

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120118\
 Data File : BM017835.D
 Acq On : 30 Nov 2018 23:12
 Operator : JU/SJ
 Sample : J6096-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4116

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-BM111918MA.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	3.105	16	20	21	rBV4	4553	5741	0.11%	0.010%
2	3.181	31	33	42	rVB2	14769	22185	0.42%	0.039%
3	3.787	131	136	142	rBV6	9717	16327	0.31%	0.029%
4	4.228	207	211	220	rVB2	49698	68638	1.29%	0.120%
5	4.363	231	234	239	rBV2	16603	20769	0.39%	0.036%
6	4.769	298	303	314	rBV	171395	243467	4.57%	0.426%
7	5.146	362	367	369	rBV4	4396	5845	0.11%	0.010%
8	5.175	369	372	378	rVB5	6485	10541	0.20%	0.018%
9	5.675	451	457	464	rBV	109391	167886	3.15%	0.294%
10	6.628	615	619	624	rBV2	11245	16682	0.31%	0.029%
11	6.704	628	632	636	rVV2	5803	7747	0.15%	0.014%
12	6.775	636	644	656	rVB	226660	448335	8.42%	0.785%
13	6.934	665	671	685	rBV	863898	1355823	25.46%	2.372%
14	7.122	696	703	714	rBV	996063	1587365	29.81%	2.778%
15	7.193	714	715	724	rVB6	6609	9441	0.18%	0.017%
16	7.587	775	782	789	rBV	851892	1396590	26.22%	2.444%
17	7.651	789	793	800	rVB2	36934	61055	1.15%	0.107%
