

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021568.D
 Acq On : 30 Mar 2016 1:32
 Operator : UM/SJ
 Sample : H1910-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AE2

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-BG031616.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	3.308	77	80	82	rBV2	477	600	0.16%	0.017%
2	3.449	103	104	106	rVB2	883	565	0.15%	0.016%
3	3.531	116	118	121	rVB3	600	626	0.17%	0.018%
4	3.572	121	125	126	rBV2	562	741	0.20%	0.021%
5	3.590	126	128	130	rVV2	537	451	0.12%	0.013%
6	3.801	163	164	168	rVV	438	425	0.11%	0.012%
7	3.830	168	169	173	rVB	370	407	0.11%	0.012%
8	4.212	232	234	238	rVB2	666	703	0.19%	0.020%
9	4.336	251	255	257	rBV	390	642	0.17%	0.018%
10	4.383	260	263	266	rVV2	455	752	0.20%	0.022%
11	4.577	294	296	300	rVB	367	481	0.13%	0.014%
12	5.317	419	422	427	rVB2	398	781	0.21%	0.022%
13	5.364	427	430	431	rBV	438	403	0.11%	0.012%
14	5.887	516	519	520	rBB	631	409	0.11%	0.012%
15	7.373	763	772	782	rBB	33791	68088	18.35%	1.947%
16	7.632	810	816	825	rBB	35525	61674	16.62%	1.763%
17	8.049	881	887	895	rBB2	39772	67769	18.27%	1.938%
18	8.842	1017	1022	1033	rBB	25015	42509	11.46%	1.215%
19	9.218	1080	1086	1096	rBB	46744	80330	21.65%	2.297%
