LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021110.D
Acq On : 22 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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	3.022	3	6	26	rVB	3154083	4197564	88.35%	6.655%
2	3.287	49	51	56	rVB	38941	44825	0.94%	0.071%
3	4.422	239	244	252	rVB	328941	441987	9.30%	0.701%
4	4.904	323	326	330	rVB2	19706	23978	0.50%	0.038%
5	5.010	340	344	349	rVB2	31550	44153	0.93%	0.070%
6	6.881	657	662	667	rBV	191644	269102	5.66%	0.427%
7	6.940	667	672	686	rVB	710083	1137938	23.95%	1.804%
8	7.116	695	702	718	rVB	620381	965945	20.33%	1.531%
9	7.304	728	734	744	rVB	779587	1227957	25.85%	1.947%
10	7.775	807	814	821	rBV	964602	1509450	31.77%	2.393%
11	8.475	926	933	947	rVV	883910	1409688	29.67%	2.235%
12	8.604	950	955	961	rVB4	5776	11461	0.24%	0.018%
13	8.934	1004	1011	1022	rBV	771012	1312238	27.62%	2.080%
14	9.310	1069	1075	1080	rVB	107204	154785	3.26%	0.245%
15	9.651	1127	1133	1147	rVB	684588	1095552	23.06%	1.737%
16	10.181	1215	1223	1237	rBV	1021133	1725442	36.32%	2.736%
17	10.563	1281	1288	1301	rBV	1385584	2287037	48.14%	3.626%
18	10.704	1306	1312	1328	rBV	884500	1590151	33.47%	2.521%
19	11.798	1492	1498	1504	rBV	77170	112024	2.36%	0.178%
20	12.069	1538	1544	1552	rBV4	2408	7032	0.15%	0.011%
21	12.157	1552	1559	1566	rVV2	18252	30080	0.63%	0.048%
22	12.763	1656	1662	1667	rBV6	5125	9144	0.19%	0.014%
23	13.010	1701	1704	1709	rBV5	6519	9150	0.19%	0.015%
24	13.298	1750	1753	1760	rVB7	3345	5092	0.11%	0.008%
25	13.416	1769	1773	1779	rVB4	9105	13479	0.28%	0.021%
26	13.827	1832	1843	1847	rBV	2164102	3061333	64.44%	4.854%
27	13.874	1847	1851	1860	rVB	689725	941934	19.83%	1.493%
28	14.110	1884	1891	1906	rVB	2341179	3425402	72.10%	5.431%
29	14.416	1936	1943	1956	rBV2	2180411	3288547	69.22%	5.214%
30	14.621	1971	1978	1996	rBV	484485	822562	17.31%	1.304%
31	14.839	2010	2015	2019	rBV6	5266	10714	0.23%	0.017%
32	15.210	2072	2078	2082	rBV	61919	83482	1.76%	0.132%
33	15.257	2082	2086	2089	rVB2	6906	8936	0.19%	0.014%
34	15.368	2100	2105	2106	rBV	37916	41939	0.88%	0.066%

