

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
 Data File : BG020818.D
 Acq On : 9 Feb 2016 15:29
 Operator : SJ/UM
 Sample : H1371-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04L8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 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: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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	2.956	15	20	45	rVB	552850	1137884	100.00%	14.504%
2	3.255	64	71	81	rBV	327332	605584	53.22%	7.719%
3	3.332	81	84	95	rVB	13736	22616	1.99%	0.288%
4	3.525	113	117	121	rVB	2400	2965	0.26%	0.038%
5	3.602	126	130	137	rBV2	3457	5450	0.48%	0.069%
6	4.712	315	319	325	rBV	4225	6029	0.53%	0.077%
7	7.403	768	777	787	rBV	67554	114757	10.09%	1.463%
8	7.585	801	808	818	rVB	64304	104632	9.20%	1.334%
9	7.796	837	844	853	rVB	69991	116645	10.25%	1.487%
10	8.272	918	925	931	rBV	54317	88956	7.82%	1.134%
11	8.959	1036	1042	1052	rVB	96698	164606	14.47%	2.098%
12	9.441	1115	1124	1131	rVB	67812	117438	10.32%	1.497%
13	9.523	1133	1138	1142	rBV	4744	6749	0.59%	0.086%
14	10.163	1241	1247	1254	rVB	44479	77650	6.82%	0.990%
15	10.704	1331	1339	1349	rBV	91896	153938	13.53%	1.962%
