LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021382.D
Acq On : 04 Jul 2019 01:05
Operator : HP/JU
Sample : K3462-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCP9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM061419MA.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	3.234	39	42	46	rBV	100791	137942	2.09%	0.216%
2	4.310	222	225	234	rVV2	54398	77093	1.17%	0.121%
3	4.393	235	239	252	rVB	205003	300125	4.56%	0.469%
4	4.899	322	325	336	rVB	75013	124434	1.89%	0.195%
5	6.846	651	656	664	rVB	259456	371654	5.64%	0.581%
6	6.928	664	670	680	rVB	251986	416069	6.32%	0.651%
7	7.093	692	698	710	rVB	732836	1209860	18.37%	1.892%
8	7.281	724	730	740	rVB	905110	1446937	21.97%	2.262%
9	7.745	803	809	820	rVB	773958	1221750	18.55%	1.910%
10	8.457	923	930	940	rBV	762920	1218376	18.50%	1.905%
11	8.910	1000	1007	1017	rBV	1075956	1766919	26.82%	2.763%
12	9.269	1063	1068	1073	rBV	112307	156005	2.37%	0.244%
13	9.622	1121	1128	1144	rVB	936318	1557743	23.65%	2.436%
14	10.163	1212	1220	1241	rBV	1452530	2570551	39.02%	4.019%
