

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
 Data File : BM019350.D
 Acq On : 23 Mar 2019 13:58
 Operator : JU/SJ
 Sample : K2027-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C09A3

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.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	3.152	26	28	33	rVB	23457	27104	0.67%	0.075%
2	3.752	128	130	137	rVB4	7388	11590	0.29%	0.032%
3	6.651	620	623	625	rBV3	2850	4102	0.10%	0.011%
4	6.798	643	648	663	rVV	81988	193518	4.78%	0.537%
5	6.963	668	676	699	rBV	332910	640846	15.84%	1.779%
6	7.145	701	707	720	rVV	401921	690416	17.07%	1.916%
7	7.610	780	786	801	rBV	463535	814562	20.14%	2.261%
8	7.969	843	847	851	rVB4	4796	6920	0.17%	0.019%
9	8.328	902	908	924	rBV	281637	530935	13.13%	1.474%
10	8.781	979	985	1000	rBV	416029	767812	18.98%	2.131%
11	9.116	1036	1042	1046	rBV2	7365	10658	0.26%	0.030%
12	9.222	1055	1060	1069	rBV	99931	165793	4.10%	0.460%
13	9.498	1100	1107	1115	rBV	333433	622681	15.39%	1.728%
14	9.557	1115	1117	1125	rVV4	27542	46061	1.14%	0.128%
15	9.633	1125	1130	1134	rVB4	3380	6187	0.15%	0.017%
16	10.028	1191	1197	1227	rBV	371583	943425	23.32%	2.618%
17	10.263	1233	1237	1245	rVB7	4737	8712	0.22%	0.024%