LSC Area Percent Report

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Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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	15.410	2106	2112	2121	rVB	3179948	4460602	93.89%	7.072%
36	15.533	2127	2133	2148	rBV	672925	941606	19.82%	1.493%
37	15.651	2148	2153	2158	rVB2	35511	50887	1.07%	0.081%
38	16.121	2229	2233	2241	rBV4	16204	29626	0.62%	0.047%
39	16.192	2241	2245	2250	rVB5	5762	9277	0.20%	0.015%
40	16.304	2258	2264	2268	rVB5	4047	6725	0.14%	0.011%
41	16.362	2270	2274	2277	rBV4	4052	5218	0.11%	0.008%
42	16.433	2283	2286	2289	rBV2	3883	5014	0.11%	0.008%
43	16.568	2304	2309	2312	rBV4	2551	5184	0.11%	0.008%
44	16.615	2312	2317	2321	rVB2	29846	35479	0.75%	0.056%
45	16.915	2364	2368	2370	rBV4	6837	8340	0.18%	0.013%
46	16.951	2370	2374	2381	rVB2	11278	18156	0.38%	0.029%
47	17.162	2403	2410	2416	rBV2	2641413	3730428	78.52%	5.914%
48	17.262	2420	2427	2438	rVV	3194219	4525170	95.25%	7.174%
49	17.445	2456	2458	2464	rVB2	6615	9490	0.20%	0.015%
50	17.645	2489	2492	2494	rBV3	5934	6523	0.14%	0.010%
51	17.680	2496	2498	2503	rVB2	20670	24639	0.52%	0.039%
52	17.833	2520	2524	2526	rBV4	6269	8783	0.18%	0.014%
53	17.927	2536	2540	2546	rVB5	4756	9370	0.20%	0.015%
54	18.045	2555	2560	2568	rBV	105361	160617	3.38%	0.255%
55	18.127	2571	2574	2577	rVB	19246	23669	0.50%	0.038%
56	18.345	2608	2611	2616	rVB4	9646	11181	0.24%	0.018%
57	18.627	2656	2659	2664	rVB5	17965	21819	0.46%	0.035%
58	18.845	2694	2696	2701	rBV5	5269	6882	0.14%	0.011%
59	18.909	2705	2707	2711	rVV4	6941	7731	0.16%	0.012%
60	18.974	2714	2718	2727	rVV8	16160	33271	0.70%	0.053%
61	19.186	2751	2754	2758	rBV	38234	55604	1.17%	0.088%
62	19.327	2775	2778	2784	rBV6	30896	49593	1.04%	0.079%
63	19.433	2792	2796	2800	rBV2	26885	46382	0.98%	0.074%
64	19.556	2810	2817	2834	rBV	3498690	4751024	100.00%	7.532%
65	19.786	2853	2856	2860	rBV	24481	28214	0.59%	0.045%
66	20.092	2904	2908	2911	rBV3	41228	46832	0.99%	0.074%
67	20.127	2911	2914	2916	rBV4	17242	18484	0.39%	0.029%
68	20.586	2989	2992	2996	rVB2	49090	48609	1.02%	0.077%
69	21.045	3066	3070	3075	rBV	323639	415180	8.74%	0.658%
70	21.339	3115	3120	3130	rBV	2526088	3450156	72.62%	5.470%
71	21.486	3142	3145	3148	rVB	103014	104458	2.20%	0.166%

LSC Area Percent Report

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Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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

72	21.921	3217	3219	3226	rVB2	132826	177146	3.73%	0.281%
73	22.392	3296	3299	3303	rBV	170584	199737	4.20%	0.317%
74	22.903	3383	3386	3393	rVB	193709	255206	5.37%	0.405%
75	23.468	3475	3482	3492	rBV	2264061	4508672	94.90%	7.148%
76	23.615	3500	3507	3520	rVB	1784442	3443367	72.48%	5.459%