16	11.098	1397	1406	1414	rBB	94191	159936	14.06%	2.039%
17	11.221	1419	1427	1435	rVV	51826	88294	7.76%	1.125%
18	12.660	1667	1672	1676	rBB2	1761	2529	0.22%	0.032%
19	13.694	1844	1848	1852	rVB	3243	4253	0.37%	0.054%
20	14.281	1941	1948	1952	rBV	187433	275615	24.22%	3.513%
21	14.323	1952	1955	1962	rVV	93354	132087	11.61%	1.684%
22	14.387	1962	1966	1970	rVB2	1547	1868	0.16%	0.024%
23	14.464	1976	1979	1985	rBV	1297	1925	0.17%	0.025%
24	14.581	1992	1999	2007	rBV	255424	388851	34.17%	4.956%
25	14.757	2024	2029	2033	rBV	15653	20297	1.78%	0.259%
26	14.828	2037	2041	2045	rBV2	1709	2926	0.26%	0.037%
27	14.887	2045	2051	2058	rVV2	159358	251570	22.11%	3.207%
28	15.045	2071	2078	2085	rBV	81821	129834	11.41%	1.655%
29	15.092	2085	2086	2091	rVB2	1829	1584	0.14%	0.020%
30	15.198	2100	2104	2106	rBV2	2349	4006	0.35%	0.051%
31	15.257	2110	2114	2116	rVV3	2526	3814	0.34%	0.049%
32	15.309	2119	2123	2127	rVV2	2229	3392	0.30%	0.043%
33	15.368	2127	2133	2140	rVV2	3696	7548	0.66%	0.096%
34	15.439	2140	2145	2150	rVB2	2847	4160	0.37%	0.053%

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35	15.656	2176	2182	2185	rBV	5657	7728	0.68%	0.099%
36	15.703	2185	2190	2195	rVB	24181	30380	2.67%	0.387%