18	10.392	1252	1259	1273	rVB	692720	1177342	29.11%	3.268%
19	10.598	1287	1294	1304	rBV3	16334	45610	1.13%	0.127%
20	10.957	1349	1355	1365	rVB2	29385	57782	1.43%	0.160%
21	11.057	1365	1372	1378	rBV5	17653	31902	0.79%	0.089%
22	11.457	1435	1440	1443	rBV2	2305	4323	0.11%	0.012%
23	11.592	1457	1463	1464	rBV3	5588	7342	0.18%	0.020%
24	12.027	1532	1537	1538	rBV	4540	5244	0.13%	0.015%
25	12.145	1554	1557	1563	rVB5	4991	8998	0.22%	0.025%
26	12.233	1567	1572	1576	rBV3	10717	20230	0.50%	0.056%
27	12.369	1590	1595	1599	rBV3	4567	6019	0.15%	0.017%
28	13.086	1710	1717	1723	rBV	553665	808059	19.98%	2.243%
29	13.151	1723	1728	1734	rVV2	40793	70343	1.74%	0.195%
30	13.210	1734	1738	1742	rVV	21263	30726	0.76%	0.085%
31	13.292	1745	1752	1760	rVB	341622	511364	12.64%	1.419%
32	13.469	1778	1782	1787	rVB3	5481	9583	0.24%	0.027%
33	13.692	1814	1820	1825	rBV	1181162	1722312	42.58%	4.780%
34	13.739	1825	1828	1837	rVB2	47456	83247	2.06%	0.231%

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35	13.963	1860	1866	1875	rBV	1377804	2030603	50.20%	5.636%
36	14.033	1875	1878	1886	rVV3	76908	119214	2.95%	0.331%
37	14.116	1889	1892	1894	rVV3	4927	5925	0.15%	0.016%
38	14.174	1897	1902	1907	rVV	27398	42122	1.04%	0.117%
