LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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	24	rVB	2192962	2769543	50.32%	4.962%
2	4.410	238	242	249	rVB	199165	266195	4.84%	0.477%
3	6.869	655	660	665	rVB	120488	165463	3.01%	0.296%
4	6.934	665	671	680	rBV	407874	654965	11.90%	1.174%
5	7.104	694	700	713	rVB	324431	518390	9.42%	0.929%
6	7.298	726	733	740	rVB	398128	643244	11.69%	1.153%
7	7.763	805	812	820	rBV	804551	1266117	23.00%	2.269%
8	8.469	925	932	941	rBV	525888	865739	15.73%	1.551%
9	8.928	1003	1010	1024	rVB	475958	810599	14.73%	1.452%
10	9.292	1067	1072	1079	rVB	72258	99317	1.80%	0.178%
11	9.639	1125	1131	1140	rBV	425575	699707	12.71%	1.254%
12	10.175	1214	1222	1235	rBV	696224	1173242	21.32%	2.102%
13	10.551	1278	1286	1294	rBV	1191046	1981681	36.00%	3.551%
14	10.698	1303	1311	1329	rBV	585570	1072230	19.48%	1.921%
15	11.781	1490	1495	1501	rVB	54098	76512	1.39%	0.137%
16	12.092	1545	1548	1552	rVB3	6537	9342	0.17%	0.017%
17	12.145	1552	1557	1564	rVB4	12471	20066	0.36%	0.036%
18	13.816	1832	1841	1846	rBV	1887489	2638457	47.94%	4.727%
19	13.863	1846	1849	1858	rVB	501526	675114	12.27%	1.210%
20	14.098	1881	1889	1898	rBV	1952729	2762567	50.19%	4.950%
21	14.404	1934	1941	1949	rBV2	1911175	2971926	54.00%	5.325%
22	14.463	1949	1951	1957	rVB3	5947	8636	0.16%	0.015%
23	14.616	1969	1977	1995	rBV	542448	976801	17.75%	1.750%
24	14.827	2012	2013	2019	rVB5	10054	13033	0.24%	0.023%
25	15.192	2070	2075	2081	rBV4	6690	11577	0.21%	0.021%
26	15.245	2081	2084	2090	rVB4	5998	10595	0.19%	0.019%
27	15.351	2096	2102	2105	rBV	31022	46171	0.84%	0.083%
28	15.398	2105	2110	2117	rVV	2800350	3884282	70.57%	6.960%
29	15.445	2117	2118	2124	rVV4	8279	12417	0.23%	0.022%
30	15.527	2126	2132	2147	rVV	696567	964480	17.52%	1.728%
31	15.639	2147	2151	2156	rVB2	33209	46312	0.84%	0.083%
32	15.686	2156	2159	2166	rBV3	4454	6326	0.11%	0.011%
33	15.757	2166	2171	2174	rBV3	3836	6352	0.12%	0.011%
34	16.110	2226	2231	2237	rBV5	5267	11471	0.21%	0.021%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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	16.180	2239	2243	2247	rVB3	7005	9525	0.17%	0.017%
36	16.351	2269	2272	2275	rBV2	5651	7222	0.13%	0.013%
37	16.551	2302	2306	2311	rBV4	4412	6953	0.13%	0.012%
