

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
 Data File : BG025182.D
 Acq On : 14 Dec 2016 19:01
 Operator : UM/SJ
 Sample : H5970-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA860

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	3.602	123	130	139	rBV	196985	297295	14.28%	1.069%
2	3.743	153	154	160	rBV5	7358	9797	0.47%	0.035%
3	4.354	252	258	261	rBV5	12353	20401	0.98%	0.073%
4	4.724	320	321	326	rVB5	7173	6150	0.30%	0.022%
5	4.877	345	347	351	rVB4	5726	7325	0.35%	0.026%
6	4.906	351	352	355	rBV	5432	5952	0.29%	0.021%
7	5.024	368	372	377	rVB5	4359	8714	0.42%	0.031%
8	5.294	405	418	426	rBV3	13579	32165	1.54%	0.116%
9	5.365	427	430	434	rVB5	3932	6407	0.31%	0.023%
10	5.429	438	441	446	rVB4	4237	6228	0.30%	0.022%
11	5.588	464	468	471	rVB4	4558	5544	0.27%	0.020%
12	5.682	478	484	487	rBV7	4007	6412	0.31%	0.023%
13	5.870	514	516	522	rVV4	3016	5428	0.26%	0.020%
14	5.952	528	530	535	rVB6	6296	7427	0.36%	0.027%
15	6.275	580	585	589	rVB4	4954	9121	0.44%	0.033%
16	6.334	594	595	601	rVB3	3715	6600	0.32%	0.024%
17	6.405	605	607	610	rBV2	5158	6529	0.31%	0.023%
18	6.440	610	613	617	rVB4	7464	8089	0.39%	0.029%
19	6.834	679	680	688	rVB4	3868	8202	0.39%	0.029%
20	6.933	693	697	699	rBV3	3660	5375	0.26%	0.019%
21	7.198	736	742	747	rVB7	4513	9921	0.48%	0.036%
22	7.386	766	774	788	rBV2	288262	587763	28.23%	2.113%