18	8.293	895	902	918	rBV	716217	1227025	23.04%	2.147%
19	8.410	918	922	931	rVB2	9388	17636	0.33%	0.031%
20	8.675	960	967	971	rBV	60589	98129	1.84%	0.172%
21	8.740	971	978	986	rVV	1102839	1821052	34.19%	3.187%
22	8.904	1001	1006	1015	rVB9	12073	25343	0.48%	0.044%
23	9.451	1090	1099	1115	rBV	955919	1629049	30.59%	2.851%
24	9.634	1124	1130	1138	rBV3	8312	19177	0.36%	0.034%
25	9.981	1182	1189	1211	rBV	1171795	2335403	43.85%	4.087%
26	10.134	1211	1215	1221	rVB6	7134	14226	0.27%	0.025%
27	10.222	1226	1230	1235	rVB4	2938	5626	0.11%	0.010%
28	10.292	1235	1242	1246	rBV3	18509	41412	0.78%	0.072%
29	10.351	1246	1252	1260	rVV	1267215	2121043	39.83%	3.711%
30	10.416	1260	1263	1270	rVB6	10907	21934	0.41%	0.038%
31	10.534	1277	1283	1291	rBV4	15332	35770	0.67%	0.063%
32	10.763	1316	1322	1329	rBV2	17057	29326	0.55%	0.051%
33	10.904	1341	1346	1352	rBV3	15020	33267	0.62%	0.058%
34	10.975	1352	1358	1364	rVB2	13978	31123	0.58%	0.054%

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35	11.186	1386	1394	1404	rBV5	11944	34493	0.65%	0.060%
36	11.669	1469	1476	1491	rBV2	121436	290570	5.46%	0.508%
37	11.957	1520	1525	1530	rBV2	18896	29337	0.55%	0.051%
38	12.516	1613	1620	1624	rBV4	9750	14929	0.28%	0.026%
