LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
Data File : BM005168.D
Acq On : 30 Apr 2016 10:51
Operator : UM/SJ
Sample : H2729-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.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	2.752	7	11	23	rVB	35783	48449	5.66%	0.503%
2	2.881	29	33	42	rVB	10021	12574	1.47%	0.131%
3	2.993	48	52	55	rBV	27213	32800	3.83%	0.341%
4	3.028	55	58	63	rVV	63970	82434	9.63%	0.856%
5	3.075	63	66	74	rVB2	15922	22828	2.67%	0.237%
6	3.799	186	189	194	rVB	8197	9600	1.12%	0.100%
7	4.228	257	262	267	rBV	27642	34700	4.05%	0.360%
8	4.634	327	331	336	rBV	16413	20931	2.44%	0.217%
9	4.916	374	379	384	rBB3	6797	11228	1.31%	0.117%
10	6.951	720	725	740	rBB	134902	216258	25.26%	2.245%
11	7.122	748	754	763	rBB	108664	167119	19.52%	1.735%
12	7.322	782	788	798	rBB	134899	217933	25.46%	2.263%
13	7.787	860	867	875	rBB	156526	248256	29.00%	2.577%
14	8.487	981	986	998	rVB	165440	261826	30.58%	2.718%
15	8.940	1057	1063	1075	rBB	128259	210053	24.54%	2.181%
16	9.663	1180	1186	1193	rBB	103286	165176	19.29%	1.715%
17	10.198	1271	1277	1290	rBB	169928	290033	33.88%	3.011%
18	10.575	1334	1341	1350	rBB	238094	398987	46.61%	4.142%
19	10.710	1359	1364	1379	rBV	96106	167516	19.57%	1.739%
20	13.833	1889	1895	1899	rBV	321087	441942	51.62%	4.588%
21	13.880	1899	1903	1909	rVB	78686	104337	12.19%	1.083%
22	14.116	1937	1943	1955	rBB	371335	544830	63.64%	5.657%
23	14.316	1974	1977	1981	rBB	8031	9601	1.12%	0.100%
24	14.427	1990	1996	2003	rBB2	358343	548174	64.03%	5.691%
25	14.627	2026	2030	2050	rBV	91331	152955	17.87%	1.588%
26	15.269	2135	2139	2144	rVB	16479	21136	2.47%	0.219%
27	15.421	2159	2165	2172	rBB	491205	695360	81.23%	7.219%
28	15.545	2181	2186	2193	rBB	102799	139023	16.24%	1.443%
29	15.657	2202	2205	2208	rBV	6621	9786	1.14%	0.102%
30	16.133	2280	2286	2294	rBV	19116	32399	3.78%	0.336%
31	16.927	2417	2421	2424	rBB	8136	9963	1.16%	0.103%
32	17.174	2457	2463	2473	rBV	463815	659599	77.05%	6.848%
33	17.268	2473	2479	2491	rBV2	503868	733386	85.67%	7.614%
34	18.057	2610	2613	2624	rBV	16668	22673	2.65%	0.235%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : BD3D3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Title : SVOA CALIBRATION

35	19.568	2864	2870	2881	rBV	627327	856078	100.00%	8.888%
36	21.062	3120	3124	3141	rBV	106278	197012	23.01%	2.045%
37	21.362	3169	3175	3181	rBV	558305	704790	82.33%	7.317%
38	23.497	3531	3538	3550	rVB2	309716	589454	68.86%	6.120%
39	23.639	3555	3562	3571	rVB2	277211	540637	63.15%	5.613%

