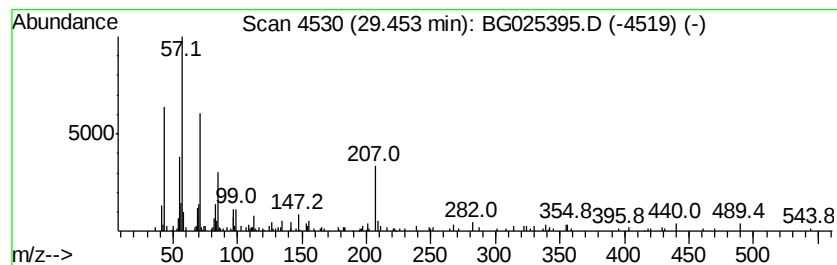
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Sulfurous acid, butyl tetra... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.45	5.10 ng/ul	367163	Perylene-d12	25.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	58
2		Nonadecane, 1-bromo-	346	C19H39Br	004434-66-6	58
3		Octadecane	254	C18H38	000593-45-3	52
4		Eicosane	282	C20H42	000112-95-8	52
5		Behenyl chloride	344	C22H45Cl	042217-03-8	52



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122816\
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Acq On : 28 Dec 2016 13:30
Operator : UM/SJ
Sample : PB95438BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK38

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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...	24.16	3.2	ng/ul	233665	6	25.27	1441220	20.0
(DEL) Alkane: Str...	25.15	4.9	ng/ul	354792	6	25.27	1441220	20.0
(DEL) Alkane: Str...	26.33	6.0	ng/ul	429648	6	25.27	1441220	20.0
Behenyl chloride	27.74	6.7	ng/ul	484381	6	25.27	1441220	20.0
Sulfurous acid, b...	29.45	5.1	ng/ul	367163	6	25.27	1441220	20.0