38	16.604	2311	2315	2322	rVB	26312	33886	0.62%	0.061%
39	16.686	2326	2329	2335	rBV5	6984	13290	0.24%	0.024%
40	16.810	2347	2350	2355	rVB2	7631	10852	0.20%	0.019%
41	16.939	2369	2372	2375	rVV3	10436	14573	0.26%	0.026%
42	16.974	2375	2378	2381	rVB3	7506	9452	0.17%	0.017%
43	17.151	2402	2408	2413	rBV2	2519310	3545538	64.42%	6.353%
44	17.192	2413	2415	2419	rVV	160110	204801	3.72%	0.367%
45	17.251	2419	2425	2435	rVB	3334848	4485473	81.49%	8.037%
46	17.533	2470	2473	2476	rBV5	9246	14069	0.26%	0.025%
47	17.639	2487	2491	2493	rBV4	5893	8648	0.16%	0.015%
48	17.668	2493	2496	2503	rVB3	24122	31310	0.57%	0.056%
49	18.039	2553	2559	2563	rBV2	216124	317888	5.78%	0.570%
50	18.151	2576	2578	2582	rVB5	6937	7202	0.13%	0.013%
51	18.221	2585	2590	2595	rBV4	26219	48050	0.87%	0.086%
52	18.386	2615	2618	2623	rVB5	11190	15664	0.28%	0.028%
53	18.533	2638	2643	2647	rBV2	20892	29411	0.53%	0.053%
54	18.574	2647	2650	2654	rVV3	31122	45462	0.83%	0.081%
55	18.615	2654	2657	2661	rVB4	21885	25837	0.47%	0.046%
56	18.768	2681	2683	2686	rBV4	9194	9991	0.18%	0.018%
57	18.904	2704	2706	2709	rBV3	8409	11141	0.20%	0.020%
58	18.945	2710	2713	2715	rBV4	11785	15174	0.28%	0.027%
59	19.086	2734	2737	2738	rBV3	13700	15105	0.27%	0.027%
60	19.180	2749	2753	2754	rBV	51024	60436	1.10%	0.108%
61	19.209	2754	2758	2767	rVB	355503	486620	8.84%	0.872%
62	19.321	2773	2777	2787	rBV2	95122	157039	2.85%	0.281%
63	19.427	2790	2795	2802	rVV3	31494	79917	1.45%	0.143%
64	19.545	2809	2815	2827	rBV	3728085	5504005	100.00%	9.862%
65	19.645	2830	2832	2836	rVB3	18602	23354	0.42%	0.042%
66	20.474	2970	2973	2976	rVB	51105	48690	0.88%	0.087%
67	21.045	3066	3070	3078	rVB2	302512	432169	7.85%	0.774%
68	21.339	3114	3120	3124	rBV	2421791	3235133	58.78%	5.797%
69	21.374	3124	3126	3131	rVB	182961	197498	3.59%	0.354%
70	21.480	3141	3144	3152	rBV3	101806	124982	2.27%	0.224%
71	21.921	3216	3219	3222	rBV	110335	130988	2.38%	0.235%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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	22.392	3296	3299	3303	rVB	156944	189693	3.45%	0.340%
73	22.903	3383	3386	3389	rBV	154225	221309	4.02%	0.397%
74	23.468	3475	3482	3495	rVB	2508254	5004161	90.92%	8.966%
75	23.609	3500	3506	3514	rVV	1510828	2839981	51.60%	5.089%