23	7.550	795	802	812	rBV	188819	342707	16.46%	1.232%
24	7.762	830	838	850	rBV	260823	489957	23.53%	1.761%
25	8.126	899	900	905	rVV3	3938	5993	0.29%	0.022%
26	8.238	911	919	922	rBV	295336	522144	25.08%	1.877%
27	8.414	947	949	951	rBV3	6588	7653	0.37%	0.028%
28	8.872	1024	1027	1031	rBV6	6894	7764	0.37%	0.028%
29	8.937	1031	1038	1055	rBV	341848	675115	32.43%	2.427%
30	9.060	1056	1059	1066	rVV7	6674	14407	0.69%	0.052%
31	9.413	1110	1119	1128	rBV2	286685	533282	25.61%	1.917%
32	9.736	1167	1174	1178	rBV7	8320	17468	0.84%	0.063%
33	9.777	1178	1181	1190	rVB5	6257	13338	0.64%	0.048%
34	9.854	1192	1194	1200	rBV4	5910	12259	0.59%	0.044%

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35	9.912	1200	1204	1207	rVB4	6021	7953	0.38%	0.029%
36	10.136	1233	1242	1254	rBV2	272440	536272	25.76%	1.928%
37	10.218	1254	1256	1262	rBV5	4400	7800	0.37%	0.028%
38	10.682	1326	1335	1348	rBV	378026	721927	34.68%	2.595%
39	10.841	1359	1362	1368	rVB7	4441	7167	0.34%	0.026%
40	10.899	1371	1372	1376	rBV4	5108	5667	0.27%	0.020%
41	11.064	1390	1400	1413	rBV	443701	895685	43.02%	3.220%
42	11.199	1415	1423	1434	rBV2	287571	553734	26.60%	1.991%
43	11.663	1497	1502	1504	rBV2	4329	7048	0.34%	0.025%
44	11.716	1506	1511	1513	rBV3	4784	7934	0.38%	0.029%
45	11.757	1515	1518	1523	rVB5	4547	6390	0.31%	0.023%