20	9.659	1156	1161	1168	rBB	43638	70660	19.05%	2.020%
21	9.941	1203	1209	1216	rBB	40465	68855	18.56%	1.969%
22	10.006	1216	1220	1226	rBB2	8436	13319	3.59%	0.381%
23	10.082	1229	1233	1237	rBB	717	1133	0.31%	0.032%
24	10.564	1309	1315	1325	rBV	46422	87236	23.51%	2.494%
25	10.775	1347	1351	1357	rBB2	3199	4605	1.24%	0.132%
26	10.858	1358	1365	1374	rBB	56753	98611	26.58%	2.819%
27	11.010	1387	1391	1396	rBB2	771	1367	0.37%	0.039%
28	11.398	1452	1457	1464	rBB2	13837	24997	6.74%	0.715%
29	11.510	1470	1476	1480	rBB3	6109	9678	2.61%	0.277%
30	12.009	1558	1561	1564	rBB	1056	1011	0.27%	0.029%
31	12.432	1631	1633	1637	rBB	415	548	0.15%	0.016%
32	12.579	1654	1658	1661	rBB2	920	1202	0.32%	0.034%
33	12.655	1667	1671	1673	rBV	925	968	0.26%	0.028%
34	12.691	1673	1677	1681	rVB2	1520	2203	0.59%	0.063%

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35	12.785	1689	1693	1695	rBB	488	529	0.14%	0.015%
36	13.484	1806	1812	1818	rBB	84530	128640	34.68%	3.678%
37	13.607	1830	1833	1838	rBB3	1653	2294	0.62%	0.066%
38	13.690	1841	1847	1853	rBB	49677	73386	19.78%	2.098%
39	13.860	1873	1876	1879	rBB	804	977	0.26%	0.028%
40	14.071	1906	1912	1918	rBV	120697	175162	47.22%	5.008%