Sum of corrected areas: 9631836

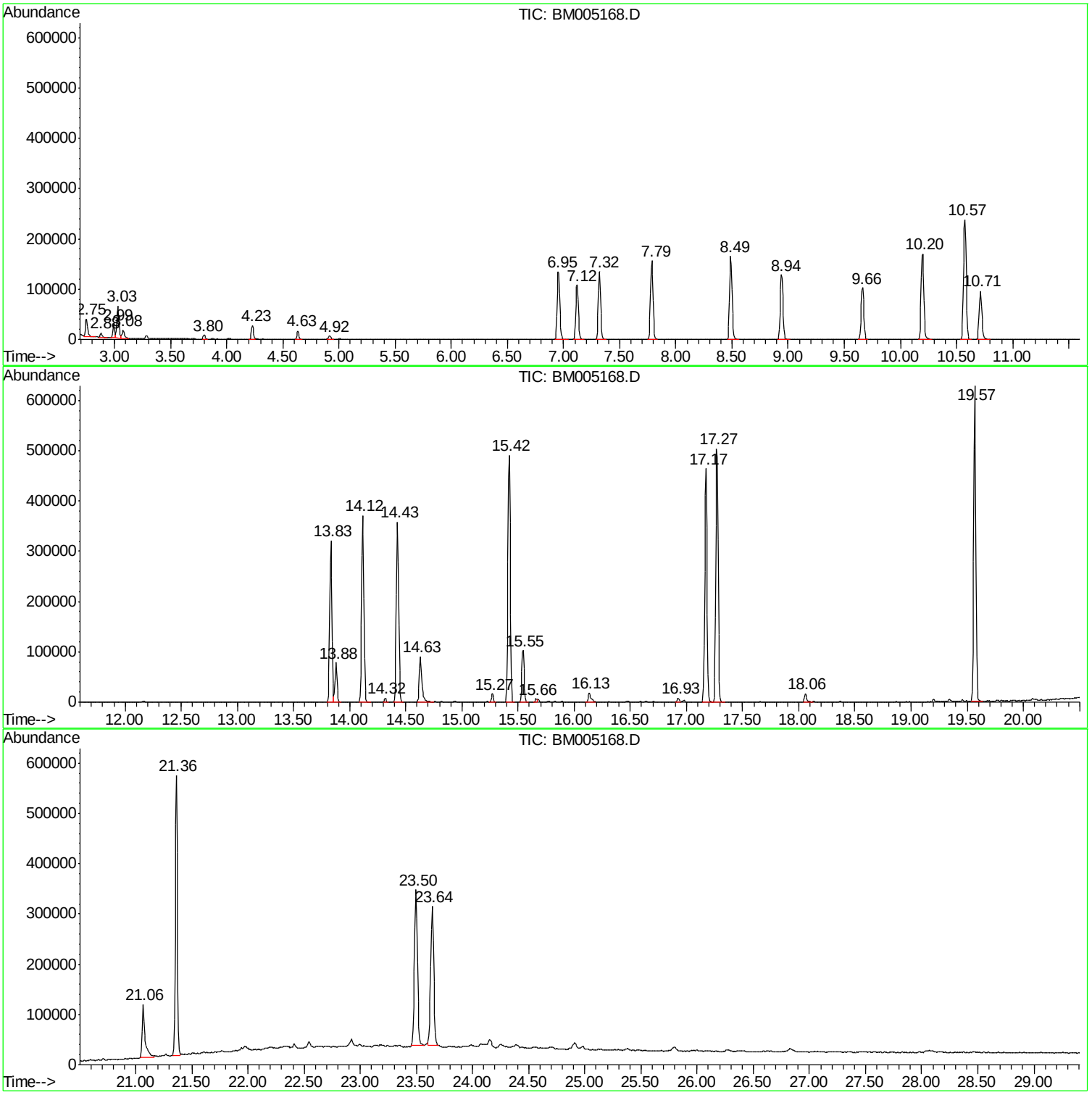
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043016\
Data File : BM005168.D
Acq On : 30 Apr 2016 10:51
Operator : UM/SJ
Sample : H2729-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Data File : BM005168.D
Acq On : 30 Apr 2016 10:51
Operator : UM/SJ
Sample : H2729-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