Sum of corrected areas: 63074454

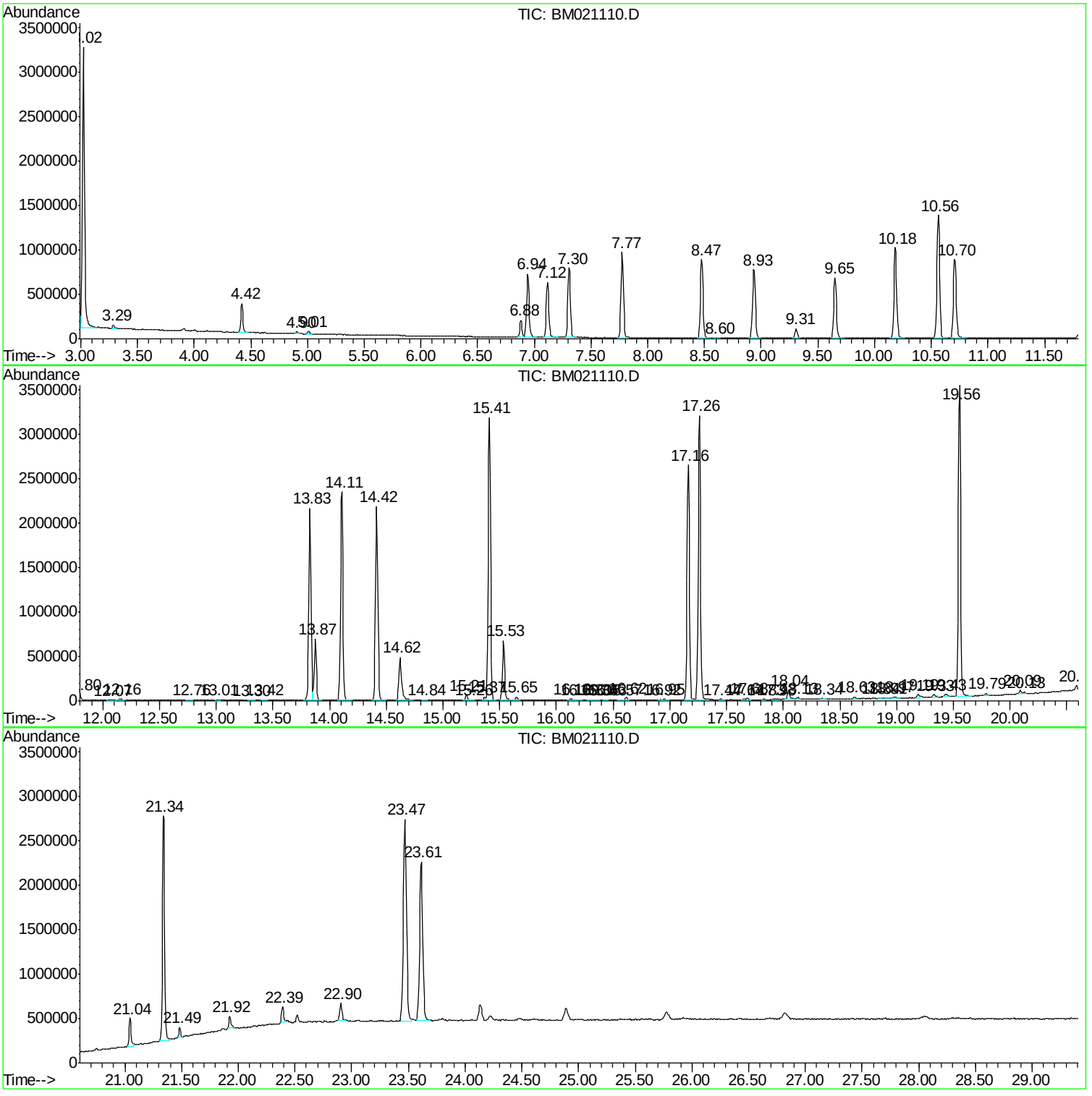
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021110.D
Acq On : 22 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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\BM062319\
Data File : BM021110.D
Acq On : 22 Jun 2019 20:30
Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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

