

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
 Data File : BG021819.D
 Acq On : 10 May 2016 16:43
 Operator : UM/SJ
 Sample : H2938-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9XA8

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-BG050916.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	3.260	67	72	83	rVV2	25134	45933	2.58%	0.247%
2	3.354	83	88	97	rVB3	14421	29688	1.67%	0.159%
3	3.572	120	125	135	rBV4	9954	20107	1.13%	0.108%
4	3.918	181	184	189	rVB5	1793	2710	0.15%	0.015%
5	4.001	194	198	204	rVV6	5490	9814	0.55%	0.053%
6	4.106	209	216	222	rVV3	19353	33879	1.90%	0.182%
7	4.177	225	228	235	rVV5	3581	7010	0.39%	0.038%
8	4.330	251	254	263	rVB5	3067	7169	0.40%	0.039%
9	4.894	342	350	358	rVB3	9171	21351	1.20%	0.115%
10	4.964	358	362	364	rBV2	1834	2830	0.16%	0.015%
11	5.146	389	393	396	rBV4	2143	3647	0.20%	0.020%
12	5.346	423	427	430	rBV4	4704	7305	0.41%	0.039%
13	6.856	680	684	687	rVB3	1912	2761	0.15%	0.015%
14	7.326	755	764	775	rBV	121821	262620	14.74%	1.411%
15	7.502	787	794	805	rVV	127017	246513	13.84%	1.324%
16	7.708	822	829	840	rBV	151732	315106	17.69%	1.693%
17	8.184	901	910	922	rBV	146752	306089	17.18%	1.644%
18	8.883	1021	1029	1041	rBV	134114	299988	16.84%	1.612%
19	9.353	1101	1109	1125	rBV	129278	305106	17.12%	1.639%