Sum of corrected areas: 55811361

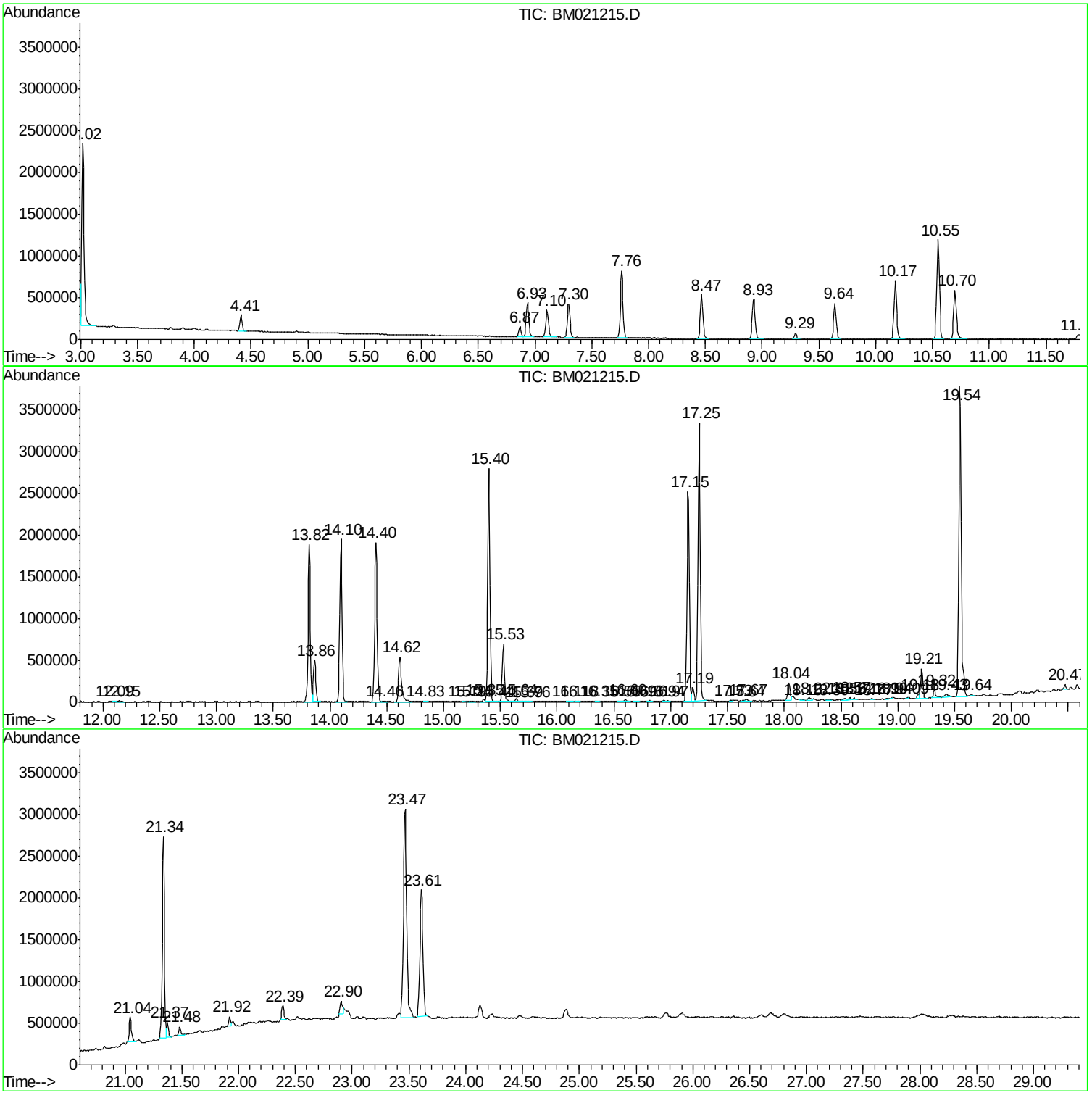
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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

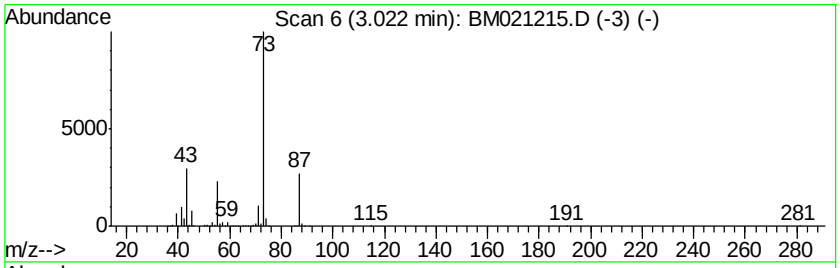
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

