LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
Data File : BM021229.D
Acq On : 28 Jun 2019 13:50
Operator : HP/JU
Sample : K3381-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCM8

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	3.016	3	5	24	rVB	2052570	2476303	30.56%	3.718%
2	3.281	47	50	53	rBV	38755	46057	0.57%	0.069%
3	4.410	237	242	251	rVB	221346	317987	3.92%	0.477%
4	6.863	655	659	664	rVB	134503	183144	2.26%	0.275%
5	6.928	665	670	680	rVB	219473	359159	4.43%	0.539%
6	7.104	694	700	712	rVB	647626	1025727	12.66%	1.540%
7	7.293	725	732	743	rVB	783861	1208616	14.91%	1.815%
8	7.763	805	812	821	rVB	657068	1065515	13.15%	1.600%
9	8.463	925	931	943	rVB	677699	1071979	13.23%	1.610%
10	8.922	1002	1009	1025	rVB	912443	1503121	18.55%	2.257%
11	9.292	1065	1072	1080	rVB	72249	109764	1.35%	0.165%
12	9.639	1124	1131	1142	rBV	776864	1281394	15.81%	1.924%
13	10.169	1214	1221	1236	rBV	1210150	2105074	25.97%	3.161%
14	10.545	1278	1285	1295	rBV	995345	1636889	20.20%	2.458%
15	10.704	1304	1312	1325	rBV	61197	124912	1.54%	0.188%
16	11.780	1489	1495	1502	rVB	62961	89316	1.10%	0.134%
17	12.145	1551	1557	1564	rVB2	19464	32816	0.40%	0.049%
18	13.816	1832	1841	1852	rBV	2668564	3767278	46.48%	5.656%
19	14.092	1880	1888	1902	rBV	2885060	4392011	54.19%	6.594%
20	14.404	1934	1941	1949	rBV2	1636319	2536506	31.30%	3.808%
21	14.621	1971	1978	1991	rBV	135506	282956	3.49%	0.425%
22	15.351	2096	2102	2104	rBV	35166	43607	0.54%	0.065%
23	15.398	2104	2110	2120	rVB	4044578	5776694	71.28%	8.673%
24	15.521	2125	2131	2146	rVV	1037518	1536808	18.96%	2.307%
25	15.639	2146	2151	2157	rVB	49229	72938	0.90%	0.110%
26	16.180	2239	2243	2247	rVB5	10299	14945	0.18%	0.022%
27	16.598	2310	2314	2319	rBV	32300	38513	0.48%	0.058%
28	16.833	2348	2354	2356	rBV4	4893	8644	0.11%	0.013%
29	16.939	2367	2372	2376	rBV4	8871	15925	0.20%	0.024%
30	17.027	2384	2387	2394	rBV4	5599	10935	0.13%	0.016%
31	17.151	2401	2408	2418	rBV2	2452634	3348801	41.32%	5.028%
32	17.251	2418	2425	2441	rVV	4546712	6466918	79.80%	9.710%
33	17.668	2489	2496	2500	rBV	29996	37489	0.46%	0.056%
34	18.033	2555	2558	2564	rVB4	24958	32577	0.40%	0.049%

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Title : SVOA CALIBRATION

35	18.386	2612	2618	2622	rBV3	20506	39177	0.48%	0.059%
36	18.539	2638	2644	2649	rBV8	16005	30499	0.38%	0.046%
37	18.609	2652	2656	2661	rVB2	30337	41074	0.51%	0.062%
38	19.180	2748	2753	2760	rBV	70502	94665	1.17%	0.142%
39	19.321	2773	2777	2781	rBV5	25740	31927	0.39%	0.048%
40	19.433	2789	2796	2800	rBV2	51451	112118	1.38%	0.168%
41	19.468	2800	2802	2808	rVB5	20000	23122	0.29%	0.035%
42	19.545	2809	2815	2826	rVV	6230463	8104367	100.00%	12.168%
43	20.115	2908	2912	2917	rBV2	40348	55730	0.69%	0.084%
44	21.339	3114	3120	3127	rBV	2896567	3736371	46.10%	5.610%
45	22.897	3382	3385	3390	rVB	190004	240430	2.97%	0.361%
46	23.462	3474	3481	3498	rVB	4068768	7537956	93.01%	11.318%
47	23.609	3499	3506	3521	rVB	1834537	3534097	43.61%	5.306%