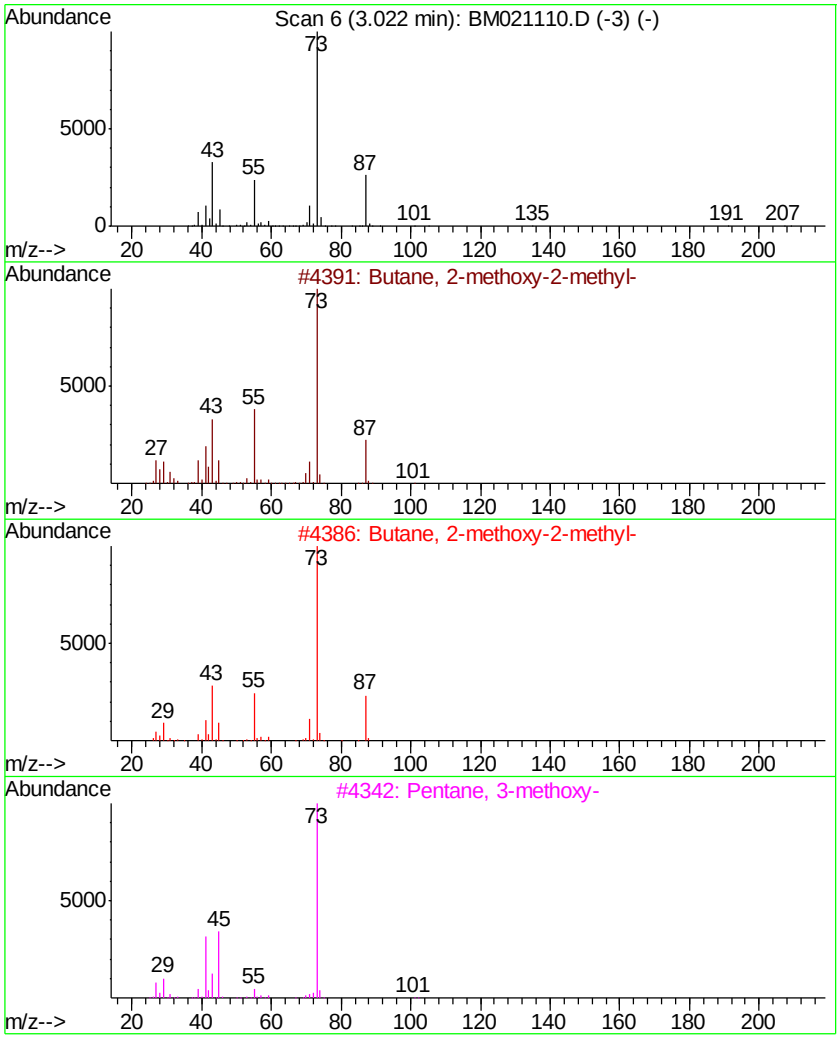
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

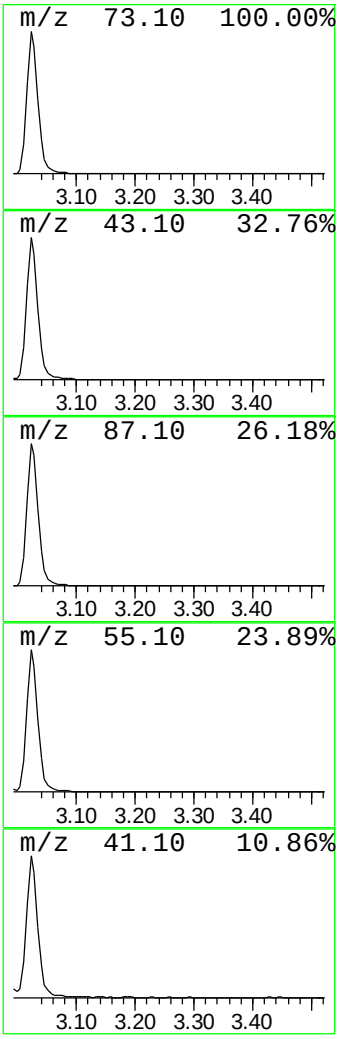
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	55.62 ng/ul	4197560	1,4-Dichlorobenzene-d4	7.77

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	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021110.D
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Operator : HP/JU
Sample : K3362-13
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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