46	11.875	1535	1538	1545	rVB9	5781	12321	0.59%	0.044%
47	11.957	1545	1552	1557	rBV7	6189	11482	0.55%	0.041%
48	12.116	1577	1579	1583	rVB5	5956	9014	0.43%	0.032%
49	12.210	1589	1595	1596	rBV5	6221	9106	0.44%	0.033%
50	12.309	1605	1612	1614	rBV6	6848	11122	0.53%	0.040%
51	12.421	1627	1631	1635	rVV6	5793	9167	0.44%	0.033%
52	12.633	1662	1667	1673	rVB7	9533	19525	0.94%	0.070%
53	12.727	1675	1683	1689	rBV10	15540	38336	1.84%	0.138%
54	13.044	1734	1737	1743	rBV7	6131	13244	0.64%	0.048%
55	13.232	1763	1769	1776	rVB9	21488	41430	1.99%	0.149%
56	13.291	1776	1779	1782	rBV5	7953	6997	0.34%	0.025%
57	13.443	1800	1805	1813	rVB8	10945	24269	1.17%	0.087%
58	13.532	1816	1820	1822	rBV5	6763	10086	0.48%	0.036%
59	13.637	1831	1838	1843	rVB8	12420	27823	1.34%	0.100%
60	14.043	1898	1907	1917	rBV3	59509	152586	7.33%	0.549%
61	14.172	1924	1929	1932	rBV5	13899	26997	1.30%	0.097%
62	14.248	1936	1942	1946	rBV	790969	1189724	57.14%	4.277%
63	14.295	1946	1950	1963	rVB	355295	514551	24.71%	1.850%
64	14.483	1978	1982	1985	rVB6	9692	15206	0.73%	0.055%
65	14.554	1988	1994	2005	rVB	779273	1281052	61.53%	4.605%
66	14.671	2010	2014	2016	rBV4	18251	26101	1.25%	0.094%
67	14.854	2034	2045	2053	rBV	775579	1347030	64.70%	4.843%
68	14.977	2065	2066	2072	rVB6	11315	17593	0.85%	0.063%
69	15.059	2073	2080	2093	rBV3	308096	631741	30.34%	2.271%