Sum of corrected areas: 66602851

LSC Report - Integrated Chromatogram

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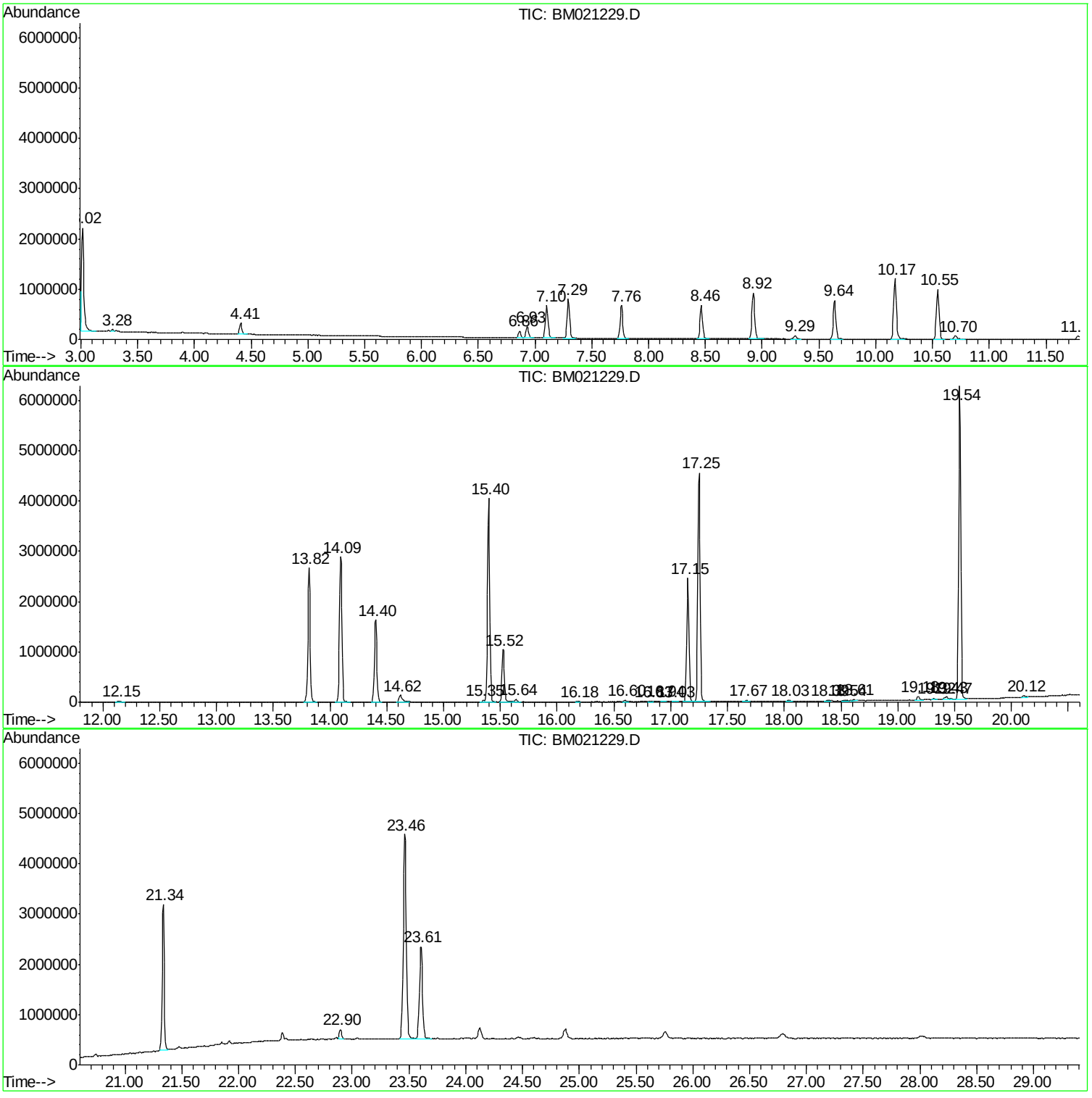
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCM8

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

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Data File : BM021229.D
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Sample : K3381-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCM8