41	14.124	1918	1921	1924	rVB2	1211	1238	0.33%	0.035%
42	14.160	1924	1927	1931	rBB	589	786	0.21%	0.022%
43	14.365	1956	1962	1969	rBV	127386	197887	53.34%	5.658%
44	14.424	1969	1972	1976	rVB2	10709	12413	3.35%	0.355%
45	14.565	1992	1996	2001	rBB	2654	3704	1.00%	0.106%
46	14.665	2004	2013	2020	rBB2	89722	148984	40.16%	4.260%
47	15.111	2085	2089	2096	rBV	3332	5257	1.42%	0.150%
48	15.399	2134	2138	2141	rBB	2054	2719	0.73%	0.078%
49	15.658	2176	2182	2190	rBB	177600	253484	68.33%	7.247%
50	15.787	2199	2204	2213	rBB	55379	78231	21.09%	2.237%
51	15.893	2219	2222	2225	rBB	862	987	0.27%	0.028%
52	17.409	2474	2480	2489	rVB	125430	183587	49.49%	5.249%
53	17.509	2490	2497	2506	rBV2	195182	293803	79.20%	8.400%
54	17.567	2506	2507	2512	rVB	576	542	0.15%	0.015%
55	18.343	2638	2639	2643	rVB	395	396	0.11%	0.011%
56	18.402	2643	2649	2652	rBV	605	1087	0.29%	0.031%
57	18.507	2663	2667	2668	rBV	289	397	0.11%	0.011%
58	18.913	2735	2736	2739	rVV	541	393	0.11%	0.011%
59	19.001	2747	2751	2753	rBV	739	526	0.14%	0.015%
60	19.248	2791	2793	2794	rBV	474	456	0.12%	0.013%
61	19.312	2801	2804	2805	rVB	636	495	0.13%	0.014%
62	19.359	2809	2812	2813	rBV	616	472	0.13%	0.013%
63	19.424	2818	2823	2828	rVV	1790	3305	0.89%	0.094%
