

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
 Data File : BG025720.D
 Acq On : 31 Jan 2017 17:11
 Operator : SJ/MA
 Sample : PB96573BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK73

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-BG011817.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	3.352	85	87	91	rBV5	7831	8175	0.24%	0.025%
2	3.405	95	96	99	rVB2	9823	7873	0.23%	0.024%
3	3.505	109	113	118	rVB5	24117	39370	1.15%	0.122%
4	3.758	153	156	159	rVB4	5362	6099	0.18%	0.019%
5	3.911	179	182	187	rVB6	5664	7615	0.22%	0.024%
6	4.199	229	231	234	rBV3	6373	6385	0.19%	0.020%
7	4.275	241	244	247	rVB5	6354	6050	0.18%	0.019%
8	4.833	335	339	342	rBV4	5193	7046	0.21%	0.022%
9	4.909	351	352	356	rVB3	7949	5971	0.17%	0.018%
10	4.951	356	359	361	rBV2	6007	6378	0.19%	0.020%
11	5.327	419	423	427	rVB3	4718	8402	0.24%	0.026%
12	5.374	427	431	433	rBV4	5085	6767	0.20%	0.021%
13	5.444	441	443	446	rBV3	6279	7008	0.20%	0.022%
14	5.691	482	485	490	rVB5	4243	7730	0.23%	0.024%
15	5.861	511	514	516	rBV2	5811	5993	0.17%	0.019%
16	6.226	571	576	578	rVB3	3781	6037	0.18%	0.019%
17	6.978	700	704	708	rVB4	6101	8080	0.24%	0.025%
18	7.330	756	764	784	rBV	347919	753494	21.96%	2.330%
