LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021308.D
Acq On : 01 Jul 2019 14:26
Operator : HP/JU
Sample : K3559-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

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	18	rVB	2024382	2136130	33.72%	3.276%
2	3.275	47	49	56	rVB	44441	63538	1.00%	0.097%
3	4.399	236	240	245	rBV	250137	330548	5.22%	0.507%
4	6.851	652	657	664	rVB	390223	566917	8.95%	0.869%
5	6.928	665	670	678	rVB	273740	430324	6.79%	0.660%
6	7.098	693	699	710	rBV	779200	1225951	19.35%	1.880%
7	7.287	725	731	739	rBV	938435	1474727	23.28%	2.262%
8	7.757	804	811	818	rBV	771808	1247944	19.70%	1.914%
9	8.151	874	878	883	rVB3	7194	11936	0.19%	0.018%
10	8.463	924	931	943	rVB	805404	1299959	20.52%	1.994%
11	8.916	1001	1008	1018	rBV	1102612	1852285	29.24%	2.841%
12	9.281	1063	1070	1076	rBV	251647	371523	5.86%	0.570%
13	9.634	1122	1130	1144	rBV	992472	1634007	25.79%	2.506%
14	10.163	1213	1220	1233	rBV	1522384	2630228	41.52%	4.034%
15	10.451	1264	1269	1277	rBV	30406	53765	0.85%	0.082%
16	10.539	1277	1284	1292	rVB	1179075	1944021	30.69%	2.982%
17	10.692	1303	1310	1319	rBV	111558	213610	3.37%	0.328%
18	11.769	1488	1493	1498	rBV	128444	183924	2.90%	0.282%
19	12.133	1550	1555	1561	rVB	29693	44115	0.70%	0.068%
20	13.016	1698	1705	1711	rVB5	3945	9279	0.15%	0.014%
21	13.810	1830	1840	1851	rBV	3164589	4253298	67.14%	6.523%
22	14.092	1880	1888	1899	rBV	3453120	5108068	80.63%	7.834%
23	14.398	1933	1940	1951	rBV2	1845775	2824476	44.59%	4.332%
24	14.627	1973	1979	1992	rBV	148731	306899	4.84%	0.471%
25	15.339	2096	2100	2103	rBV	38055	45401	0.72%	0.070%
26	15.392	2103	2109	2120	rVB	4411534	6334826	100.00%	9.716%
27	15.521	2125	2131	2145	rVV	998505	1424883	22.49%	2.185%
28	15.633	2145	2150	2158	rVB	51959	76620	1.21%	0.118%
29	16.174	2238	2242	2248	rVB5	10787	16388	0.26%	0.025%
30	16.592	2305	2313	2316	rBV2	32443	43780	0.69%	0.067%
31	16.939	2367	2372	2375	rBV3	8471	13898	0.22%	0.021%
32	17.145	2401	2407	2414	rBV2	2131772	3017316	47.63%	4.628%
33	17.245	2417	2424	2435	rBV	4328385	6187737	97.68%	9.490%
34	17.433	2453	2456	2461	rVB7	6053	8642	0.14%	0.013%

LSC Area Percent Report

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Sample : K3559-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

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	17.657	2488	2494	2499	rBV2	28846	38844	0.61%	0.060%
36	18.033	2554	2558	2562	rVB4	14788	21064	0.33%	0.032%
37	18.386	2614	2618	2621	rBV6	7216	12270	0.19%	0.019%
38	18.604	2652	2655	2659	rVB	26637	30615	0.48%	0.047%
39	18.904	2704	2706	2708	rBV3	9977	7842	0.12%	0.012%
40	19.180	2748	2753	2756	rBV	50259	71064	1.12%	0.109%
41	19.309	2773	2775	2779	rBV5	11779	20253	0.32%	0.031%
42	19.404	2788	2791	2793	rBV2	31369	38410	0.61%	0.059%
43	19.427	2793	2795	2799	rVB	32425	38524	0.61%	0.059%
44	19.545	2809	2815	2826	rVB	4435325	5988617	94.53%	9.185%
45	21.333	3115	3119	3125	rVB	1917364	2499490	39.46%	3.833%
46	23.462	3475	3481	3492	rVB	3367585	6214853	98.11%	9.532%
47	23.609	3500	3506	3516	rVB	1545494	2832555	44.71%	4.344%