64	19.541	2840	2843	2846	rBV3	832	1183	0.32%	0.034%
65	19.571	2846	2848	2850	rBV2	530	399	0.11%	0.011%
66	19.677	2863	2866	2871	rVV2	1366	1794	0.48%	0.051%
67	19.735	2874	2876	2878	rBV2	398	459	0.12%	0.013%
68	19.788	2878	2885	2893	rVV	258504	370986	100.00%	10.607%
69	19.847	2893	2895	2897	rVV3	703	660	0.18%	0.019%
70	19.865	2897	2898	2901	rVB2	968	561	0.15%	0.016%
71	19.941	2909	2911	2914	rVB2	556	604	0.16%	0.017%

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72	19.965	2914	2915	2916	rBV	948	509	0.14%	0.015%
73	20.000	2919	2921	2922	rBV2	1018	463	0.12%	0.013%
74	20.017	2922	2924	2925	rBV	558	394	0.11%	0.011%
75	20.047	2927	2929	2931	rVV3	857	791	0.21%	0.023%
76	20.088	2934	2936	2939	rVV2	643	496	0.13%	0.014%
77	20.111	2939	2940	2942	rVB2	1015	425	0.11%	0.012%
78	20.147	2944	2946	2947	rVV	803	468	0.13%	0.013%
79	20.188	2952	2953	2955	rBV	811	646	0.17%	0.018%
80	20.229	2958	2960	2962	rBV	844	679	0.18%	0.019%
81	20.247	2962	2963	2966	rBV2	1103	792	0.21%	0.023%
82	20.282	2968	2969	2972	rVB2	1153	736	0.20%	0.021%
83	20.311	2972	2974	2975	rBV2	734	710	0.19%	0.020%
84	20.341	2977	2979	2980	rBV2	713	564	0.15%	0.016%
85	20.411	2988	2991	2993	rBV3	1502	1688	0.46%	0.048%