19	7.483	784	790	800	rBV	302640	549061	16.00%	1.698%
20	7.700	819	827	837	rBV	386596	721062	21.01%	2.229%
21	8.023	877	882	884	rBV3	3955	6044	0.18%	0.019%
22	8.170	897	907	918	rVB	235588	464851	13.55%	1.437%
23	8.341	933	936	939	rBV3	8084	6978	0.20%	0.022%
24	8.458	951	956	966	rVB4	6664	18997	0.55%	0.059%
25	8.734	1001	1003	1011	rVB6	3870	7395	0.22%	0.023%
26	8.811	1011	1016	1020	rBV3	4498	7157	0.21%	0.022%
27	8.887	1020	1029	1053	rBV2	441019	931954	27.16%	2.882%
28	9.075	1057	1061	1065	rVB5	6001	8514	0.25%	0.026%
29	9.193	1080	1081	1084	rBV2	7226	6204	0.18%	0.019%
30	9.357	1101	1109	1125	rBV	419041	793523	23.13%	2.453%
31	9.563	1142	1144	1149	rVB5	5057	7492	0.22%	0.023%
32	9.951	1208	1210	1215	rVB5	5631	6976	0.20%	0.022%
33	10.080	1223	1232	1245	rBV2	363872	725875	21.15%	2.244%
34	10.203	1251	1253	1255	rVB3	7321	5982	0.17%	0.018%

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35	10.268	1261	1264	1269	rVB4	4172	7128	0.21%	0.022%
36	10.432	1287	1292	1297	rBV4	2962	6452	0.19%	0.020%
37	10.632	1319	1326	1340	rBV	409504	901139	26.26%	2.786%
38	10.996	1379	1388	1399	rBV	375495	677183	19.74%	2.094%
39	11.143	1406	1413	1433	rBV2	396113	968060	28.21%	2.993%