37	15.762	2195	2200	2204	rBV2	2677	4151	0.36%	0.053%
38	15.803	2204	2207	2209	rVV2	1397	1713	0.15%	0.022%
39	15.868	2212	2218	2226	rVB	334503	511342	44.94%	6.518%
40	15.967	2228	2235	2248	rVB	51045	80527	7.08%	1.026%
41	16.108	2248	2259	2263	rBV2	9855	20768	1.83%	0.265%
42	16.150	2263	2266	2270	rVB3	1913	2586	0.23%	0.033%
43	16.202	2270	2275	2279	rVB3	3099	4444	0.39%	0.057%
44	16.255	2279	2284	2292	rBV2	3299	5491	0.48%	0.070%
45	16.320	2292	2295	2299	rBV2	3835	5447	0.48%	0.069%
46	16.561	2331	2336	2339	rBV	24532	32984	2.90%	0.420%
47	16.901	2388	2394	2398	rVV3	3262	6292	0.55%	0.080%
48	16.966	2402	2405	2408	rVV2	2954	3432	0.30%	0.044%
49	17.019	2408	2414	2416	rVV3	1750	3043	0.27%	0.039%
50	17.066	2419	2422	2426	rVV	2385	2935	0.26%	0.037%
51	17.136	2430	2434	2436	rBV	2080	2489	0.22%	0.032%
52	17.172	2436	2440	2445	rVB2	1347	2422	0.21%	0.031%
53	17.354	2465	2471	2475	rBV	16334	20804	1.83%	0.265%
54	17.407	2476	2480	2484	rVV2	5162	7752	0.68%	0.099%
55	17.448	2484	2487	2491	rVB3	1269	1510	0.13%	0.019%
56	17.618	2510	2516	2522	rBV2	198401	305851	26.88%	3.898%
57	17.718	2524	2533	2540	rVV2	373672	553232	48.62%	7.052%
58	17.777	2541	2543	2548	rVB3	1456	1503	0.13%	0.019%