86	20.435	2993	2995	2996	rVB2	1156	629	0.17%	0.018%
87	20.752	3047	3049	3052	rBV4	915	850	0.23%	0.024%
88	20.822	3057	3061	3063	rBV4	1249	1409	0.38%	0.040%
89	20.869	3067	3069	3070	rBV2	1063	676	0.18%	0.019%
90	20.916	3075	3077	3078	rBV2	978	585	0.16%	0.017%
91	21.304	3141	3143	3144	rBV2	1370	794	0.21%	0.023%
92	21.663	3198	3204	3213	rBV	144424	238120	64.19%	6.808%
93	23.096	3444	3448	3450	rBV5	3468	5071	1.37%	0.145%
94	23.801	3566	3568	3569	rVB	2031	1136	0.31%	0.032%
95	24.653	3704	3713	3724	rVB2	134255	349208	94.13%	9.984%
96	24.871	3742	3750	3763	rVB2	82418	221254	59.64%	6.326%
97	25.910	3925	3927	3928	rBV2	2796	1858	0.50%	0.053%
98	31.792	4926	4928	4929	rVB2	1728	667	0.18%	0.019%
99	32.033	4967	4969	4971	rBV3	2094	1419	0.38%	0.041%
100	32.567	5058	5060	5062	rBV3	1764	993	0.27%	0.028%

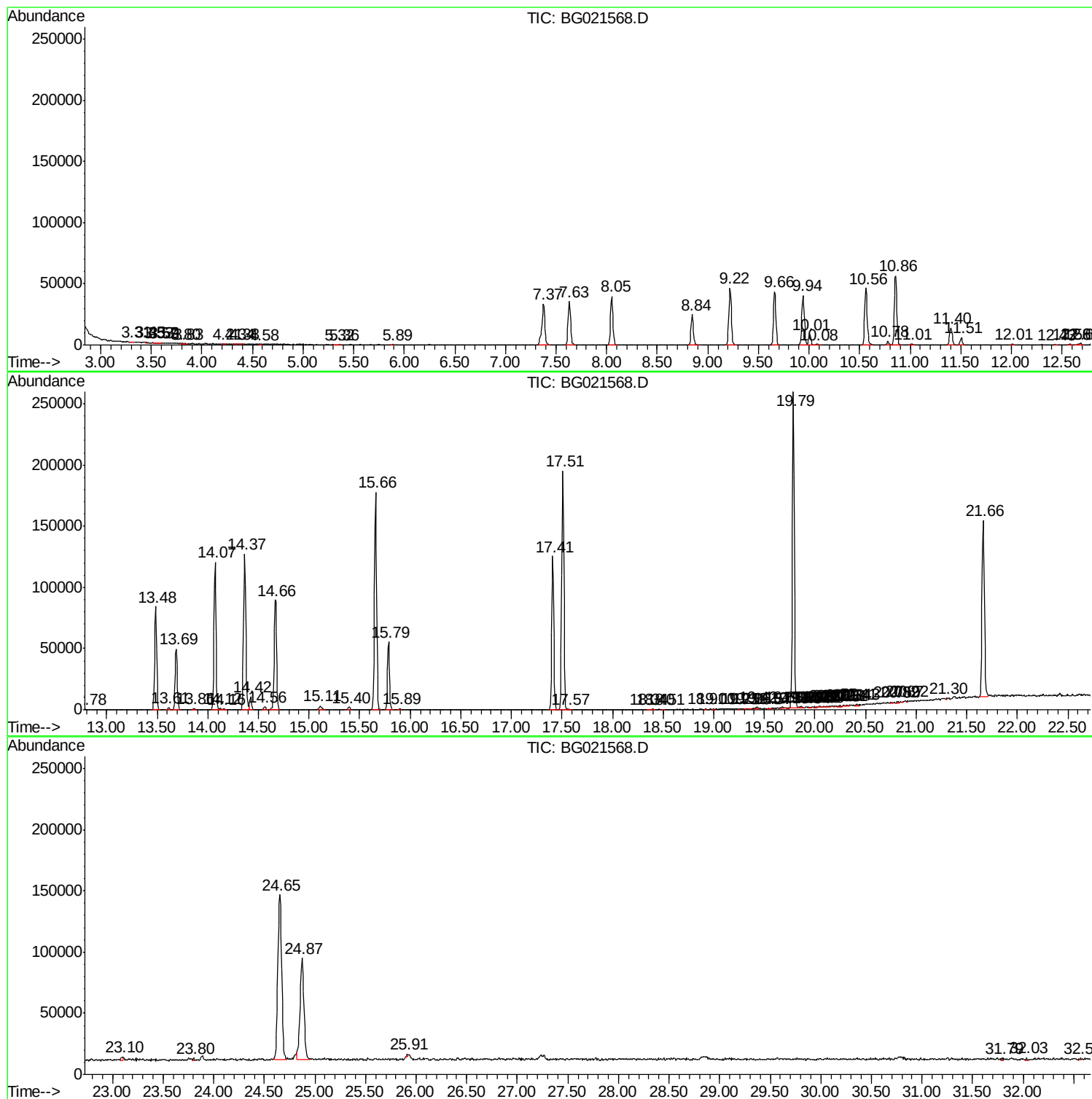
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



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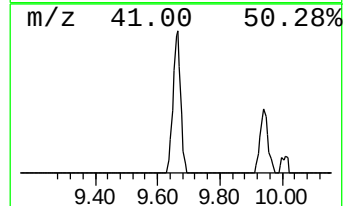
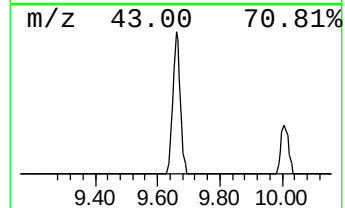
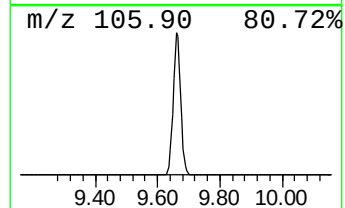
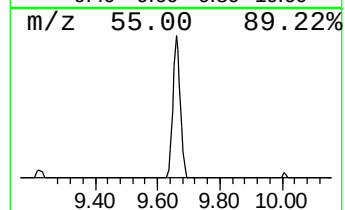
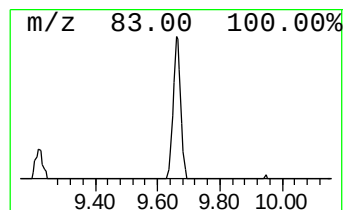
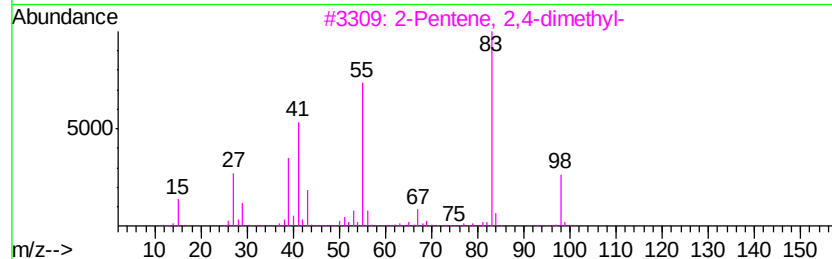