40	11.425	1456	1461	1465	rVB4	5986	9015	0.26%	0.028%
41	11.513	1473	1476	1483	rVB5	5308	8906	0.26%	0.028%
42	11.590	1487	1489	1493	rVB3	5754	6155	0.18%	0.019%
43	11.825	1524	1529	1531	rBV3	4849	6482	0.19%	0.020%
44	11.884	1535	1539	1544	rBV4	3914	6199	0.18%	0.019%
45	12.048	1563	1567	1571	rVB4	4101	6510	0.19%	0.020%
46	12.154	1582	1585	1591	rVB3	6030	9929	0.29%	0.031%
47	12.424	1626	1631	1634	rVB4	4866	7201	0.21%	0.022%
48	12.565	1647	1655	1656	rVB3	4681	8040	0.23%	0.025%
49	12.612	1661	1663	1669	rVB4	10276	11173	0.33%	0.035%
50	12.877	1704	1708	1710	rBV3	4330	6228	0.18%	0.019%
51	12.935	1717	1718	1723	rBV2	4963	7011	0.20%	0.022%
52	13.029	1729	1734	1739	rBV5	5468	12976	0.38%	0.040%
53	13.141	1747	1753	1756	rVB4	3920	6829	0.20%	0.021%
54	13.358	1784	1790	1791	rVB3	4368	5941	0.17%	0.018%
55	13.588	1825	1829	1830	rVB2	5254	6420	0.19%	0.020%
56	13.687	1845	1846	1851	rBV2	4055	5946	0.17%	0.018%
57	14.193	1926	1932	1948	rBV	962037	1581830	46.10%	4.891%
58	14.498	1975	1984	1995	rBV	1022252	1679410	48.94%	5.193%
59	14.798	2024	2035	2045	rBV2	664639	1022586	29.80%	3.162%
60	15.045	2068	2077	2100	rBV3	231399	709005	20.66%	2.192%
61	15.291	2118	2119	2124	rVB4	6590	7022	0.20%	0.022%
