LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021326.D
Acq On : 02 Jul 2019 01:56
Operator : HP/JU
Sample : K3562-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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	3.275	46	49	55	rBV2	52300	68125	0.98%	0.098%
2	4.399	236	240	246	rVB	261485	351611	5.07%	0.507%
3	6.851	652	657	664	rVB	469951	666584	9.62%	0.960%
4	6.922	664	669	679	rVB	277609	465013	6.71%	0.670%
5	7.092	692	698	707	rBV	837065	1285953	18.55%	1.853%
6	7.287	724	731	738	rBV	987940	1552847	22.41%	2.237%
7	7.751	804	810	817	rBV	885900	1416673	20.44%	2.041%
8	8.457	923	930	942	rBV	853181	1365879	19.71%	1.968%
9	8.916	1000	1008	1021	rBV	1170513	1938150	27.97%	2.792%
10	9.275	1063	1069	1083	rVB	316966	463287	6.68%	0.667%
11	9.628	1122	1129	1145	rVB	1030012	1704170	24.59%	2.455%
12	10.163	1212	1220	1231	rBV	1607889	2695897	38.90%	3.884%
13	10.451	1263	1269	1275	rBV	16288	26086	0.38%	0.038%
14	10.539	1276	1284	1291	rVB	1338836	2246300	32.41%	3.236%
15	10.692	1304	1310	1322	rBV	131376	251344	3.63%	0.362%
16	11.763	1485	1492	1502	rBV	145952	220985	3.19%	0.318%
17	12.133	1550	1555	1563	rVB2	27845	46893	0.68%	0.068%
18	13.016	1697	1705	1710	rVB	9930	17831	0.26%	0.026%
19	13.810	1825	1840	1851	rBV	3192757	4427157	63.88%	6.378%
20	14.086	1880	1887	1901	rBV	3626091	5345316	77.13%	7.701%
21	14.392	1933	1939	1948	rBV2	2202835	3305919	47.70%	4.763%
22	14.621	1970	1978	1990	rBV2	153433	329772	4.76%	0.475%
23	15.186	2070	2074	2078	rVB2	5530	6980	0.10%	0.010%
24	15.339	2094	2100	2103	rBV	40901	50345	0.73%	0.073%
25	15.392	2103	2109	2118	rVB	4881265	6809471	98.25%	9.810%
26	15.521	2125	2131	2143	rBV	1079205	1498612	21.62%	2.159%
27	15.633	2144	2150	2156	rVB2	52699	76829	1.11%	0.111%
28	16.174	2239	2242	2249	rVB4	9929	14839	0.21%	0.021%
29	16.345	2267	2271	2275	rBV6	4467	7002	0.10%	0.010%
30	16.586	2307	2312	2317	rBV	32840	41118	0.59%	0.059%
31	16.810	2345	2350	2352	rBV6	6221	7424	0.11%	0.011%
32	16.933	2368	2371	2376	rVB2	9846	12915	0.19%	0.019%
33	17.145	2400	2407	2414	rBV2	2618921	3724139	53.74%	5.365%
34	17.245	2417	2424	2437	rBV	4847711	6930528	100.00%	9.985%

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Misc :
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Instrument : BNA_M
ClientSampleId : C5AE6

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	2489	2494	2498	rVB2	28439	34950	0.50%	0.050%
36	18.027	2553	2557	2562	rBV3	34321	44085	0.64%	0.064%
37	18.109	2566	2571	2575	rBV3	7047	13089	0.19%	0.019%
38	18.604	2651	2655	2660	rVB	27961	36702	0.53%	0.053%
39	19.174	2747	2752	2757	rBV	53808	80931	1.17%	0.117%
40	19.256	2761	2766	2770	rBV	60398	77834	1.12%	0.112%
41	19.315	2772	2776	2780	rBV6	25295	37762	0.54%	0.054%
42	19.403	2787	2791	2793	rBV3	31094	40992	0.59%	0.059%
43	19.427	2793	2795	2799	rVB	31356	33645	0.49%	0.048%
44	19.539	2808	2814	2824	rBV	4994232	6681500	96.41%	9.626%
45	20.103	2907	2910	2913	rVB3	29572	31333	0.45%	0.045%
46	21.327	3113	3118	3128	rVB	2414391	3057598	44.12%	4.405%
47	23.456	3473	3480	3488	rVB	3635388	6593846	95.14%	9.500%
48	23.597	3498	3504	3512	rVB	1758340	3274362	47.25%	4.717%