15	10.534	1275	1283	1294	rVB	1160969	1915186	29.07%	2.995%
16	11.545	1451	1455	1458	rBV6	3713	6827	0.10%	0.011%
17	11.757	1486	1491	1498	rVB2	83878	120700	1.83%	0.189%
18	12.069	1540	1544	1550	rBV2	18138	28174	0.43%	0.044%
19	12.128	1550	1554	1561	rVB2	27479	44639	0.68%	0.070%
20	13.292	1748	1752	1757	rVB5	5032	8838	0.13%	0.014%
21	13.804	1827	1839	1853	rBV	3056816	4260248	64.67%	6.661%
22	14.080	1879	1886	1897	rBV	3492273	5063269	76.86%	7.917%
23	14.392	1931	1939	1948	rBV2	1817587	2891802	43.90%	4.522%
24	14.627	1972	1979	1994	rBV	142292	295556	4.49%	0.462%
25	15.333	2094	2099	2102	rBV2	42581	50921	0.77%	0.080%
26	15.386	2102	2108	2117	rVB	4619320	6541612	99.31%	10.228%
27	15.516	2124	2130	2143	rBV	912199	1332179	20.22%	2.083%
28	15.621	2143	2148	2156	rVB2	50881	75967	1.15%	0.119%
29	16.168	2238	2241	2245	rVB4	9950	12564	0.19%	0.020%
30	16.586	2307	2312	2316	rVB	35063	44364	0.67%	0.069%
31	16.927	2364	2370	2374	rBV3	9411	11996	0.18%	0.019%
32	17.139	2400	2406	2413	rBV2	2370472	3287312	49.90%	5.140%