62	15.615	2169	2174	2176	rVB4	5320	8415	0.25%	0.026%
63	15.791	2194	2204	2217	rBV	1357541	2213356	64.50%	6.843%
64	15.938	2223	2229	2241	rBV	405919	792279	23.09%	2.450%
65	16.032	2243	2245	2259	rVB8	30368	52257	1.52%	0.162%
66	16.314	2290	2293	2295	rBV3	5576	6255	0.18%	0.019%
67	16.561	2329	2335	2336	rBV3	5289	6948	0.20%	0.021%
68	16.690	2352	2357	2358	rBV3	4553	7030	0.20%	0.022%
69	16.707	2358	2360	2363	rVV3	6108	6826	0.20%	0.021%
70	16.731	2363	2364	2368	rVB4	5127	6865	0.20%	0.021%
71	17.342	2463	2468	2472	rBV6	10680	14314	0.42%	0.044%

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72	17.377	2472	2474	2478	rVV5	5793	5890	0.17%	0.018%
73	17.412	2478	2480	2485	rVB3	5227	7139	0.21%	0.022%
74	17.459	2485	2488	2491	rVB2	6142	9220	0.27%	0.029%
75	17.495	2491	2494	2496	rBV2	5958	7533	0.22%	0.023%
76	17.548	2496	2503	2512	rBV	866744	1330786	38.78%	4.115%
77	17.647	2512	2520	2538	rVV2	1603615	2627975	76.59%	8.125%
78	18.035	2582	2586	2588	rVB4	5224	6178	0.18%	0.019%
79	18.088	2588	2595	2597	rBV4	5773	8931	0.26%	0.028%
80	18.153	2604	2606	2609	rBV3	7492	7244	0.21%	0.022%
81	18.523	2666	2669	2672	rBV3	6115	7246	0.21%	0.022%
82	18.570	2675	2677	2680	rBV3	7447	8244	0.24%	0.025%