20	9.753	1168	1177	1181	rVB6	2220	5009	0.28%	0.027%
21	10.076	1223	1232	1246	rBV2	85906	199540	11.20%	1.072%
22	10.616	1316	1324	1341	rBV	187788	417175	23.41%	2.241%
23	10.998	1378	1389	1404	rVV	294122	631849	35.46%	3.394%
24	11.139	1404	1413	1435	rBV2	77787	247000	13.86%	1.327%
25	12.643	1664	1669	1676	rBV4	2764	4609	0.26%	0.025%
26	13.613	1829	1834	1838	rBV3	5646	8782	0.49%	0.047%
27	13.677	1842	1845	1851	rVV3	2721	5406	0.30%	0.029%
28	13.983	1896	1897	1904	rVB2	1774	2843	0.16%	0.015%
29	14.118	1915	1920	1925	rBV3	3320	6171	0.35%	0.033%
30	14.200	1926	1934	1939	rVV	444096	725826	40.74%	3.899%
31	14.247	1939	1942	1949	rVV	65265	102809	5.77%	0.552%
32	14.306	1949	1952	1958	rVV5	3343	5930	0.33%	0.032%
33	14.494	1975	1984	1998	rBV	580510	1063258	59.68%	5.712%
34	14.676	2010	2015	2023	rVB	17917	29535	1.66%	0.159%

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35	14.800	2023	2036	2045	rBV2	515641	950108	53.33%	5.104%
36	14.988	2062	2068	2083	rBV	66522	219664	12.33%	1.180%
37	15.287	2114	2119	2126	rVB7	5633	13624	0.76%	0.073%
38	15.364	2128	2132	2135	rBV3	3603	4484	0.25%	0.024%
39	15.411	2137	2140	2142	rBV3	2829	3305	0.19%	0.018%
40	15.522	2152	2159	2160	rBV6	2480	3932	0.22%	0.021%
41	15.581	2163	2169	2171	rBV3	5911	9598	0.54%	0.052%
42	15.622	2172	2176	2180	rVV2	27862	41578	2.33%	0.223%