33	17.239	2416	2423	2437	rBV	4663591	6587354	100.00%	10.300%
34	17.651	2489	2493	2498	rVB	31106	41104	0.62%	0.064%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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-BM061419MA.M
Title : SVOA CALIBRATION

35	17.804	2516	2519	2524	rVB2	8866	11302	0.17%	0.018%
36	18.027	2553	2557	2563	rBV2	47800	71083	1.08%	0.111%
37	18.598	2649	2654	2660	rBV2	34205	43745	0.66%	0.068%
38	19.109	2737	2741	2746	rBV7	13774	22057	0.33%	0.034%
39	19.168	2746	2751	2758	rBV	57051	89170	1.35%	0.139%
40	19.309	2771	2775	2780	rBV4	39514	59244	0.90%	0.093%
41	19.398	2786	2790	2792	rBV	37861	49653	0.75%	0.078%
42	19.421	2792	2794	2799	rVB	33802	40561	0.62%	0.063%
43	19.539	2807	2814	2825	rBV	4727263	6396081	97.10%	10.001%
44	20.092	2906	2908	2912	rVB2	29177	30707	0.47%	0.048%
45	21.327	3113	3118	3123	rVB	2260096	2659366	40.37%	4.158%
46	23.450	3472	3479	3491	rVB	3481773	6340686	96.26%	9.914%
47	23.591	3497	3503	3511	rVB	1544468	2945511	44.71%	4.606%

Sum of corrected areas: 63955236

LSC Report - Integrated Chromatogram