59	17.824	2548	2551	2554	rBV	1286	1644	0.14%	0.021%
60	17.971	2571	2576	2580	rBV3	1662	3006	0.26%	0.038%
61	18.012	2580	2583	2589	rVV2	1400	1821	0.16%	0.023%
62	18.088	2592	2596	2601	rBV3	8049	10757	0.95%	0.137%
63	18.376	2638	2645	2646	rBV	1217	2195	0.19%	0.028%
64	18.388	2646	2647	2651	rVB2	1356	1398	0.12%	0.018%
65	18.476	2658	2662	2669	rBV	7486	11193	0.98%	0.143%
66	18.558	2674	2676	2680	rVB2	1186	1496	0.13%	0.019%
67	18.775	2708	2713	2716	rBV2	3357	4314	0.38%	0.055%
68	18.999	2746	2751	2752	rBV3	978	1391	0.12%	0.018%
69	19.333	2804	2808	2812	rVB3	1696	2392	0.21%	0.030%
70	19.392	2815	2818	2823	rVB2	1530	2052	0.18%	0.026%
71	19.621	2852	2857	2861	rVB	3631	4246	0.37%	0.054%

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72	19.733	2873	2876	2881	rBV2	3744	4980	0.44%	0.063%
73	19.768	2881	2882	2888	rVV3	1105	1412	0.12%	0.018%
74	19.874	2896	2900	2907	rVB2	3730	6271	0.55%	0.080%
75	19.985	2912	2919	2929	rBV2	417012	618547	54.36%	7.884%
76	20.220	2956	2959	2963	rVB2	806	1432	0.13%	0.018%
77	20.461	2998	3000	3002	rVV2	1611	1372	0.12%	0.017%
78	20.632	3025	3029	3033	rBV3	1537	2295	0.20%	0.029%
79	20.849	3064	3066	3067	rVV2	1962	1752	0.15%	0.022%