39	14.268	1907	1918	1931	rVV2	1090062	1742662	43.08%	4.837%
40	14.551	1958	1966	1978	rBV6	26577	96837	2.39%	0.269%
41	14.721	1992	1995	2000	rBV5	2986	4988	0.12%	0.014%
42	14.851	2014	2017	2018	rBV3	5053	4548	0.11%	0.013%
43	14.892	2021	2024	2025	rBV2	4439	4519	0.11%	0.013%
44	14.939	2025	2032	2033	rBV3	12766	21592	0.53%	0.060%
45	15.033	2045	2048	2052	rBV2	11671	16919	0.42%	0.047%
46	15.268	2082	2088	2102	rBV	1837784	2617911	64.72%	7.266%
47	15.410	2106	2112	2125	rVV	509731	790735	19.55%	2.195%
48	15.515	2126	2130	2136	rVB4	22843	34361	0.85%	0.095%
49	16.057	2219	2222	2226	rVB5	7378	10888	0.27%	0.030%
50	16.227	2247	2251	2256	rBV5	3433	8262	0.20%	0.023%
51	16.345	2269	2271	2275	rVB5	3233	4297	0.11%	0.012%
52	16.380	2275	2277	2279	rBV3	4118	4555	0.11%	0.013%
53	16.457	2286	2290	2292	rBV3	4303	5976	0.15%	0.017%
54	16.821	2349	2352	2355	rBV3	6225	6201	0.15%	0.017%
55	16.939	2368	2372	2378	rVB6	5536	10008	0.25%	0.028%
56	17.027	2381	2387	2397	rBV2	1408357	1973630	48.79%	5.478%
57	17.127	2398	2404	2413	rBV	2059350	2924224	72.29%	8.116%
58	17.915	2535	2538	2546	rBV4	54362	94779	2.34%	0.263%
59	18.033	2556	2558	2563	rVB5	14087	14623	0.36%	0.041%
60	19.068	2731	2734	2738	rBV	23722	34514	0.85%	0.096%