Sum of corrected areas: 65201364

LSC Report - Integrated Chromatogram

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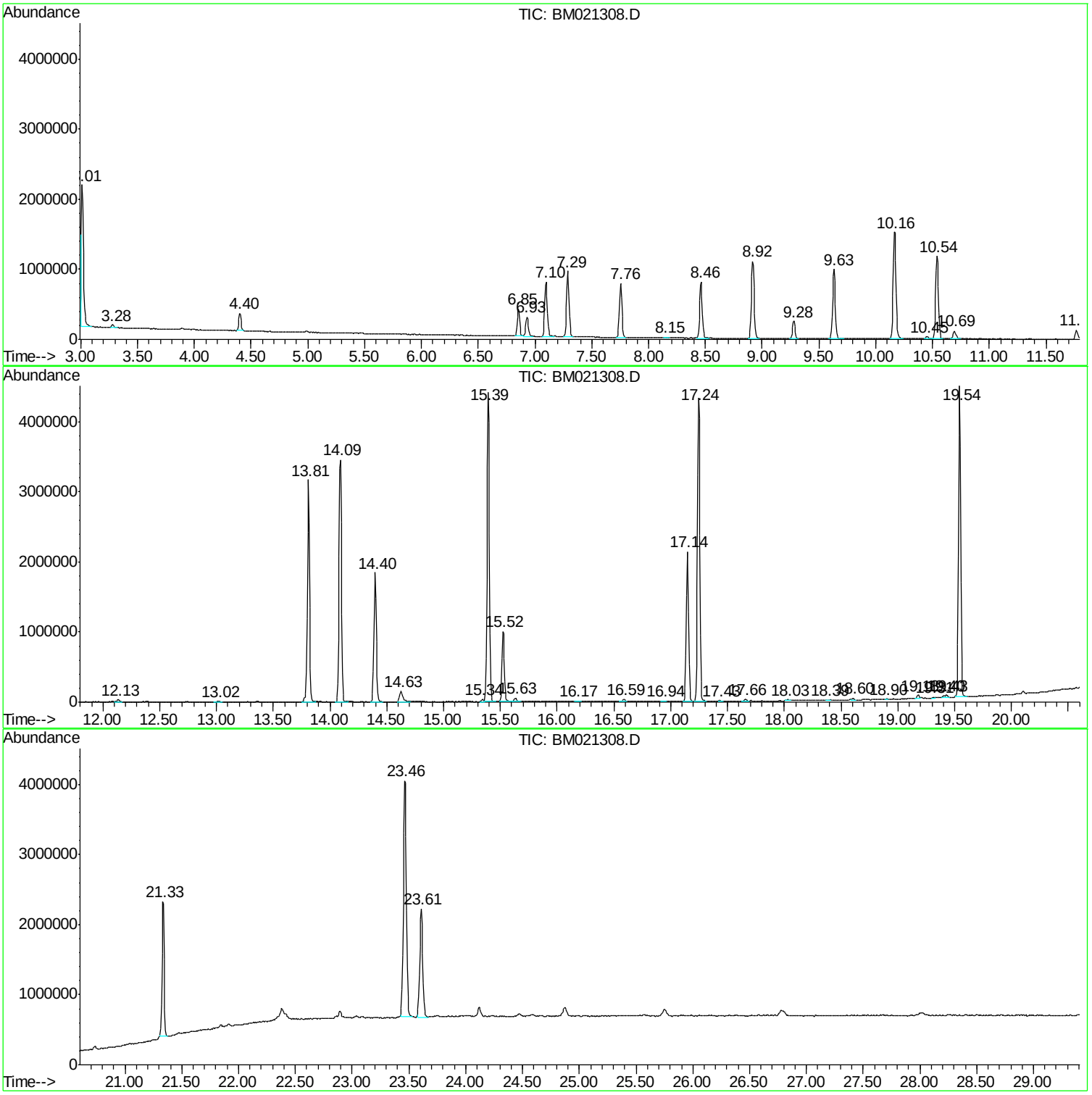
Sample : K3559-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

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 : BM021308.D
Acq On : 01 Jul 2019 14:26
Operator : HP/JU
Sample : K3559-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