Sum of corrected areas: 69410623

LSC Report - Integrated Chromatogram

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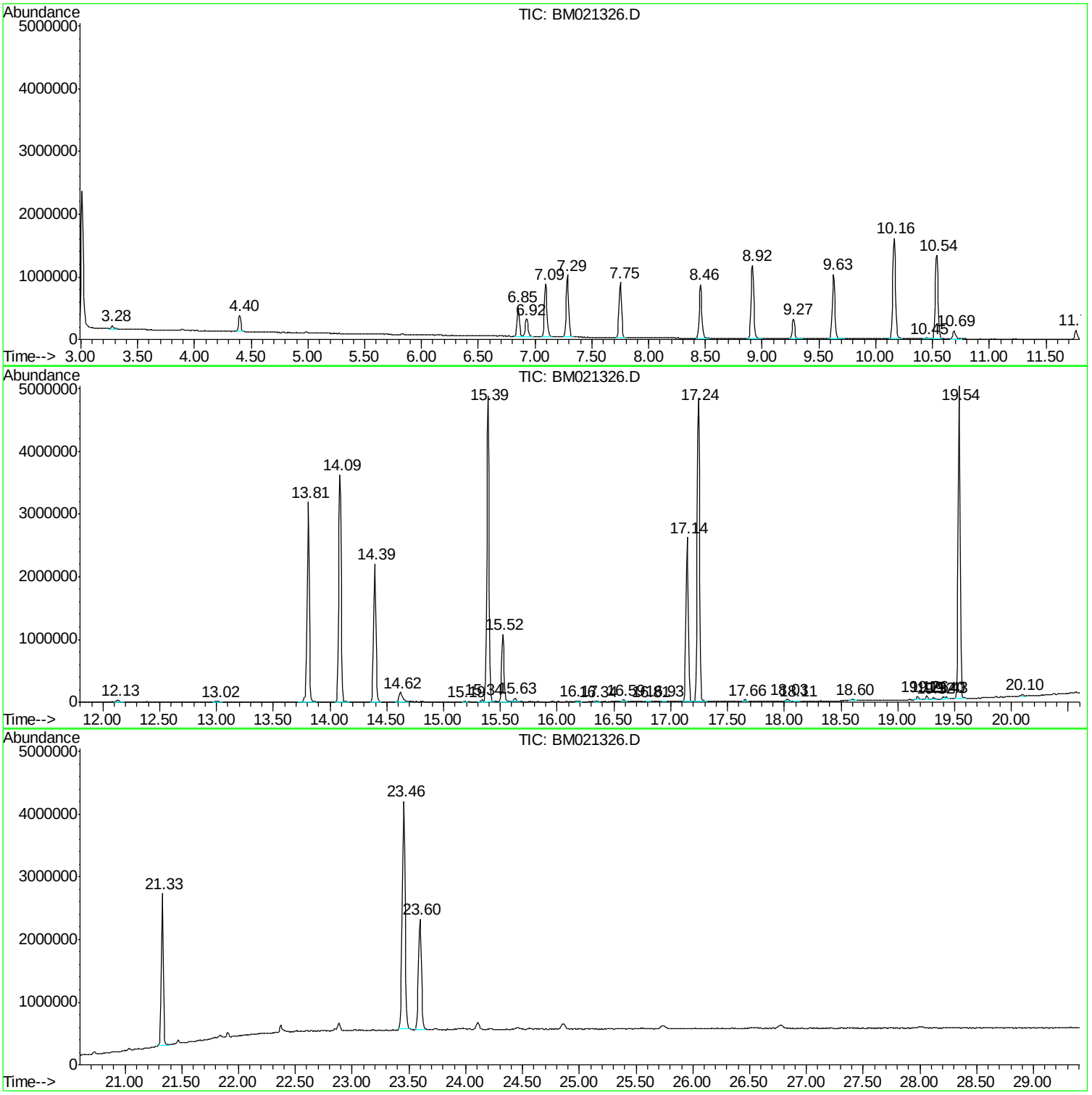
Sample : K3562-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021326.D
Acq On : 02 Jul 2019 01:56
Operator : HP/JU
