LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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	3.010	3	4	22	rVB	2175305	2326852	34.11%	3.446%
2	3.275	47	49	58	rVB	53248	80846	1.19%	0.120%
3	4.399	236	240	246	rVB	286424	384468	5.64%	0.569%
4	6.404	579	581	589	rVB2	11572	14538	0.21%	0.022%
5	6.851	652	657	664	rVB	275771	395283	5.79%	0.585%
6	6.928	664	670	680	rVB	310905	490979	7.20%	0.727%
7	7.098	693	699	710	rVB	888597	1404895	20.59%	2.081%
8	7.287	725	731	740	rBV	1075814	1717072	25.17%	2.543%
9	7.757	804	811	817	rBV	688200	1121594	16.44%	1.661%
10	8.457	924	930	941	rBV	877154	1466601	21.50%	2.172%
11	8.916	1001	1008	1020	rBV	1282534	2098758	30.76%	3.108%
12	9.022	1022	1026	1032	rVB6	9896	14968	0.22%	0.022%
13	9.281	1064	1070	1076	rBV	107861	160158	2.35%	0.237%
14	9.633	1122	1130	1140	rBV	1112507	1850505	27.12%	2.741%
15	9.869	1166	1170	1174	rVB6	5150	8238	0.12%	0.012%
16	10.163	1212	1220	1234	rBV	1675344	2941557	43.12%	4.356%
17	10.539	1277	1284	1293	rVB	1076768	1789055	26.22%	2.650%
18	10.698	1307	1311	1315	rBV2	6378	9380	0.14%	0.014%
19	11.333	1416	1419	1428	rVB5	4917	11135	0.16%	0.016%
20	11.769	1484	1493	1499	rBV	81522	119877	1.76%	0.178%
21	12.080	1538	1546	1550	rBV	17050	25949	0.38%	0.038%
22	12.133	1550	1555	1561	rVB2	30770	51494	0.75%	0.076%
23	12.351	1588	1592	1598	rBV4	8486	15930	0.23%	0.024%
24	12.739	1654	1658	1664	rVB3	6302	11604	0.17%	0.017%
25	12.992	1696	1701	1709	rBV5	11051	23789	0.35%	0.035%
26	13.810	1829	1840	1852	rBV	3267090	4628888	67.85%	6.855%
27	14.092	1879	1888	1897	rBV	3762842	5523065	80.96%	8.179%
28	14.398	1931	1940	1948	rBV2	1716240	2554589	37.44%	3.783%
29	14.621	1972	1978	1992	rBV2	183110	360278	5.28%	0.534%
30	15.186	2071	2074	2078	rVB2	6764	9824	0.14%	0.015%
31	15.339	2096	2100	2103	rBV	48873	57385	0.84%	0.085%
32	15.392	2103	2109	2117	rVB	4905728	6822364	100.00%	10.104%
33	15.521	2125	2131	2142	rBV	1082020	1556203	22.81%	2.305%
34	15.633	2145	2150	2157	rVB	56521	80507	1.18%	0.119%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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	16.174	2238	2242	2246	rBV3	11628	14768	0.22%	0.022%
36	16.586	2308	2312	2316	rBV2	39940	48558	0.71%	0.072%
37	16.821	2345	2352	2358	rBV8	5937	8544	0.13%	0.013%
38	16.933	2365	2371	2377	rVB3	9385	18380	0.27%	0.027%
39	17.145	2400	2407	2414	rBV2	1935048	2724724	39.94%	4.035%
40	17.245	2418	2424	2435	rBV2	4510981	6476855	94.94%	9.592%
41	17.656	2490	2494	2499	rVB	31322	40546	0.59%	0.060%
42	17.804	2513	2519	2526	rBV10	6523	15031	0.22%	0.022%
43	18.033	2554	2558	2564	rBV5	31154	46624	0.68%	0.069%
44	18.474	2629	2633	2638	rBV7	4327	9699	0.14%	0.014%
45	18.603	2651	2655	2661	rBV2	32164	42993	0.63%	0.064%
46	19.174	2748	2752	2756	rBV	51432	73009	1.07%	0.108%
47	19.315	2773	2776	2782	rBV7	22269	28861	0.42%	0.043%
48	19.403	2788	2791	2793	rBV2	35345	41654	0.61%	0.062%
49	19.433	2793	2796	2801	rVB	37064	50828	0.75%	0.075%
50	19.545	2809	2815	2821	rBV	4716115	6313280	92.54%	9.350%
51	20.103	2908	2910	2914	rVB2	35877	37505	0.55%	0.056%
52	21.333	3115	3119	3127	rVB	1691978	2297825	33.68%	3.403%
53	23.468	3475	3482	3491	rVB	3528595	6509237	95.41%	9.640%
54	23.609	3500	3506	3519	rVB	1379447	2596573	38.06%	3.845%