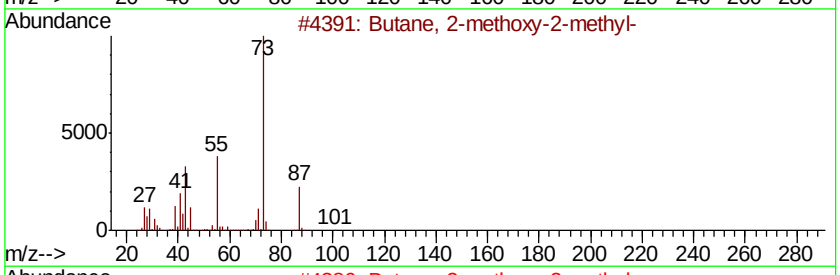
****

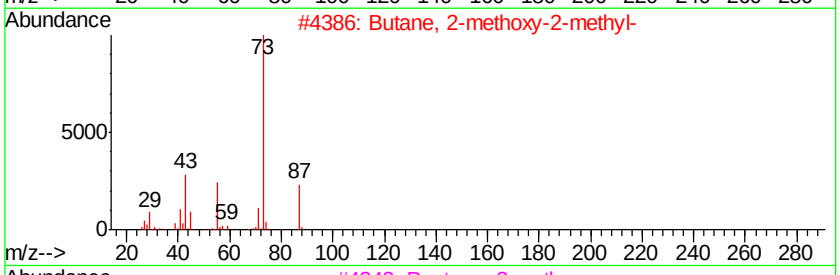
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

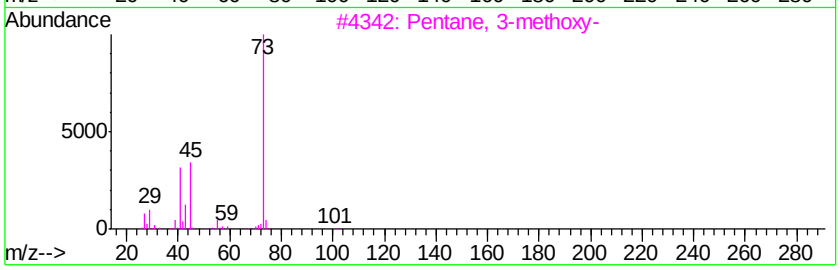
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	43.75 ng/ul	2769540	1,4-Dichlorobenzene-d4	7.76

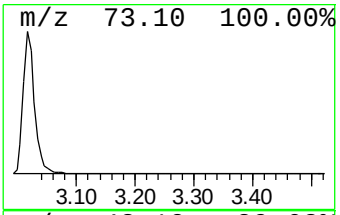
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

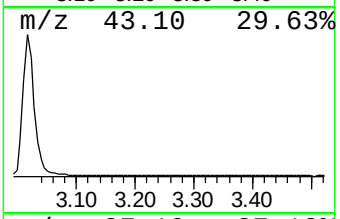


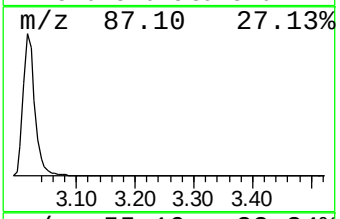


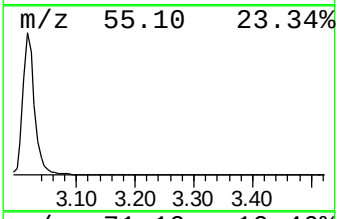


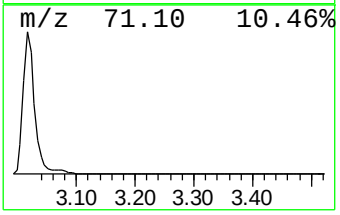












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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