43	15.675	2183	2185	2190	rVV4	3513	6239	0.35%	0.034%
44	15.722	2190	2193	2195	rVV4	2776	3772	0.21%	0.020%
45	15.787	2195	2204	2210	rVV	762898	1315277	73.82%	7.066%
46	15.834	2210	2212	2217	rVV3	34937	54032	3.03%	0.290%
47	15.898	2217	2223	2234	rVV	106248	205703	11.55%	1.105%
48	15.975	2234	2236	2237	rVV2	4049	3602	0.20%	0.019%
49	15.992	2237	2239	2240	rVV2	3794	3819	0.21%	0.021%
50	16.028	2240	2245	2251	rVV3	17732	38219	2.15%	0.205%
51	16.075	2251	2253	2256	rVV4	3712	3875	0.22%	0.021%
52	16.127	2258	2262	2268	rVV6	4531	8269	0.46%	0.044%
53	16.180	2268	2271	2275	rVV5	3288	5178	0.29%	0.028%
54	16.245	2278	2282	2285	rVV5	4274	5895	0.33%	0.032%
55	16.480	2318	2322	2333	rVV3	26069	58792	3.30%	0.316%
56	16.568	2335	2337	2342	rVB5	2582	2939	0.16%	0.016%
57	16.668	2352	2354	2358	rVV4	2117	3078	0.17%	0.017%
58	16.739	2363	2366	2371	rBV5	2716	4089	0.23%	0.022%
59	16.827	2378	2381	2384	rBV3	3617	4934	0.28%	0.027%
60	17.073	2417	2423	2425	rBV6	6897	10018	0.56%	0.054%
61	17.197	2442	2444	2447	rVV4	4316	4097	0.23%	0.022%
62	17.279	2451	2458	2463	rBV4	15347	24800	1.39%	0.133%
63	17.326	2463	2466	2470	rVB5	4659	7356	0.41%	0.040%
64	17.367	2471	2473	2476	rVB3	3566	2722	0.15%	0.015%
65	17.414	2476	2481	2487	rBV7	7162	14461	0.81%	0.078%
66	17.473	2489	2491	2495	rVB3	2926	3269	0.18%	0.018%