Sum of corrected areas: 67524122

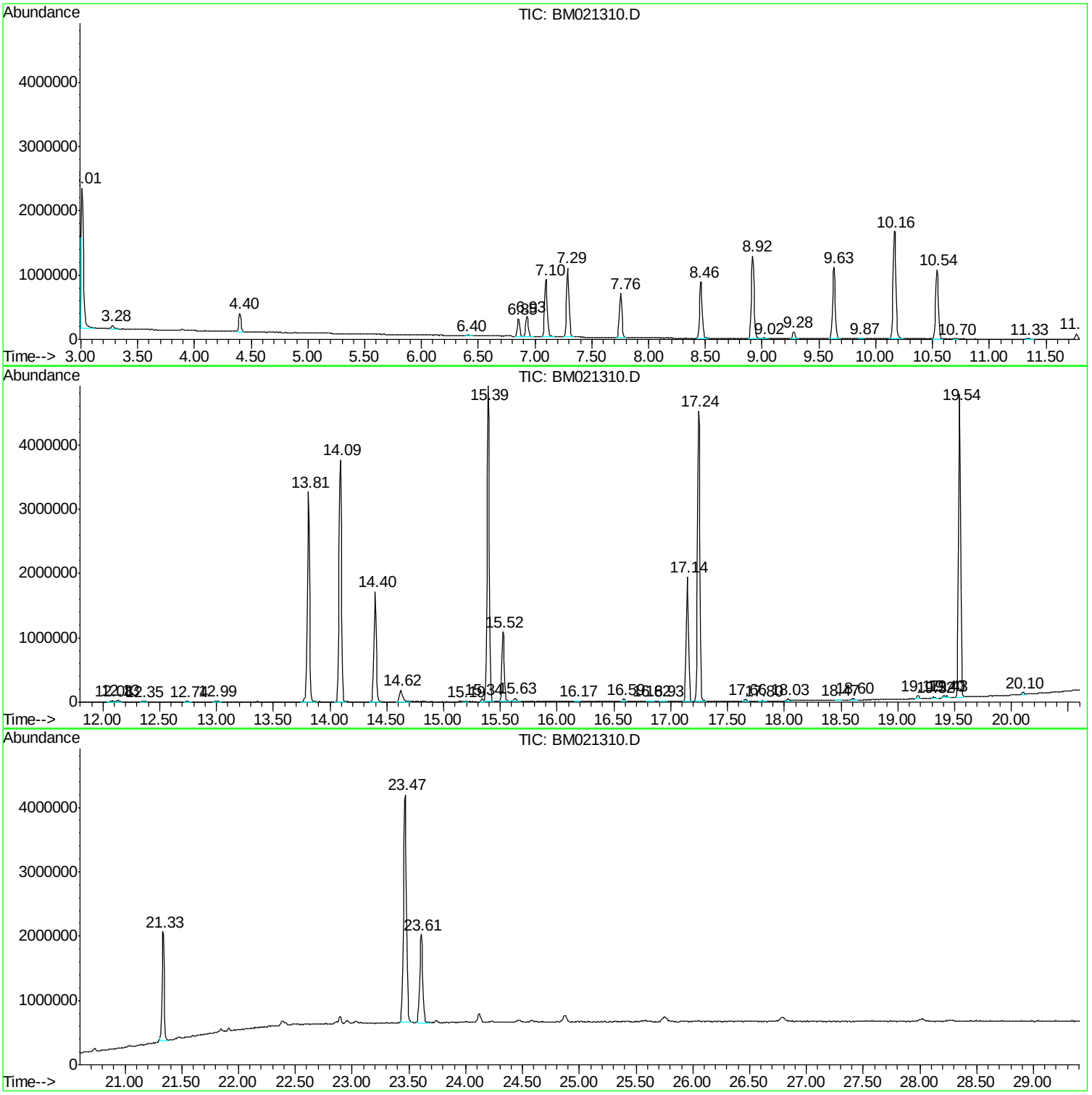
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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