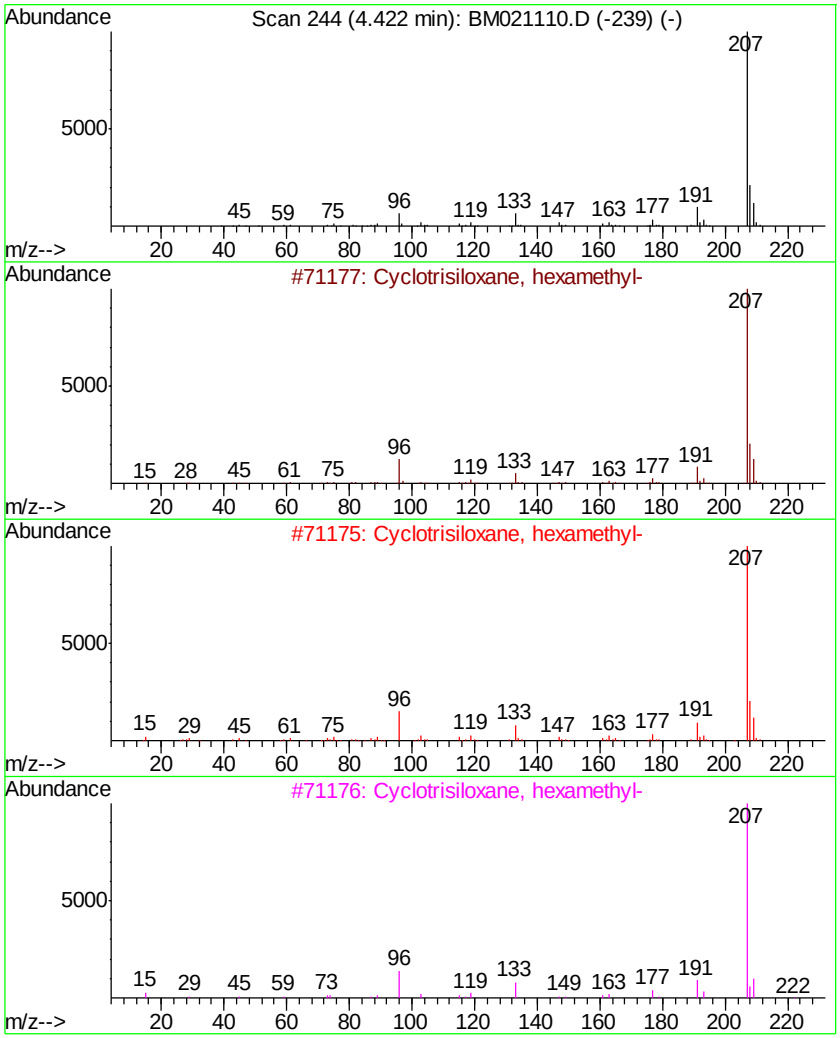
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

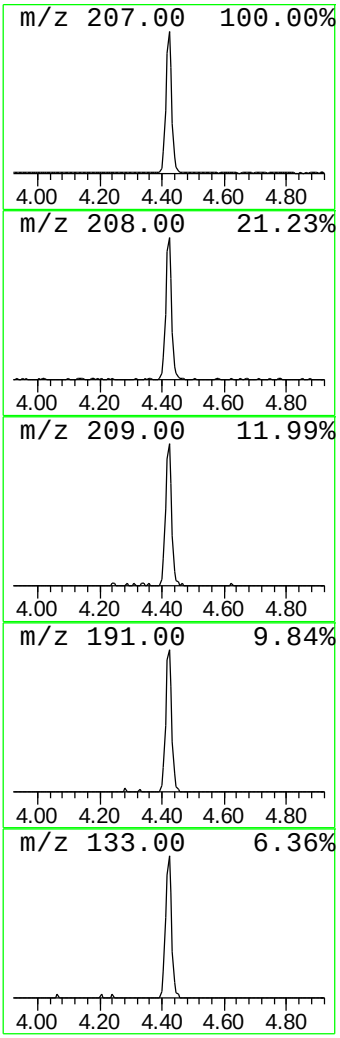
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	5.86 ng/ul	441987	1,4-Dichlorobenzene-d4	7.77

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	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	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\BM062319\
Data File : BM021110.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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