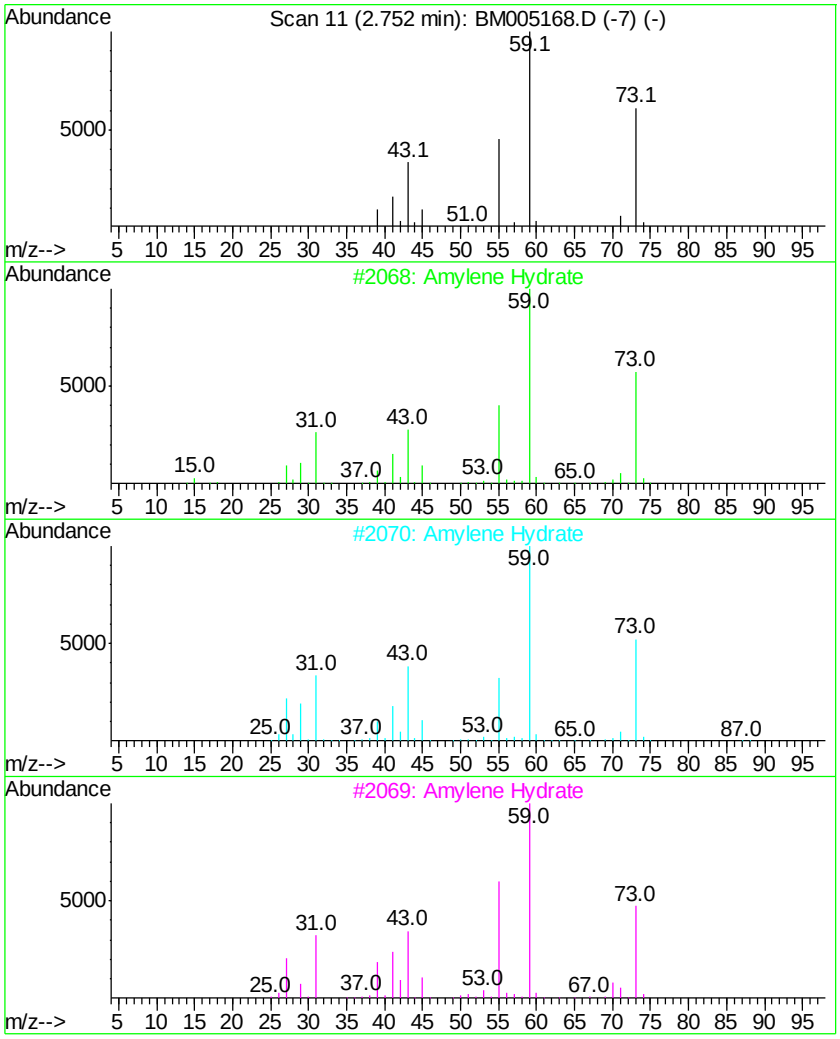
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

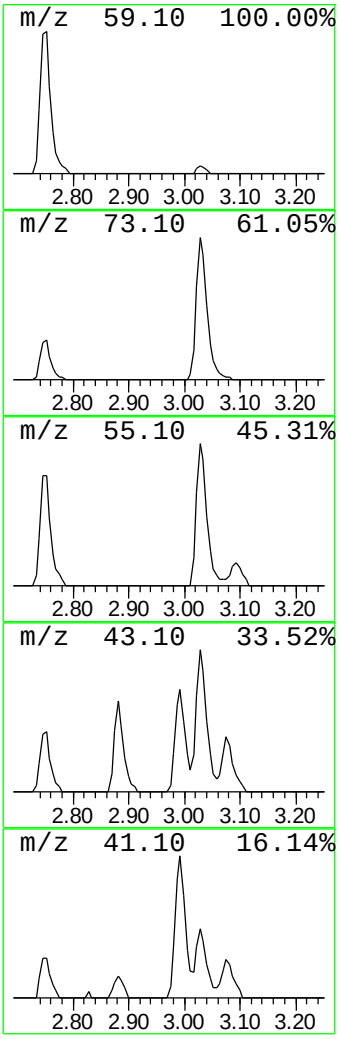
****

Peak Number 1 Amylene Hydrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	3.90 ng/ul	48449	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene Hydrate	88	C5H12O	000075-85-4	83
2	Amylene Hydrate	88	C5H12O	000075-85-4	83
3	Amylene Hydrate	88	C5H12O	000075-85-4	74
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	40
5	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40





Library Search Compound Report

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Sample : H2729-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