61	19.109	2738	2741	2749	rVB7	20681	33977	0.84%	0.094%
62	19.209	2755	2758	2765	rVB7	25186	41401	1.02%	0.115%
63	19.321	2774	2777	2781	rVB3	17294	20776	0.51%	0.058%
64	19.433	2790	2796	2807	rBV2	2449061	3442617	85.11%	9.555%
65	19.968	2883	2887	2890	rBV4	19063	22284	0.55%	0.062%
66	20.939	3048	3052	3059	rBV5	51062	110381	2.73%	0.306%
67	21.233	3097	3102	3112	rBV	1724394	2374801	58.71%	6.591%
68	21.797	3195	3198	3202	rBV	64607	71304	1.76%	0.198%
69	22.250	3272	3275	3281	rVB2	129395	151331	3.74%	0.420%
70	22.750	3356	3360	3367	rVB	148597	220193	5.44%	0.611%
71	23.309	3448	3455	3467	rBV2	2269057	4044876	100.00%	11.226%

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72	23.450	3472	3479	3490	rBV	1326685	2528105	62.50%	7.016%
73	23.938	3558	3562	3569	rVB	145171	252364	6.24%	0.700%

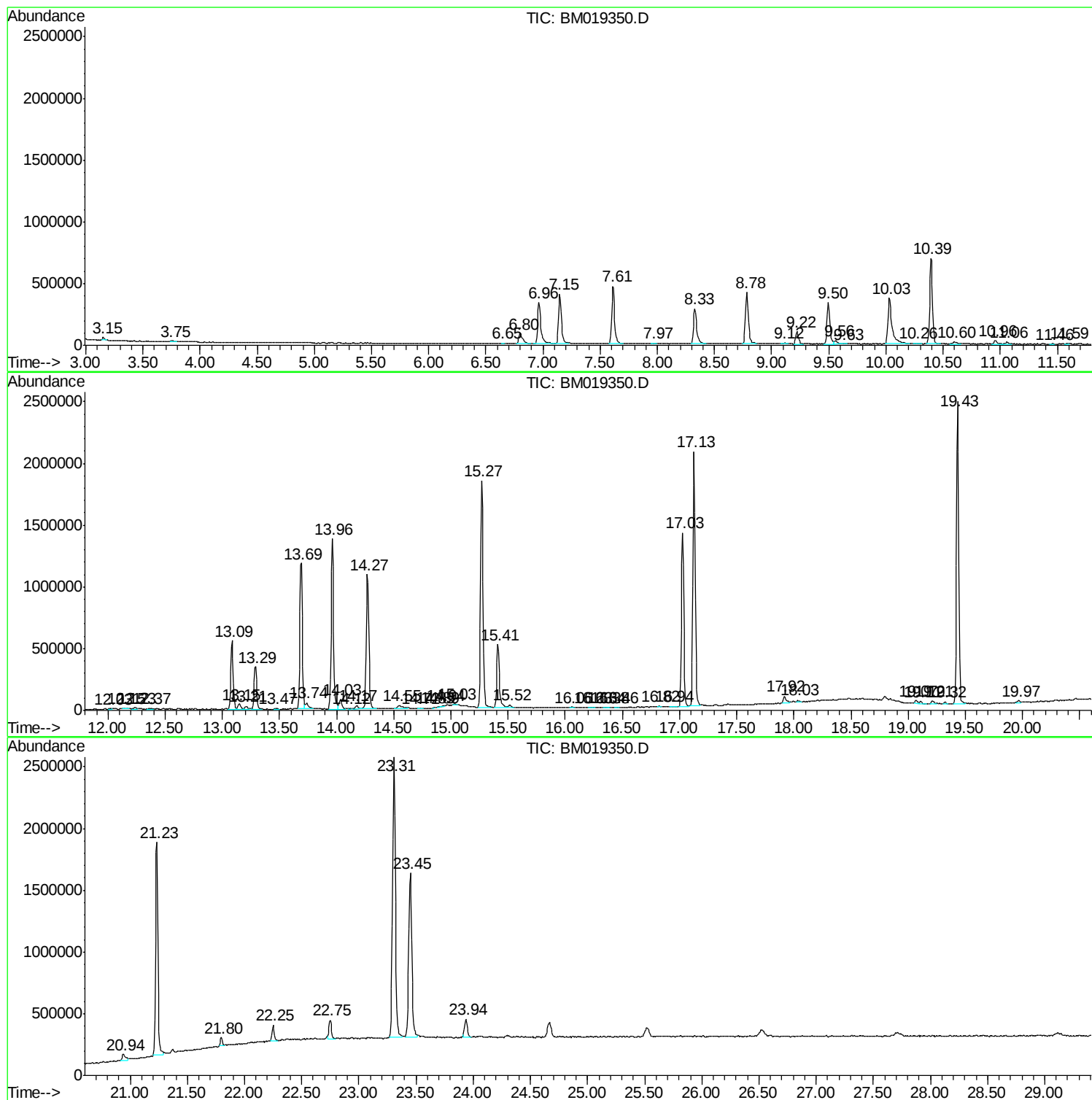
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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



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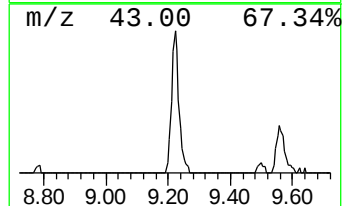
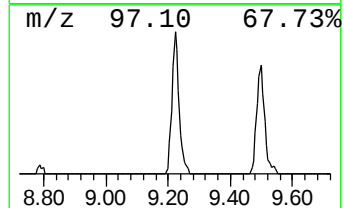
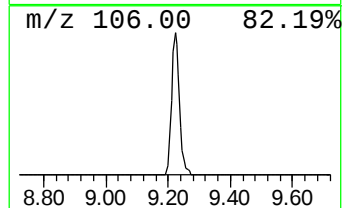
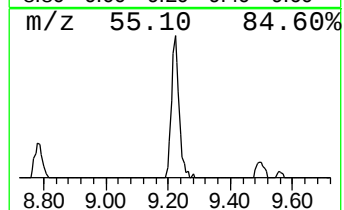