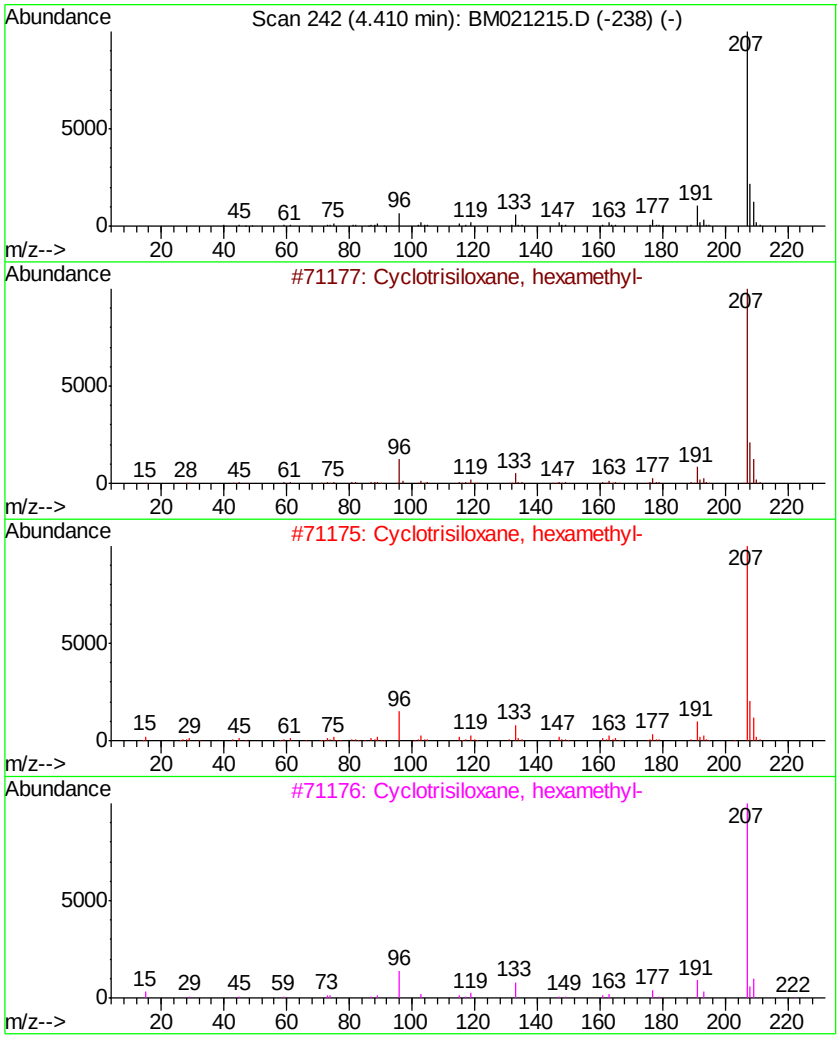
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

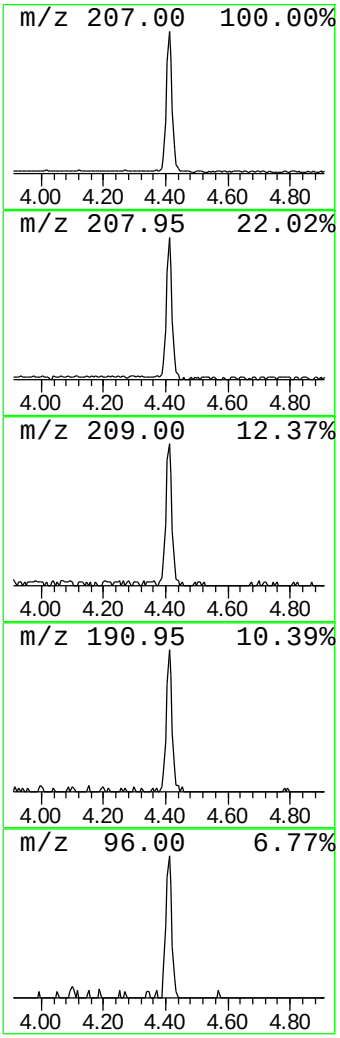
****

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	4.20 ng/ul	266195	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	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	39
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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