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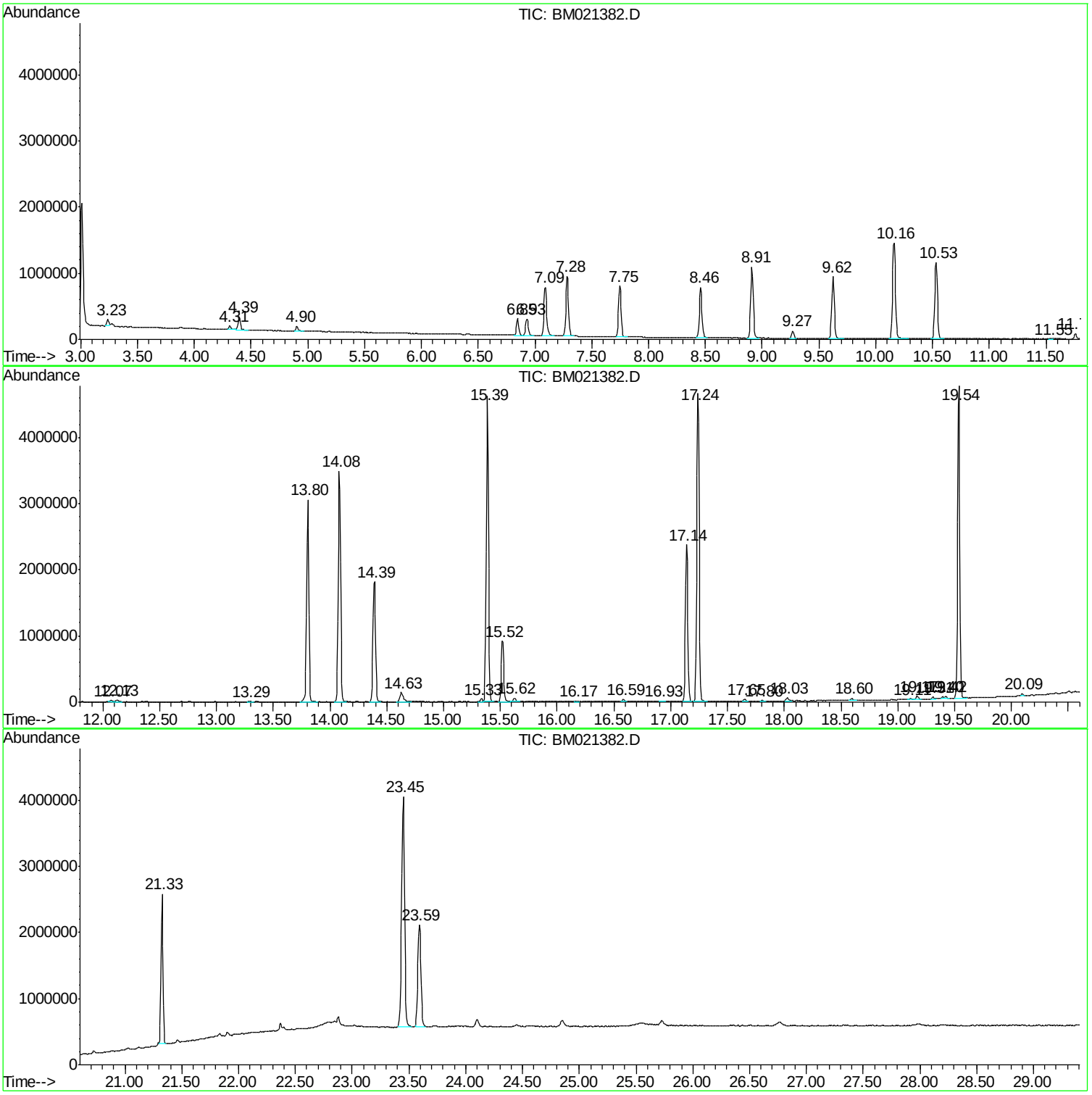
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCP9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
Data File : BM021382.D
Acq On : 04 Jul 2019 01:05
Operator : HP/JU
Sample : K3462-14
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCP9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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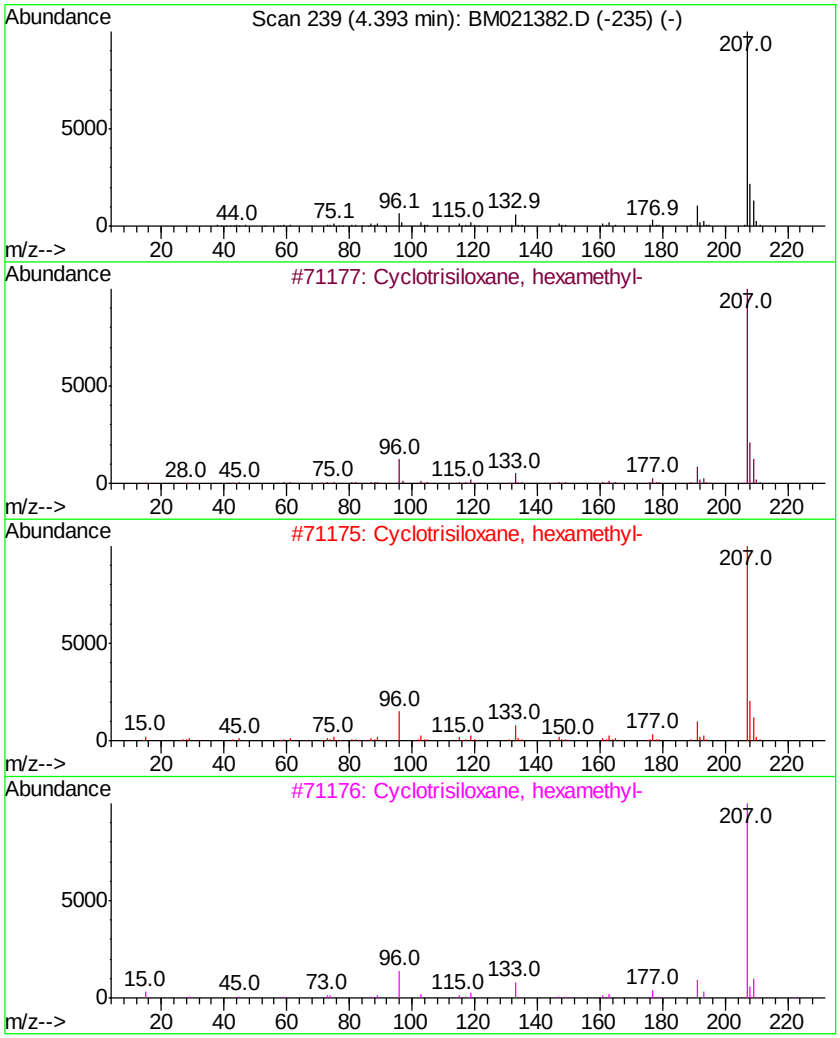
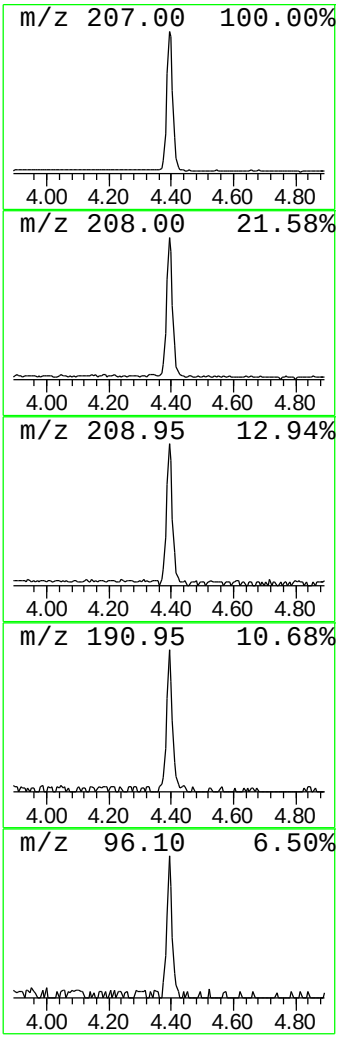
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	4.91 ng/ul	300125	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	80
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	64
4	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	2-Ethylacridine	207	C15H13N	055751-83-2	38





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Instrument : BNA_M
ClientSampleId : BFCP9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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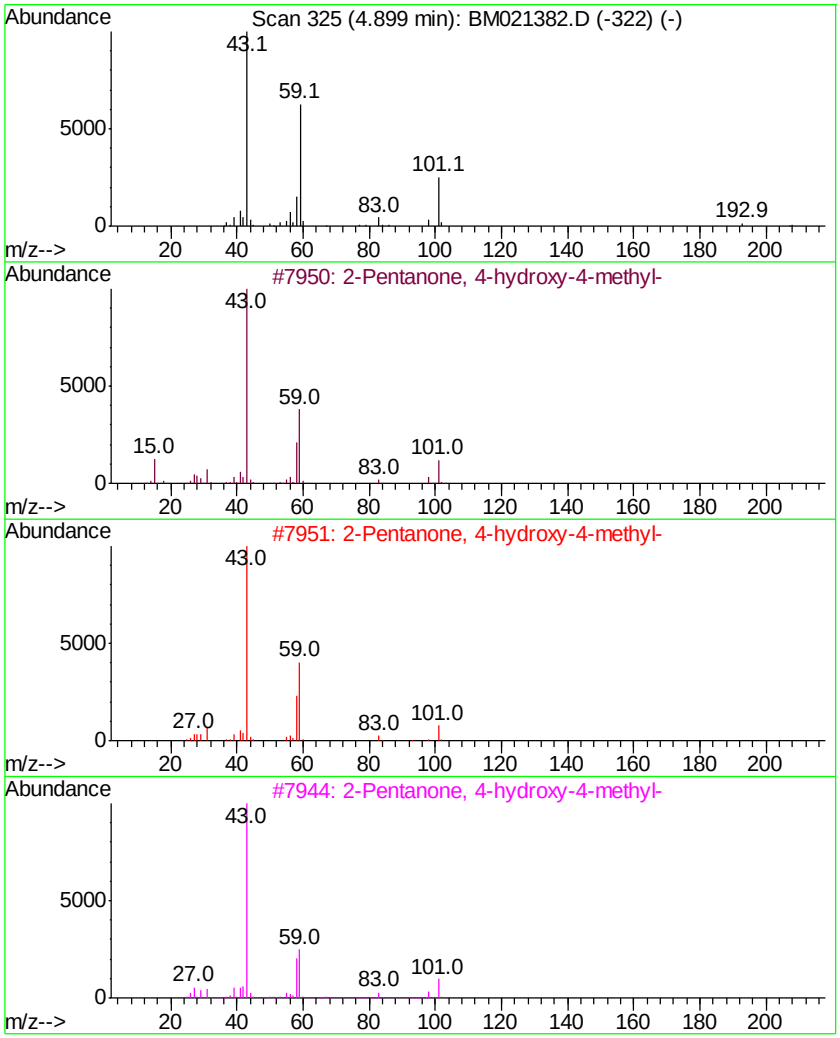
