LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062319\
Data File : BM021103.D
Acq On : 22 Jun 2019 16:17
Operator : HP/JU
Sample : K3362-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A41X5

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	17	rVB	1421497	1843348	30.99%	2.659%
2	3.287	48	51	57	rVB2	51260	69896	1.17%	0.101%
3	3.881	149	152	154	rBV2	22131	26006	0.44%	0.038%
4	4.422	240	244	251	rVB	130582	169245	2.84%	0.244%
5	6.881	655	662	666	rBV	80222	110383	1.86%	0.159%
6	6.940	666	672	686	rVB	959741	1552660	26.10%	2.240%
7	7.116	696	702	715	rBV	818920	1274809	21.43%	1.839%
8	7.310	728	735	745	rBV	1039253	1681499	28.27%	2.425%
9	7.381	745	747	752	rVB3	6070	8610	0.14%	0.012%
10	7.498	762	767	773	rBV7	6597	12864	0.22%	0.019%
11	7.775	807	814	821	rBV	990547	1538213	25.86%	2.219%
12	7.822	821	822	827	rVB2	5483	6402	0.11%	0.009%
13	8.475	927	933	944	rBV	1181526	1902704	31.98%	2.744%
14	8.604	951	955	960	rVB3	7487	11504	0.19%	0.017%
15	8.940	1004	1012	1019	rBV	1008172	1690580	28.42%	2.438%