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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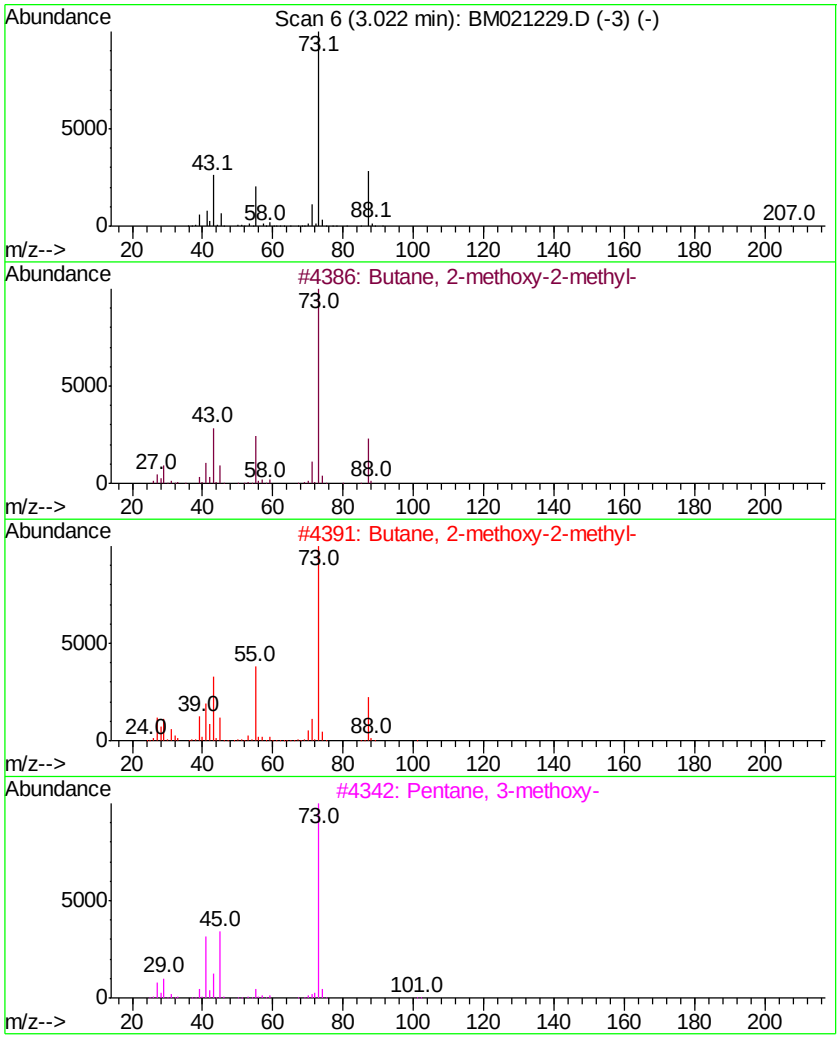
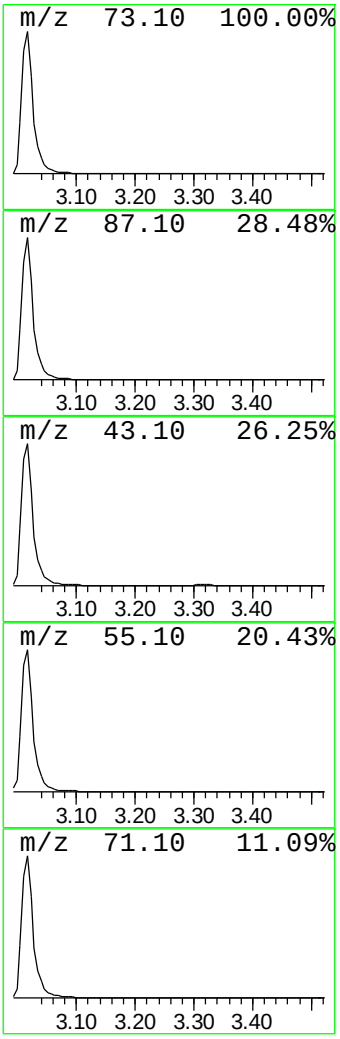
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	46.48 ng/ul	2476300	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Quant Title : SVOA CALIBRATION