80	20.873	3068	3070	3074	rVB5	3189	3069	0.27%	0.039%
81	20.925	3074	3079	3080	rBV3	1869	2300	0.20%	0.029%
82	20.978	3085	3088	3092	rVV4	2912	3320	0.29%	0.042%
83	21.031	3092	3097	3101	rVV6	3814	5519	0.49%	0.070%
84	21.513	3174	3179	3188	rBV	20268	32327	2.84%	0.412%
85	21.607	3191	3195	3196	rBV4	1207	1439	0.13%	0.018%
86	21.901	3238	3245	3252	rBV	197161	327470	28.78%	4.174%
87	22.570	3356	3359	3362	rBV5	1009	1390	0.12%	0.018%
88	22.735	3382	3387	3389	rBV4	1781	3292	0.29%	0.042%
89	24.103	3618	3620	3626	rVB4	3342	3908	0.34%	0.050%
90	24.315	3652	3656	3661	rVB5	4314	7775	0.68%	0.099%
91	24.908	3755	3757	3762	rBV6	923	1374	0.12%	0.018%
92	25.055	3771	3782	3796	rBV2	216648	587323	51.62%	7.486%
93	25.284	3810	3821	3836	rVV	108517	323488	28.43%	4.123%
94	26.518	4029	4031	4032	rBV2	2089	1684	0.15%	0.021%
95	27.975	4277	4279	4280	rBV2	2550	1537	0.14%	0.020%
96	29.643	4559	4563	4565	rBV4	1861	2069	0.18%	0.026%
97	29.737	4570	4579	4580	rBV7	7088	15929	1.40%	0.203%
98	31.834	4934	4936	4937	rBV2	2200	1912	0.17%	0.024%
99	31.975	4959	4960	4963	rBV3	1207	1400	0.12%	0.018%
100	32.610	5065	5068	5070	rBV4	1406	1853	0.16%	0.024%

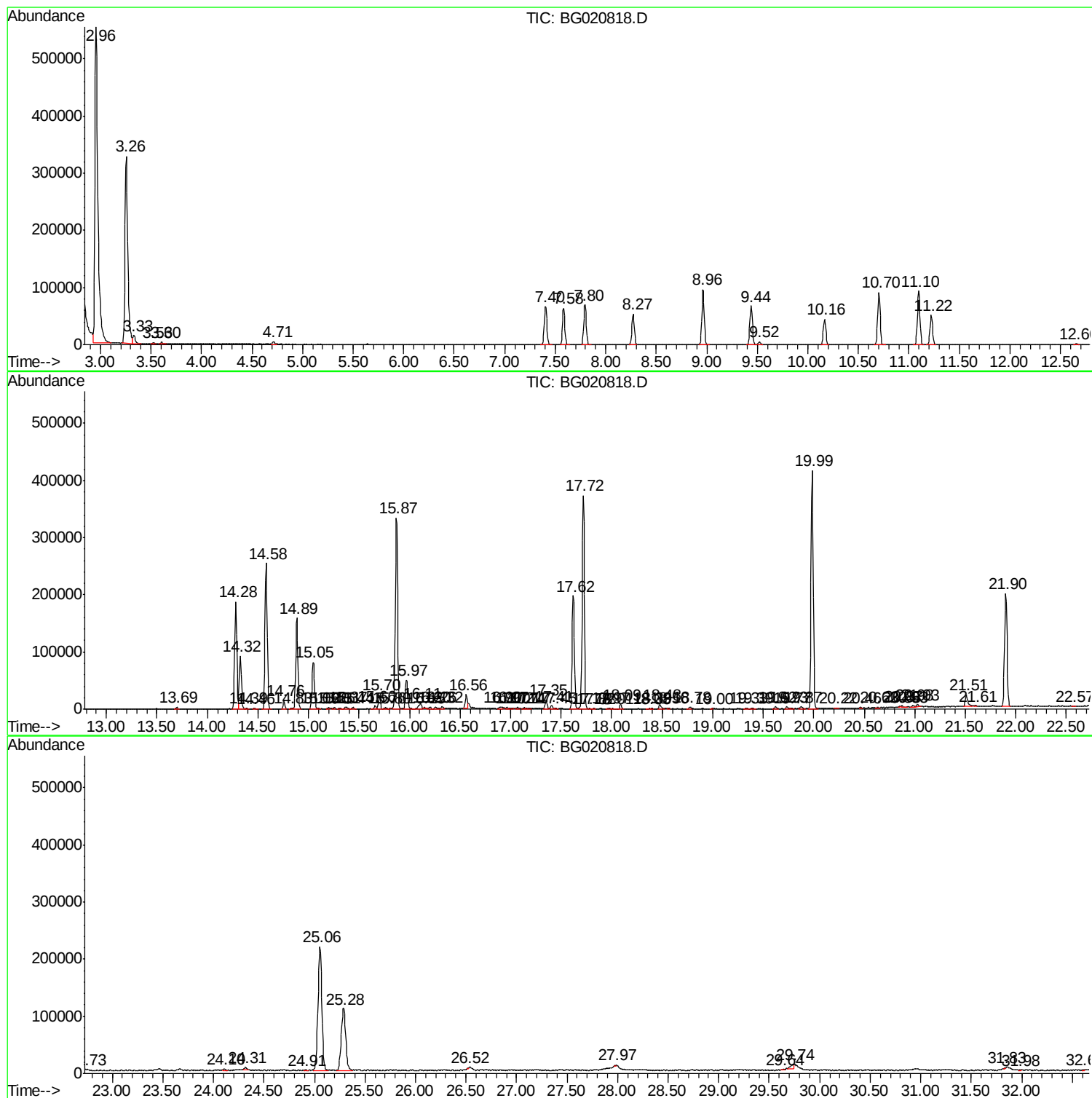