Sample : K3562-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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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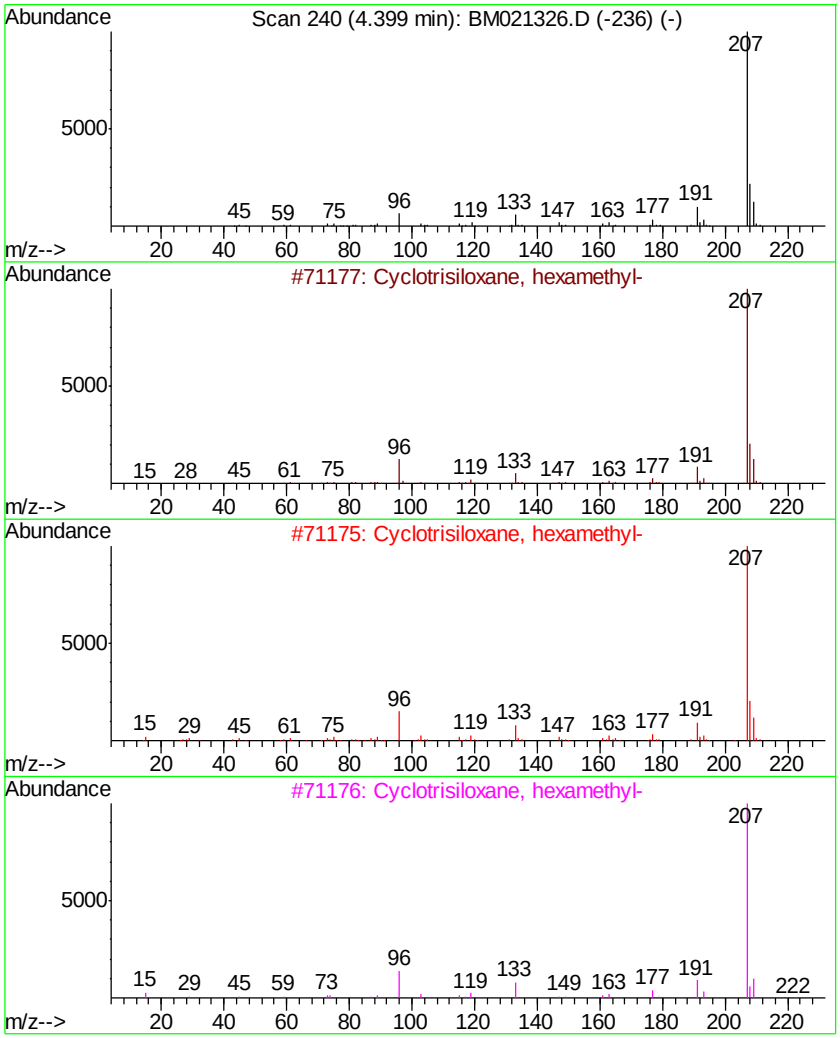
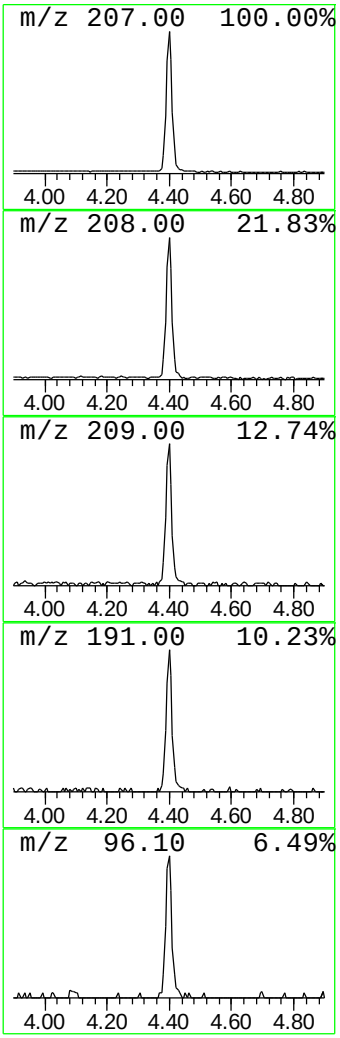
Peak Number 1 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	4.96 ng/ul	351611	1,4-Dichlorobenzene-d4	7.75