70	15.224	2103	2108	2114	rBV8	15391	35440	1.70%	0.127%
71	15.318	2120	2124	2128	rBV5	12473	20161	0.97%	0.072%

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72	15.459	2144	2148	2155	rBV10	17183	38586	1.85%	0.139%
73	15.523	2155	2159	2161	rVB5	8182	13056	0.63%	0.047%
74	15.600	2169	2172	2175	rBV4	21976	35598	1.71%	0.128%
75	15.647	2176	2180	2188	rVB3	42323	70078	3.37%	0.252%
76	15.776	2197	2202	2205	rBV6	14301	23517	1.13%	0.085%
77	15.847	2207	2214	2225	rVB	1054198	1687524	81.06%	6.067%
78	15.970	2229	2235	2241	rBV	379743	572679	27.51%	2.059%
79	16.440	2312	2315	2321	rVB8	12094	23137	1.11%	0.083%
80	16.505	2321	2326	2336	rBV3	51364	134189	6.45%	0.482%
81	16.951	2399	2402	2409	rVB9	16697	25435	1.22%	0.091%
82	17.233	2442	2450	2456	rVV9	20777	50887	2.44%	0.183%
83	17.292	2456	2460	2464	rVB3	42363	51209	2.46%	0.184%
84	17.392	2474	2477	2481	rVB6	13518	17247	0.83%	0.062%
85	17.597	2505	2512	2522	rBV2	986883	1579565	75.87%	5.679%
86	17.697	2522	2529	2537	rVV	1118796	1801191	86.52%	6.475%
87	18.032	2583	2586	2595	rVB3	40330	55824	2.68%	0.201%
88	18.438	2650	2655	2664	rBV4	104280	173213	8.32%	0.623%
89	18.714	2699	2702	2707	rVB7	20301	32290	1.55%	0.116%
90	19.301	2796	2802	2818	rBV7	75031	190599	9.15%	0.685%
91	19.507	2833	2837	2844	rVB2	38268	56573	2.72%	0.203%
92	19.695	2866	2869	2875	rBV6	36828	45531	2.19%	0.164%