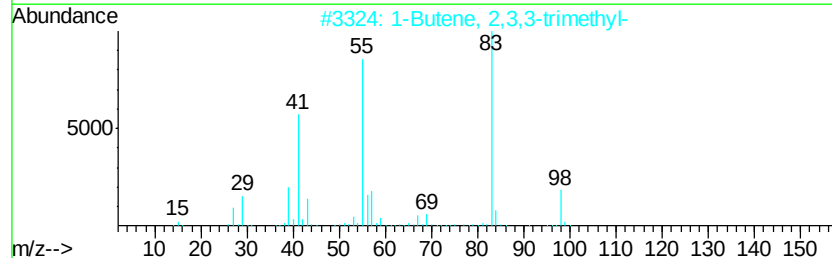
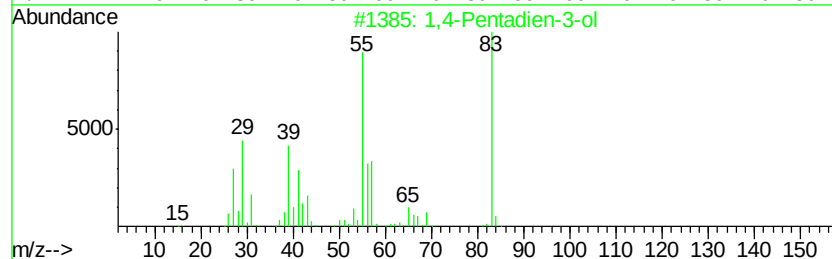
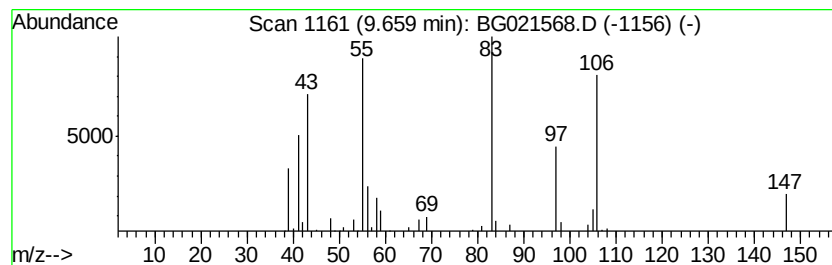
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	14.33 ng/ul	70660	Naphthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	30
2		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25
4		1-Propenylaziridine	83	C5H9N	1000192-51-0	22
5		Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	22



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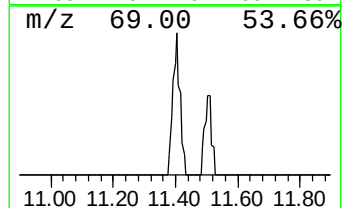
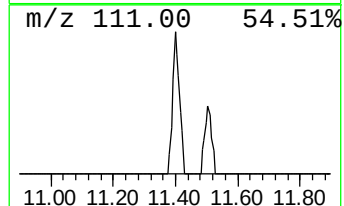
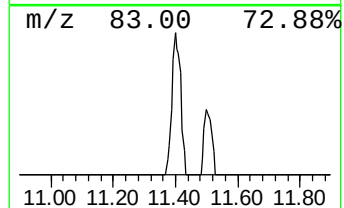
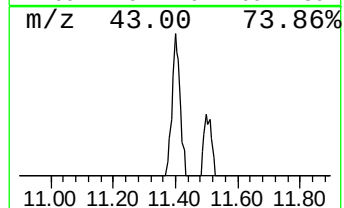
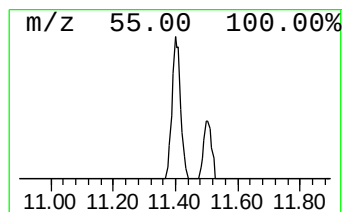
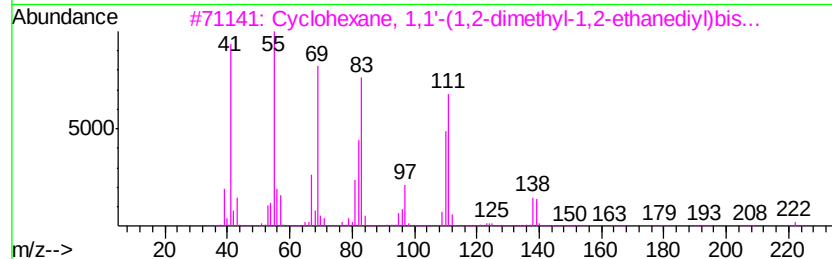
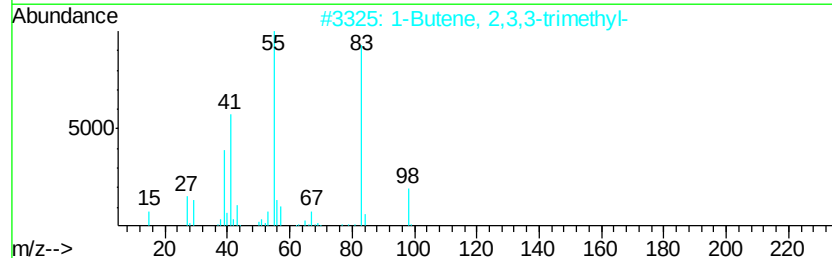
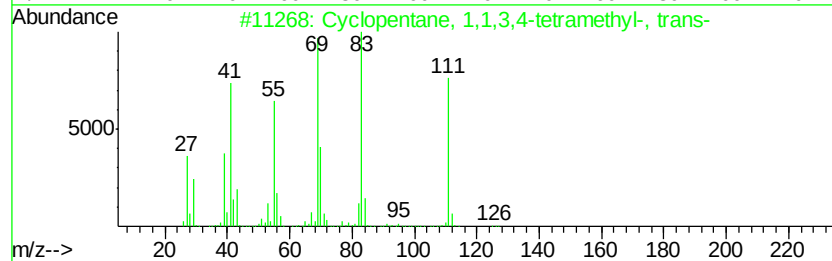
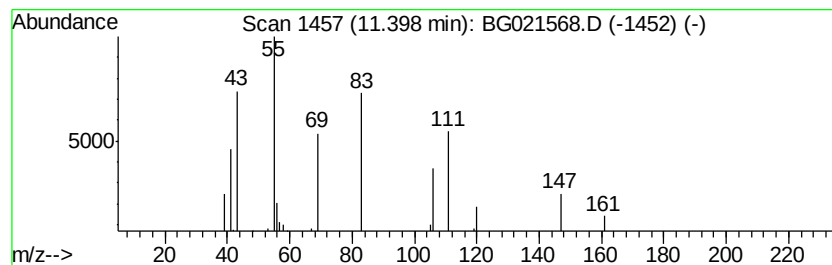
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Cyclic11.40 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.07 ng/ul	24997	Napthalene-d8	10.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	38
2		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3		Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	23