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	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39
5	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070119\
Data File : BM021326.D
Acq On : 02 Jul 2019 01:56
Operator : HP/JU
Sample : K3562-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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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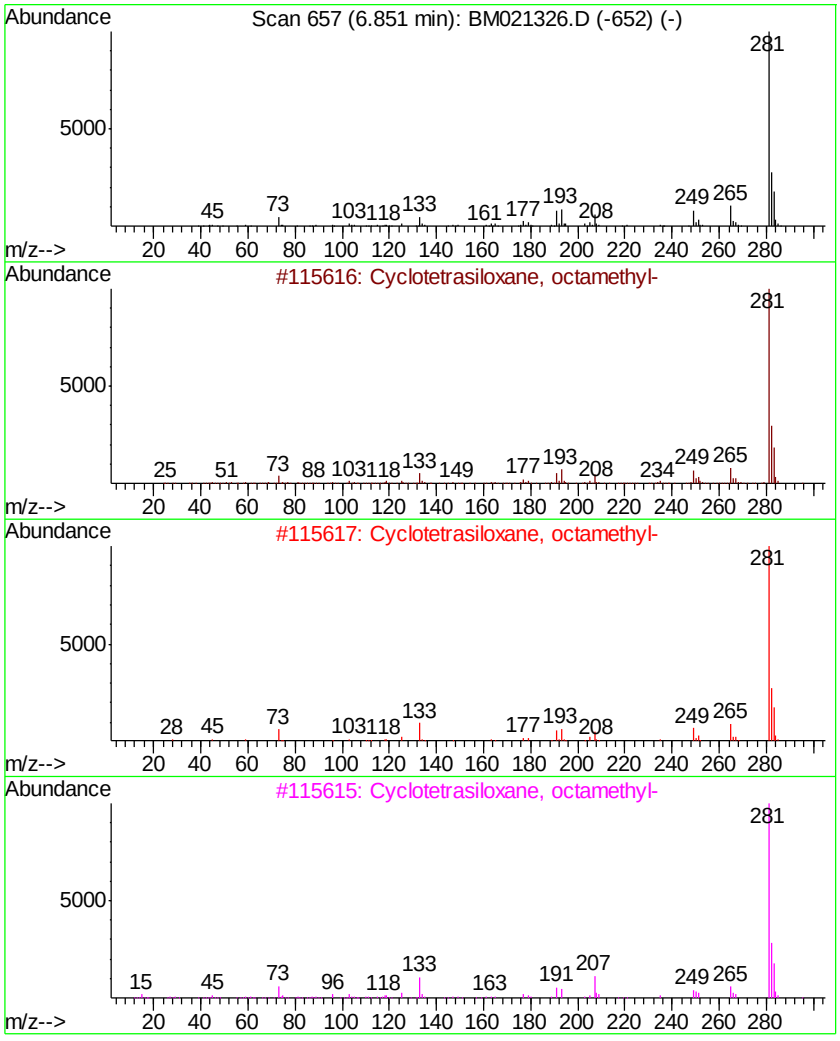
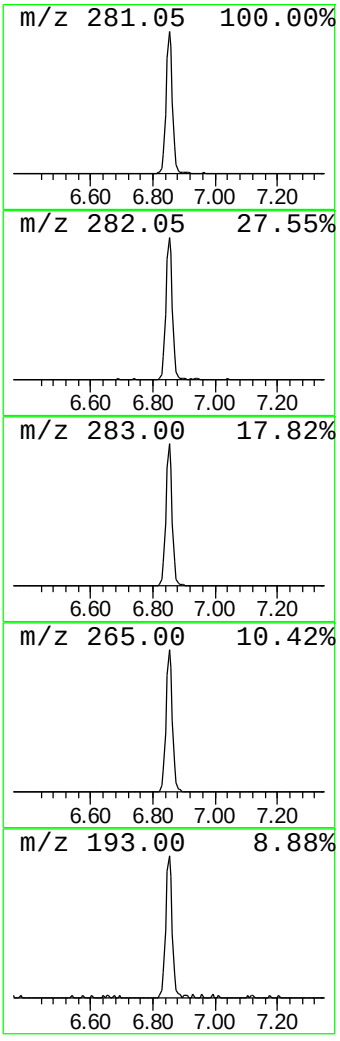
Peak Number 2 Cyclotetrasiloxane, octamet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.85	9.41 ng/ul	666584	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	91
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	64
5	7H-Dibenzo[b,g]carbazole, 7-methyl-	281	C21H15N	003557-49-1	50





