LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
Data File : BM021242.D
Acq On : 28 Jun 2019 21:42
Operator : HP/JU
Sample : K3462-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCN2

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	25	rVB	2388205	2862030	39.24%	4.097%
2	3.281	47	50	57	rVB	50128	69019	0.95%	0.099%
3	4.404	237	241	249	rVB	266401	360275	4.94%	0.516%
4	6.863	654	659	664	rVV	159350	212536	2.91%	0.304%
5	6.928	665	670	680	rVB	246283	423853	5.81%	0.607%
6	7.104	693	700	713	rBV	757966	1230905	16.88%	1.762%
7	7.292	725	732	740	rBV	902727	1395158	19.13%	1.997%
8	7.757	805	811	819	rBV	763453	1222637	16.76%	1.750%
9	8.463	924	931	941	rBV	757352	1210064	16.59%	1.732%
10	8.922	1002	1009	1019	rBV	1102807	1785534	24.48%	2.556%
11	9.016	1023	1025	1032	rVV5	4363	7656	0.10%	0.011%
12	9.286	1062	1071	1081	rBV	92360	136213	1.87%	0.195%
13	9.639	1124	1131	1142	rBV	907763	1528252	20.95%	2.188%
14	10.169	1214	1221	1243	rBV	1428640	2410331	33.05%	3.451%
15	10.545	1275	1285	1295	rBV	1166572	1922436	26.36%	2.752%
16	10.698	1305	1311	1323	rBV	123870	243293	3.34%	0.348%
17	11.780	1489	1495	1502	rVB	72057	106392	1.46%	0.152%
18	12.145	1551	1557	1566	rVB2	23835	41809	0.57%	0.060%
19	13.816	1832	1841	1846	rBV	3086276	4291499	58.84%	6.144%
20	13.863	1846	1849	1855	rVB	253355	322492	4.42%	0.462%
21	14.092	1881	1888	1899	rBV	3422371	5021812	68.85%	7.189%
22	14.398	1934	1940	1950	rBV2	1823234	2886857	39.58%	4.133%
23	14.621	1972	1978	1993	rBV	133443	288327	3.95%	0.413%
24	15.157	2061	2069	2072	rBV2	10506	17665	0.24%	0.025%
25	15.192	2072	2075	2079	rVV	9051	11752	0.16%	0.017%
26	15.239	2079	2083	2088	rVB3	5800	10010	0.14%	0.014%
27	15.351	2094	2102	2104	rBV	38995	50980	0.70%	0.073%
28	15.398	2104	2110	2121	rVV	4486766	6488501	88.96%	9.289%
29	15.521	2125	2131	2146	rVV	1109385	1580676	21.67%	2.263%
30	15.639	2146	2151	2159	rVB	49794	79373	1.09%	0.114%
31	16.180	2240	2243	2247	rVB3	10379	13197	0.18%	0.019%
32	16.351	2266	2272	2274	rBV3	5619	8969	0.12%	0.013%
33	16.598	2309	2314	2323	rVB	33497	40819	0.56%	0.058%
34	16.898	2361	2365	2368	rBV5	5176	9433	0.13%	0.014%

LSC Area Percent Report

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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	16.933	2368	2371	2376	rVB3	8726	13763	0.19%	0.020%
36	17.151	2401	2408	2416	rBV2	2457769	3449504	47.30%	4.938%
37	17.251	2418	2425	2434	rBV	4815314	6794742	93.16%	9.727%
38	17.668	2492	2496	2499	rVB2	24164	28401	0.39%	0.041%
39	18.033	2553	2558	2569	rBV	125404	200593	2.75%	0.287%
40	18.327	2604	2608	2613	rBV4	9057	15467	0.21%	0.022%
41	18.609	2653	2656	2661	rVB3	22240	26282	0.36%	0.038%
42	19.180	2748	2753	2759	rBV	60485	87522	1.20%	0.125%
43	19.315	2773	2776	2782	rBV5	40500	53242	0.73%	0.076%
44	19.427	2789	2795	2799	rBV2	40395	78725	1.08%	0.113%
45	19.545	2808	2815	2821	rBV	5484827	7293583	100.00%	10.442%
46	20.109	2909	2911	2913	rVB2	21179	17467	0.24%	0.025%
47	21.039	3065	3069	3076	rBV3	121842	222351	3.05%	0.318%
48	21.333	3114	3119	3129	rVB	2456428	3063211	42.00%	4.385%
49	22.380	3294	3297	3301	rBV2	147604	169148	2.32%	0.242%
50	22.891	3381	3384	3390	rVB2	183687	244277	3.35%	0.350%
51	23.456	3473	3480	3494	rVB	3676546	6743243	92.45%	9.654%
52	23.597	3498	3504	3515	rVB2	1574989	3058934	41.94%	4.379%