16	9.310	1067	1075	1080	rBV	43284	65060	1.09%	0.094%
17	9.651	1126	1133	1145	rVB	873064	1428651	24.01%	2.061%
18	10.181	1216	1223	1241	rBV	1316061	2261992	38.02%	3.263%
19	10.563	1280	1288	1295	rBV	1373893	2246335	37.76%	3.240%
20	10.616	1295	1297	1302	rVB2	8551	10915	0.18%	0.016%
21	10.704	1305	1312	1328	rBV	1128756	2029641	34.12%	2.928%
22	11.357	1418	1423	1427	rVB4	3815	6062	0.10%	0.009%
23	11.798	1493	1498	1503	rVB2	29687	40857	0.69%	0.059%
24	12.080	1540	1546	1550	rVB4	3348	6654	0.11%	0.010%
25	12.157	1554	1559	1566	rVB	23816	38801	0.65%	0.056%
26	12.769	1657	1663	1669	rVB5	4164	8342	0.14%	0.012%
27	13.010	1699	1704	1711	rVB3	14972	24896	0.42%	0.036%
28	13.827	1832	1843	1848	rBV	2655159	3619376	60.84%	5.221%
29	13.874	1848	1851	1860	rVB	646945	836058	14.05%	1.206%
30	14.110	1884	1891	1901	rBV	2863276	4210055	70.77%	6.073%
31	14.416	1936	1943	1953	rVB2	2068981	3098014	52.08%	4.469%
32	14.621	1971	1978	2002	rBV	658809	1125055	18.91%	1.623%