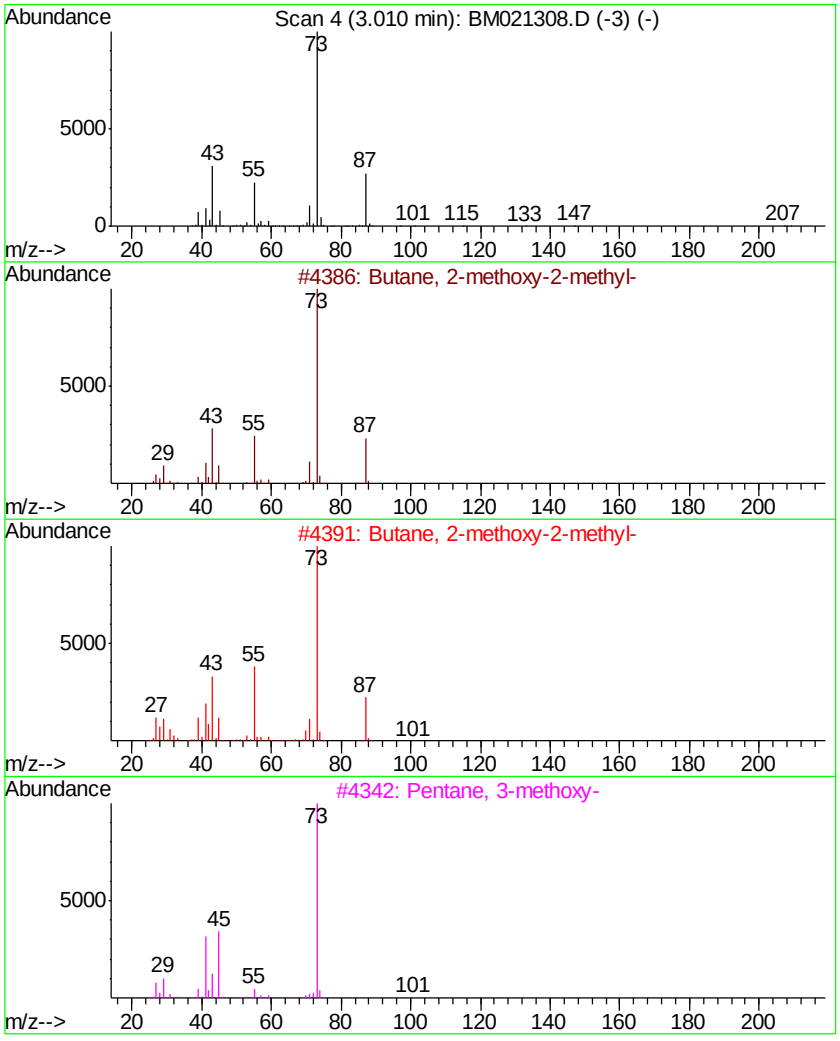
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

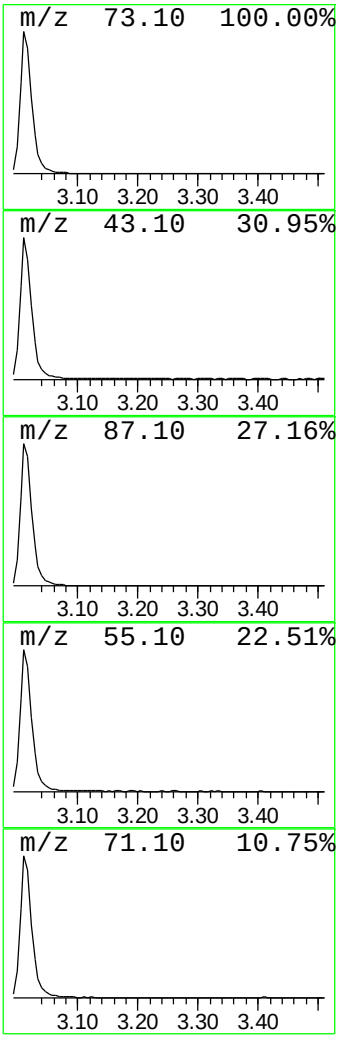
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	34.23 ng/ul	2136130	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Acq On : 01 Jul 2019 14:26
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Sample : K3559-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