83	18.805	2716	2717	2722	rVB4	5402	6430	0.19%	0.020%
84	19.075	2759	2763	2766	rBV5	7302	6616	0.19%	0.020%
85	19.486	2829	2833	2839	rBV9	9381	15601	0.45%	0.048%
86	19.569	2842	2847	2853	rVB4	20692	35856	1.04%	0.111%
87	19.727	2872	2874	2876	rBV3	6940	7390	0.22%	0.023%
88	19.816	2883	2889	2894	rVB3	21126	40616	1.18%	0.126%
89	19.921	2900	2907	2921	rBV	2191600	3401912	99.14%	10.518%
90	20.350	2978	2980	2982	rBV3	11429	12445	0.36%	0.038%
91	21.837	3225	3233	3245	rBV	1044309	1907099	55.58%	5.897%
92	22.571	3353	3358	3364	rVB9	23549	49545	1.44%	0.153%
93	23.276	3472	3478	3484	rBV7	48402	104462	3.04%	0.323%
94	24.099	3613	3618	3625	rVB4	66173	141525	4.12%	0.438%
95	24.980	3756	3768	3779	rBV2	1156700	3431313	100.00%	10.609%
96	25.074	3779	3784	3794	rVB4	110234	272887	7.95%	0.844%
97	25.221	3797	3809	3822	rVB2	542011	1779879	51.87%	5.503%
98	26.232	3972	3981	3991	rBV3	104479	324887	9.47%	1.005%
99	27.630	4210	4219	4232	rVB6	121991	436273	12.71%	1.349%
100	29.316	4495	4506	4524	rVB4	85978	363577	10.60%	1.124%

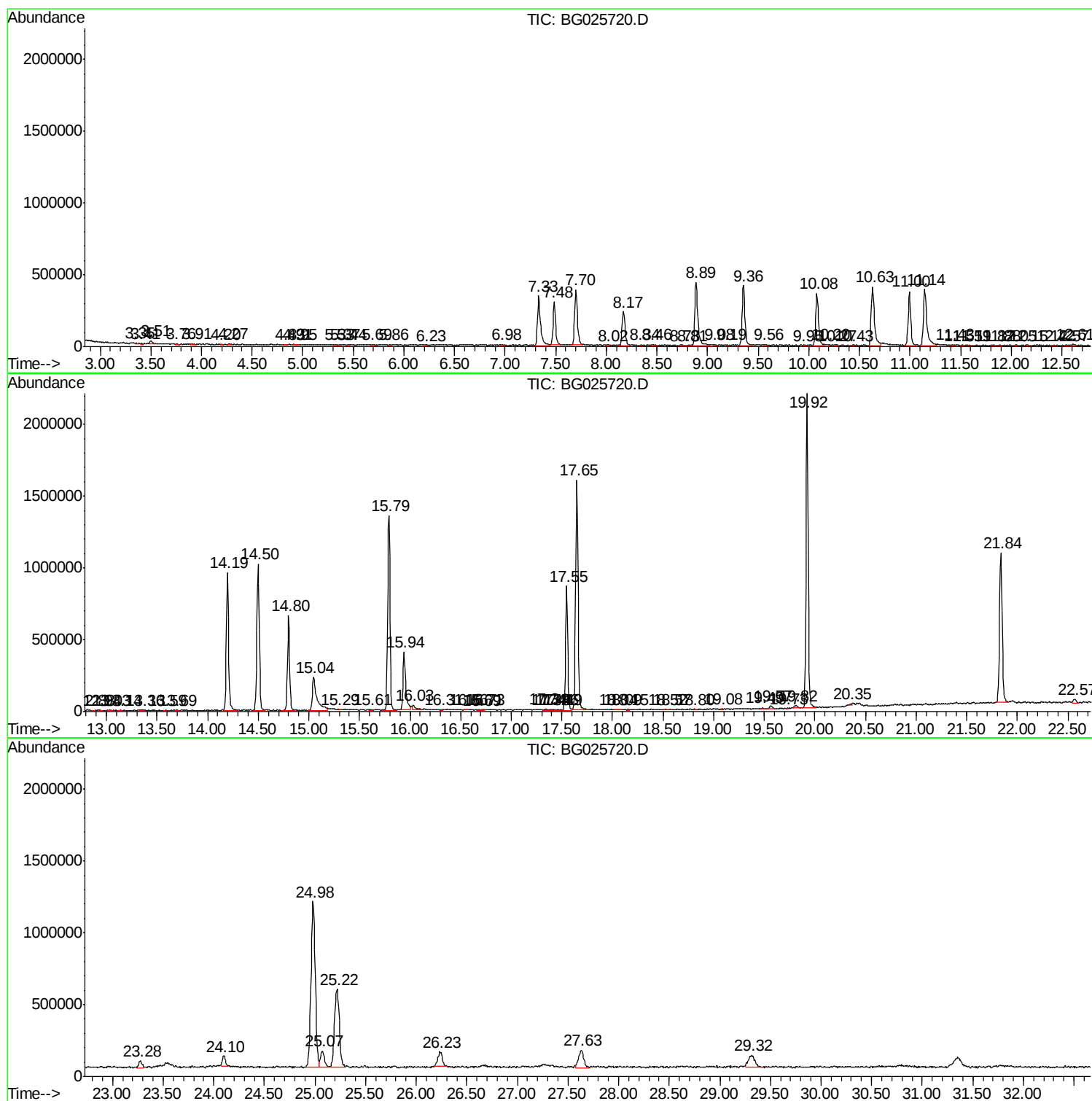
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



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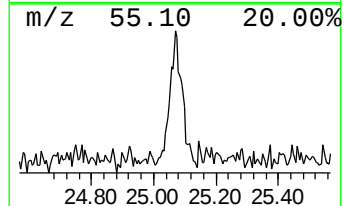