39	12.569	1624	1629	1637	rVB3	13496	24337	0.46%	0.043%
40	12.828	1668	1673	1683	rBV3	31436	45543	0.86%	0.080%
41	13.069	1709	1714	1719	rBV	42210	61636	1.16%	0.108%
42	13.122	1721	1723	1725	rVV3	5523	5996	0.11%	0.010%
43	13.169	1727	1731	1752	rVB5	58931	188932	3.55%	0.331%
44	13.651	1806	1813	1828	rBV	2574888	3582427	67.27%	6.269%
45	13.922	1851	1859	1874	rBV	3039318	4401813	82.65%	7.702%
46	14.233	1903	1912	1922	rBV2	1755519	2781047	52.22%	4.866%
47	14.322	1922	1927	1933	rVB2	35887	50533	0.95%	0.088%
48	14.480	1949	1954	1964	rBV3	72449	203062	3.81%	0.355%
49	14.851	2013	2017	2023	rVB3	6206	9688	0.18%	0.017%
50	14.922	2023	2029	2034	rBV	47679	79136	1.49%	0.138%
51	15.074	2051	2055	2064	rVB	16524	21383	0.40%	0.037%
52	15.233	2075	2082	2095	rBV	3799907	5325670	100.00%	9.319%
53	15.369	2099	2105	2118	rVV	1086970	1612579	30.28%	2.822%
54	15.474	2118	2123	2131	rVB2	43971	78663	1.48%	0.138%
55	15.610	2143	2146	2152	rVB3	8601	13258	0.25%	0.023%
56	16.586	2308	2312	2316	rBV4	4552	7628	0.14%	0.013%
57	16.780	2340	2345	2351	rVB5	7193	13441	0.25%	0.024%
58	16.986	2370	2380	2390	rBV2	2078424	2939637	55.20%	5.144%
59	17.086	2390	2397	2410	rBV	3678243	5275744	99.06%	9.232%