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

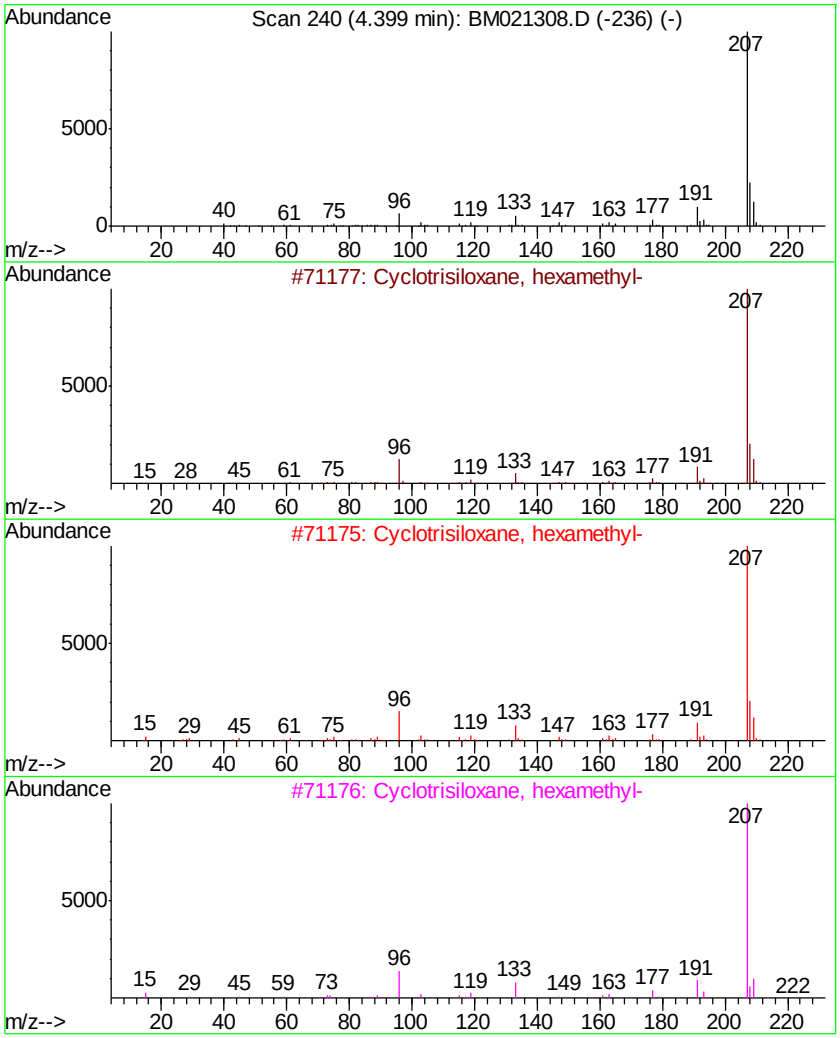
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

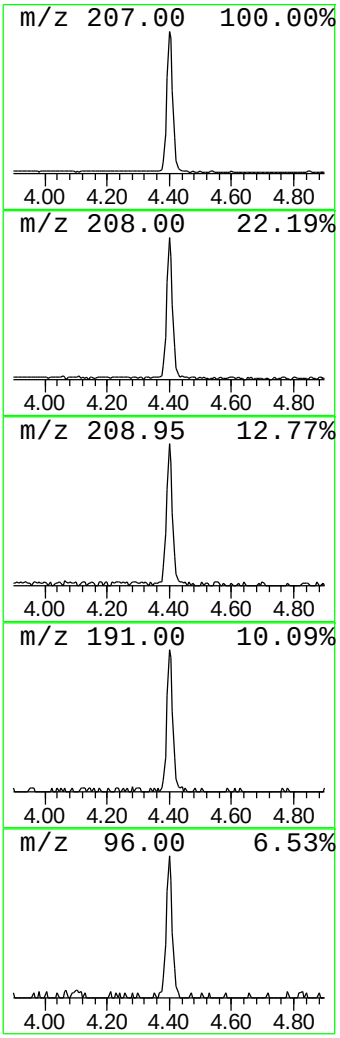
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.30 ng/ul	330548	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	64
4	2-Ethylacridine	207	C15H13N	055751-83-2	45
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





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Instrument : BNA_M
ClientSampleId : C5AE5