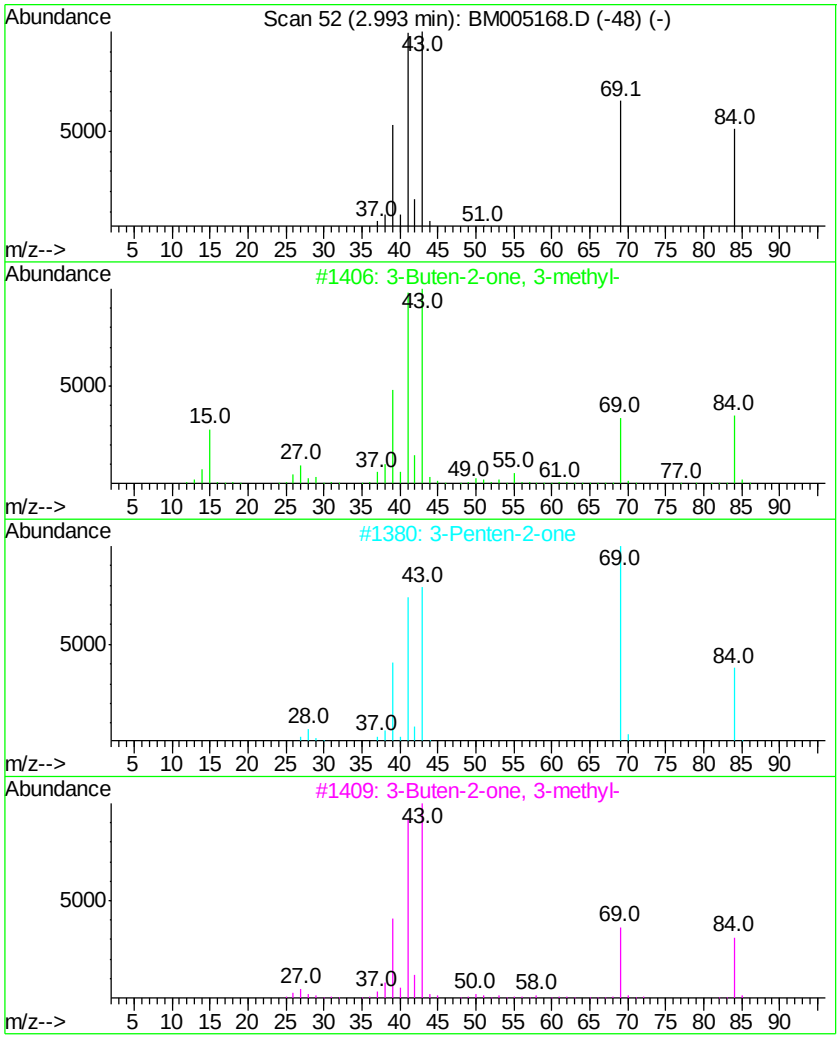
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

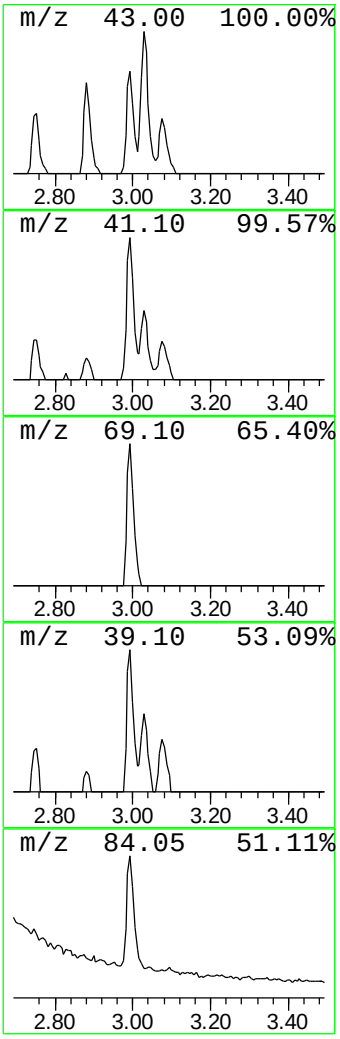
****

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	2.64 ng/ul	32800	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	90
2	3-Penten-2-one	84	C5H8O	000625-33-2	83
3	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	83
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	53
5	3-Penten-2-one	84	C5H8O	000625-33-2	50