60	17.286	2427	2431	2435	rVB4	6811	9124	0.17%	0.016%
61	17.663	2489	2495	2500	rBV	644511	761165	14.29%	1.332%
62	17.898	2530	2535	2544	rVV9	15380	33650	0.63%	0.059%
63	17.968	2544	2547	2553	rVB3	9066	13473	0.25%	0.024%
64	18.104	2567	2570	2572	rBV4	4705	5851	0.11%	0.010%
65	18.139	2572	2576	2580	rVV4	6320	9619	0.18%	0.017%
66	18.345	2604	2611	2615	rVB5	3743	7474	0.14%	0.013%
67	18.962	2710	2716	2717	rVB5	5160	6313	0.12%	0.011%
68	19.027	2723	2727	2735	rBV	31084	47253	0.89%	0.083%
69	19.192	2751	2755	2761	rVB7	12265	18771	0.35%	0.033%
70	19.280	2766	2770	2774	rVB	23587	29699	0.56%	0.052%
71	19.392	2782	2789	2800	rBV	3694393	5007218	94.02%	8.762%

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72	19.639	2829	2831	2834	rBV4	5072	6454	0.12%	0.011%
73	21.192	3090	3095	3104	rBV	1868857	2480437	46.58%	4.340%
74	23.233	3436	3442	3456	rVB	2327701	4301493	80.77%	7.527%
75	23.374	3459	3466	3478	rVV	1223673	2367472	44.45%	4.143%

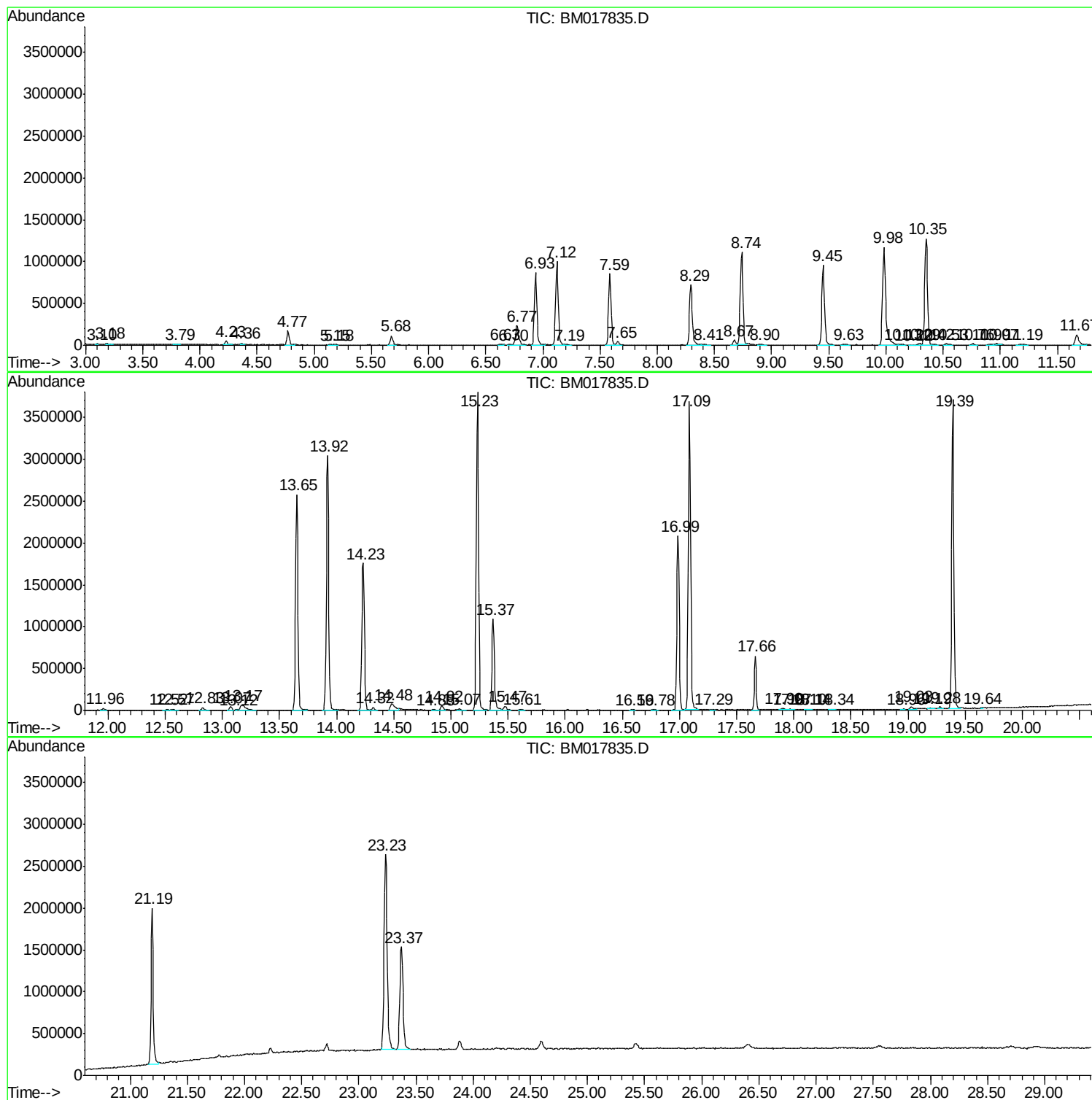
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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



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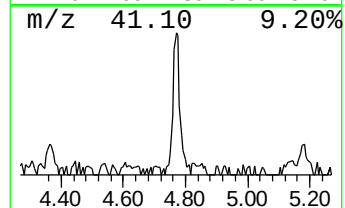
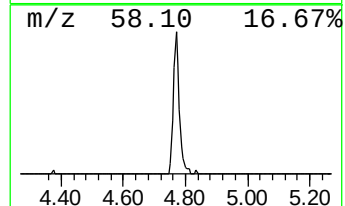