4		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	22
5		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	16



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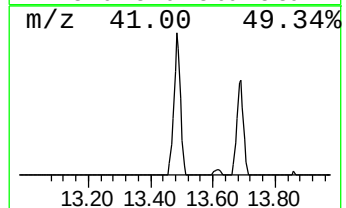
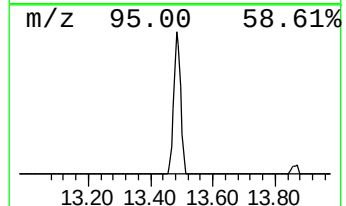
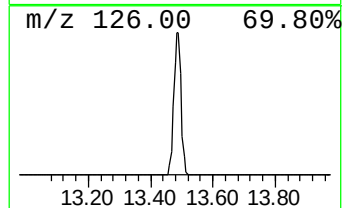
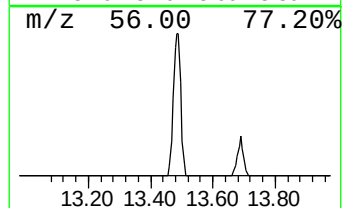
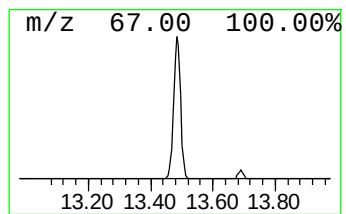
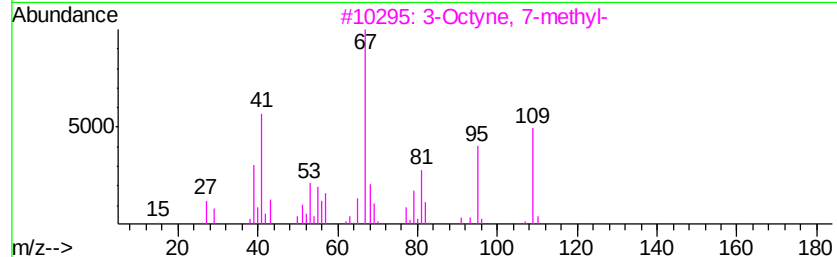
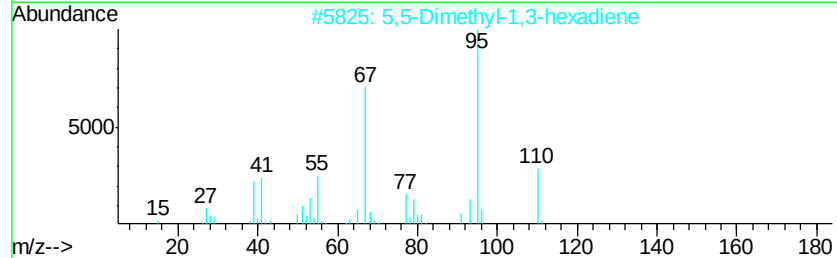
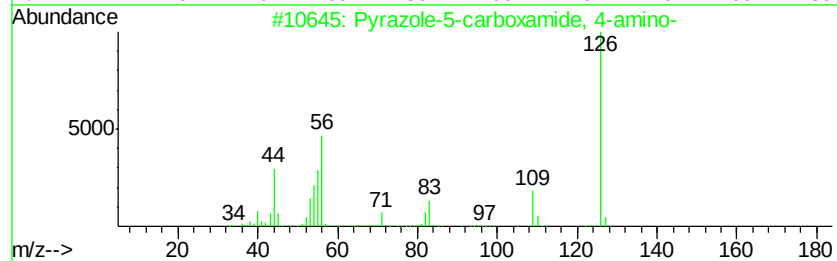
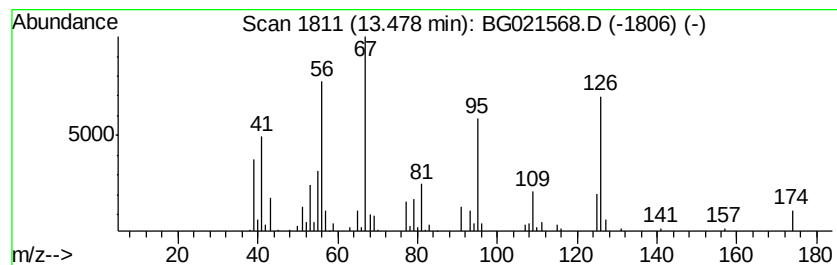
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	17.27 ng/ul	128640	Acenaphthene-d10	14.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazole-5-carboxamide, 4-amino-	126	C4H6N4O	1000273-71-8	38
2		5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	27
3		3-Octyne, 7-methyl-	124	C9H16	037050-06-9	25
4		Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22
5		4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	16



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Misc :
ALS Vial : 15 Sample Multiplier: 1

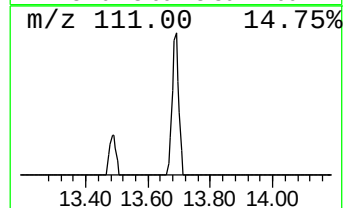
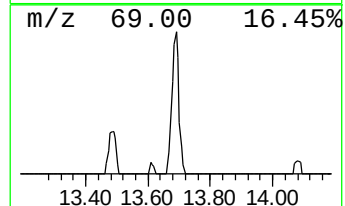
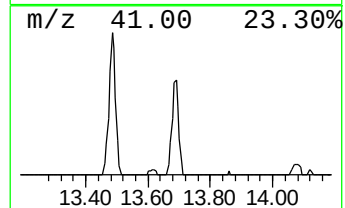