Sum of corrected areas: 7845558

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TIC Library : C:\DATABASE\NIST02.L
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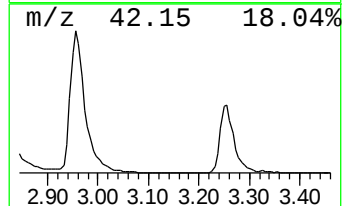
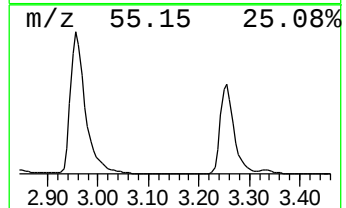
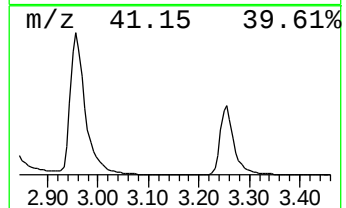
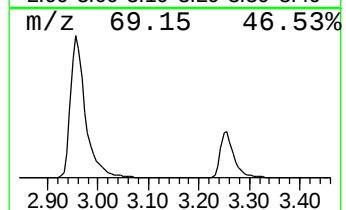
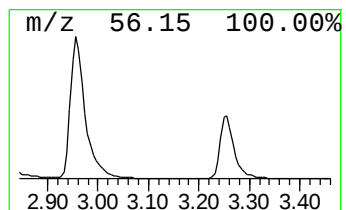
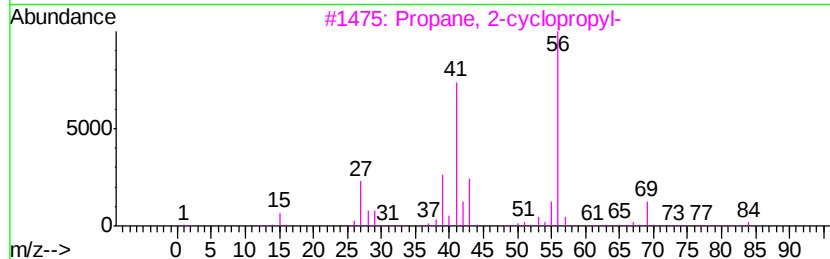
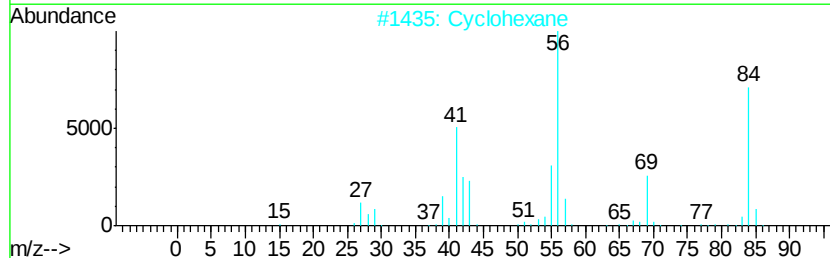
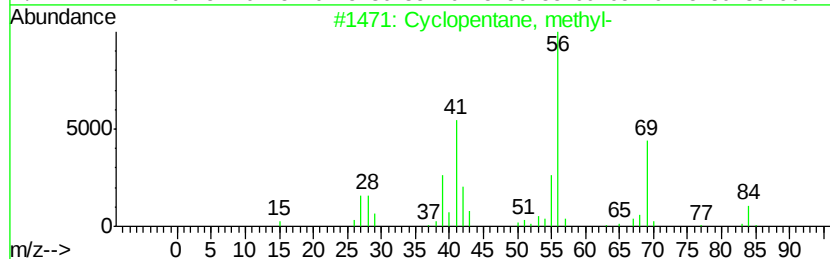
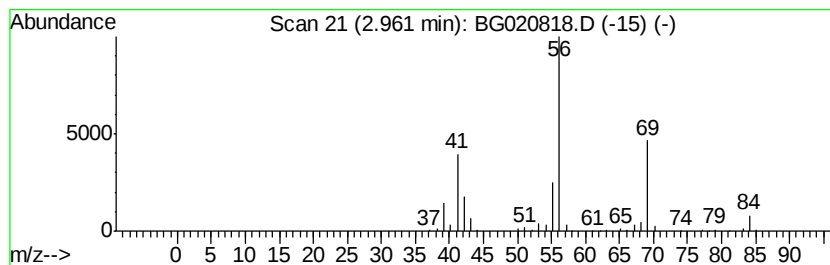
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Cyclic2.96 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	255.83 ng/ul	1137880	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2		Cyclohexane	84	C6H12	000110-82-7	78
3		Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	72
4		Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5		Cyclobutane, ethyl-	84	C6H12	004806-61-5	64



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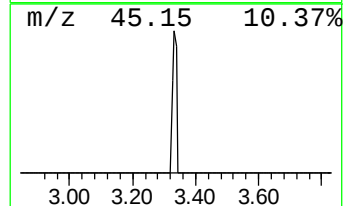
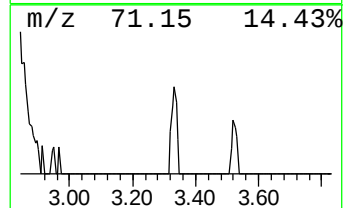
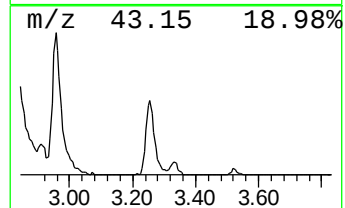
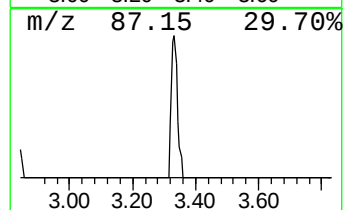