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

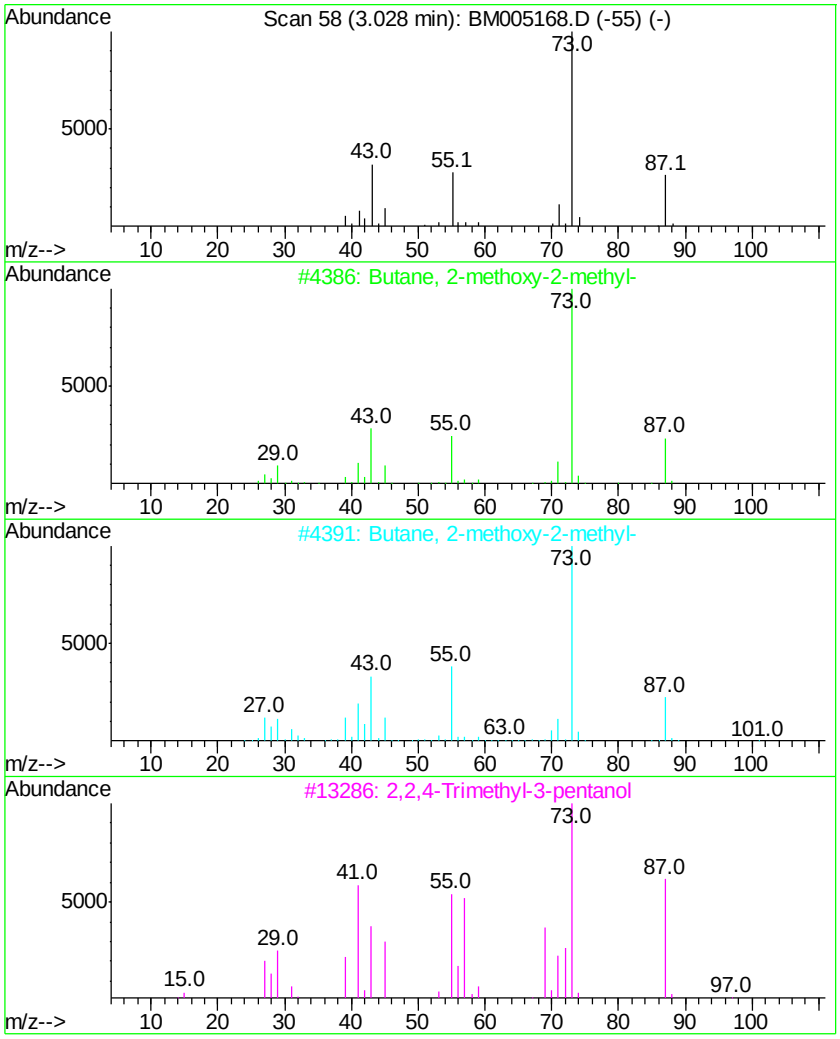
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

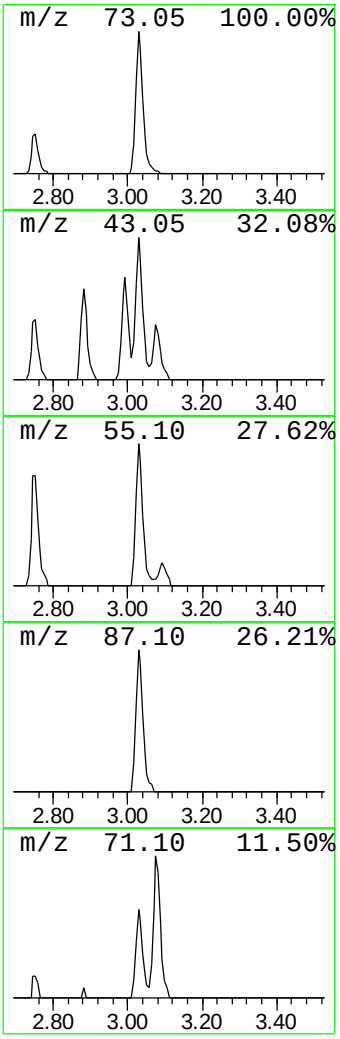
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	6.64 ng/ul	82434	1,4-Dichlorobenzene-d4	7.79