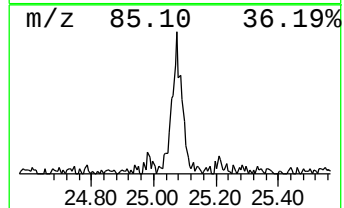
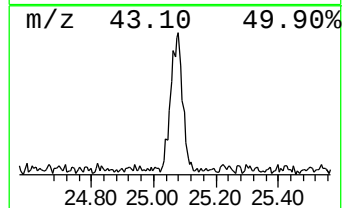
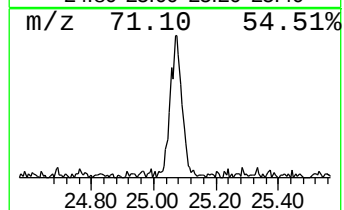
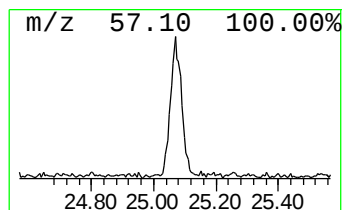
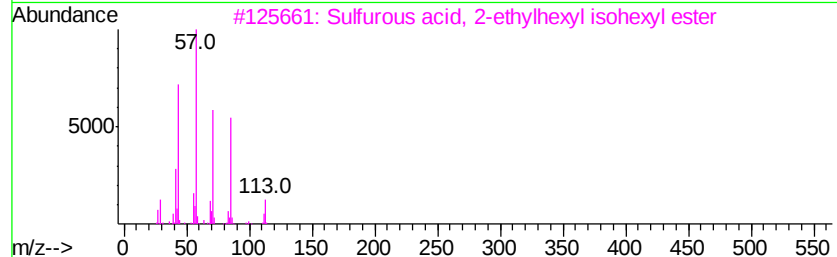
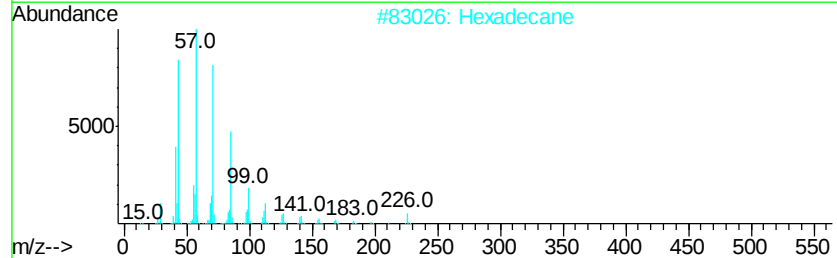
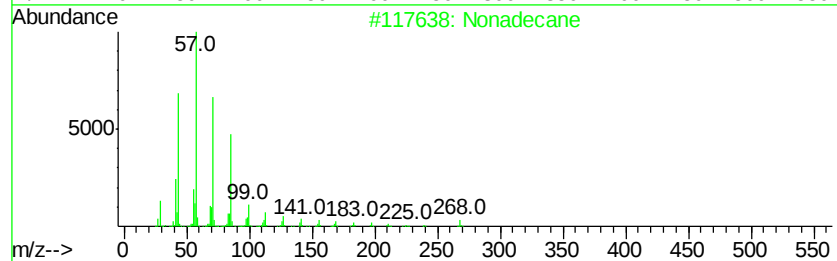
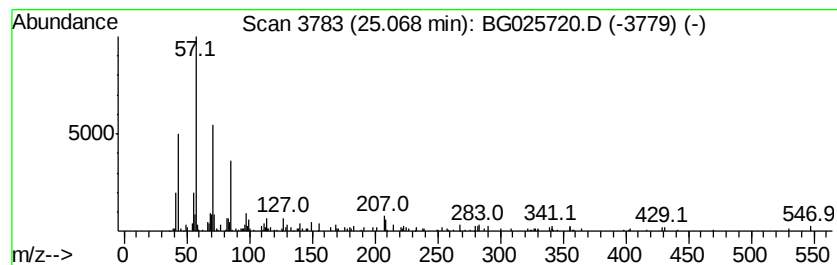
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.07	3.07 ng/ul	272887	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	58
2		Hexadecane	226	C16H34	000544-76-3	50
3		Sulfurous acid, 2-ethvlhexvl iso...	278	C14H30O3S	1000309-19-0	49
4		Pentadecane	212	C15H32	000629-62-9	49
5		Sulfurous acid, hexyl pentyl ester	236	C11H24O3S	1000309-14-1	47



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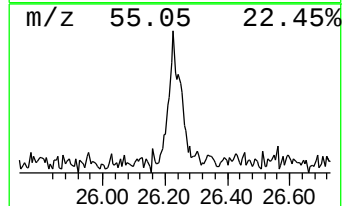
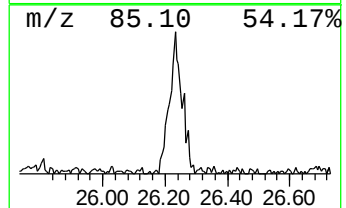
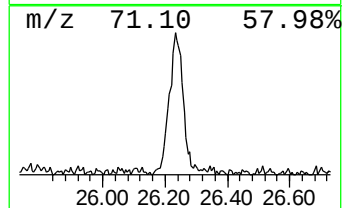
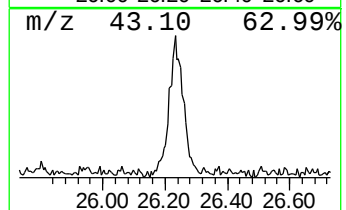
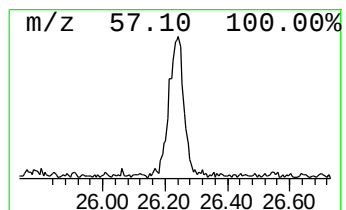
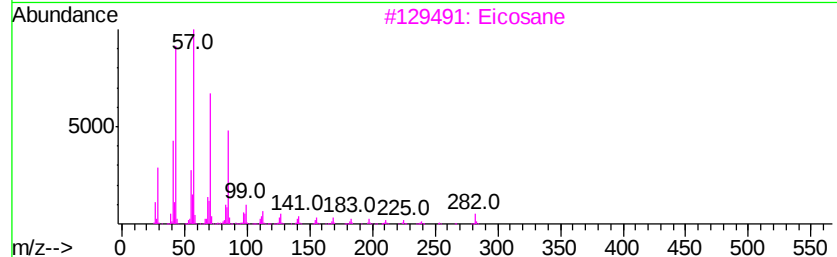
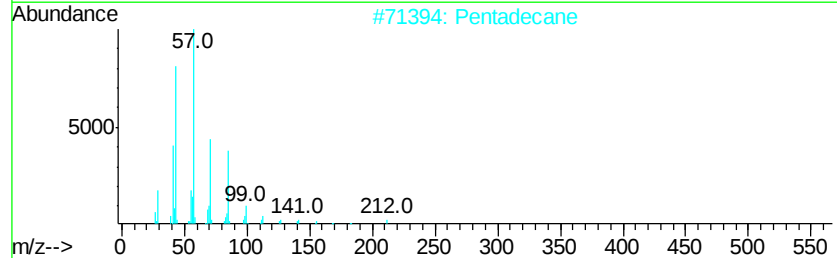
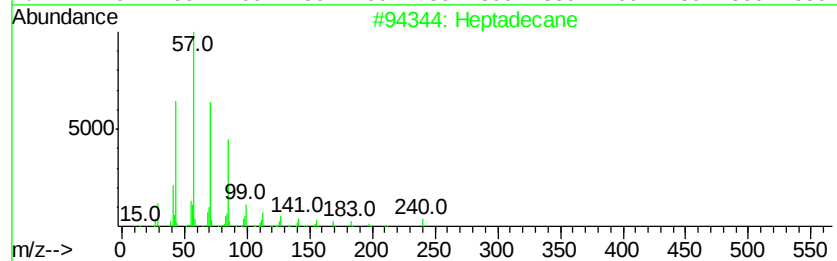
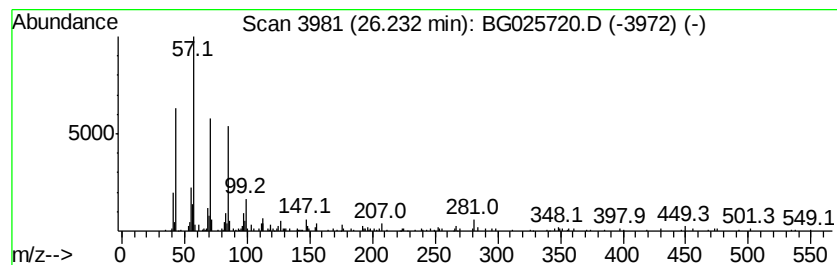