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

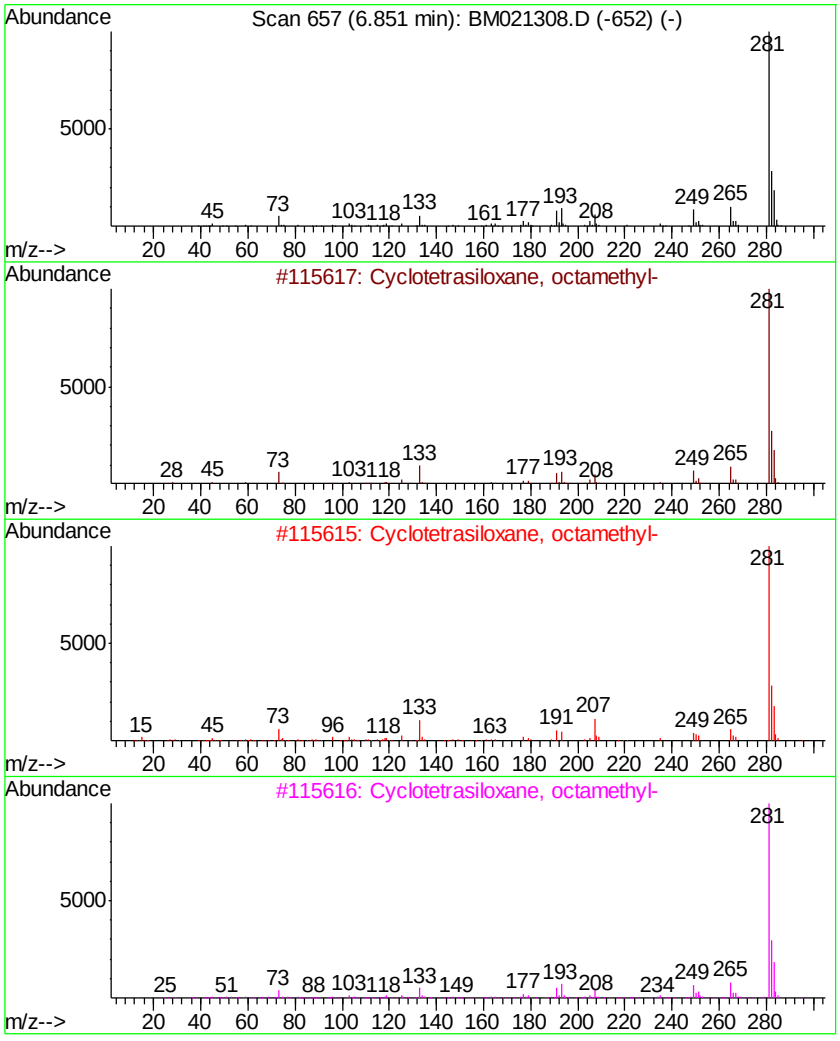
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

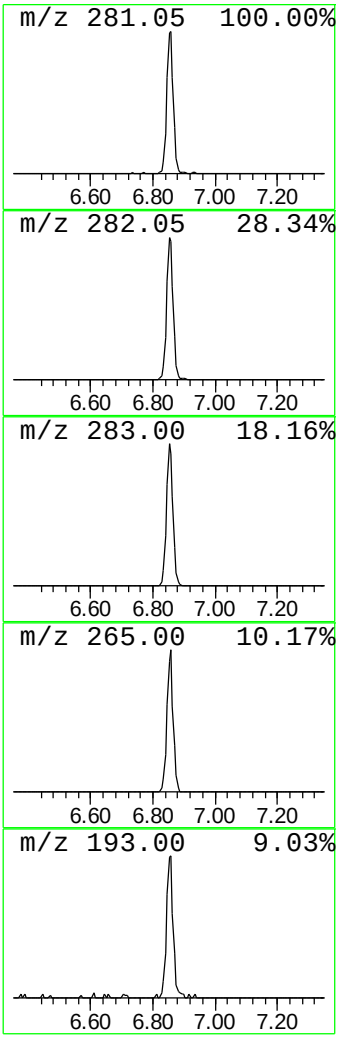
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	9.09 ng/ul	566917	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	90
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
4	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	50
5	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	50