Sum of corrected areas: 69851210

LSC Report - Integrated Chromatogram

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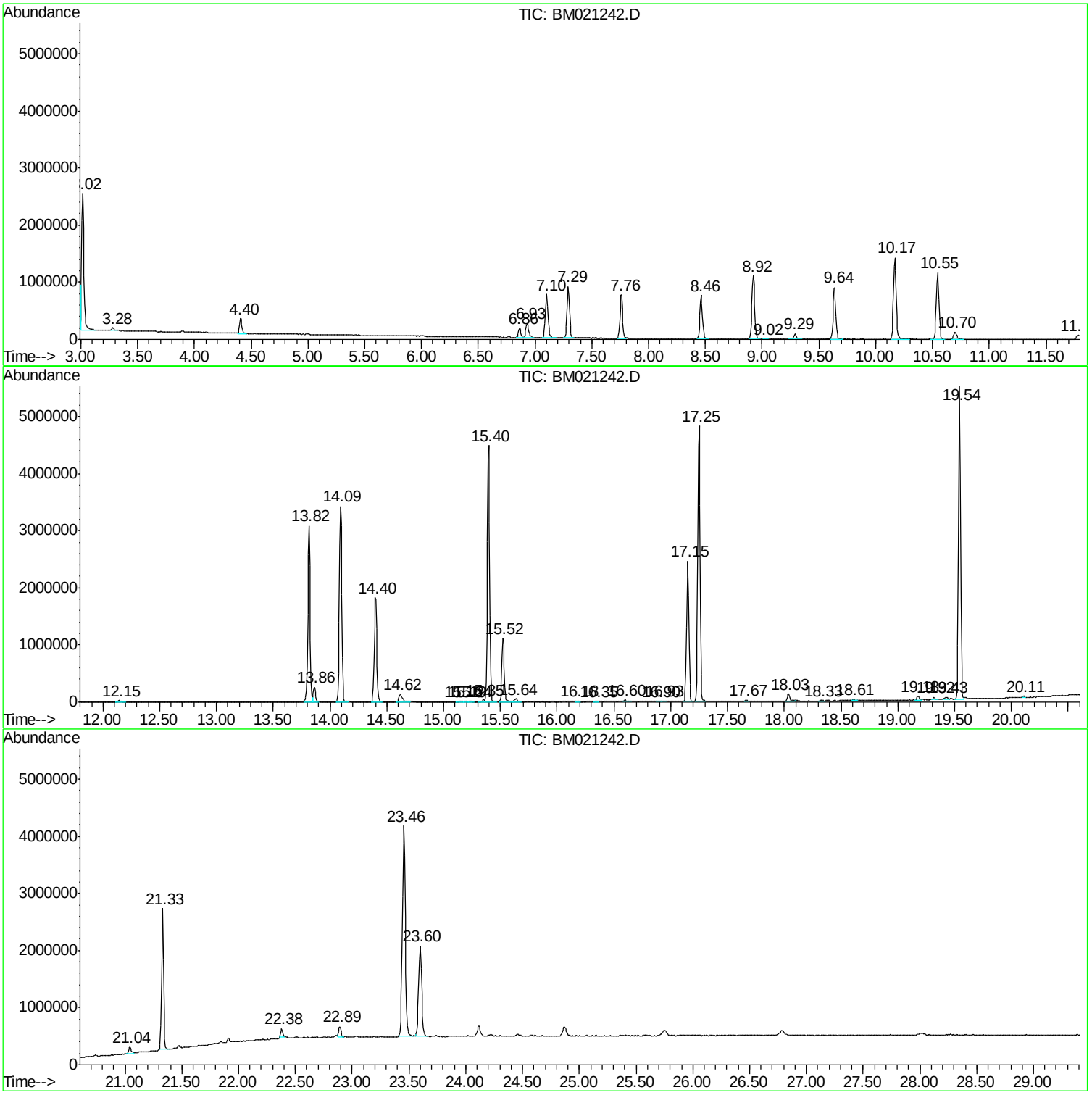
Sample : K3462-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCN2