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.23	3.65 ng/ul	324887	Perylene-d12	25.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	74
2			Pentadecane	212	C15H32	000629-62-9	72
3			Eicosane	282	C20H42	000112-95-8	72
4			Nonadecane	268	C19H40	000629-92-5	72
5			Octacosane	394	C28H58	000630-02-4	53



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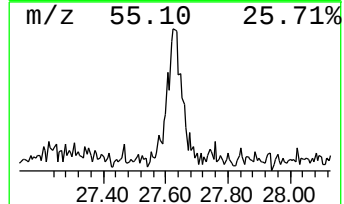
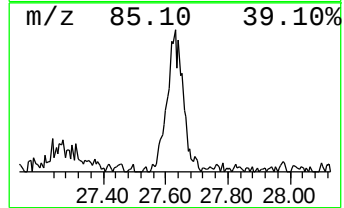
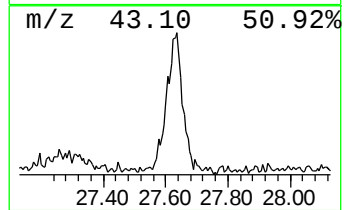
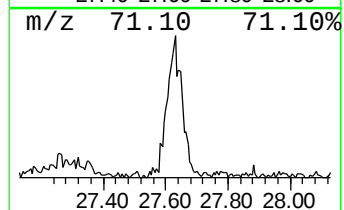
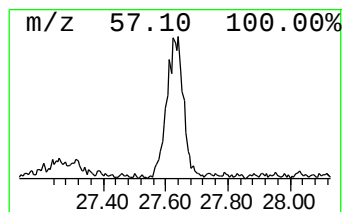
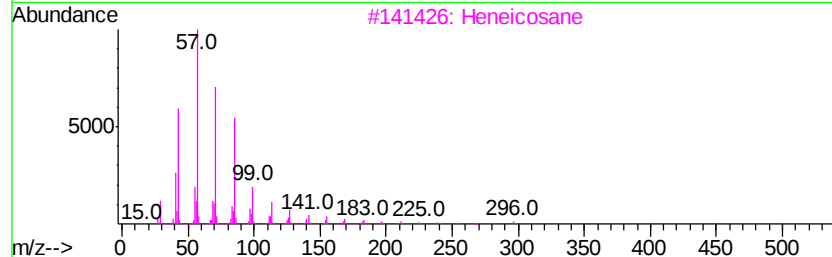
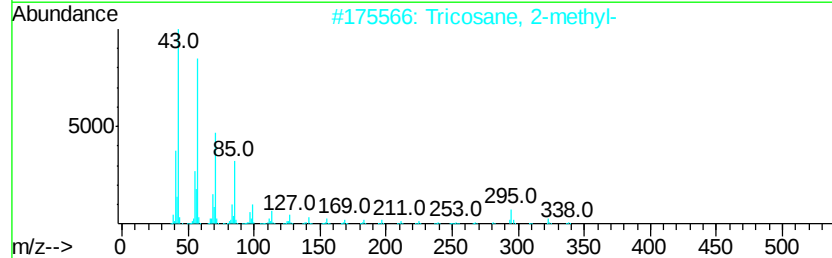
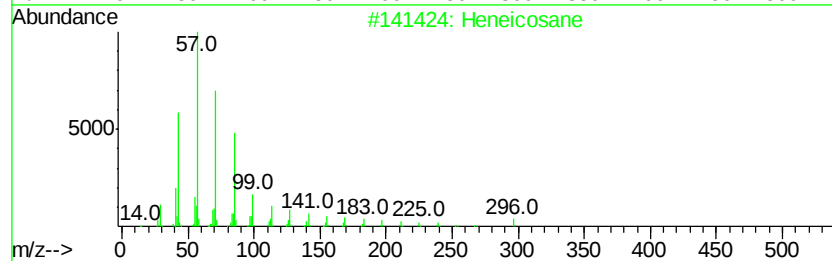
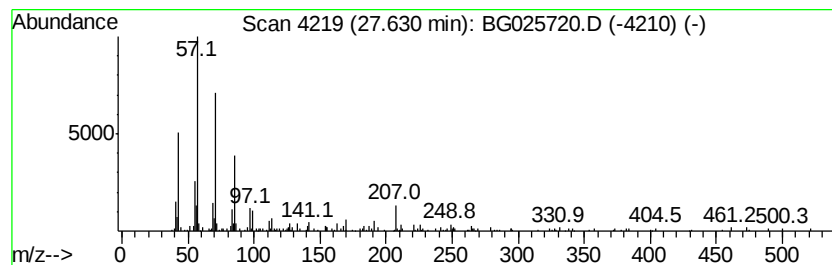
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.63	4.90 ng/ul	436273	Perylene-d12	25.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	76
2		Tricosane, 2-methyl-	338	C24H50	001928-30-9	76
3		Heneicosane	296	C21H44	000629-94-7	76
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	76
5		Tetracosane	338	C24H50	000646-31-1	76



Data Path : Z:\HPCHEM1\BNA G\DATA\BG013117\
Data File : BG025720.D
Acq On : 31 Jan 2017 17:11
Operator : SJ/MA
Sample : PB96573BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK73