67	17.543	2495	2503	2513	rBV	633848	1138900	63.92%	6.118%
68	17.643	2513	2520	2538	rVB2	669570	1230348	69.05%	6.609%
69	17.814	2545	2549	2551	rBV5	1997	3282	0.18%	0.018%
70	18.019	2581	2584	2591	rVB6	7810	12238	0.69%	0.066%
71	18.301	2626	2632	2635	rBV5	6126	10924	0.61%	0.059%

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72	18.354	2637	2641	2643	rVV5	2907	3796	0.21%	0.020%
73	18.407	2646	2650	2655	rBV4	47337	79308	4.45%	0.426%
74	18.460	2657	2659	2667	rVB6	10517	20755	1.16%	0.111%
75	18.607	2678	2684	2687	rBV7	8631	14617	0.82%	0.079%
76	18.707	2697	2701	2704	rBV5	7978	9530	0.53%	0.051%
77	18.912	2732	2736	2740	rBV4	8448	13033	0.73%	0.070%
78	18.942	2740	2741	2744	rBV3	2698	3271	0.18%	0.018%
79	19.059	2759	2761	2763	rBV3	2296	2755	0.15%	0.015%
80	19.159	2774	2778	2782	rBV6	4611	7045	0.40%	0.038%
81	19.194	2782	2784	2787	rBV4	3031	2966	0.17%	0.016%
82	19.318	2800	2805	2811	rBV3	32318	54034	3.03%	0.290%
83	19.418	2819	2822	2824	rVB4	4048	4674	0.26%	0.025%
84	19.453	2825	2828	2831	rBV5	4160	6512	0.37%	0.035%
85	19.541	2839	2843	2844	rBV4	7508	8653	0.49%	0.046%
86	19.582	2845	2850	2858	rVV	69036	115591	6.49%	0.621%
87	19.676	2862	2866	2872	rBV8	12169	20411	1.15%	0.110%
88	19.811	2884	2889	2894	rBV4	7661	16593	0.93%	0.089%
89	19.917	2900	2907	2919	rBV	1047210	1781729	100.00%	9.572%