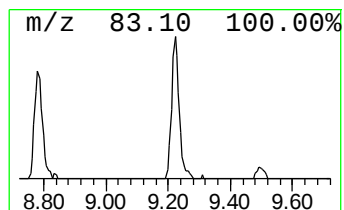
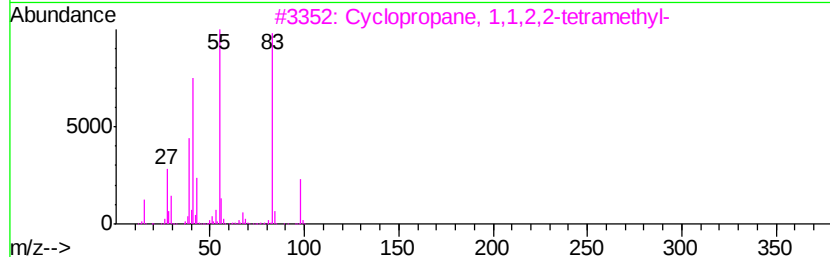
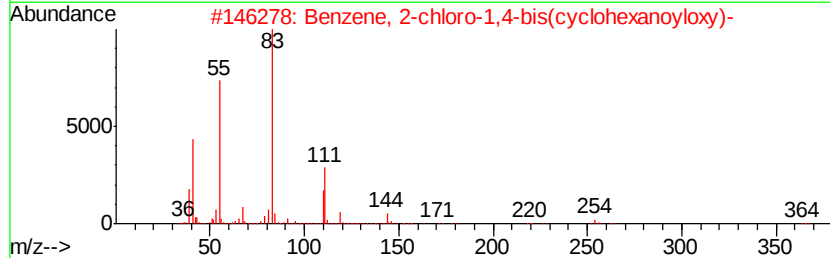
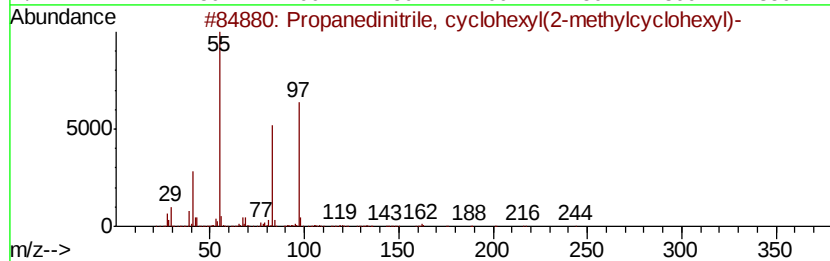
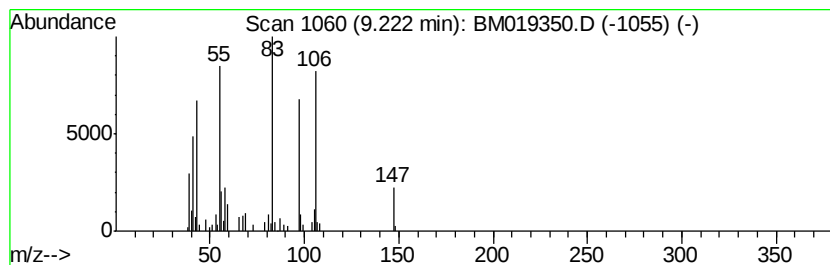
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	2.82 ng/ul	165793	Naphthalene-d8	10.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	25
2		Benzene, 2-chloro-1,4-bis(cyclohexyl)-	364	C20H25ClO4	294874-04-7	22
3		Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	22
4		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	22
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	22



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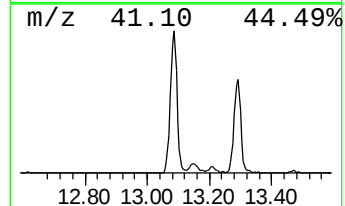
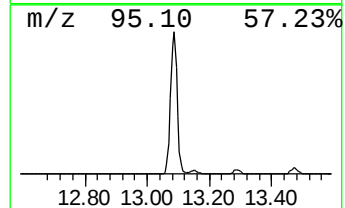
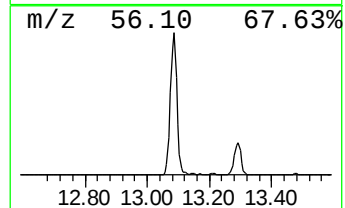
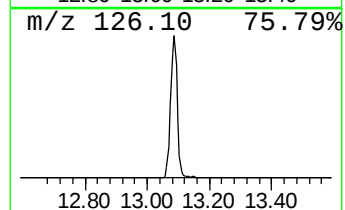
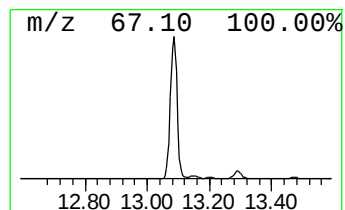
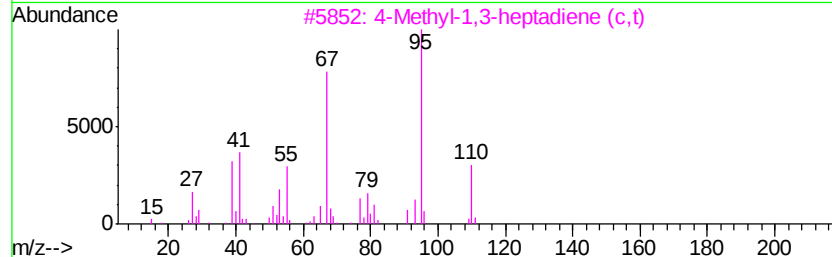
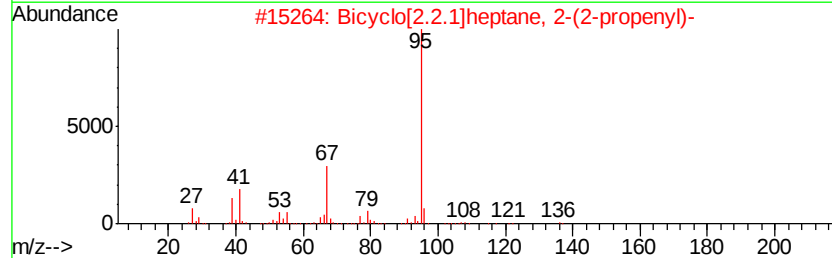
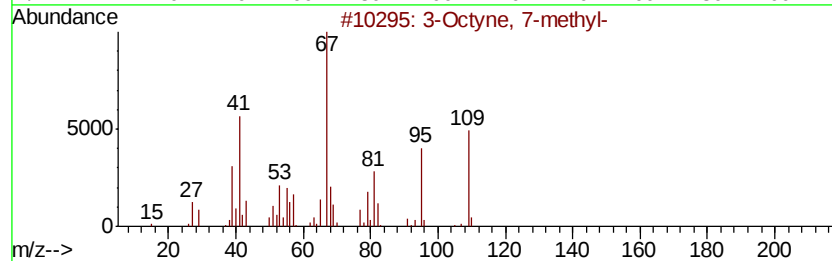
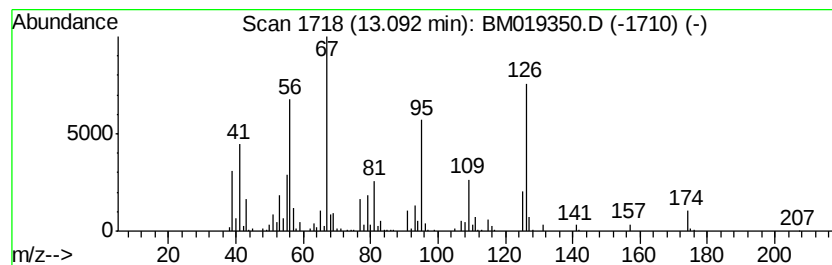
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	9.27 ng/ul	808059	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	16
2		Bicyclo[2.2.1]heptane, 2-(2-prop...	136	C10H16	002633-80-9	14