33	14.845	2011	2016	2020	rVB6	7843	13779	0.23%	0.020%
34	15.210	2072	2078	2083	rBV	21891	30923	0.52%	0.045%

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Instrument : BNA_M
ClientSampleId : A41X5

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	15.257	2083	2086	2089	rVB3	5531	6049	0.10%	0.009%
36	15.368	2099	2105	2106	rBV	12456	13470	0.23%	0.019%
37	15.410	2106	2112	2122	rVB	3655519	5310312	89.26%	7.660%
38	15.533	2127	2133	2146	rVV	872485	1181822	19.87%	1.705%
39	15.651	2149	2153	2160	rVB2	44382	61604	1.04%	0.089%
40	16.127	2230	2234	2236	rBV4	5349	6987	0.12%	0.010%
41	16.186	2240	2244	2249	rBV5	8225	13847	0.23%	0.020%
42	16.615	2314	2317	2320	rBV4	5653	6557	0.11%	0.009%
43	16.951	2370	2374	2379	rVB2	10889	17361	0.29%	0.025%
44	17.162	2404	2410	2420	rVV2	2481383	3490356	58.67%	5.034%
45	17.262	2420	2427	2439	rVV	3825631	5437340	91.40%	7.843%
46	17.362	2441	2444	2448	rVB5	8919	11054	0.19%	0.016%
47	17.686	2495	2499	2501	rVB4	4165	6171	0.10%	0.009%