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\BM062819\
Data File : BM021242.D
Acq On : 28 Jun 2019 21:42
Operator : HP/JU
Sample : K3462-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCN2

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

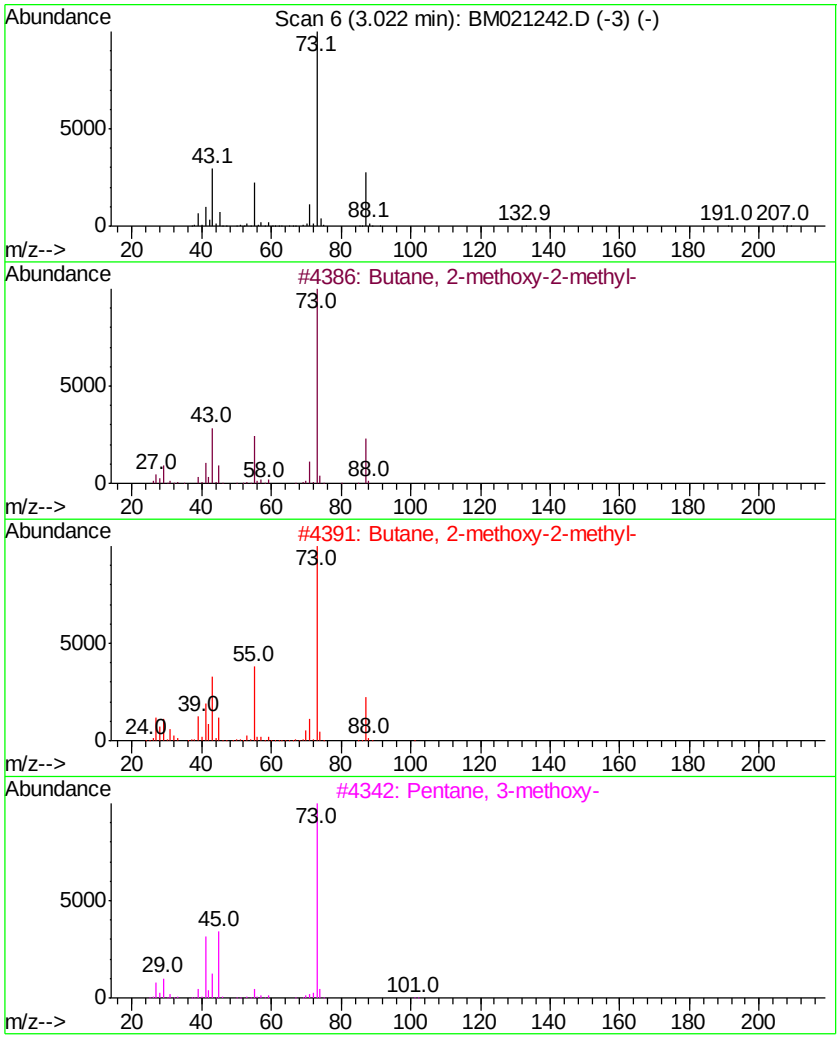
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

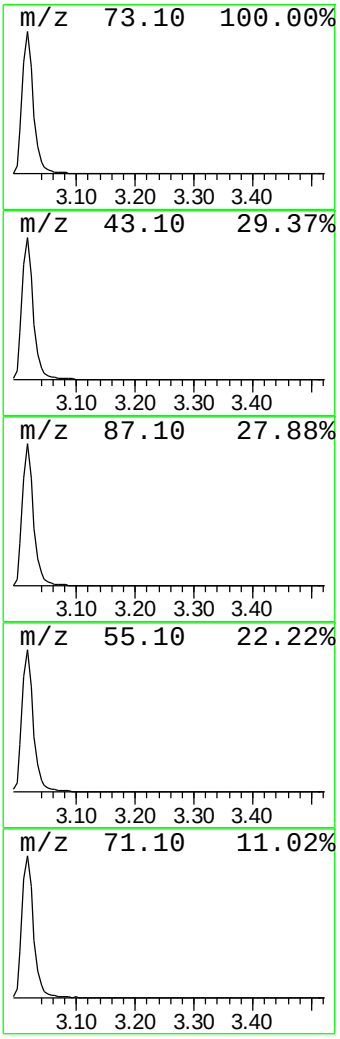
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	46.82 ng/ul	2862030	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	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Sample : K3462-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCN2