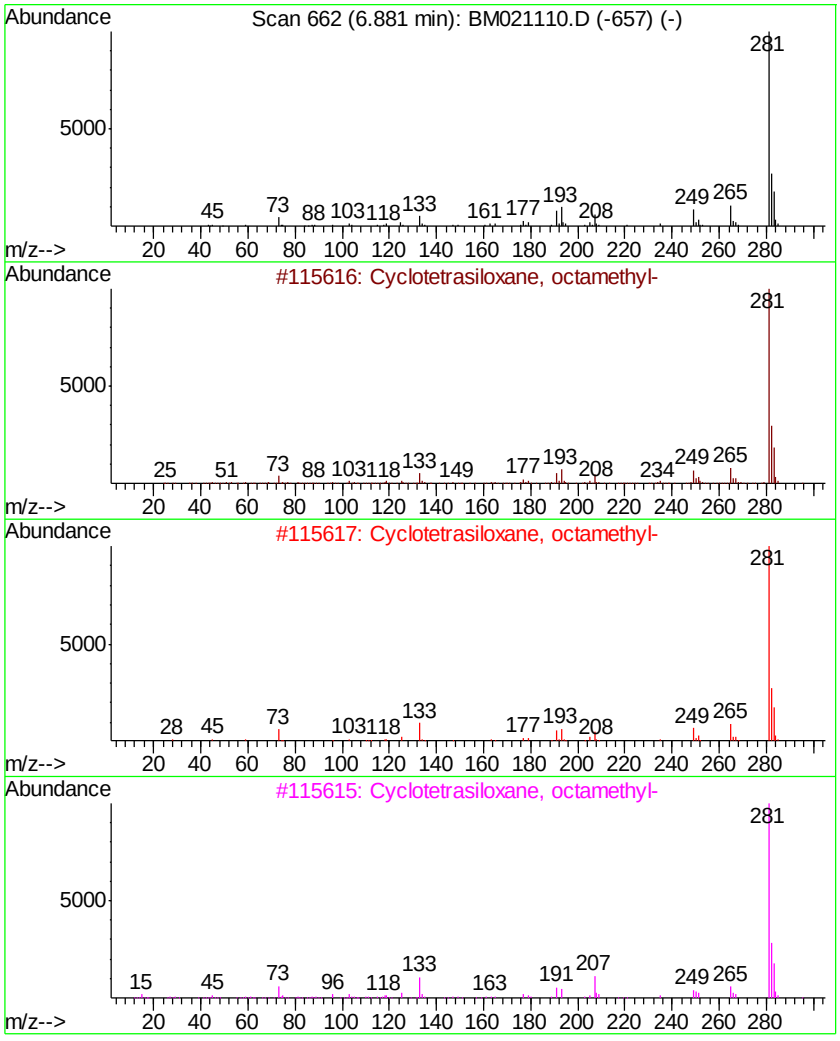
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

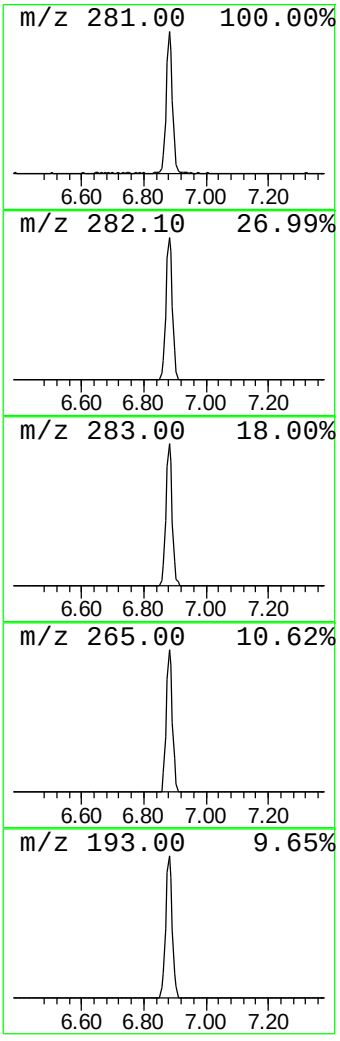
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	3.57 ng/ul	269102	1,4-Dichlorobenzene-d4	7.77

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	5-(p-Aminophenyl)-4-(p-tolyl)-2-...	281	C16H15N3S	094460-46-5	59
5	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59