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

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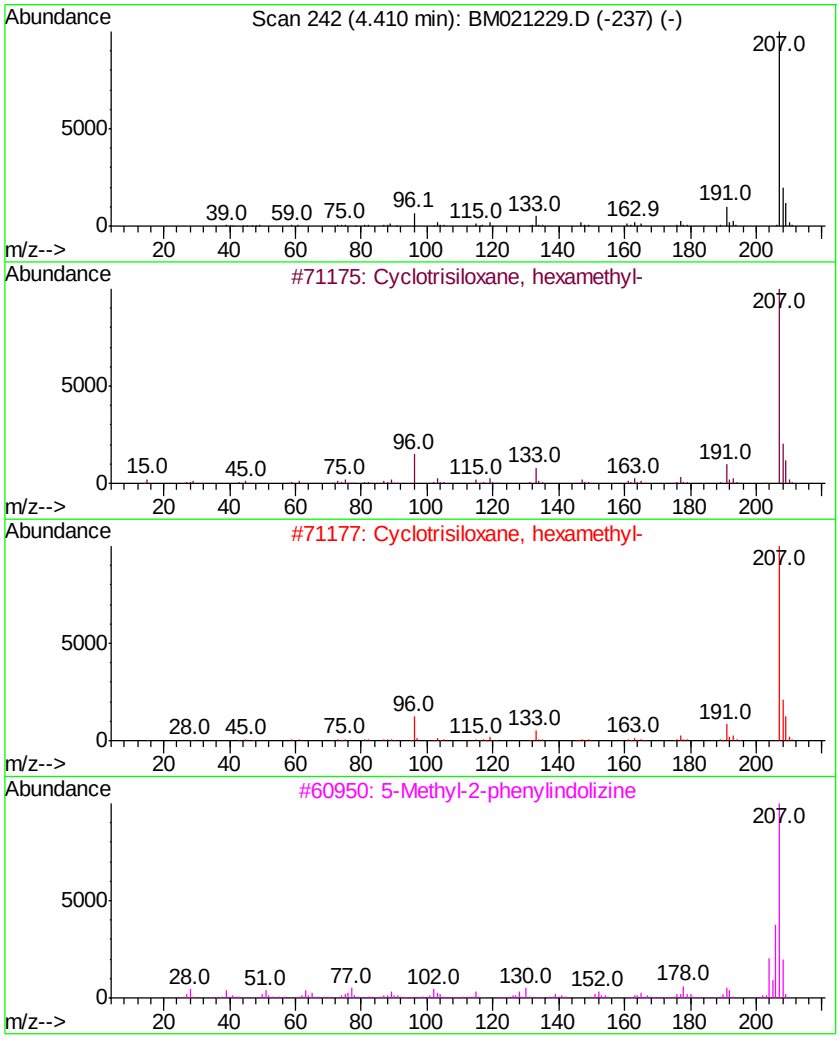
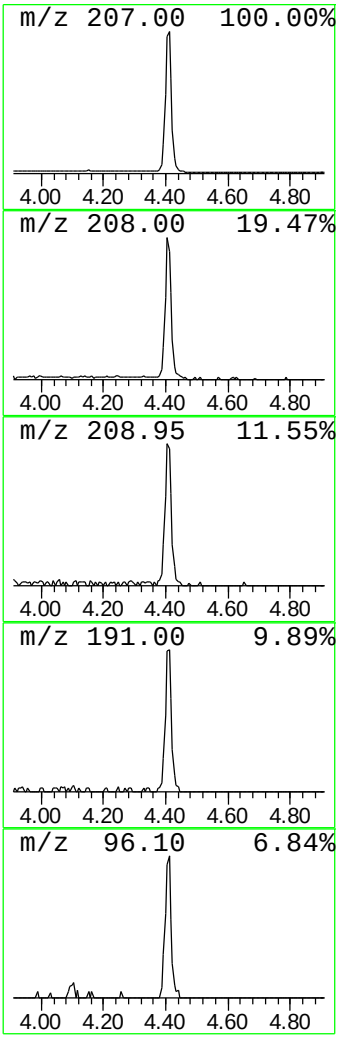
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	5.97 ng/ul	317987	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
3	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	50
4	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





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Instrument : BNA_M
ClientSampleId : BFCM8