90	20.164	2947	2949	2950	rBV2	4635	3941	0.22%	0.021%
91	20.340	2976	2979	2984	rBV	13890	22745	1.28%	0.122%
92	20.428	2990	2994	2998	rVB3	29579	38055	2.14%	0.204%
93	21.445	3162	3167	3174	rBV3	82071	150058	8.42%	0.806%
94	21.827	3224	3232	3249	rVB	675531	1447944	81.27%	7.778%
95	22.643	3366	3371	3380	rBV4	35129	93252	5.23%	0.501%
96	24.100	3613	3619	3621	rBV2	21757	46455	2.61%	0.250%
97	24.195	3627	3635	3647	rVB	142526	371607	20.86%	1.996%
98	24.929	3750	3760	3783	rVB2	475373	1581512	88.76%	8.496%
99	25.158	3788	3799	3812	rBV3	413098	1419504	79.67%	7.626%
100	26.368	3996	4005	4018	rVB3	130974	452762	25.41%	2.432%

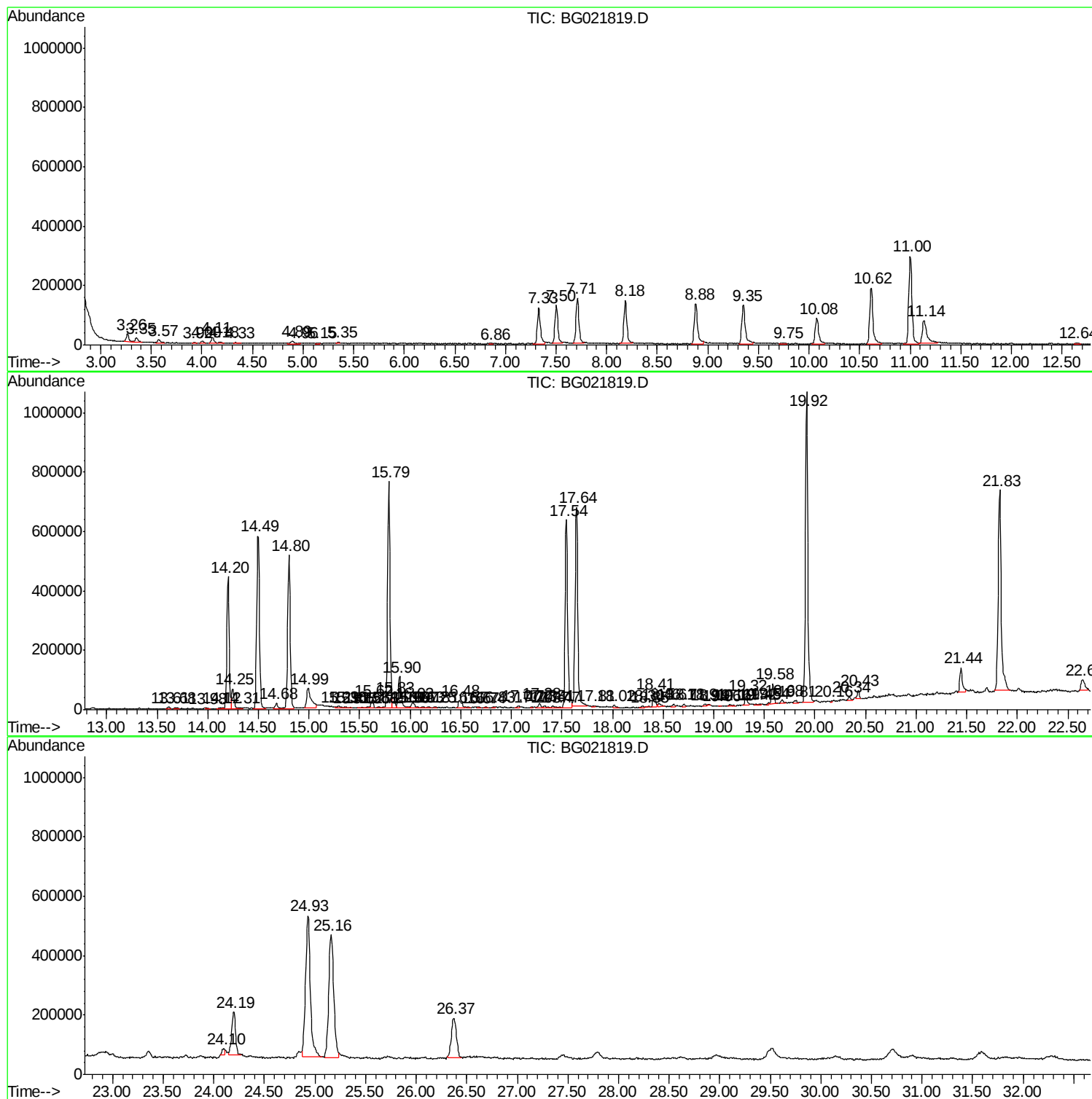
Sum of corrected areas: 18614896

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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



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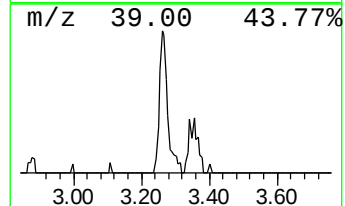
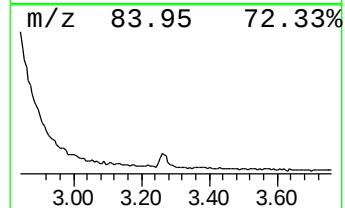
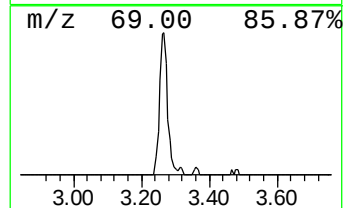
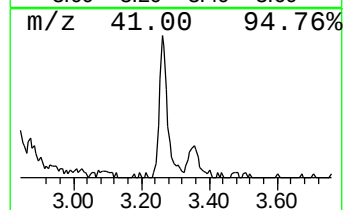
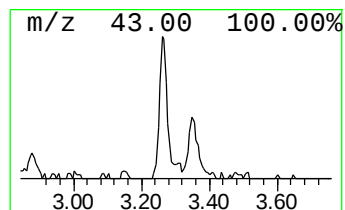
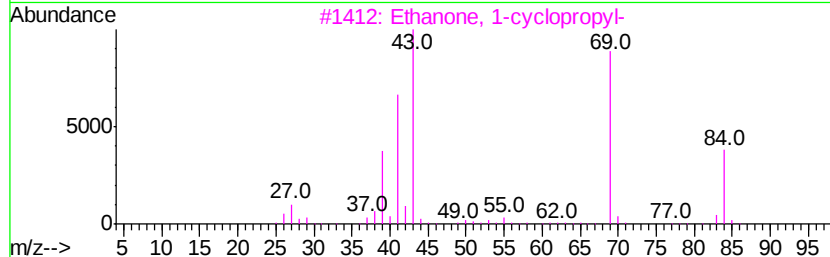
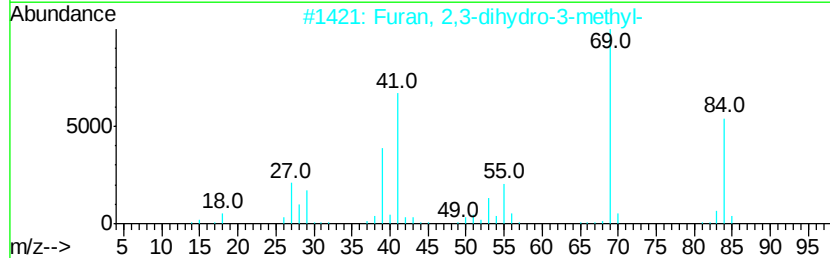
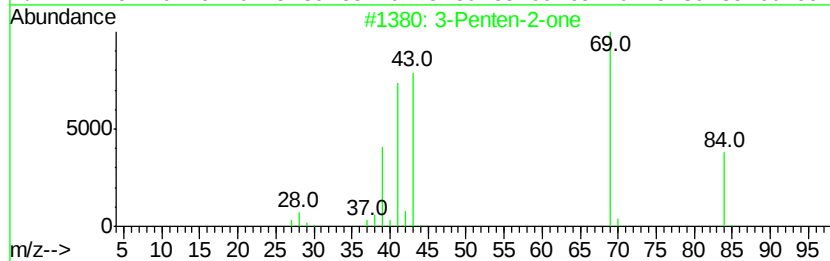
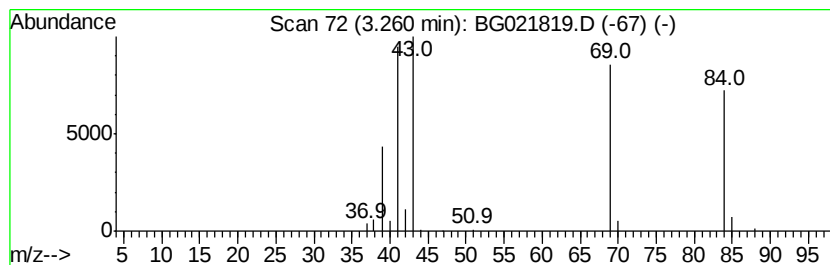