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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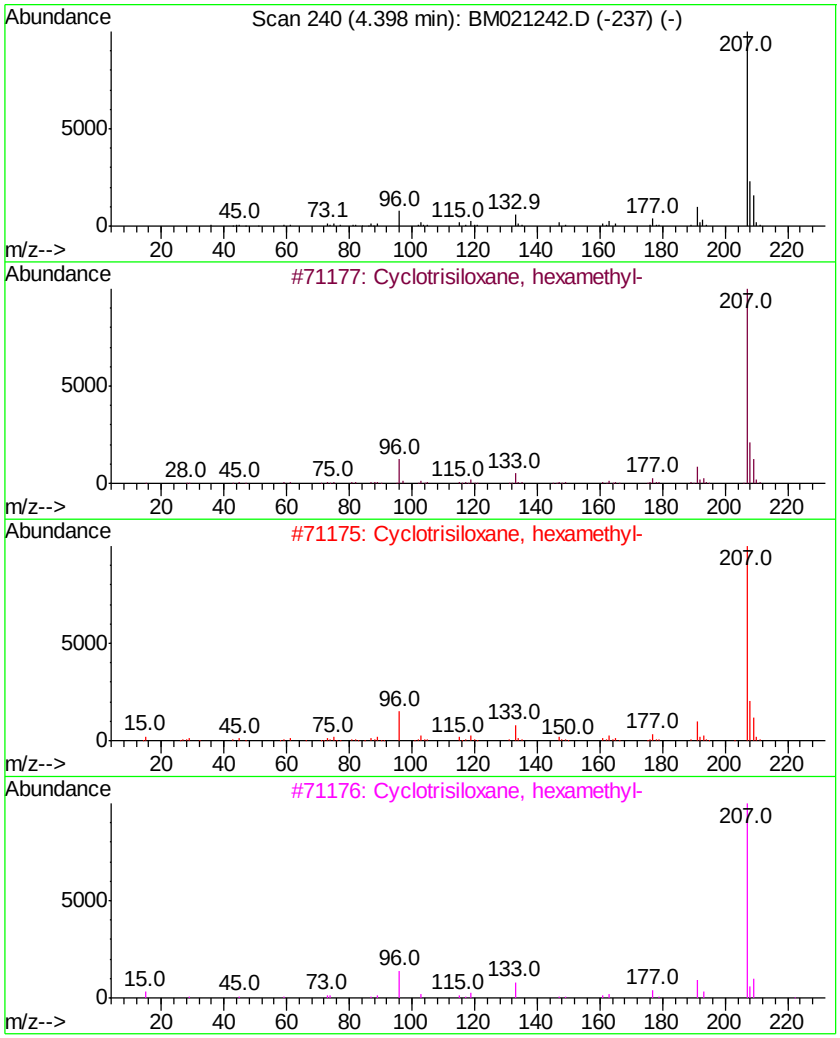
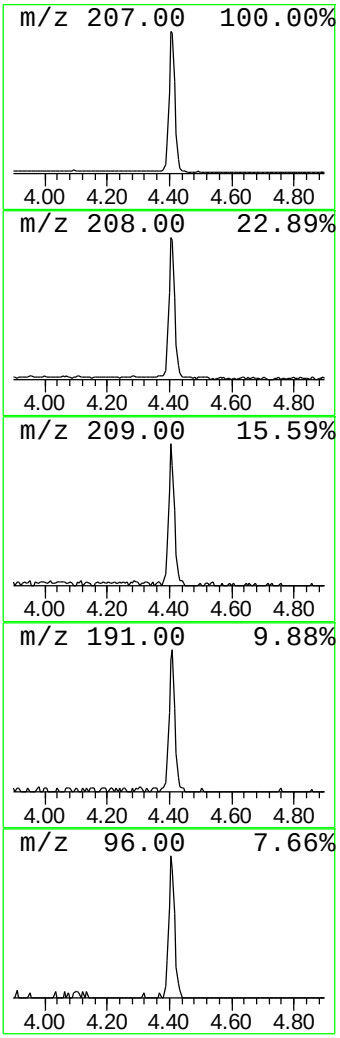
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.89 ng/ul	360275	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	86
2	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	47
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	43
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





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Sample : K3462-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFCN2