93	19.971	2909	2916	2926	rBV	1383482	2081940	100.00%	7.485%
94	20.435	2993	2995	3000	rVB6	32788	34438	1.65%	0.124%
95	21.469	3166	3171	3184	rVB6	81581	199633	9.59%	0.718%
96	21.722	3208	3214	3222	rVB	471938	669272	32.15%	2.406%
97	21.892	3236	3243	3254	rVB	1097956	1878246	90.22%	6.752%
98	22.386	3321	3327	3338	rVB	432133	722762	34.72%	2.598%
99	25.077	3775	3785	3796	rVB2	618793	1749160	84.02%	6.288%
100	25.312	3815	3825	3838	rVB2	597966	1834019	88.09%	6.593%

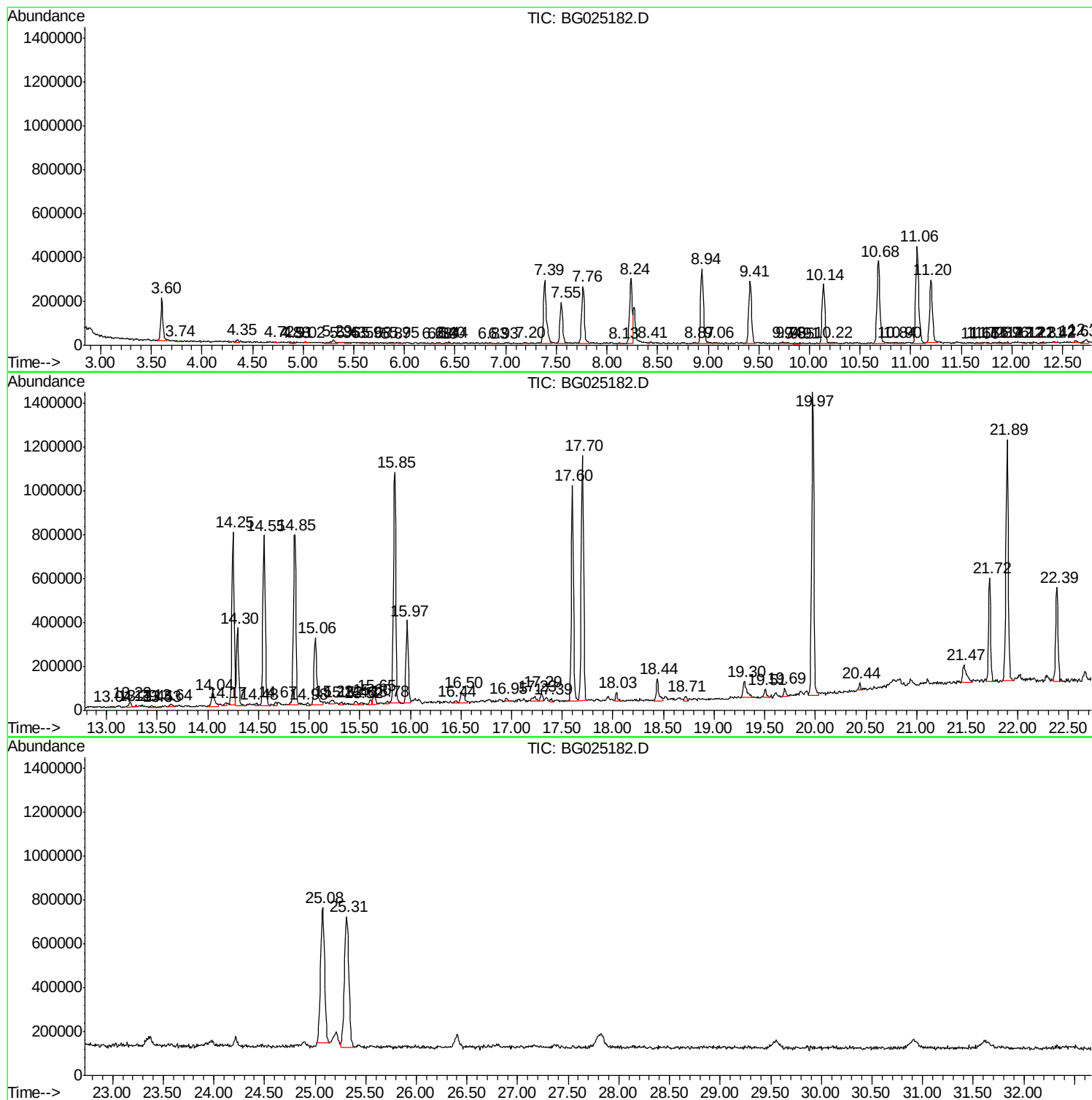
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



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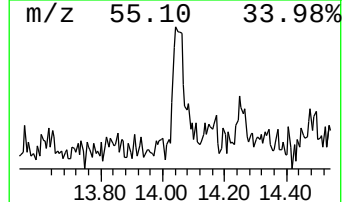
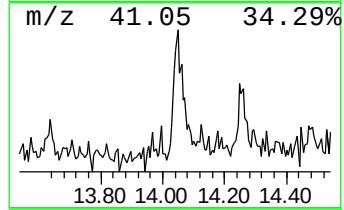
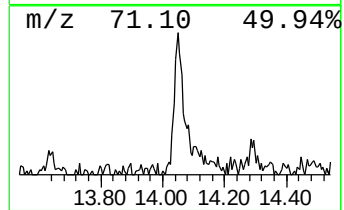
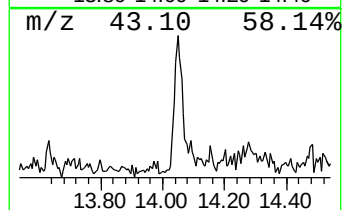
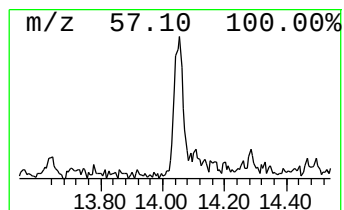
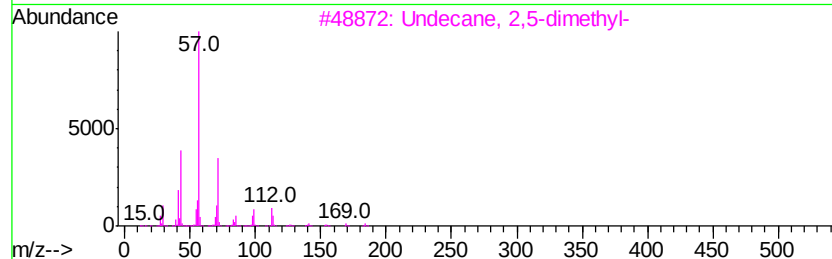
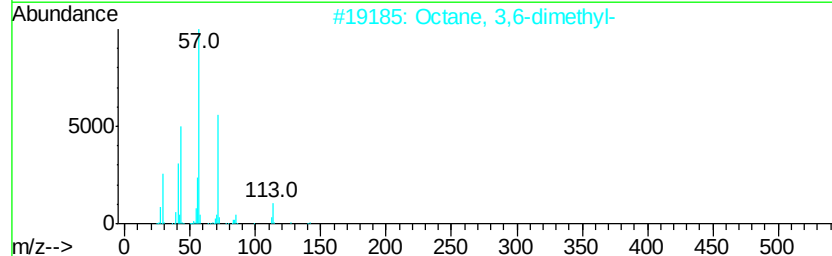
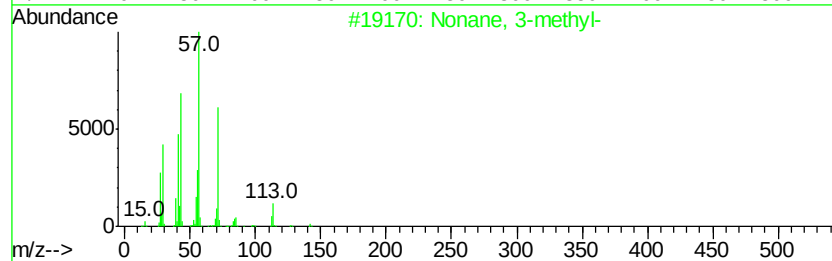
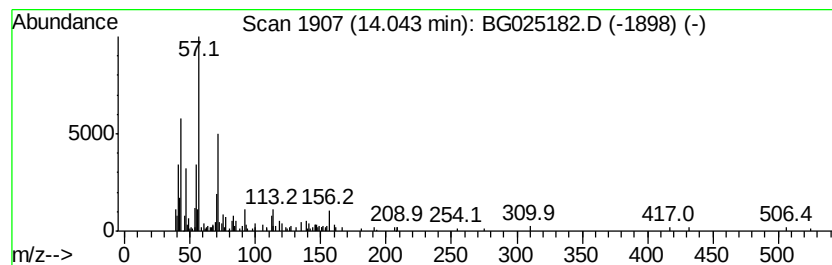
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	2.27 ng/ul	152586	Acenaphthene-d10	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-	142	C10H22	005911-04-6	49
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	46
3		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	43
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	43