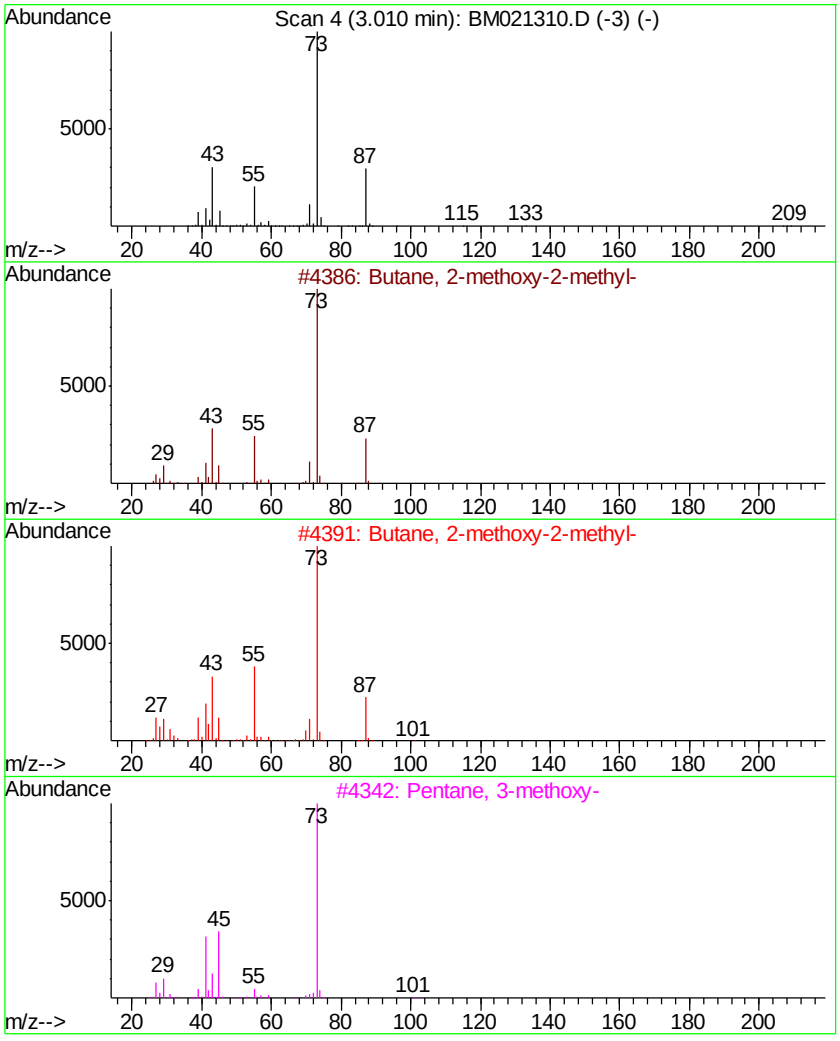
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

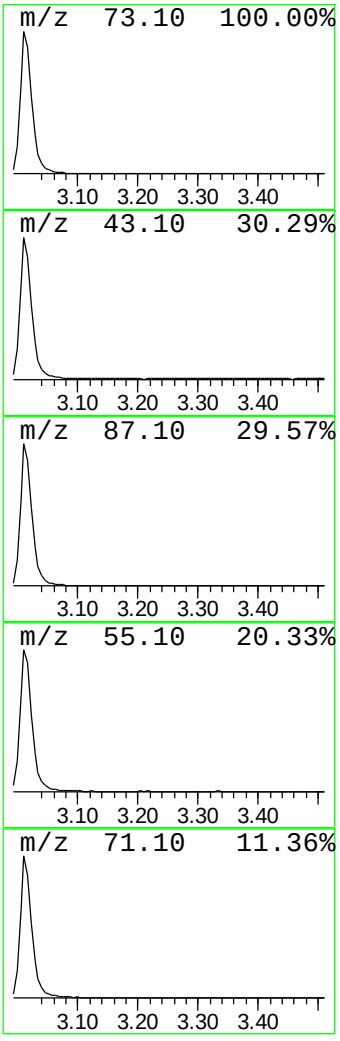
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	41.49 ng/ul	2326850	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	64
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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