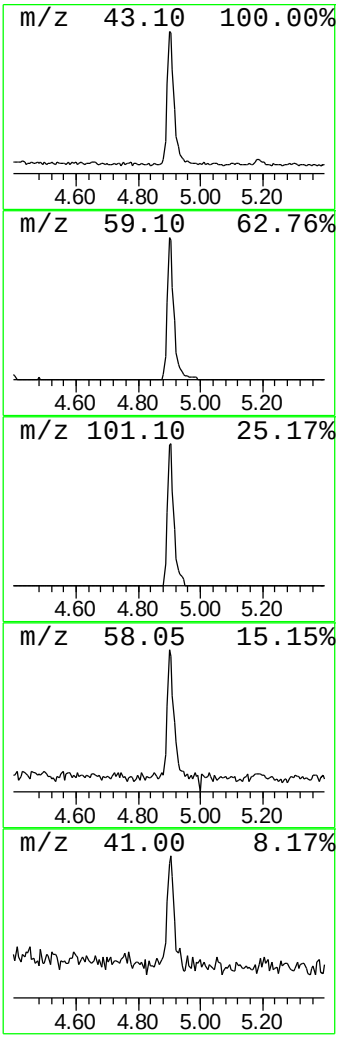
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	2.04 ng/ul	124434	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	32
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	17
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCP9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

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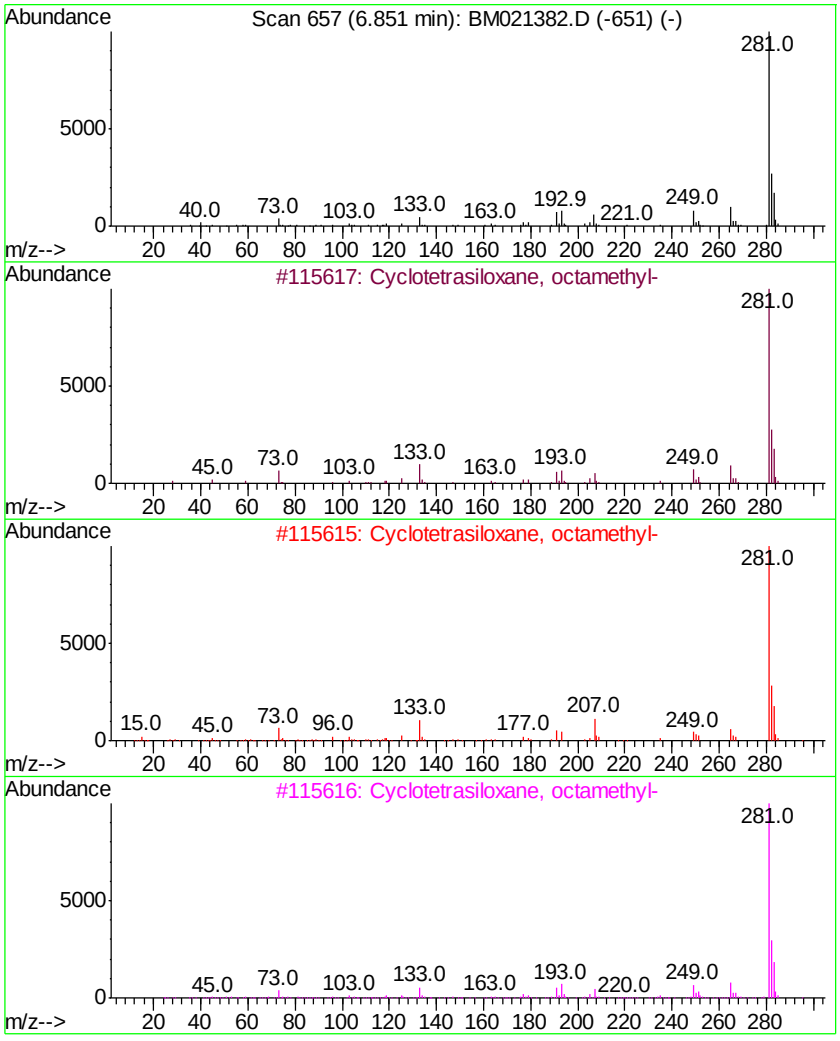
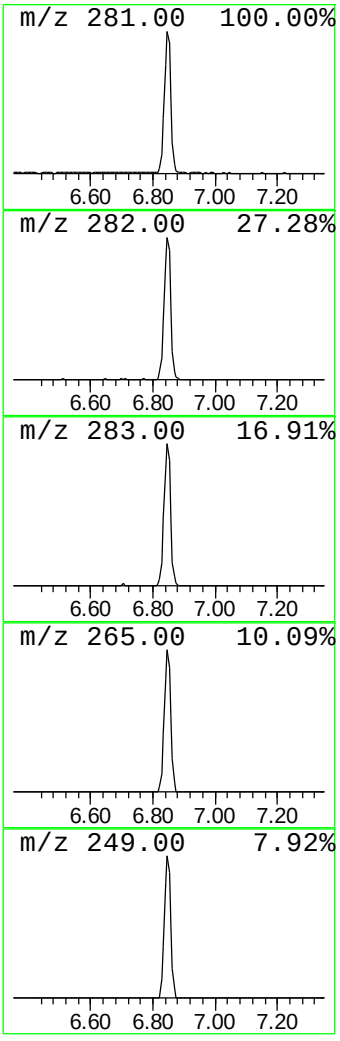
Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	6.08 ng/ul	371654	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	74
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	70
4	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59
5	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	59





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclotrisiloxane,...	4.39	4.9	ng/ul	300125	1	7.75	1221750	20.0
2-Pentanone, 4-hy...	4.90	2.0	ng/ul	124434	1	7.75	1221750	20.0
Cyclotetrasiloxan...	6.85	6.1	ng/ul	371654	1	7.75	1221750	20.0