Library Search Compound Report

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X9

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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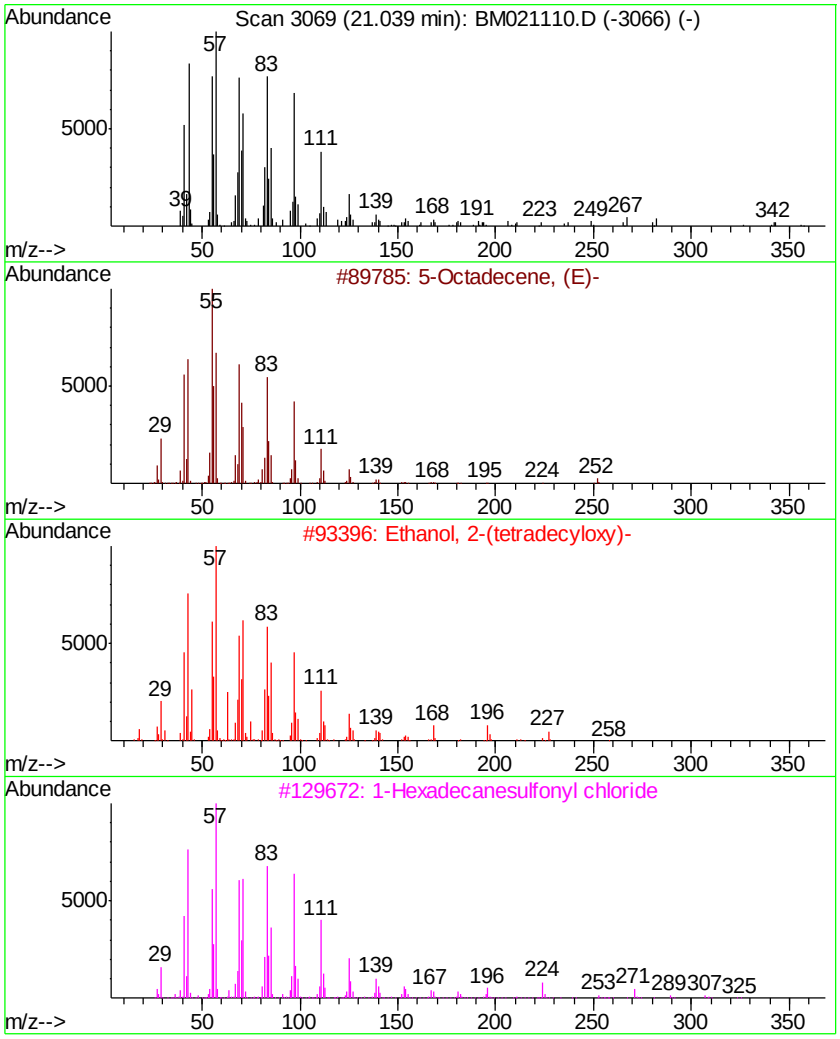
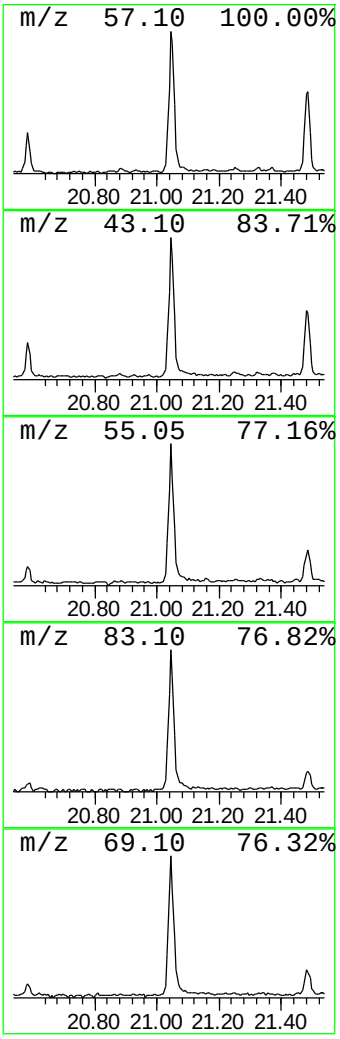
Peak Number 4 (DEL) Alkane: Cyclic21.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.41 ng/ul	415180	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	87
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	81





Tentatively Identified Compound (LSC) summary

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Data File : BM021110.D
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Misc :
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Instrument : BNA_M
ClientSampleId : A41X9

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...	3.02	55.6	ng/ul	4197560	1	7.77	1509450	20.0
Cyclotrisiloxane,...	4.42	5.9	ng/ul	441987	1	7.77	1509450	20.0
Cyclotetrasiloxan...	6.88	3.6	ng/ul	269102	1	7.77	1509450	20.0
(DEL) Alkane: Cyc...	21.04	2.4	ng/ul	415180	5	21.34	3450160	20.0