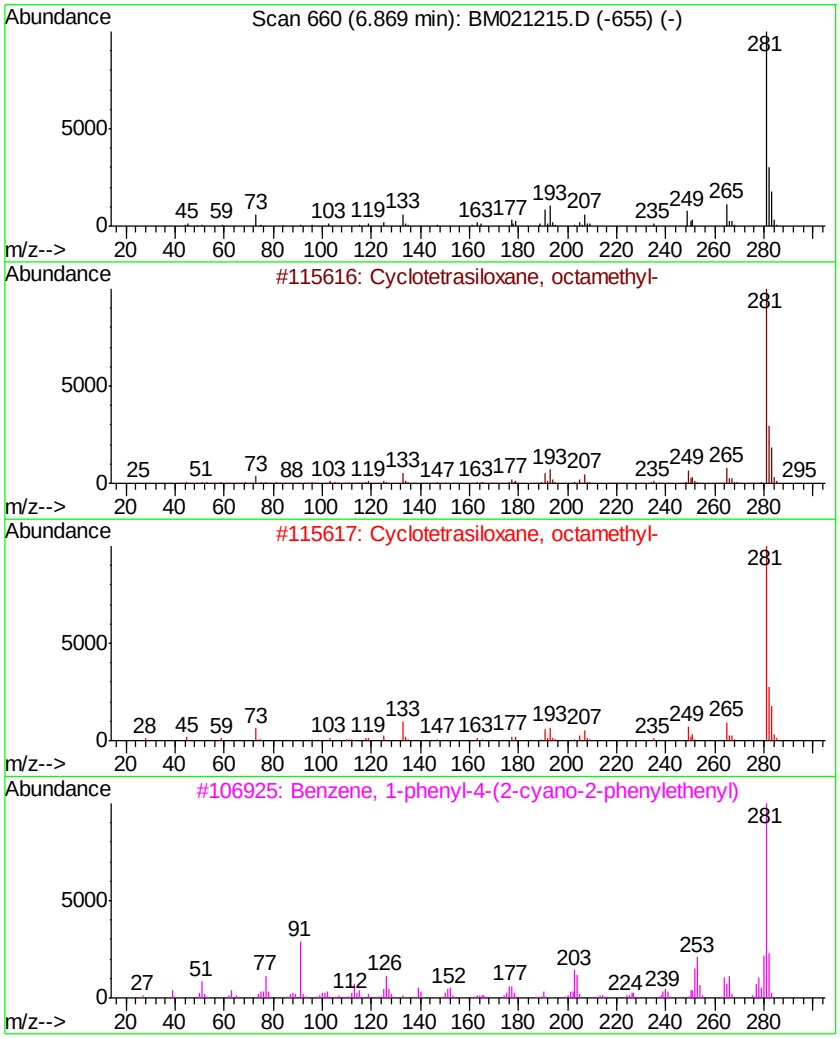
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

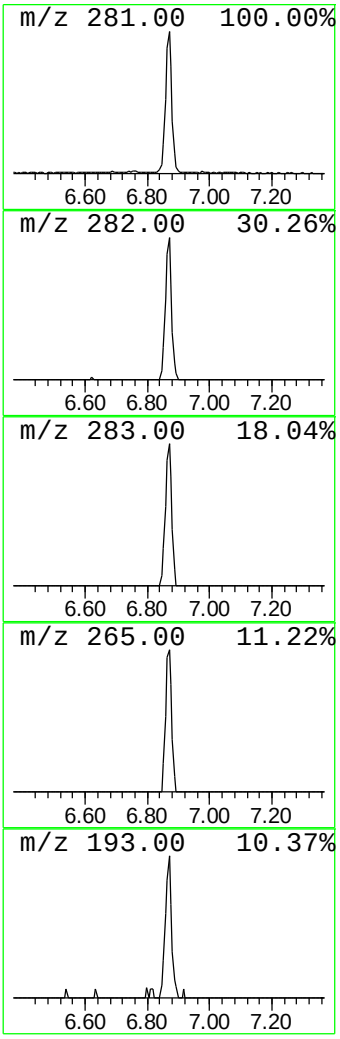
****

Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	2.61 ng/ul	165463	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	91
3	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	59
4	trans-4-Dimethylamino-4'-methoxy...	281	C18H19NO2	052119-37-6	50
5	5H-Naphtho[2,3-c]carbazole, 5-me...	281	C21H15N	100025-44-3	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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