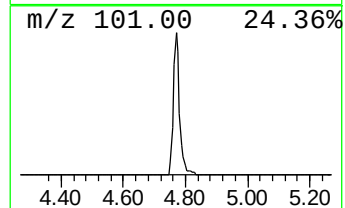
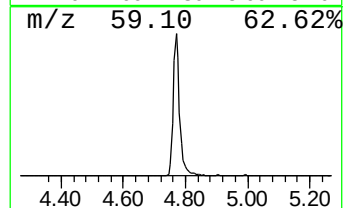
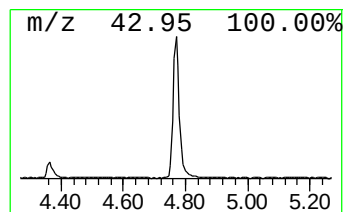
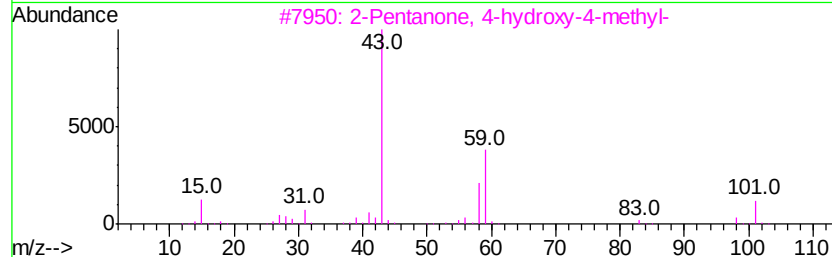
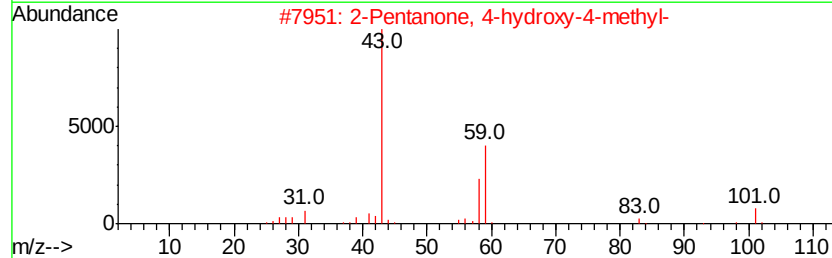
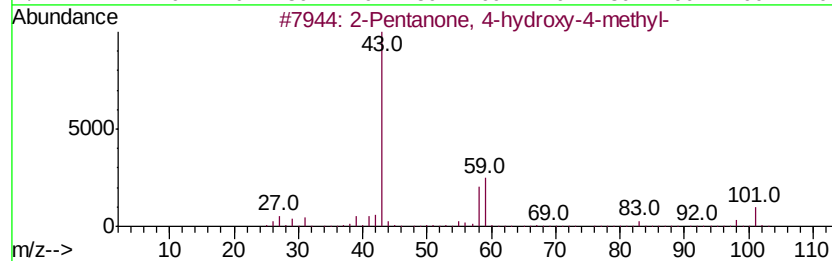
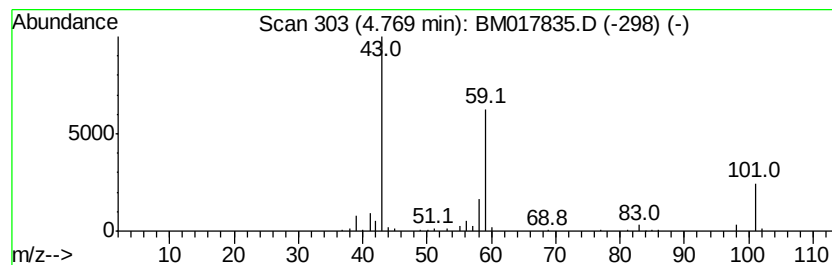
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	3.49 ng/ul	243467	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50		
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38		
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25		



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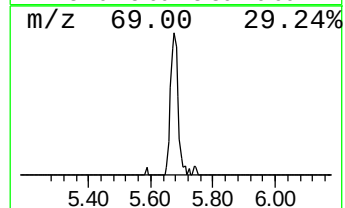
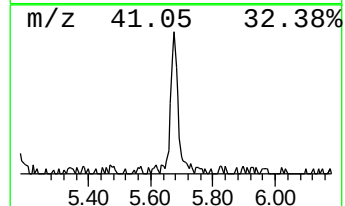
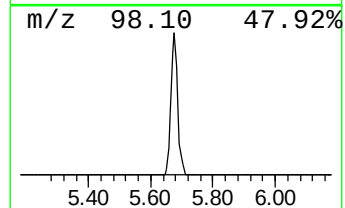
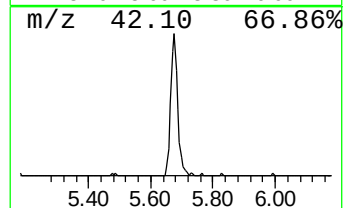
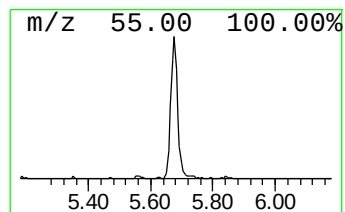
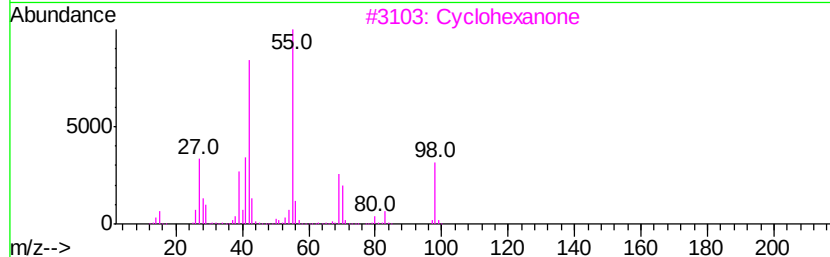
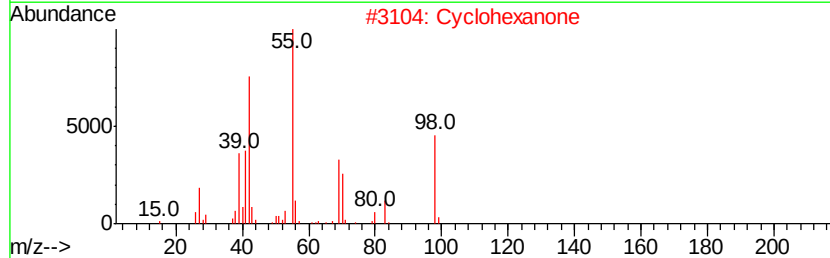
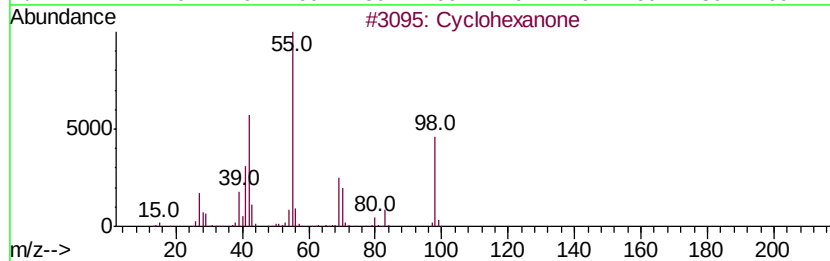
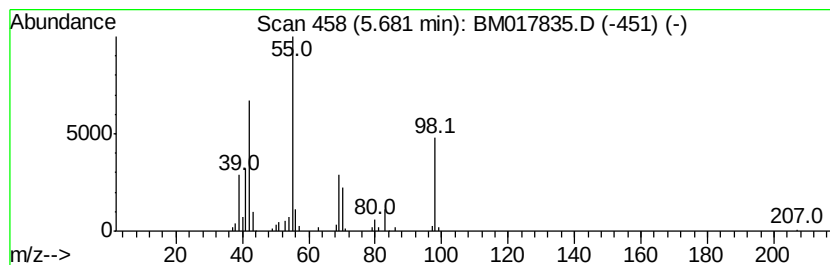
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclohexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.68	2.40 ng/ul	167886	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanone	98	C6H10O	000108-94-1	94