3		4-Methyl-1,3-heptadiene (c,t)	110	C8H14	017603-57-5	14
4		1,4-Hexadiene, (Z)-	82	C6H10	007318-67-4	14
5		Cyclopropane, 1,2-dimethyl-3-met...	82	C6H10	062338-02-7	14



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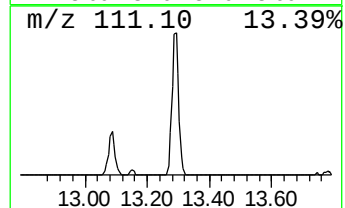
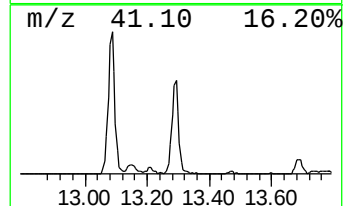
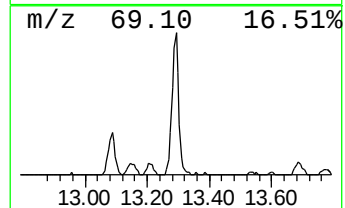
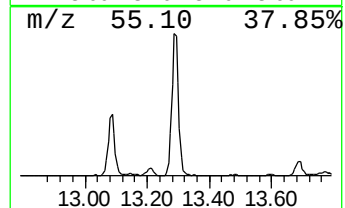
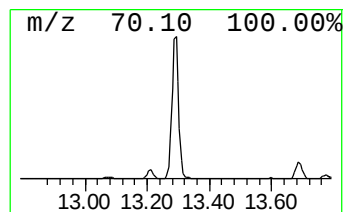
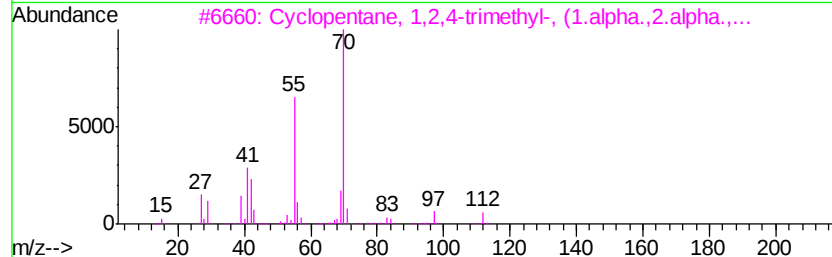
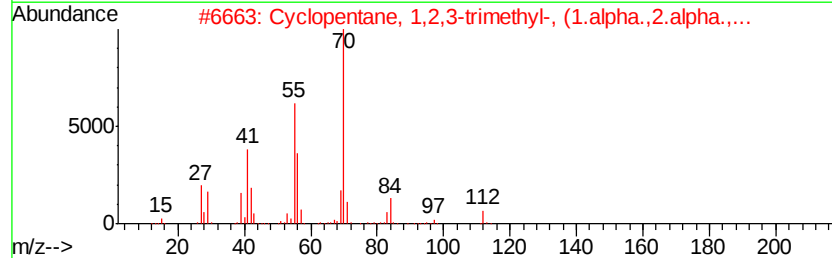
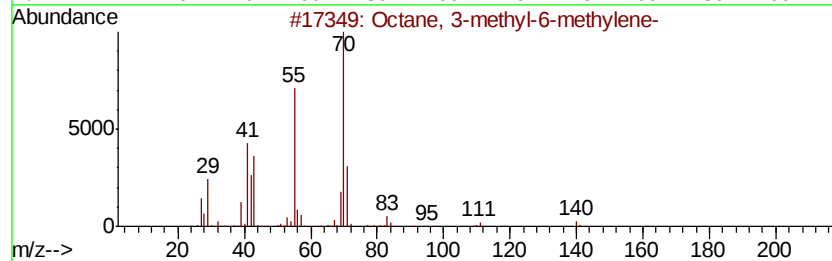
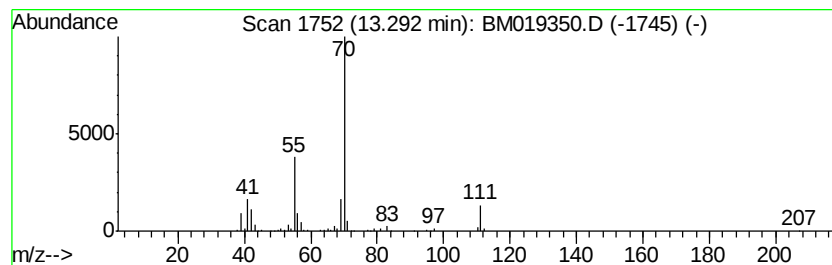
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 (DEL) Alkane: Cyclic13.29 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	5.87 ng/ul	511364	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
2		Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
3		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	64
4		Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	50
5		Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	9.22	2.8	ng/ul	165793	2	10.39	1177340	20.0
unknown-02	13.09	9.3	ng/ul	808059	3	14.27	1742660	20.0
(DEL) Alkane: Cyc...	13.29	5.9	ng/ul	511364	3	14.27	1742660	20.0