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

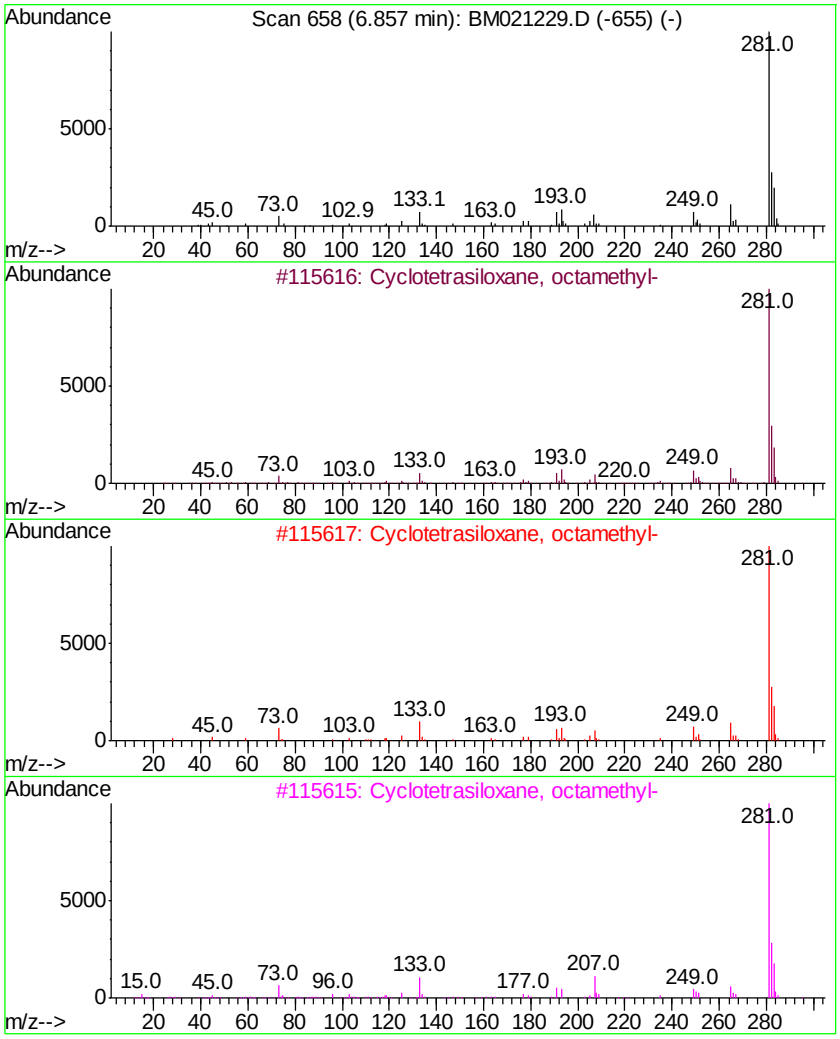
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

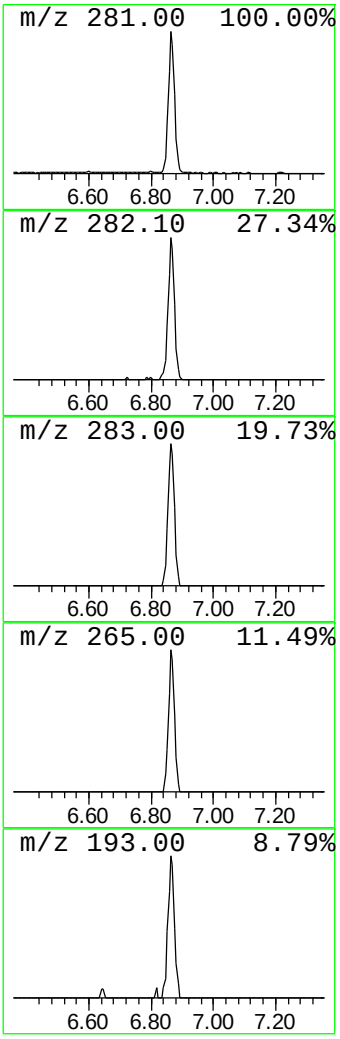
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.44 ng/ul	183144	1,4-Dichlorobenzene-d4	7.76

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	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4	trans-4-(2-(5-Nitro-2-furyl)vinv...	281	C15H11N3O3	000847-10-9	59
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	45





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	3.02	46.5	ng/ul	2476300	1	7.76	1065520	20.0
Cyclotrisiloxane,...	4.41	6.0	ng/ul	317987	1	7.76	1065520	20.0
Cyclotetrasiloxan...	6.86	3.4	ng/ul	183144	1	7.76	1065520	20.0