48	17.833	2517	2524	2528	rVB5	7698	13745	0.23%	0.020%
49	18.051	2556	2561	2571	rBV	133628	195226	3.28%	0.282%
50	18.127	2571	2574	2578	rVB	11449	15405	0.26%	0.022%
51	18.345	2607	2611	2615	rBV5	8716	9459	0.16%	0.014%
52	18.904	2704	2706	2711	rBV6	4502	7461	0.13%	0.011%
53	18.974	2714	2718	2721	rBV5	15398	22771	0.38%	0.033%
54	19.192	2750	2755	2764	rBV2	49046	91104	1.53%	0.131%
55	19.327	2775	2778	2786	rBV5	34823	51656	0.87%	0.075%
56	19.439	2794	2797	2801	rVB2	30127	39918	0.67%	0.058%
57	19.556	2811	2817	2829	rBV	4367652	5949040	100.00%	8.581%
58	19.821	2859	2862	2864	rBV2	14591	16909	0.28%	0.024%
59	20.092	2905	2908	2912	rVB2	41031	42366	0.71%	0.061%
60	20.592	2989	2993	2996	rBV	64562	67766	1.14%	0.098%
61	21.050	3067	3071	3076	rBV	327587	399280	6.71%	0.576%
62	21.345	3116	3121	3130	rBV	2812213	3490709	58.68%	5.035%
63	21.486	3142	3145	3150	rBV2	147598	172082	2.89%	0.248%
64	21.927	3217	3220	3226	rBV2	167629	216525	3.64%	0.312%
65	22.397	3297	3300	3307	rVB2	172899	225263	3.79%	0.325%