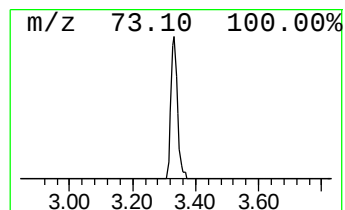
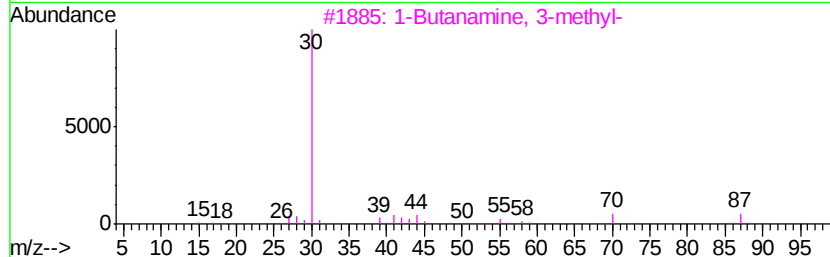
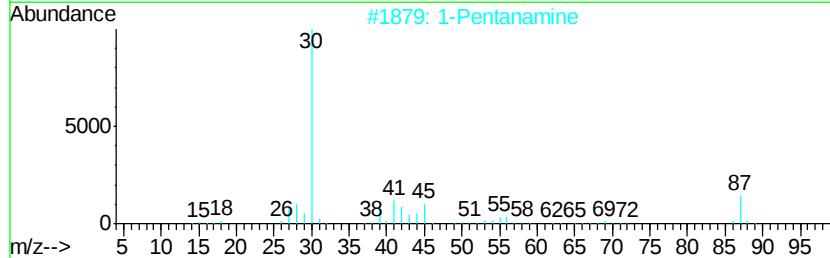
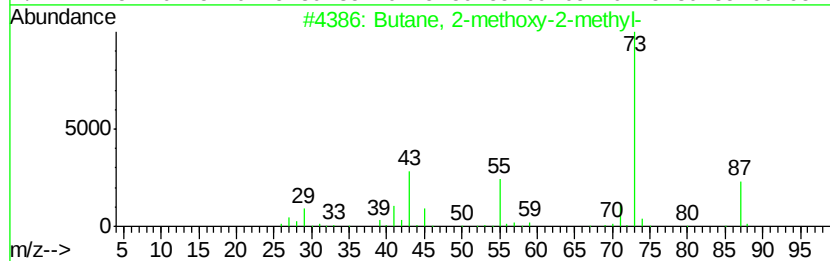
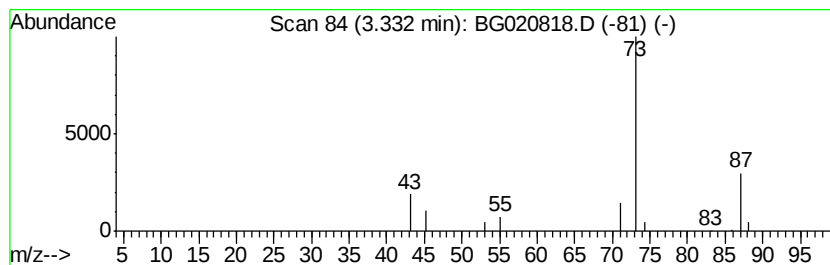
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	5.08 ng/ul	22616	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
2			1-Pentanamine	87	C5H13N	000110-58-7	5
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
4			1-Pentanamine	87	C5H13N	000110-58-7	4
5			N-Ethylformamide	73	C3H7NO	000627-45-2	4



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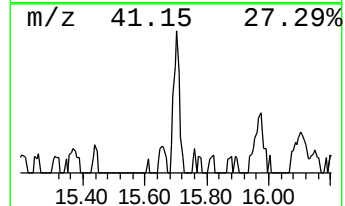
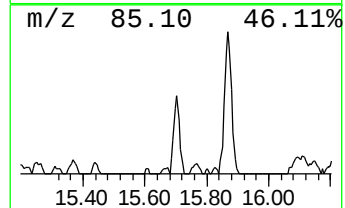
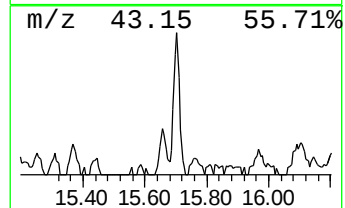
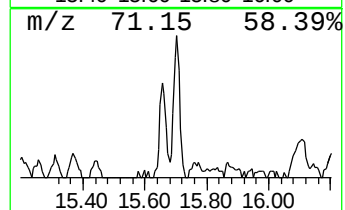
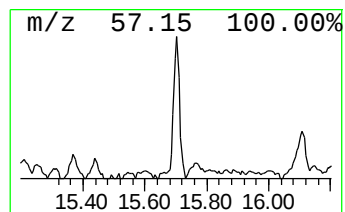
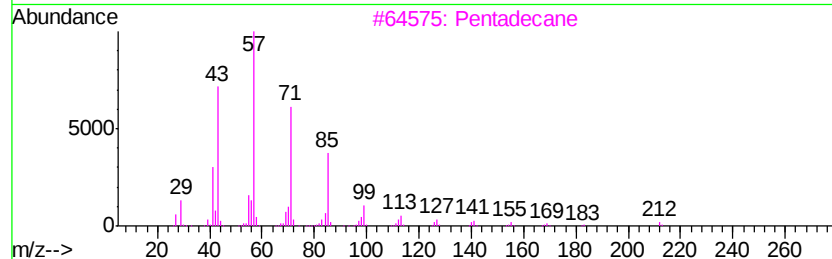
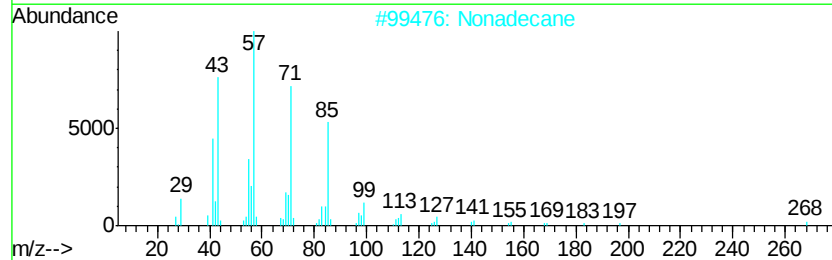
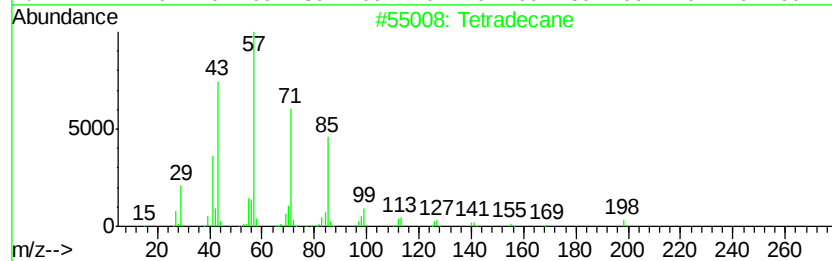
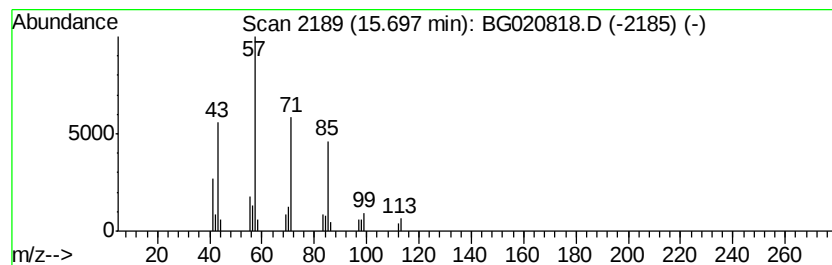
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	2.42 ng/ul	30380	Acenaphthene-d10	14.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	86
2			Nonadecane	268	C19H40	000629-92-5	83
3			Pentadecane	212	C15H32	000629-62-9	78