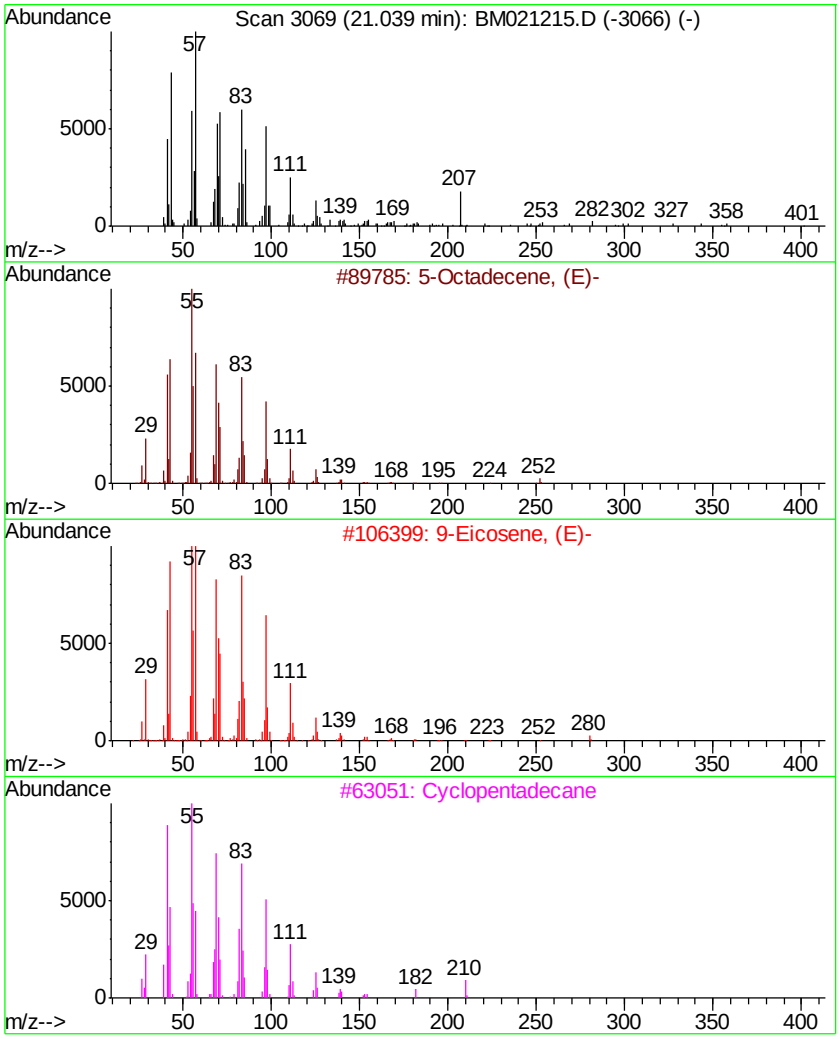
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

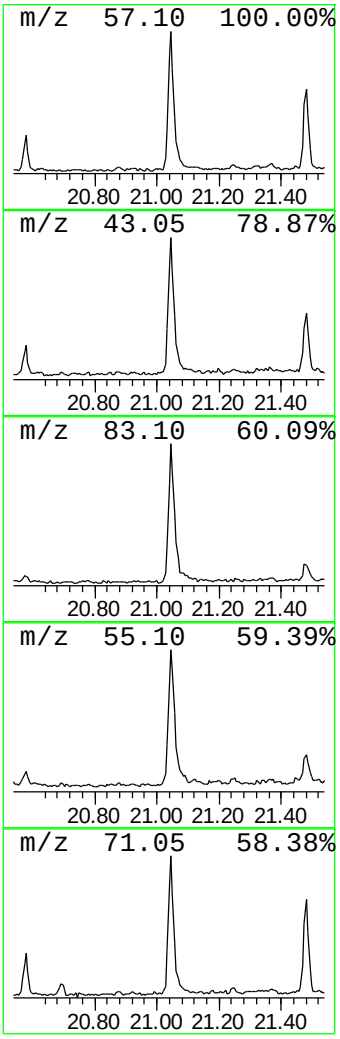
****

Peak Number 4 (DEL) Alkane: Cyclic21.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	2.67 ng/ul	432169	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	Cyclotetradecane	196	C14H28	000295-17-0	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062719\
Data File : BM021215.D
Acq On : 27 Jun 2019 14:07
Operator : HP/JU
Sample : K3502-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AD1

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	43.8	ng/ul	2769540	1	7.76	1266120	20.0
Cyclotrisiloxane,...	4.41	4.2	ng/ul	266195	1	7.76	1266120	20.0
Cyclotetrasiloxan...	6.87	2.6	ng/ul	165463	1	7.76	1266120	20.0
(DEL) Alkane: Cyc...	21.04	2.7	ng/ul	432169	5	21.34	3235130	20.0