2		Cyclohexanone	98	C6H10O	000108-94-1	94
3		Cyclohexanone	98	C6H10O	000108-94-1	91
4		Cyclohexanone	98	C6H10O	000108-94-1	90
5		Cyclohexanone	98	C6H10O	000108-94-1	83



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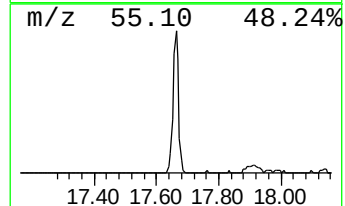
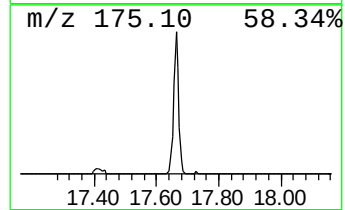
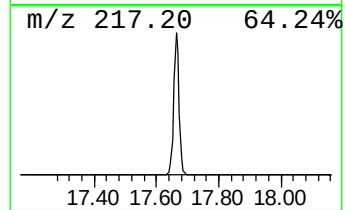
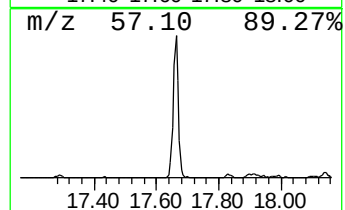
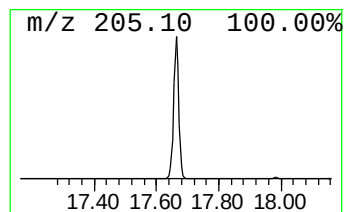
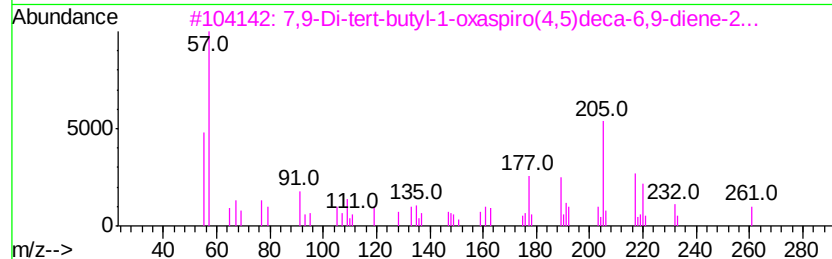
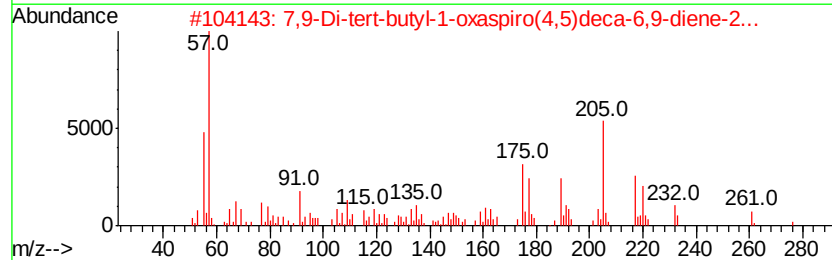
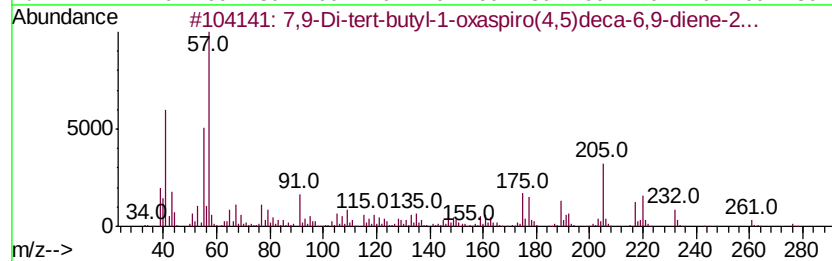
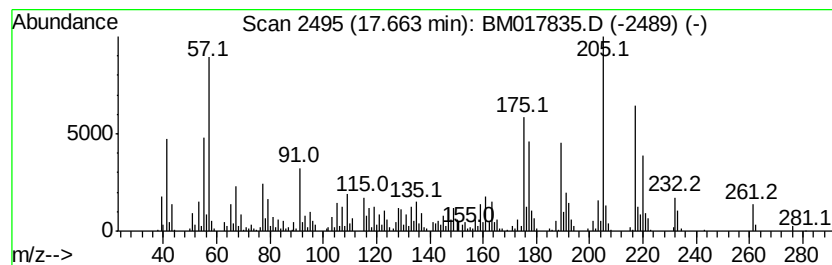
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.66	5.18 ng/ul	761165	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	98
2	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	96
3	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	90
4	2,5-Cyclohexadien-1-one, 2,6-bis(4-methylphenyl)-	232	C16H24O	006738-27-8	74
5	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	59



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.77	3.5	ng/ul	243467	1	7.59	1396590	20.0
Cyclohexanone	5.68	2.4	ng/ul	167886	1	7.59	1396590	20.0
7,9-Di-tert-butyl...	17.66	5.2	ng/ul	761165	4	16.99	2939640	20.0