5		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	43



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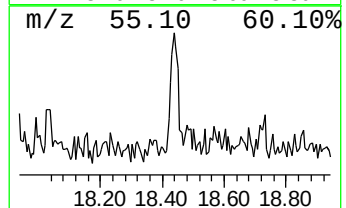
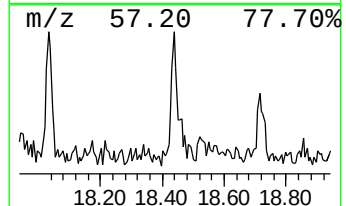
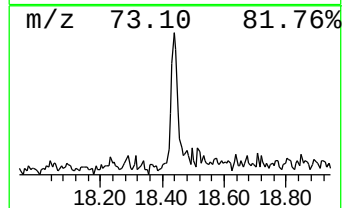
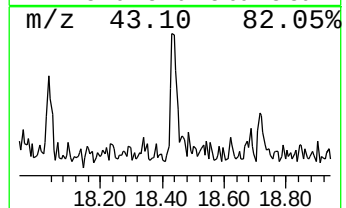
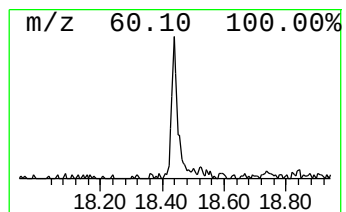
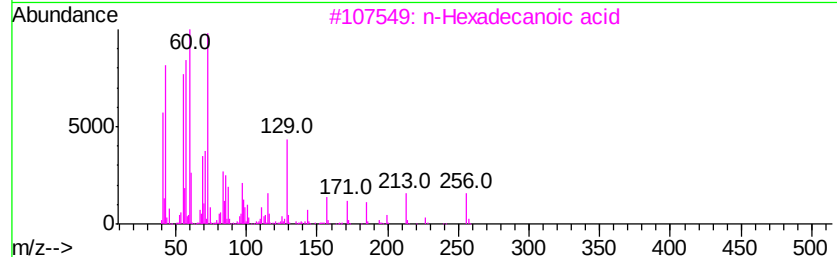
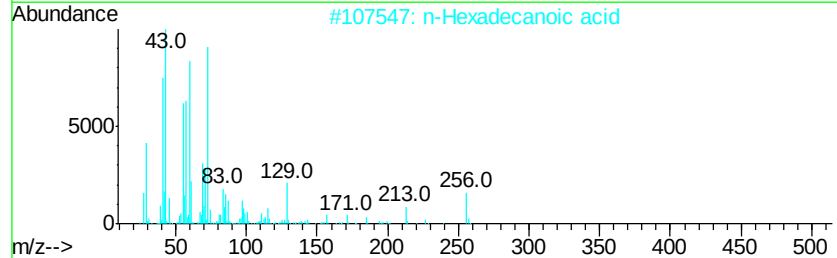
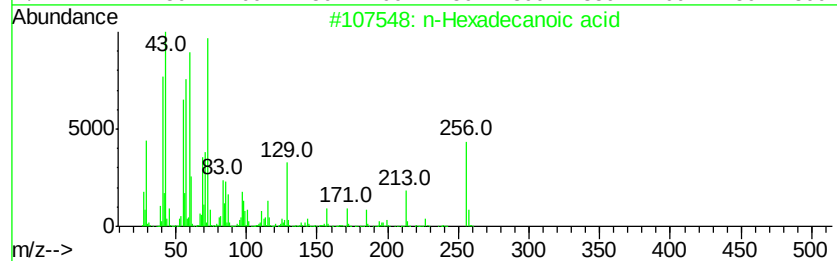
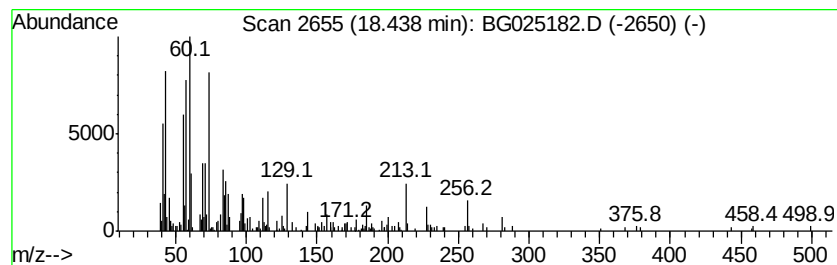
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.44	2.19 ng/ul	173213	Phenanthrene-d10	17.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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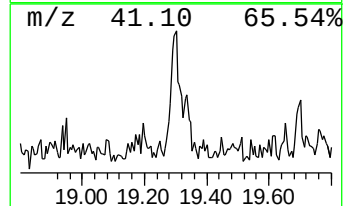
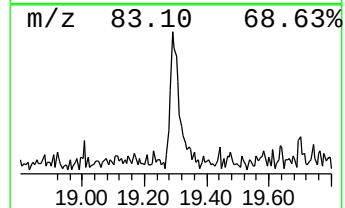
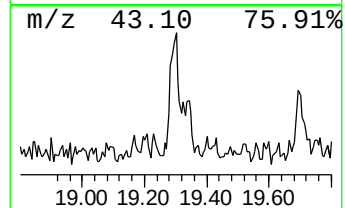
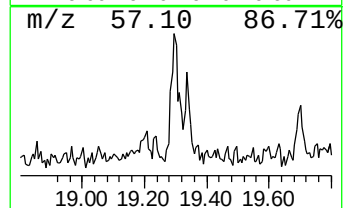
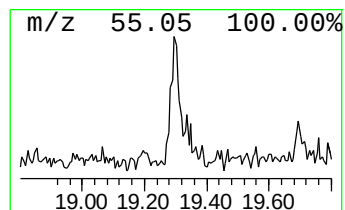
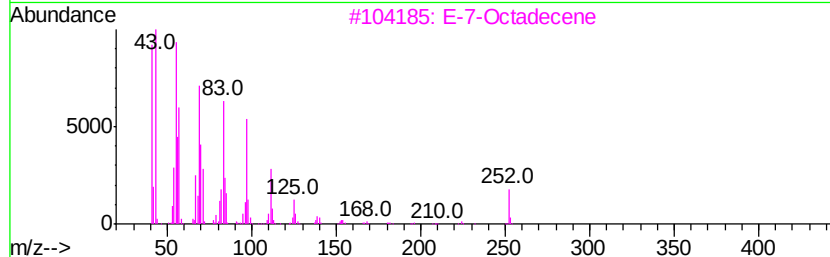
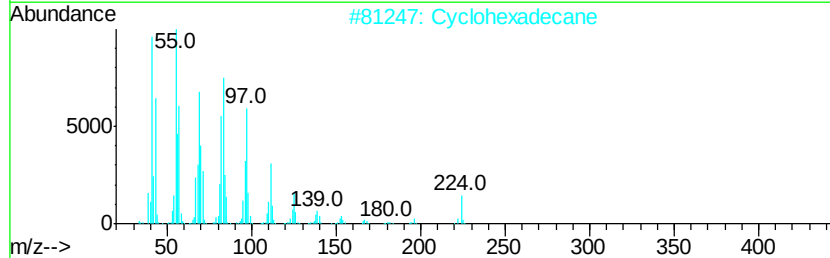
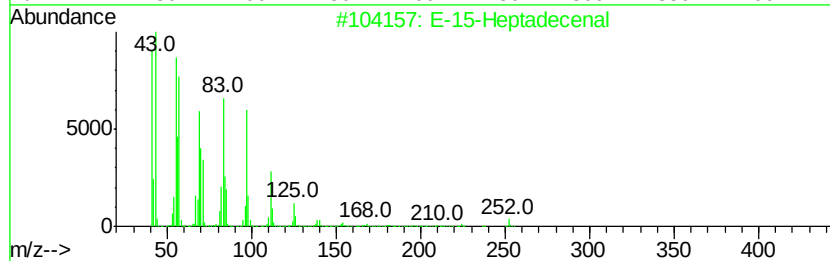
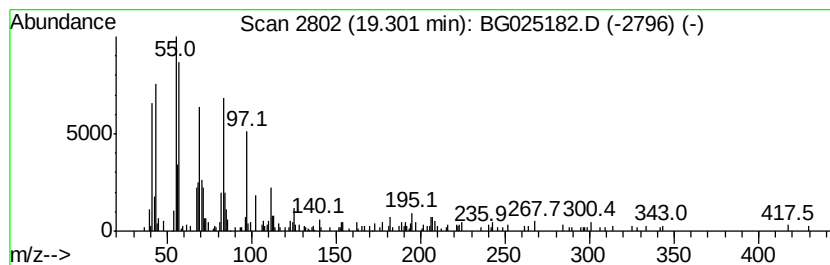
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Peak Number 3 E-15-Heptadecenal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.41 ng/ul	190599	Phenanthrene-d10	17.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	93	