4			Pentadecane	212	C15H32	000629-62-9	78
5			Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020818.D
Acq On : 9 Feb 2016 15:29
Operator : SJ/UM
Sample : H1371-22
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04L8

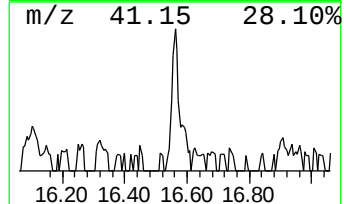
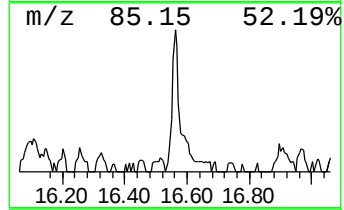
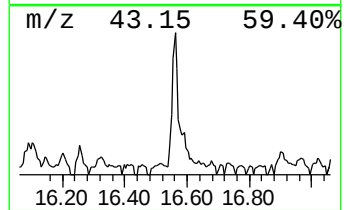
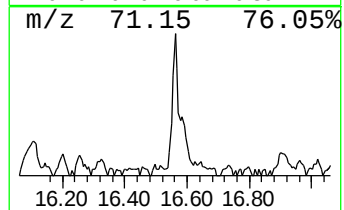
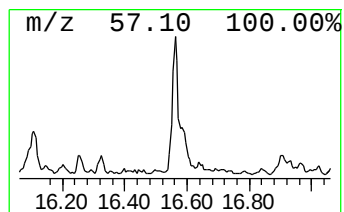
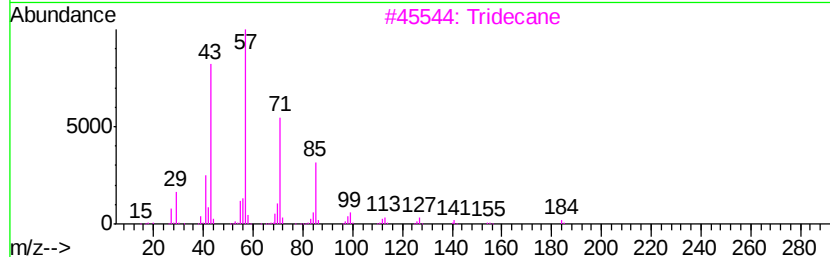
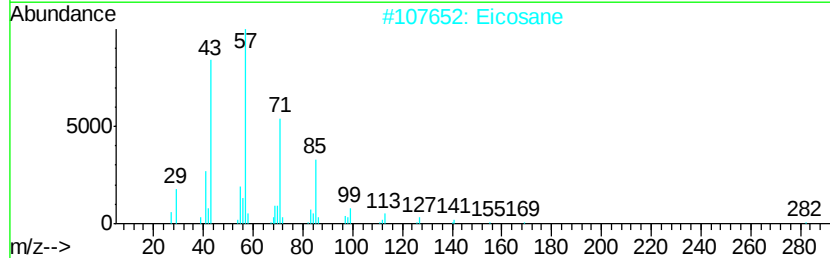
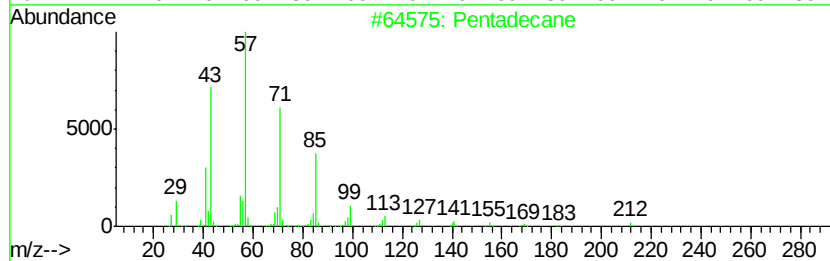
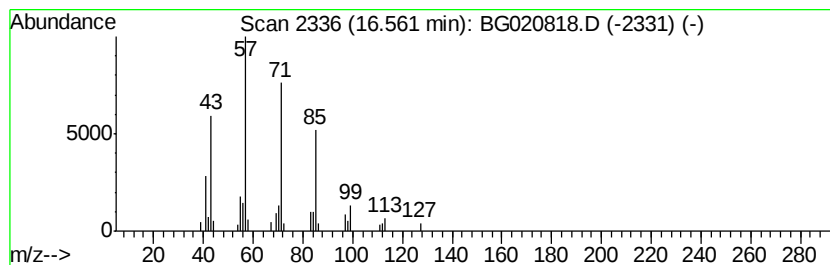
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	2.16 ng/ul	32984	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Tridecane	184	C13H28	000629-50-5	83
4		Hexadecane	226	C16H34	000544-76-3	83
5		Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	72



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04L8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.96	255.8	ng/ul	1137880	1	8.27	88956	20.0
unknown-01	3.33	5.1	ng/ul	22616	1	8.27	88956	20.0
(DEL) Alkane: Str...	15.70	2.4	ng/ul	30380	3	14.89	251570	20.0
(DEL) Alkane: Str...	16.56	2.2	ng/ul	32984	4	17.62	305851	20.0