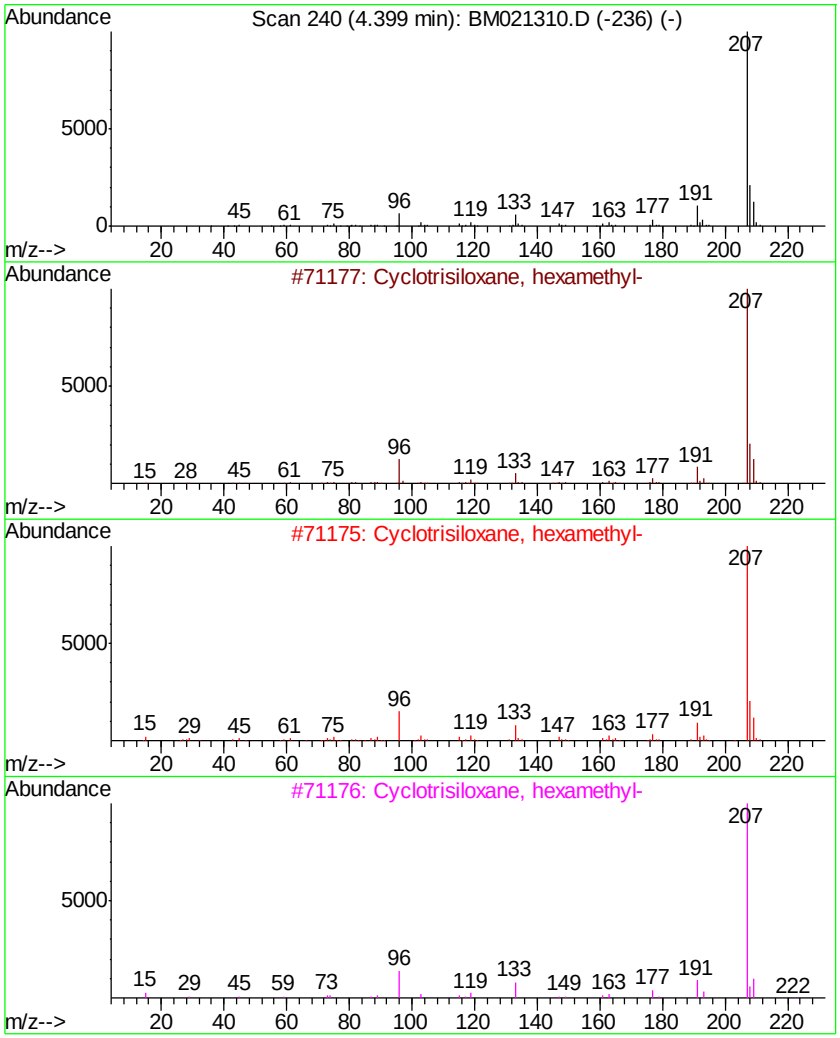
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

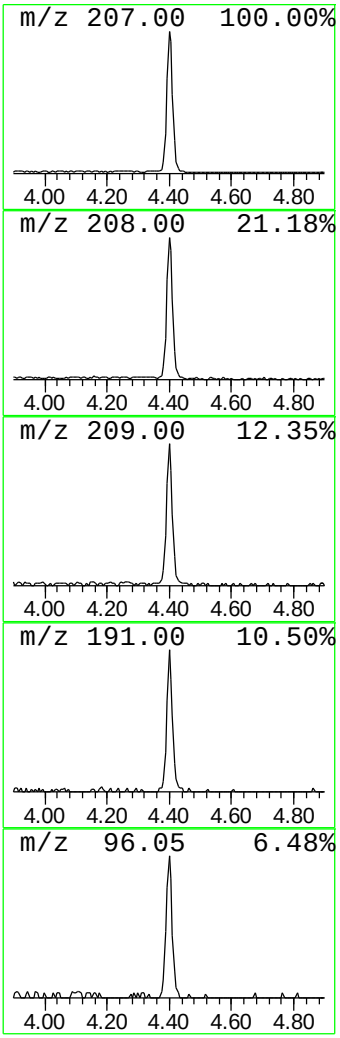
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.86 ng/ul	384468	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	91
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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