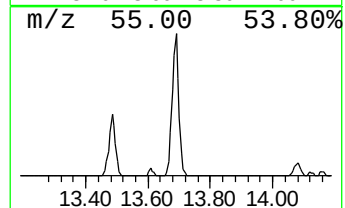
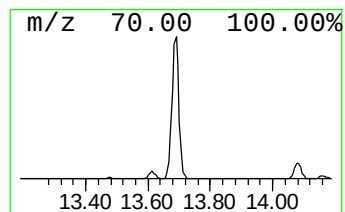
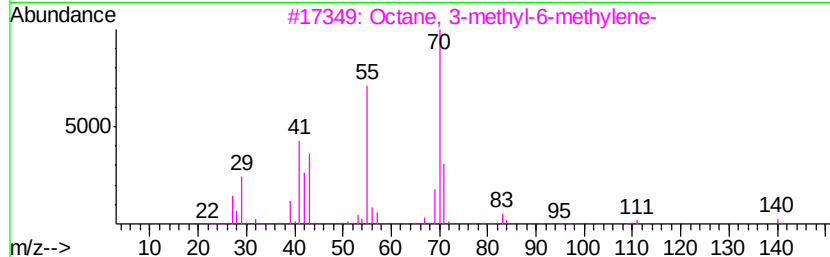
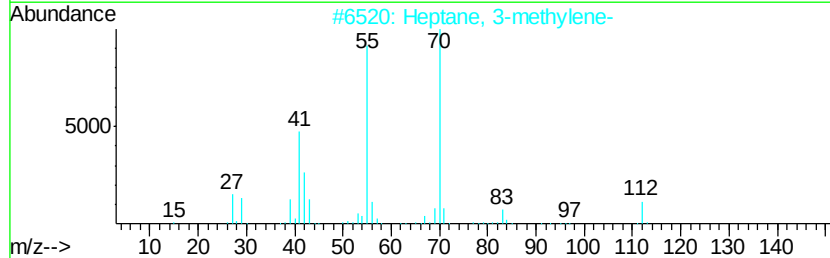
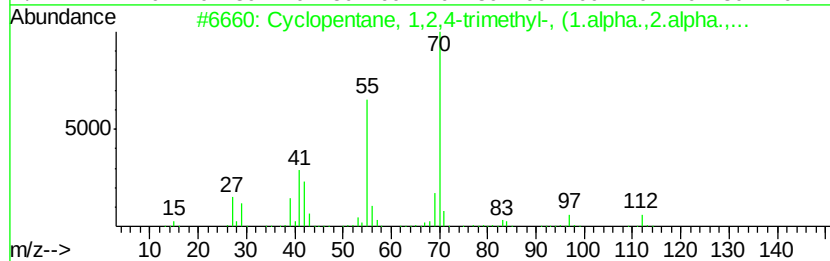
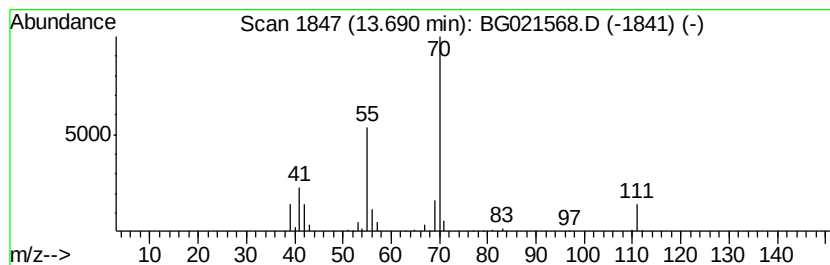
Instrument :
BNA_G
ClientSampleId :
C0AE2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic13.69 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.69	9.85 ng/ul	73386	Acenaphthene-d10	14.66	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
2	Heptane, 3-methylene-	112	C8H16	001632-16-2	72
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
4	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	72
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
Data File : BG021568.D
Acq On : 30 Mar 2016 1:32
Operator : UM/SJ
Sample : H1910-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AE2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.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
unknown-01	9.66	14.3	ng/ul	70660	2	10.86	98611	20.0
(DEL) Alkane: Cyc...	11.40	5.1	ng/ul	24997	2	10.86	98611	20.0
unknown-02	13.48	17.3	ng/ul	128640	3	14.66	148984	20.0
(DEL) Alkane: Cyc...	13.69	9.8	ng/ul	73386	3	14.66	148984	20.0