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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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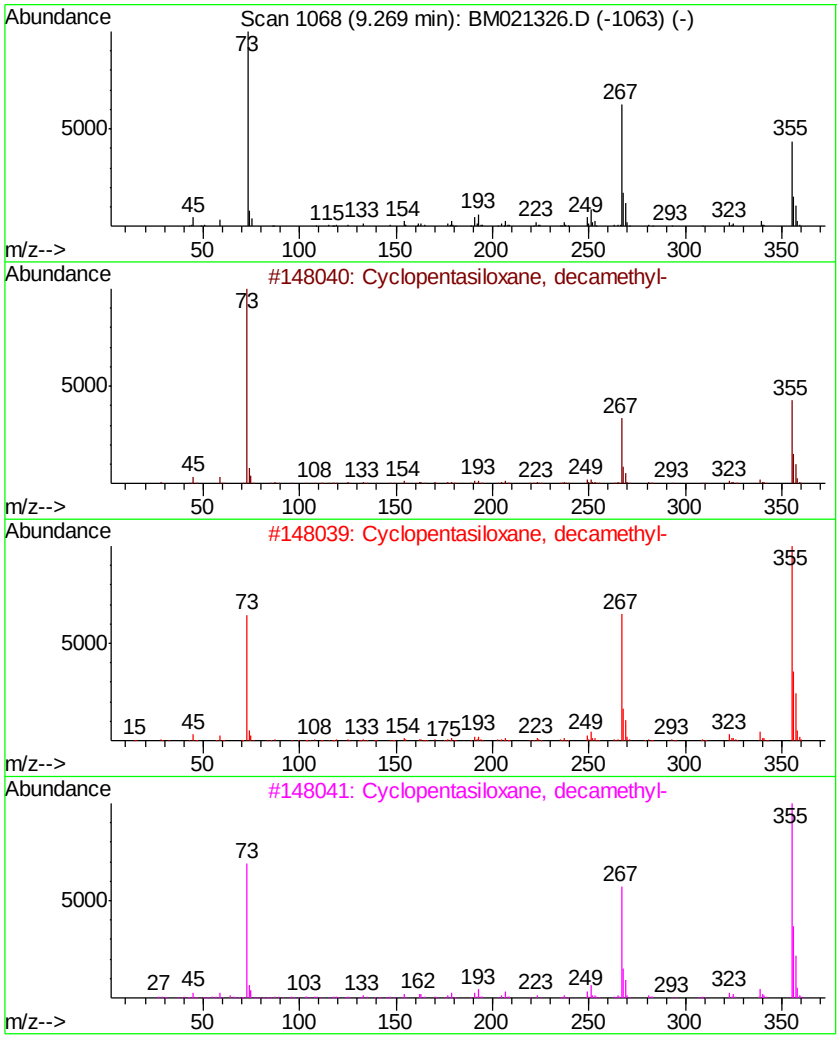
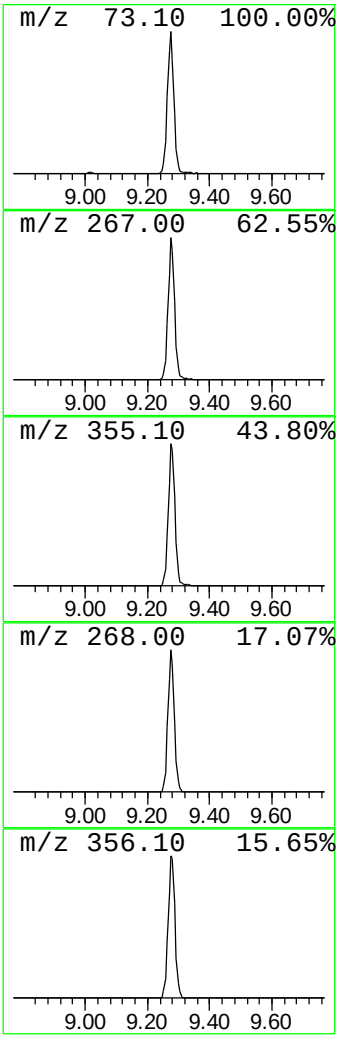
Peak Number 3 Cyclopentasiloxane, decamet... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	4.12 ng/ul	463287	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	91
4	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	43
5	Silanamine, 1,1,1-trimethyl-N-[2...	369	C17H35NO2Si3	068595-60-8	38





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AE6

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
Cyclotrisiloxane,...	4.40	5.0	ng/ul	351611	1	7.75	1416670	20.0
Cyclotetrasiloxan...	6.85	9.4	ng/ul	666584	1	7.75	1416670	20.0
Cyclopentasiloxan...	9.27	4.1	ng/ul	463287	2	10.54	2246300	20.0