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

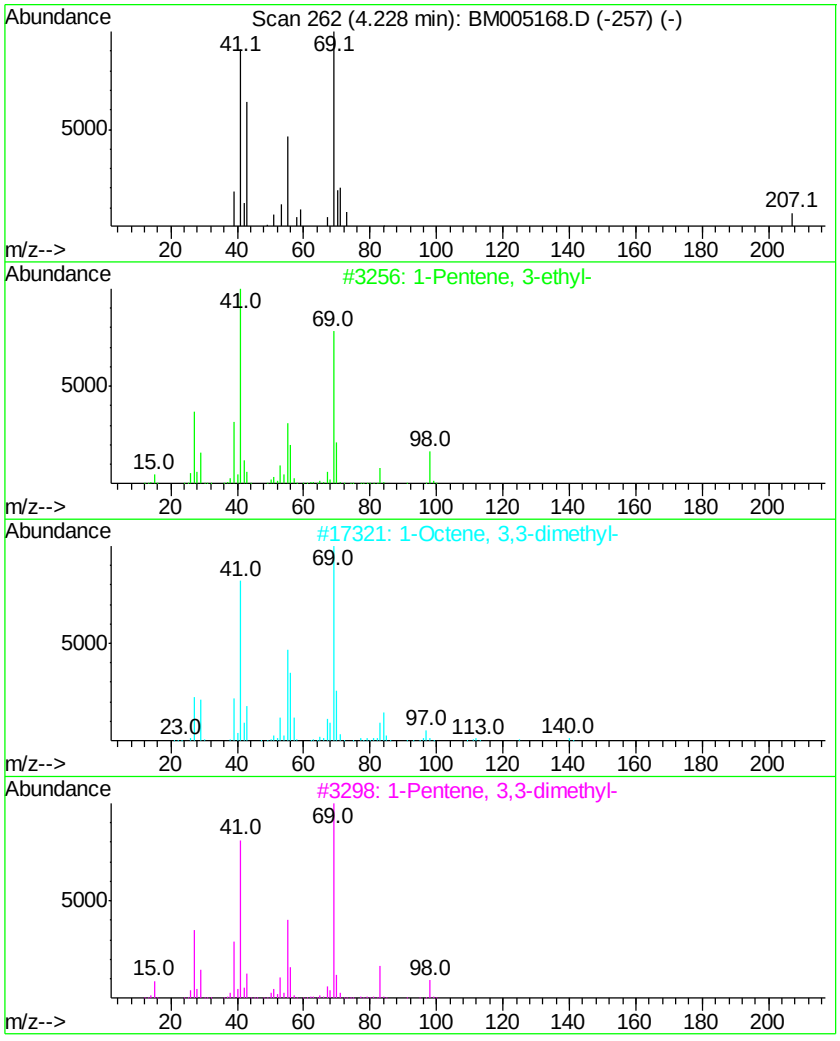
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

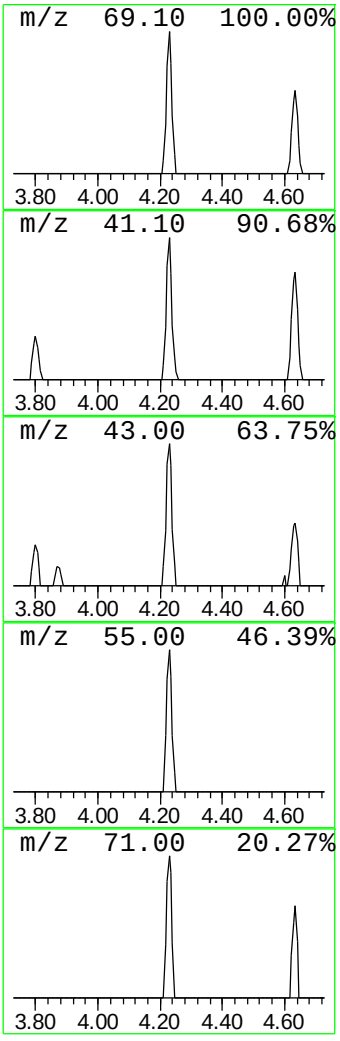
****

Peak Number 4 (DEL) Alkane: Cyclic4.23 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.23	2.80 ng/ul	34700	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	59
2	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	45
3	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	45
4	1-Pentyn-3-ol, 3,4-dimethyl-	112	C7H12O	001482-15-1	38
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	38