2	Cyclohexadecane	224	C16H32	000295-65-8	91	
3	E-7-Octadecene	252	C18H36	1000130-92-0	90	
4	Cetene	224	C16H32	000629-73-2	86	
5	9-Octadecene, (E)-	252	C18H36	007206-25-9	83	



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Misc :
ALS Vial : 14 Sample Multiplier: 1

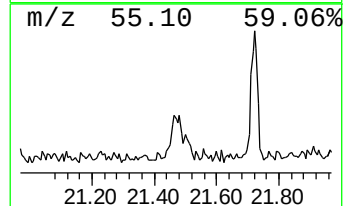
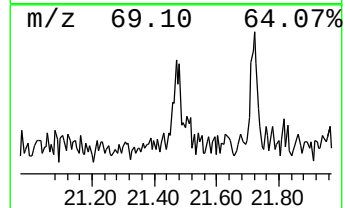
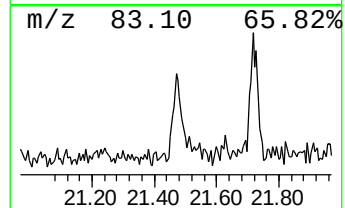
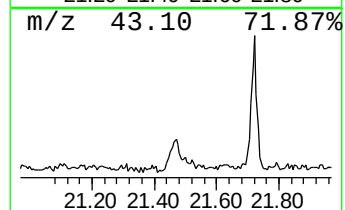
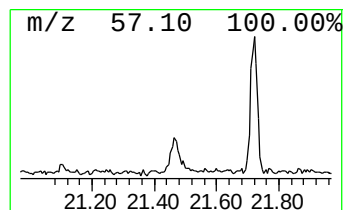
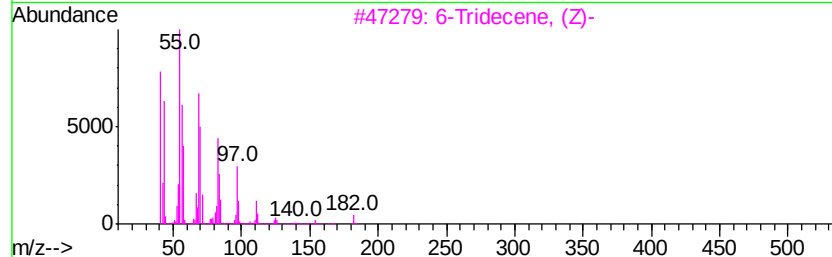
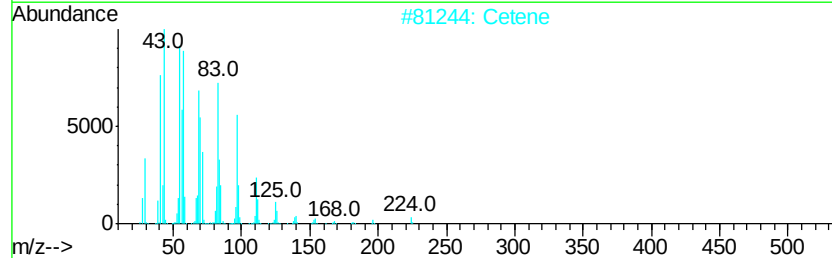
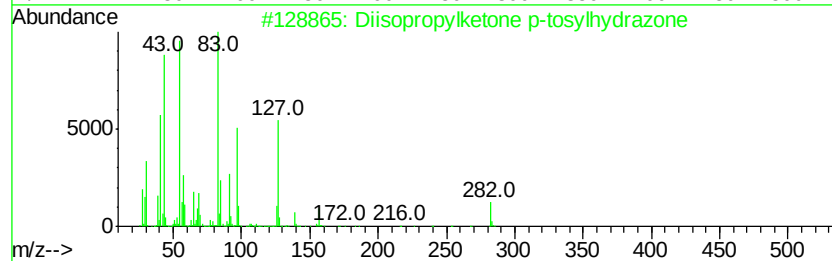
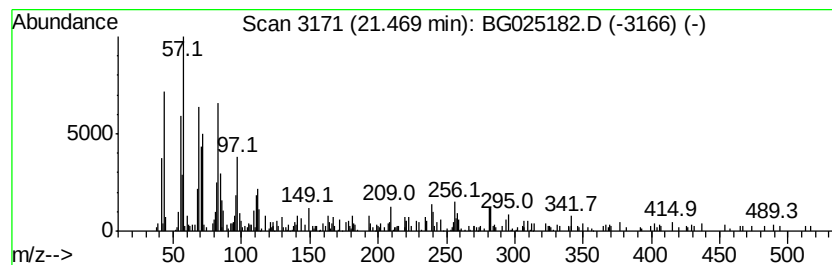
Instrument :
BNA_G
ClientSampleId :
DA860

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 4 Diisopropylketone p-tosylhy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.47	2.13 ng/ul	199633	Chrysene-d12	21.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropylketone p-tosylhydrazone	282	C14H22N2O2S	017530-00-6	55
2	Cetene	224	C16H32	000629-73-2	46
3	6-Tridecene, (Z)-	182	C13H26	006508-77-6	46
4	11-Tricosene	322	C23H46	052078-56-5	41
5	1-Nonadecene	266	C19H38	018435-45-5	41



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121416\
Data File : BG025182.D
Acq On : 14 Dec 2016 19:01
Operator : UM/SJ
Sample : H5970-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA860