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 3-Penten-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	3.00 ng/ul	45933	1,4-Dichlorobenzene-d4	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one	84	C5H8O	000625-33-2	78
2			Furan, 2,3-dihydro-3-methyl-	84	C5H8O	001708-27-6	64
3			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	64
4			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59
5			3-Penten-2-one, (E)-	84	C5H8O	003102-33-8	45



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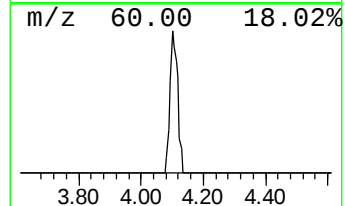
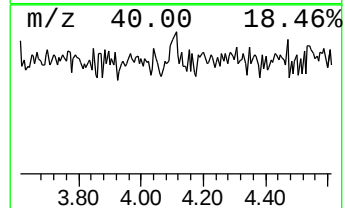
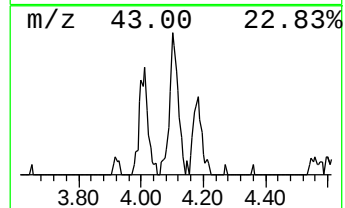
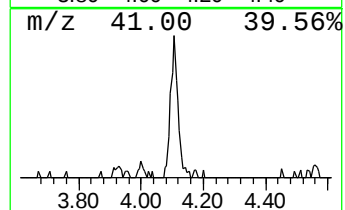
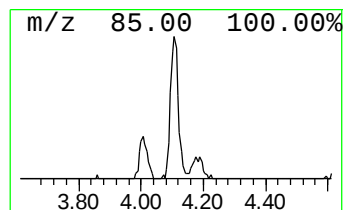
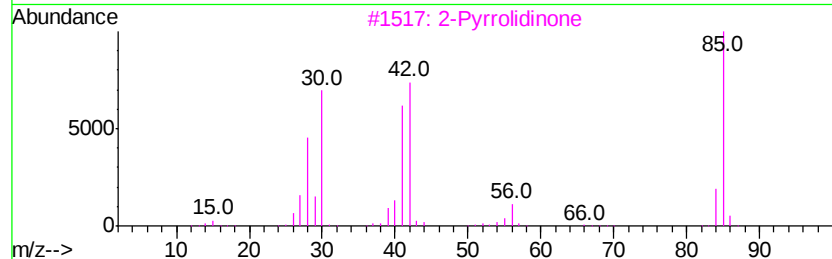
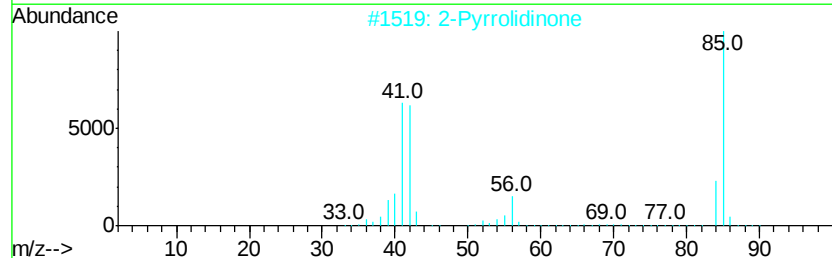
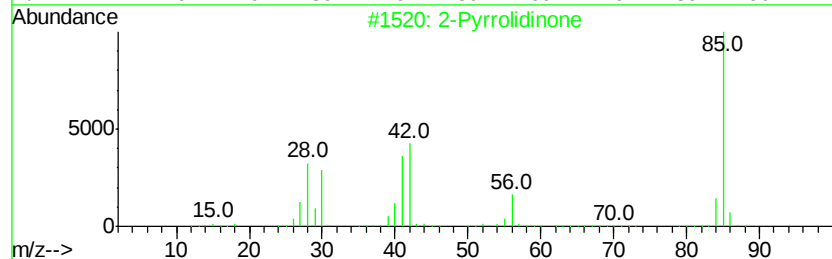
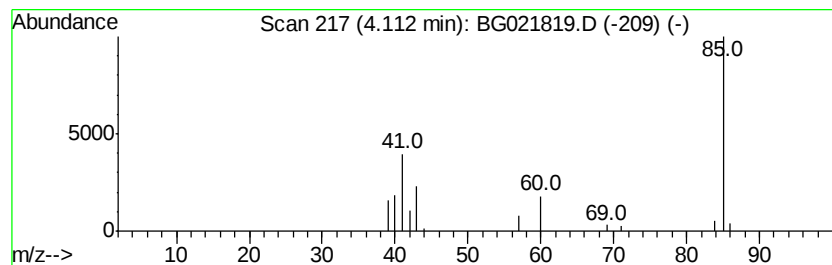
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	2.21 ng/ul	33879	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	36
2		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4		2,2-Dimethylvalerovl chloride	148	C7H13ClO	015721-22-9	9
5		2H-Pyran, tetrahydro-2-[2-(methy...	182	C11H18O2	107616-98-8	9



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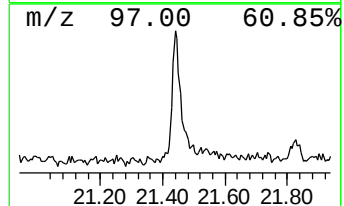
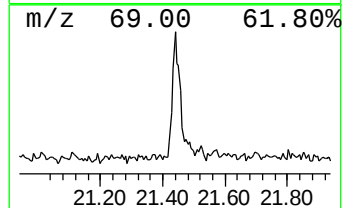