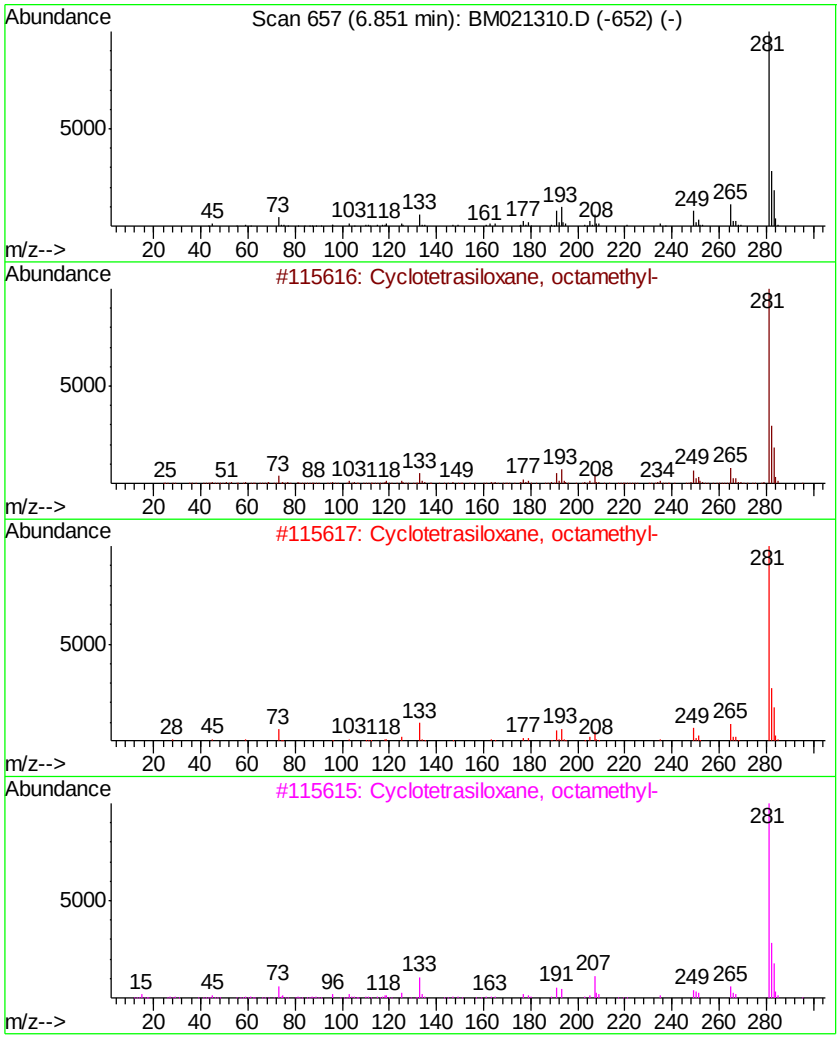
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

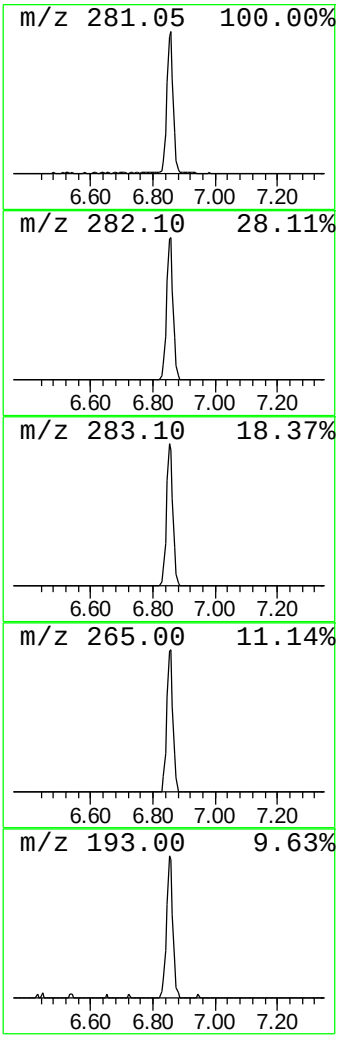
****

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	7.05 ng/ul	395283	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	90
4	Benzoic acid, 3-methyl-2-trimeth...	296	C14H24O3Si2	1000153-57-1	59
5	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM070119\
Data File : BM021310.D
Acq On : 01 Jul 2019 15:39
Operator : HP/JU
Sample : K3578-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JLJG2

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.01	41.5	ng/ul	2326850	1	7.76	1121590	20.0
Cyclotrisiloxane,...	4.40	6.9	ng/ul	384468	1	7.76	1121590	20.0
Cyclotetrasiloxan...	6.85	7.0	ng/ul	395283	1	7.76	1121590	20.0