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

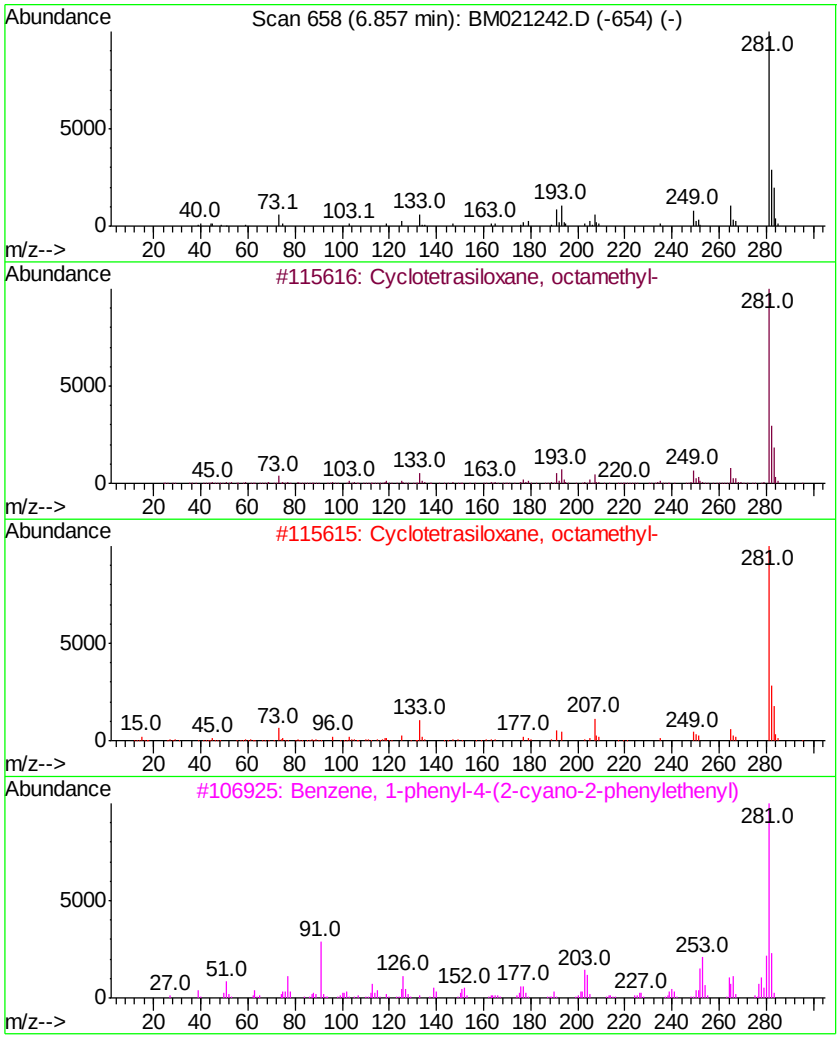
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

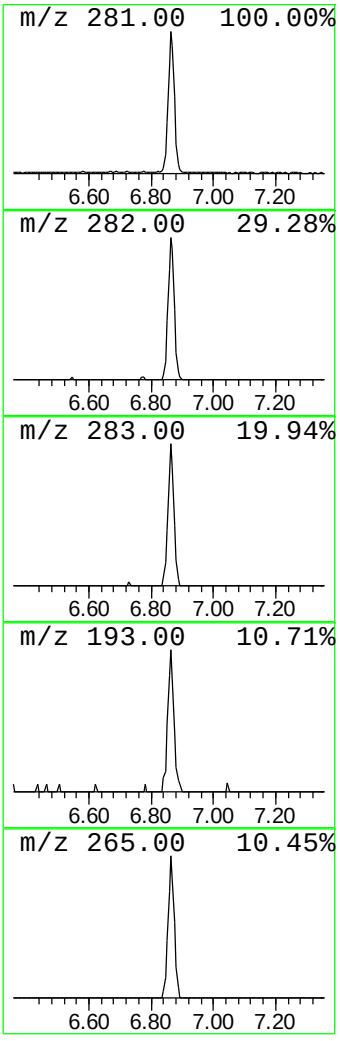
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.48 ng/ul	212536	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	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	53
4	4-Nitro-4'-chlorodiphenylsulfoxide	281	C12H8ClNO3S	024535-53-3	50
5	3-Amino-6-nitro-4-phenyl-1H-quin...	281	C15H11N3O3	036020-93-6	50





Tentatively Identified Compound (LSC) summary

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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...	3.02	46.8	ng/ul	2862030	1	7.76	1222640	20.0
Cyclotrisiloxane,...	4.40	5.9	ng/ul	360275	1	7.76	1222640	20.0
Cyclotetrasiloxan...	6.86	3.5	ng/ul	212536	1	7.76	1222640	20.0