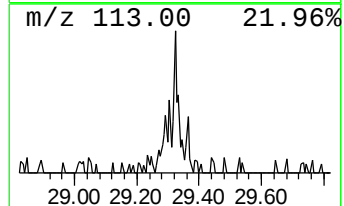
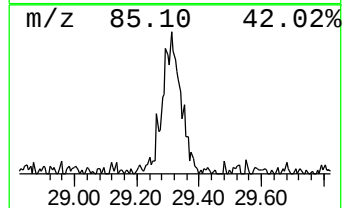
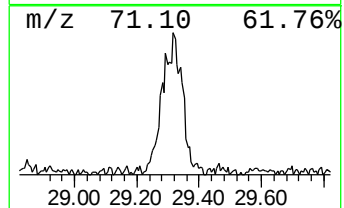
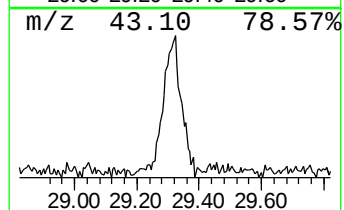
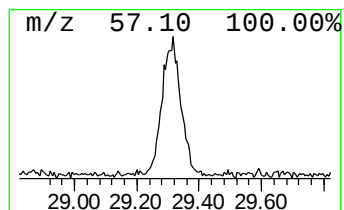
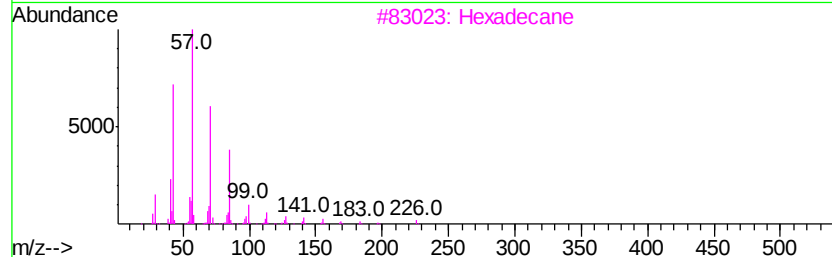
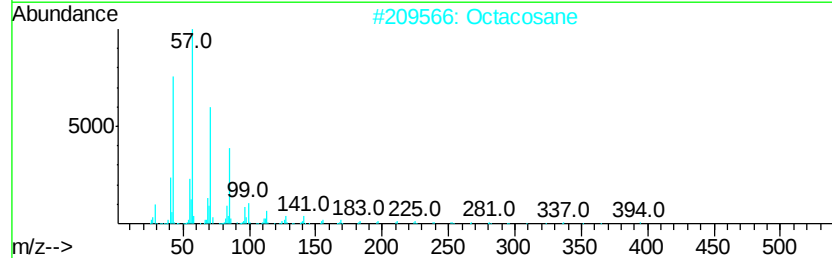
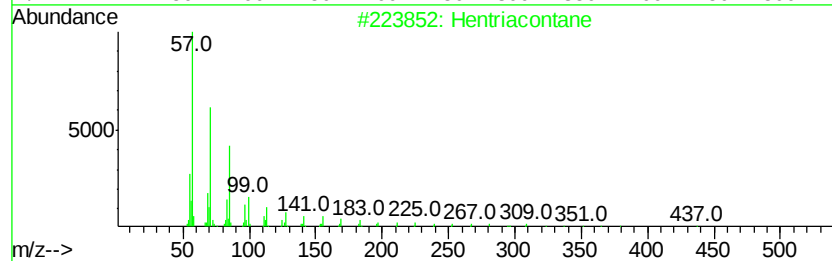
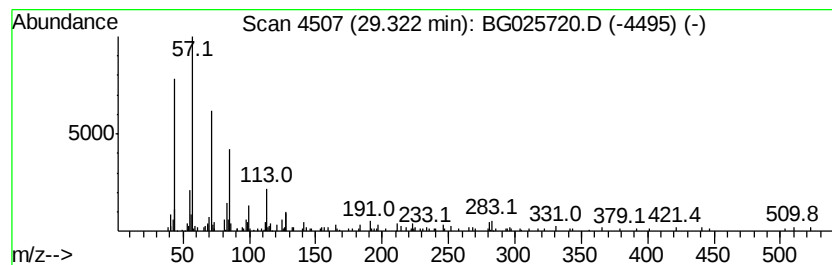
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.32	4.09 ng/ul	363577	Perylene-d12	25.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hentriacontane	437	C31H64	000630-04-6	68
2			Octacosane	394	C28H58	000630-02-4	68
3			Hexadecane	226	C16H34	000544-76-3	64
4			Heneicosane	296	C21H44	000629-94-7	64
5			10-Methylnonadecane	282	C20H42	056862-62-5	64



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ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK73

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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...	25.07	3.1	ng/ul	272887	6	25.22	1779880	20.0
(DEL) Alkane: Str...	26.23	3.6	ng/ul	324887	6	25.22	1779880	20.0
(DEL) Alkane: Str...	27.63	4.9	ng/ul	436273	6	25.22	1779880	20.0
(DEL) Alkane: Str...	29.32	4.1	ng/ul	363577	6	25.22	1779880	20.0