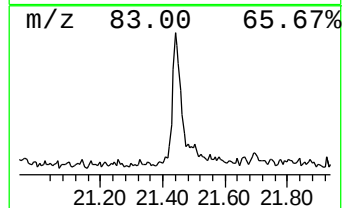
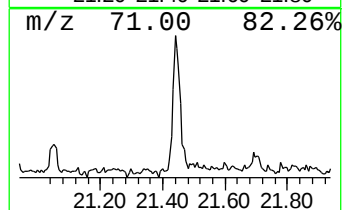
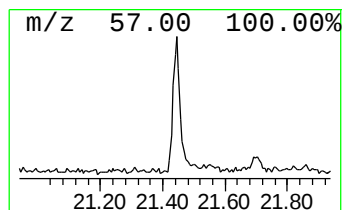
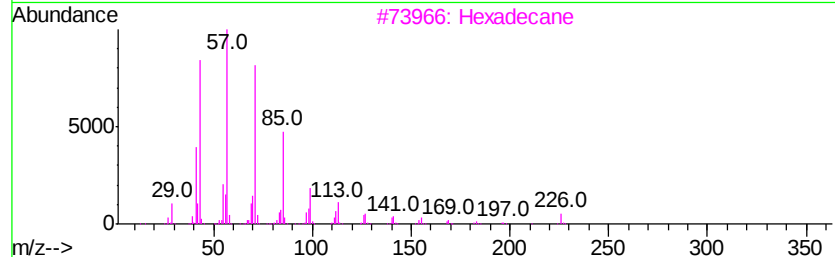
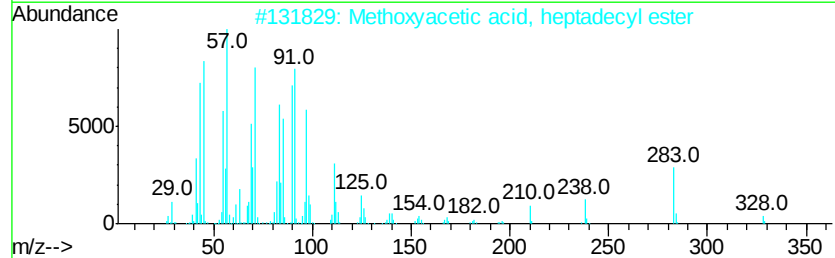
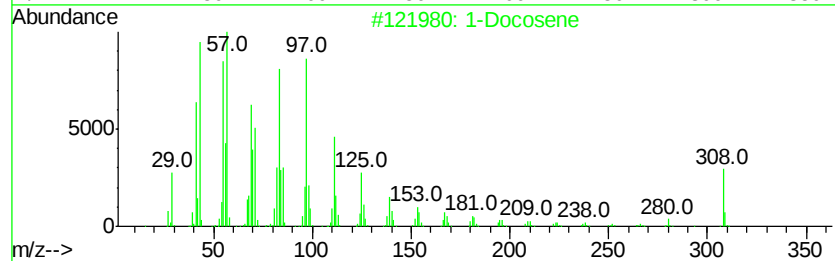
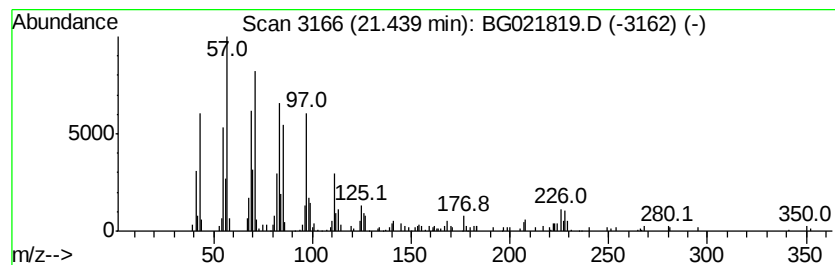
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Peak Number 3 (DEL) Alkane: Cyclic-21.44 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	2.07 ng/ul	150058	Chrysene-d12	21.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	91
2		Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	74
5		17-Pentatriacontene	491	C35H70	006971-40-0	64



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021819.D
Acq On : 10 May 2016 16:43
Operator : UM/SJ
Sample : H2938-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA8

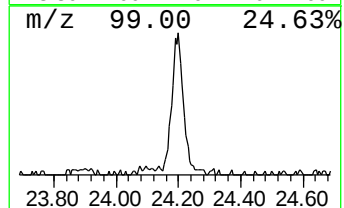
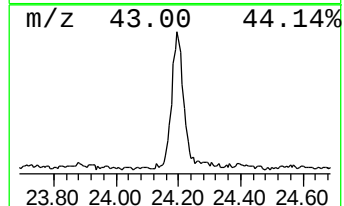
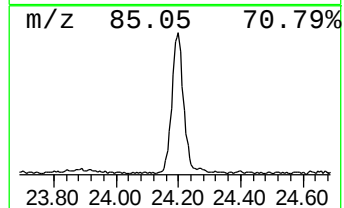
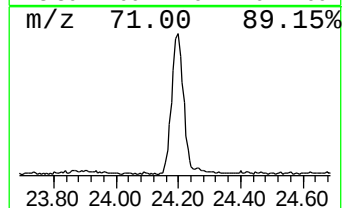
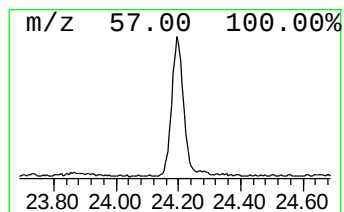
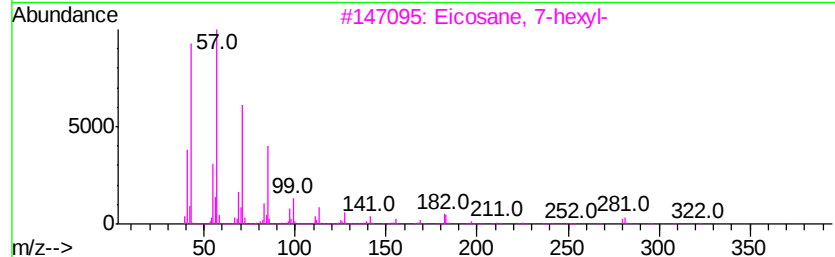
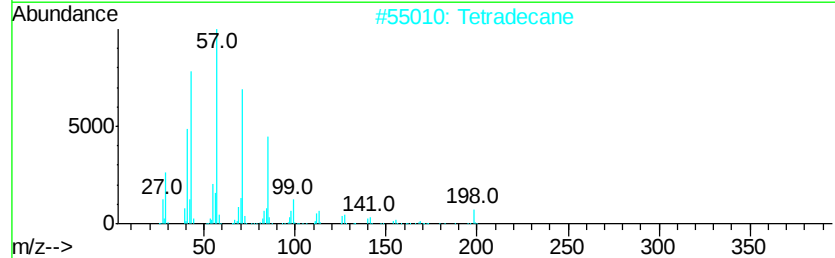
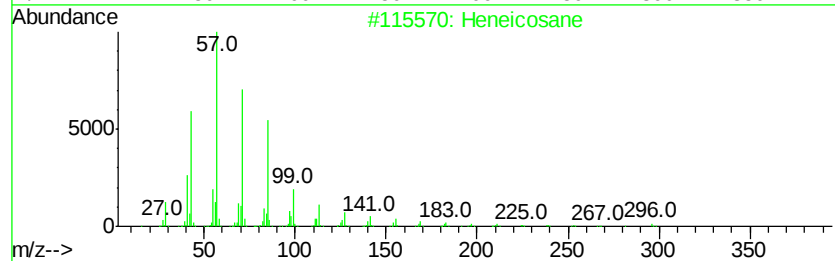
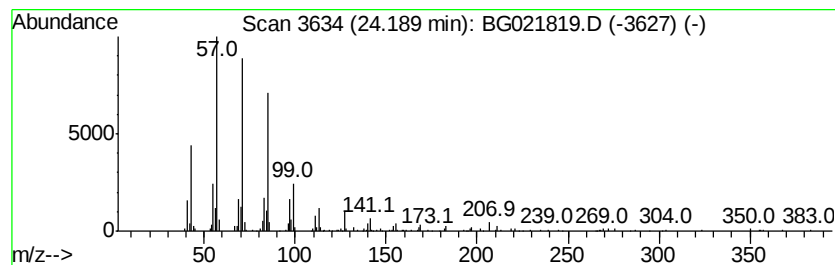
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.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.