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3D3

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

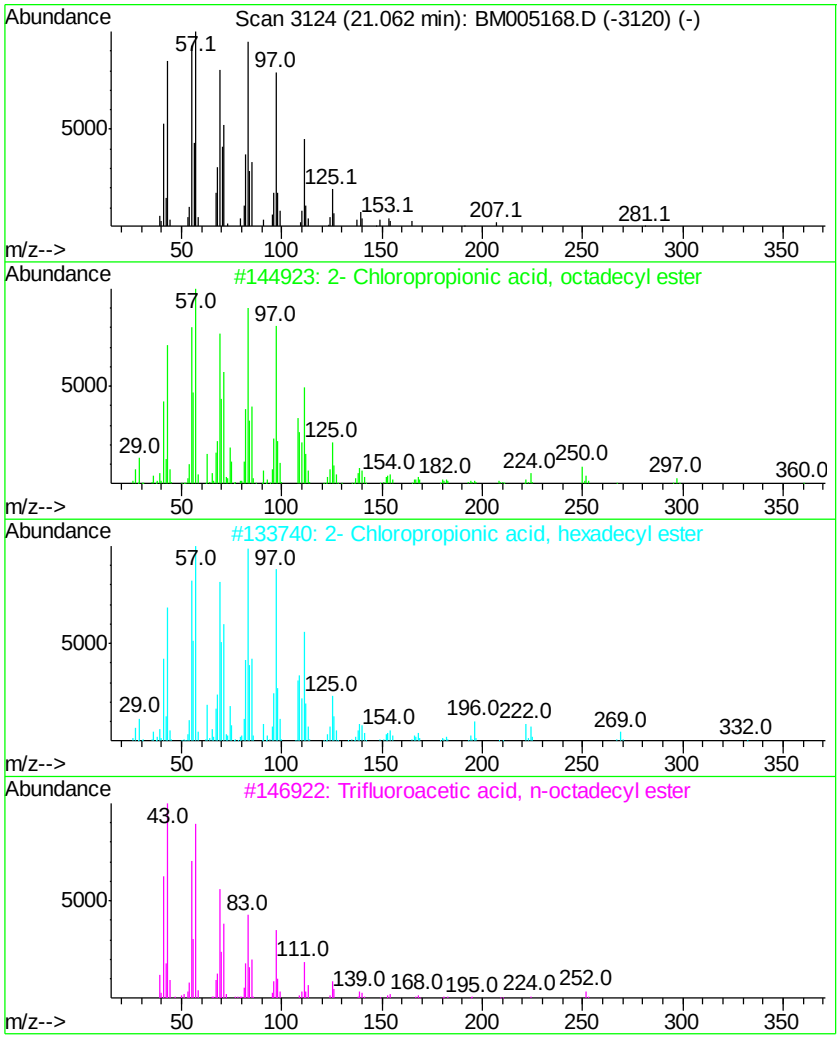
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

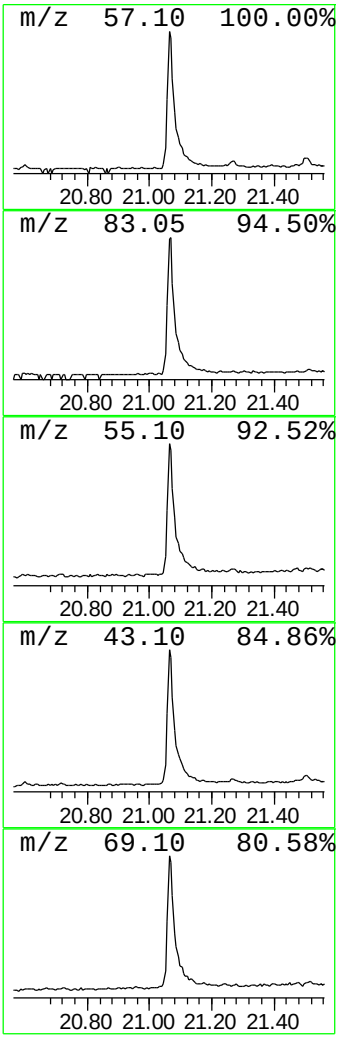
****

Peak Number 5 2- Chloropropionic acid, oc... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	5.59 ng/ul	197012	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Tentatively Identified Compound (LSC) summary

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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
Amylene Hydrate	2.75	3.9	ng/ul	48449	1	7.79	248256	20.0
3-Buten-2-one, 3-...	2.99	2.6	ng/ul	32800	1	7.79	248256	20.0
Butane, 2-methoxy...	3.03	6.6	ng/ul	82434	1	7.79	248256	20.0
(DEL) Alkane: Cyc...	4.23	2.8	ng/ul	34700	1	7.79	248256	20.0
2- Chloropropioni...	21.06	5.6	ng/ul	197012	5	21.36	704790	20.0