66	22.909	3384	3387	3392	rVB2	177219	244601	4.11%	0.353%
67	23.474	3476	3483	3499	rVV	3040607	5923825	99.58%	8.545%
68	23.621	3501	3508	3521	rVB	1827916	3570710	60.02%	5.150%

Sum of corrected areas: 69328940

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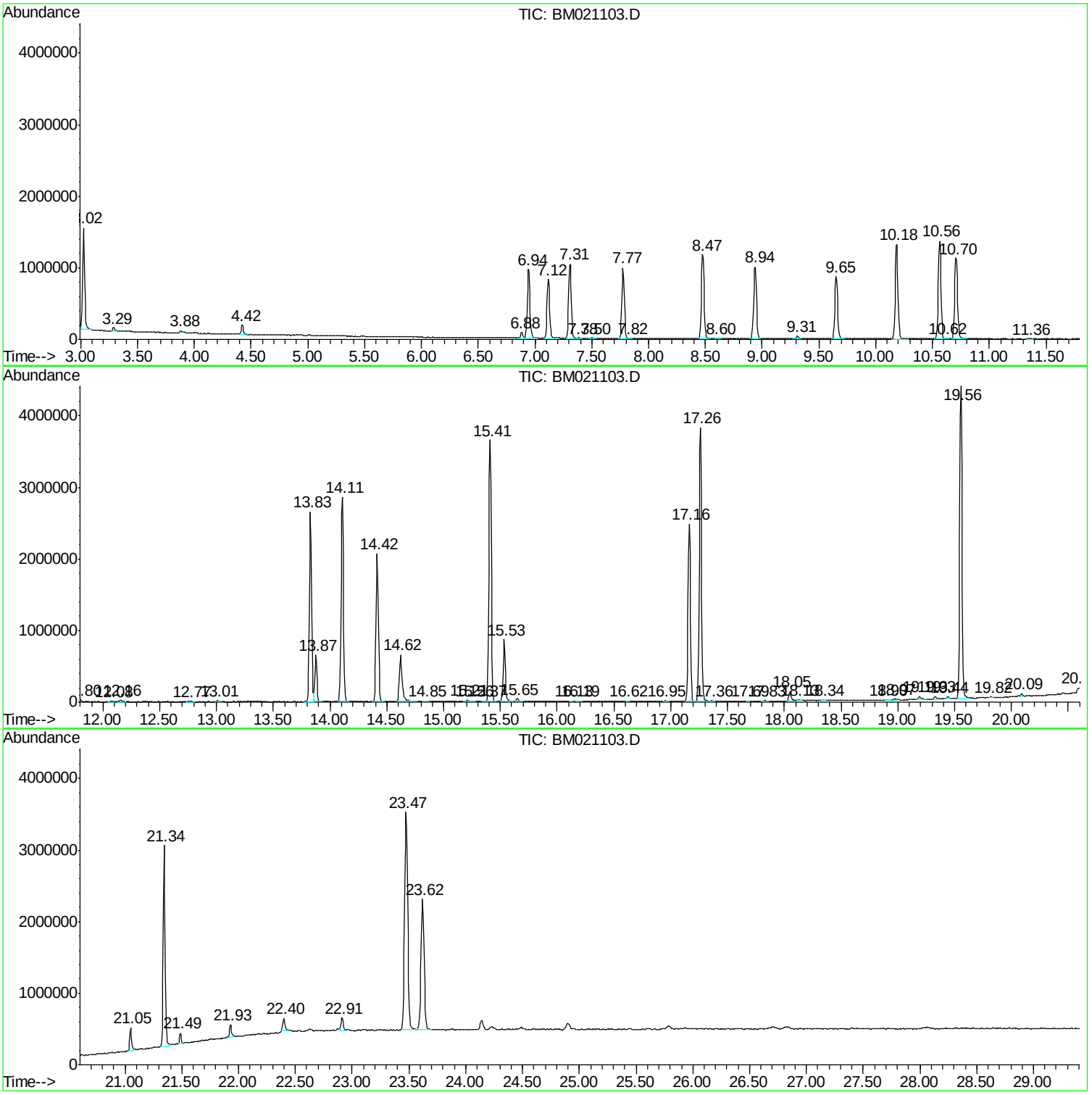
Instrument :
BNA_M
ClientSampleId :
A41X5

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

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Instrument : BNA_M
ClientSampleId : A41X5

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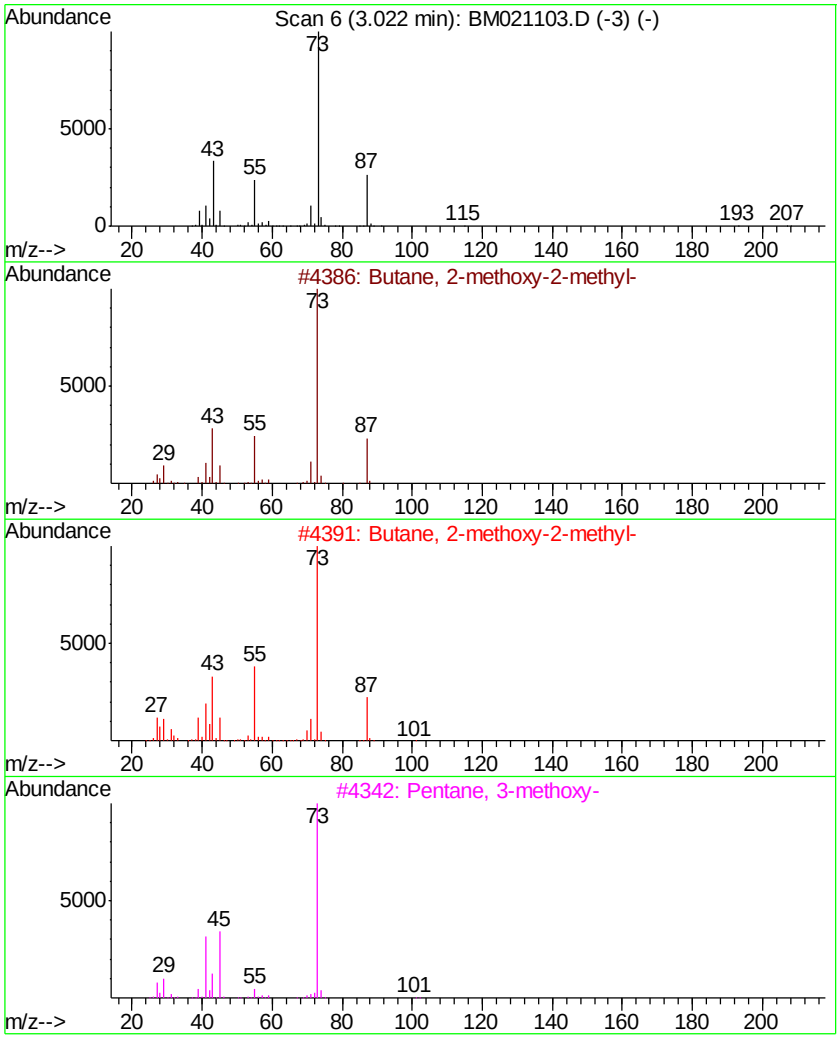
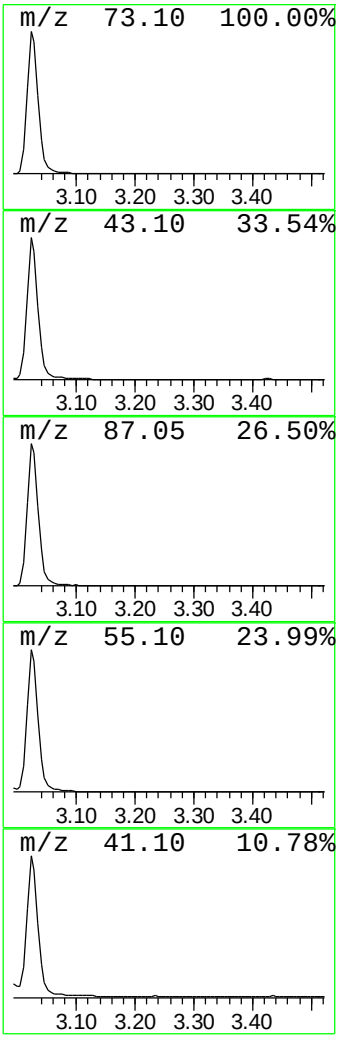
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	23.97 ng/ul	1843350	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_M
ClientSampleId : A41X5

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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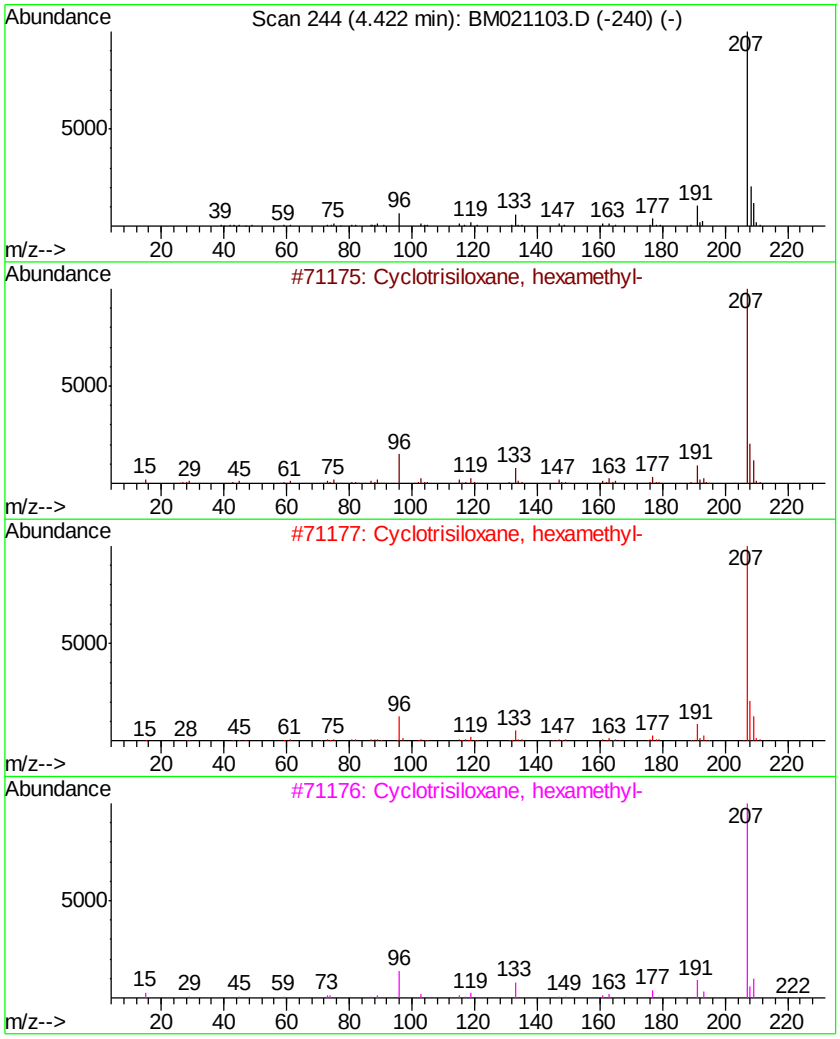
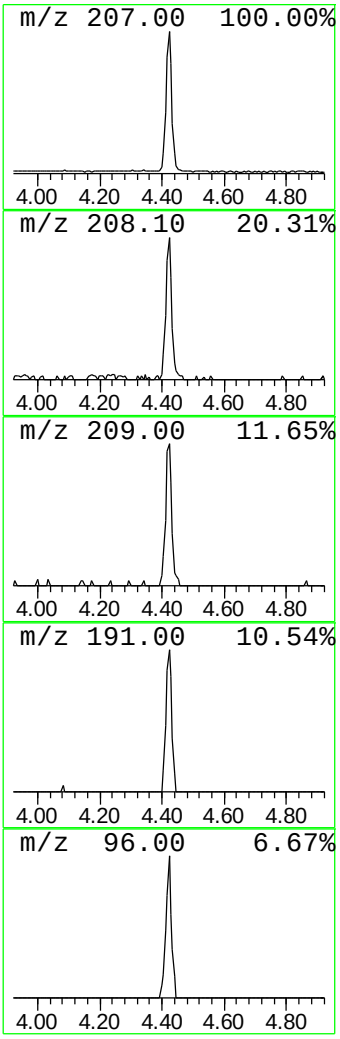
Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	2.20 ng/ul	169245	1,4-Dichlorobenzene-d4	7.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	90
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





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Instrument : BNA_M
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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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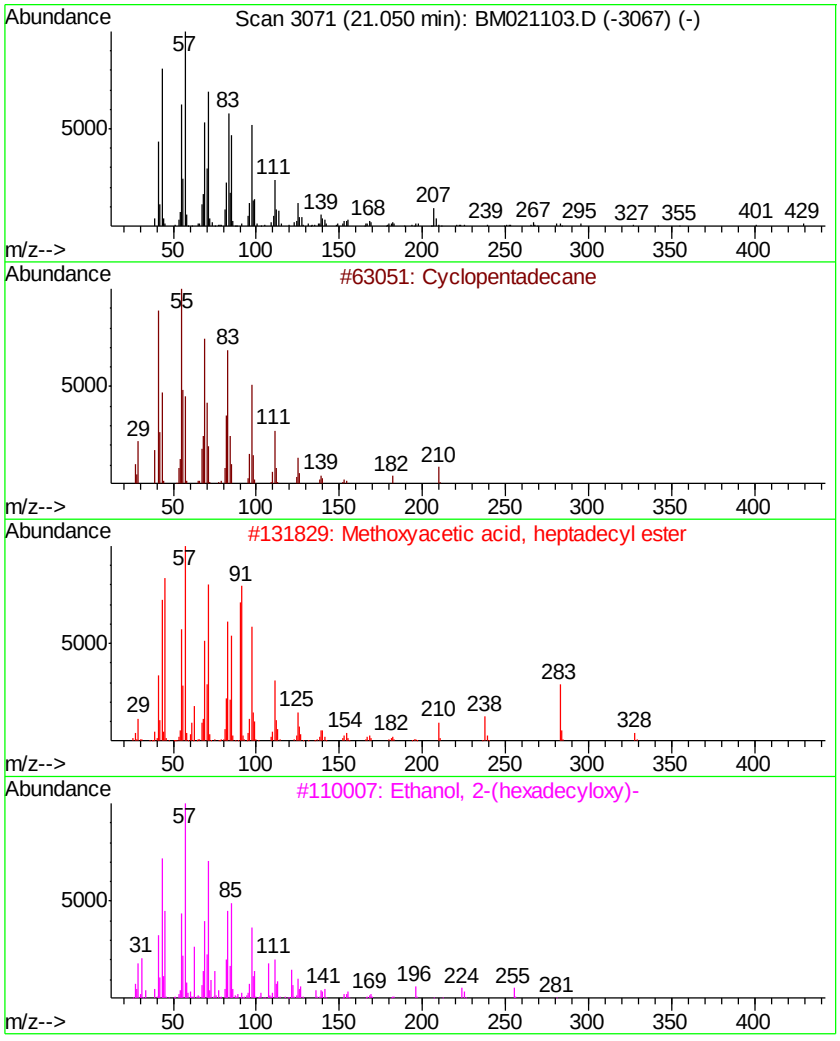
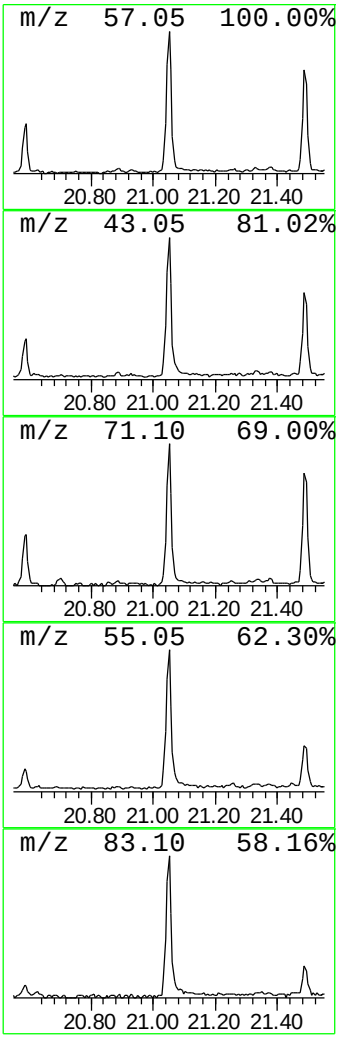
Peak Number 3 (DEL) Alkane: Cyclic21.05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.29 ng/ul	399280	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	90
3	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	87
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	81
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	24.0	ng/ul	1843350	1	7.77	1538210	20.0
Cyclotrisiloxane,...	4.42	2.2	ng/ul	169245	1	7.77	1538210	20.0
(DEL) Alkane: Cyc...	21.05	2.3	ng/ul	399280	5	21.34	3490710	20.0