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE5

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

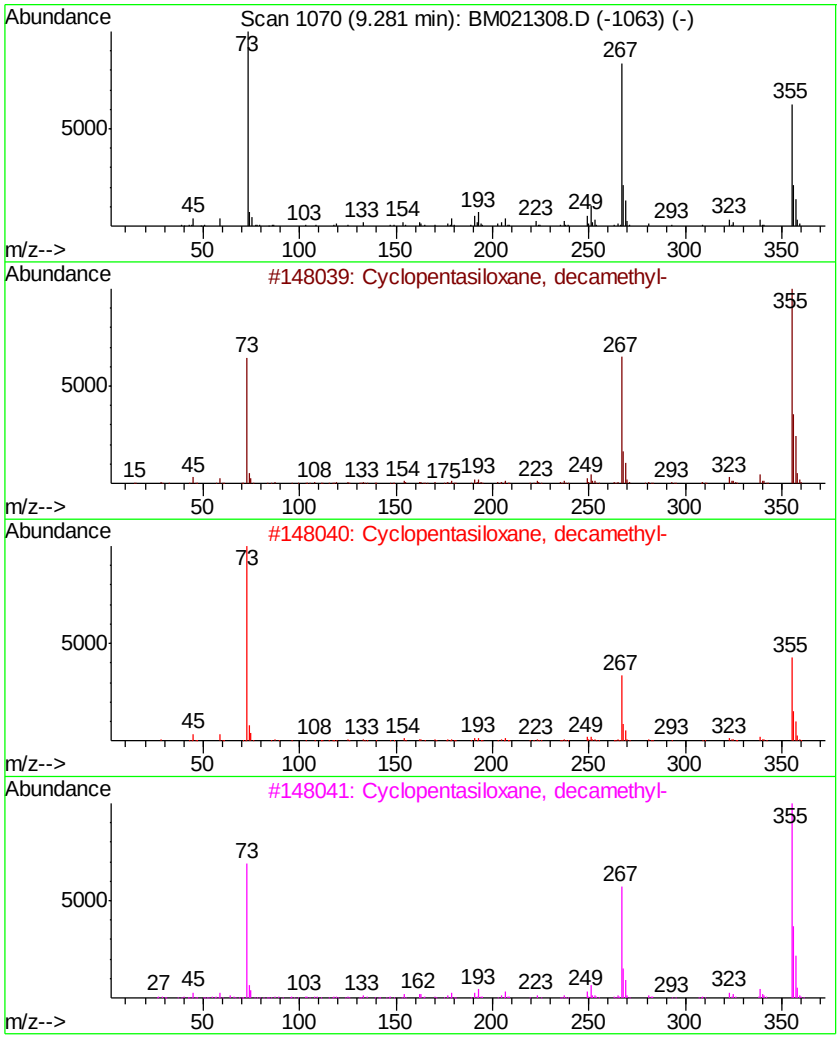
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

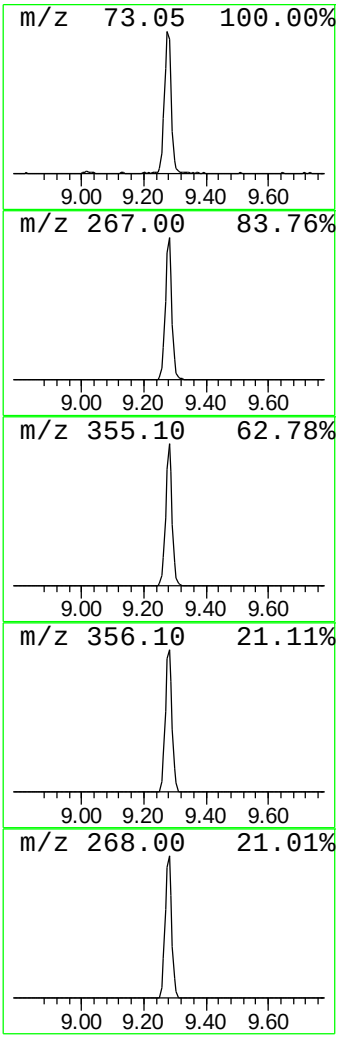
****

Peak Number 4 Cyclopentasiloxane, decamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	3.82 ng/ul	371523	Naphthalene-d8	10.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	91
3	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	52
4	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	47
5	Benzenemethanol, .alpha.-(aminom...	369	C17H35NO2Si3	056145-08-5	43





Tentatively Identified Compound (LSC) summary

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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	34.2	ng/ul	2136130	1	7.76	1247940	20.0
Cyclotrisiloxane,...	4.40	5.3	ng/ul	330548	1	7.76	1247940	20.0
Cyclotetrasiloxan...	6.85	9.1	ng/ul	566917	1	7.76	1247940	20.0
Cyclopentasiloxan...	9.28	3.8	ng/ul	371523	2	10.54	1944020	20.0