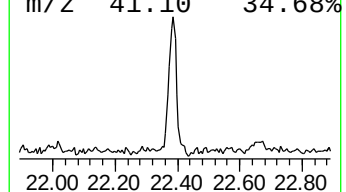
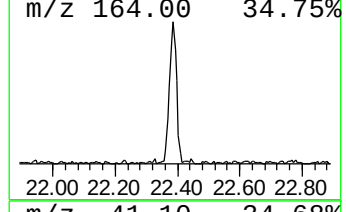
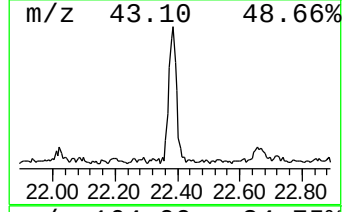
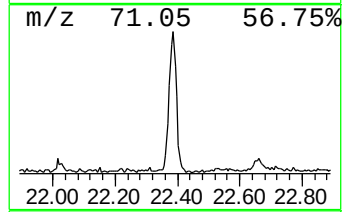
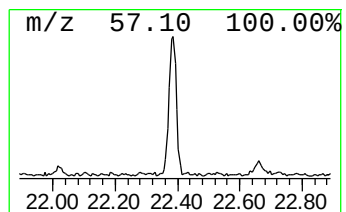
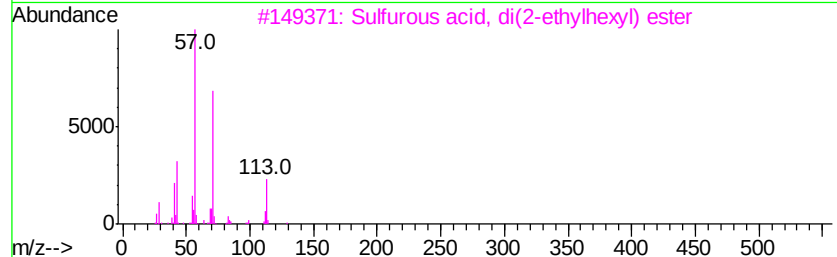
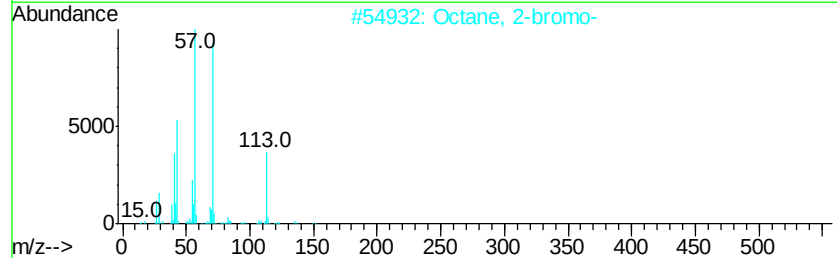
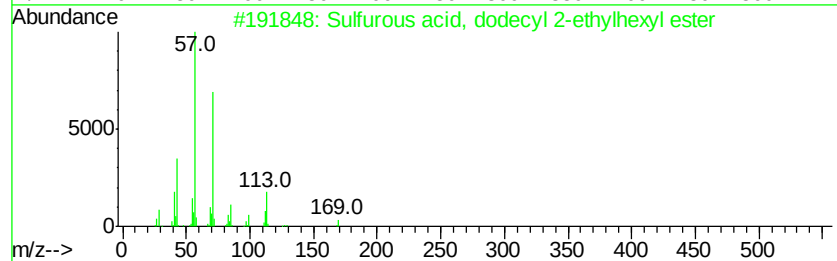
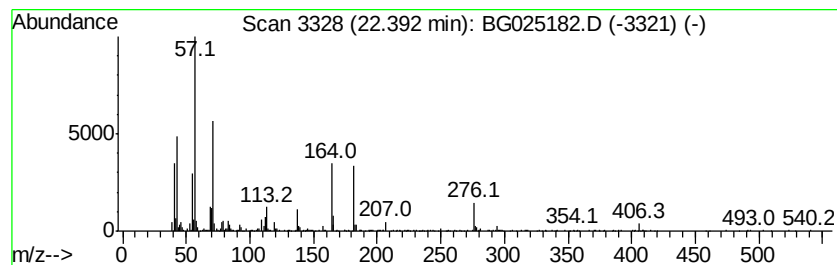
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.39	7.70 ng/ul	722762	Chrysene-d12	21.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	43
2		Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3		Sulfurous acid, di(2-ethylhexyl)...	306	C16H34O3S	1000309-19-1	38
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	38
5		Threitol, 2-O-octyl-	234	C12H26O4	163776-14-5	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121416\
Data File : BG025182.D
Acq On : 14 Dec 2016 19:01
Operator : UM/SJ
Sample : H5970-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA860

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...	14.04	2.3	ng/ul	152586	3	14.86	1347030	20.0
n-Hexadecanoic acid	18.44	2.2	ng/ul	173213	4	17.60	1579570	20.0
E-15-Heptadecenal	19.30	2.4	ng/ul	190599	4	17.60	1579570	20.0
Diisopropylketone...	21.47	2.1	ng/ul	199633	5	21.89	1878250	20.0
unknown-01	22.39	7.7	ng/ul	722762	5	21.89	1878250	20.0