24.19	5.24 ng/ul	371607	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Tetradecane	198	C14H30	000629-59-4	91
3		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
4		Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	90
5		Pentacosane	352	C25H52	000629-99-2	90



Data Path : Z:\HPCHEM1\BNA G\DATA\BG051016\
Data File : BG021819.D
Acq On : 10 May 2016 16:43
Operator : UM/SJ
Sample : H2938-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA8

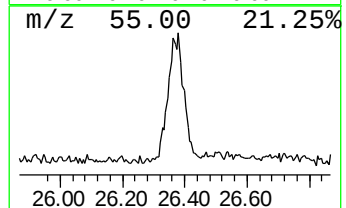
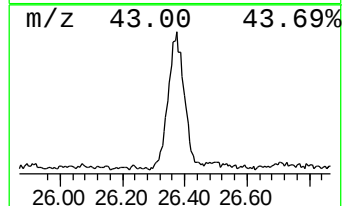
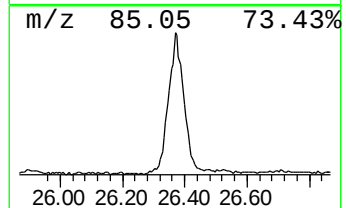
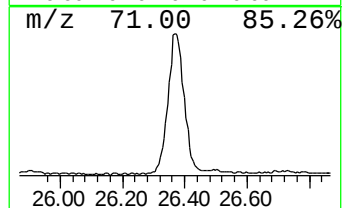
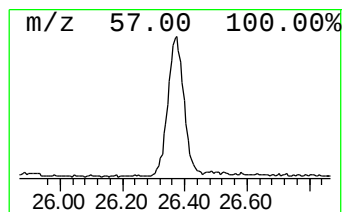
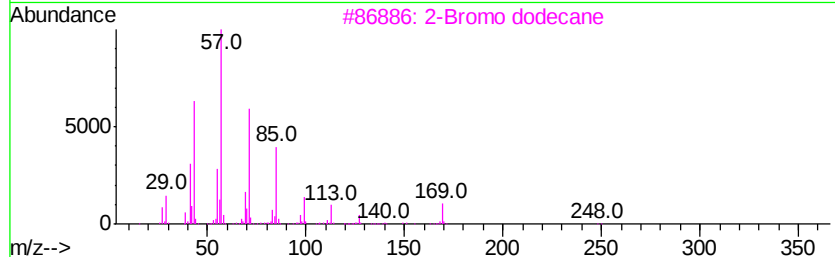
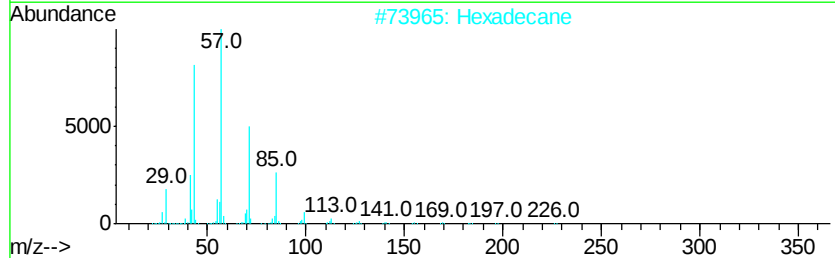
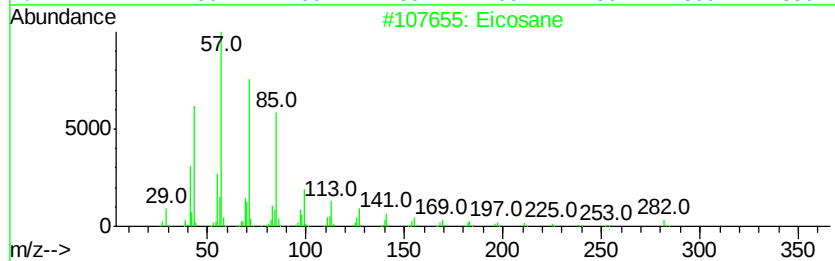
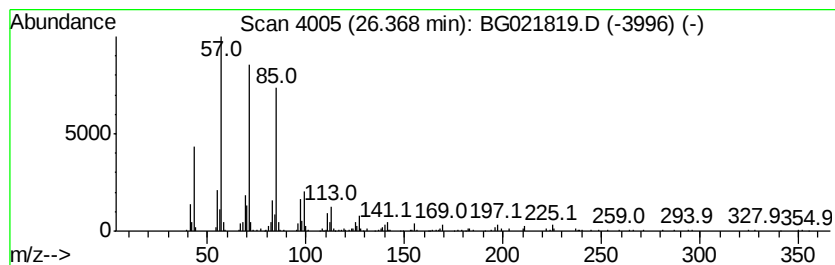
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	6.38 ng/ul	452762	Perylene-d12	25.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	86
4		Octacosane	394	C28H58	000630-02-4	83
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051016\
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Sample : H2938-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
D9XA8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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
3-Penten-2-one	3.26	3.0	ng/ul	45933	1	8.18	306089	20.0
unknown-01	4.11	2.2	ng/ul	33879	1	8.18	306089	20.0
(DEL) Alkane: Cyc...	21.44	2.1	ng/ul	150058	5	21.83	1447940	20.0
(DEL) Alkane: Str...	24.19	5.2	ng/ul	371607	6	25.16	1419500	20.0
(DEL) Alkane: Str...	26.37	6.4	ng/ul	452762	6	25.16	1419500	20.0