LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
Data File : BM005546.D
Acq On : 21 May 2016 07:59
Operator : UM/SJ
Sample : H3058-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3J8

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-BM052016.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	2.652	8	11	17	rVB	31087	47765	1.27%	0.144%
2	6.981	739	747	753	rVB2	141032	241130	6.39%	0.729%
3	7.157	770	777	785	rBV	375571	582464	15.43%	1.762%
4	7.251	787	793	799	rVV	52326	81127	2.15%	0.245%
5	7.351	803	810	819	rVB	419687	686683	18.19%	2.077%
6	7.822	883	890	897	rVB	469298	746199	19.77%	2.257%
7	8.516	999	1008	1019	rBV	338892	563935	14.94%	1.706%
8	8.975	1079	1086	1094	rBV	455790	732866	19.42%	2.217%
9	9.692	1201	1208	1217	rBV	360231	603129	15.98%	1.824%
10	10.228	1291	1299	1310	rVB	540081	906767	24.02%	2.743%
11	10.610	1357	1364	1375	rBV	621061	1040529	27.57%	3.148%
12	13.863	1911	1917	1925	rBV	1061610	1491653	39.52%	4.512%
13	14.145	1958	1965	1973	rBV	1180463	1738079	46.05%	5.258%
14	14.451	2010	2017	2027	rVB2	887249	1364099	36.14%	4.126%
15	14.639	2044	2049	2062	rBV2	136626	216144	5.73%	0.654%
16	15.445	2179	2186	2199	rBV	1635732	2367096	62.71%	7.161%
17	15.557	2199	2205	2215	rBV	520061	700448	18.56%	2.119%
18	17.192	2476	2483	2490	rVB	1168308	1676686	44.42%	5.072%
19	17.292	2493	2500	2512	rVV	1936790	2822202	74.77%	8.537%
20	19.580	2882	2889	2897	rBV	2518781	3453632	91.50%	10.447%
21	21.362	3187	3192	3201	rBV	1764108	2334972	61.86%	7.063%
22	22.515	3384	3388	3393	rVB	71896	100046	2.65%	0.303%
23	23.156	3493	3497	3505	rVB	140079	240520	6.37%	0.728%
24	23.497	3547	3555	3568	rBV2	1885496	3774619	100.00%	11.418%
25	23.644	3572	3580	3592	rVB	1216907	2384276	63.17%	7.212%
26	23.897	3617	3623	3631	rVB2	198216	404879	10.73%	1.225%
27	24.762	3764	3770	3779	rVB2	213520	525609	13.92%	1.590%
28	25.809	3941	3948	3964	rVB3	198885	648684	17.19%	1.962%
29	27.079	4157	4164	4180	rVB3	164092	581444	15.40%	1.759%

Sum of corrected areas: 33057682

LSC Report - Integrated Chromatogram

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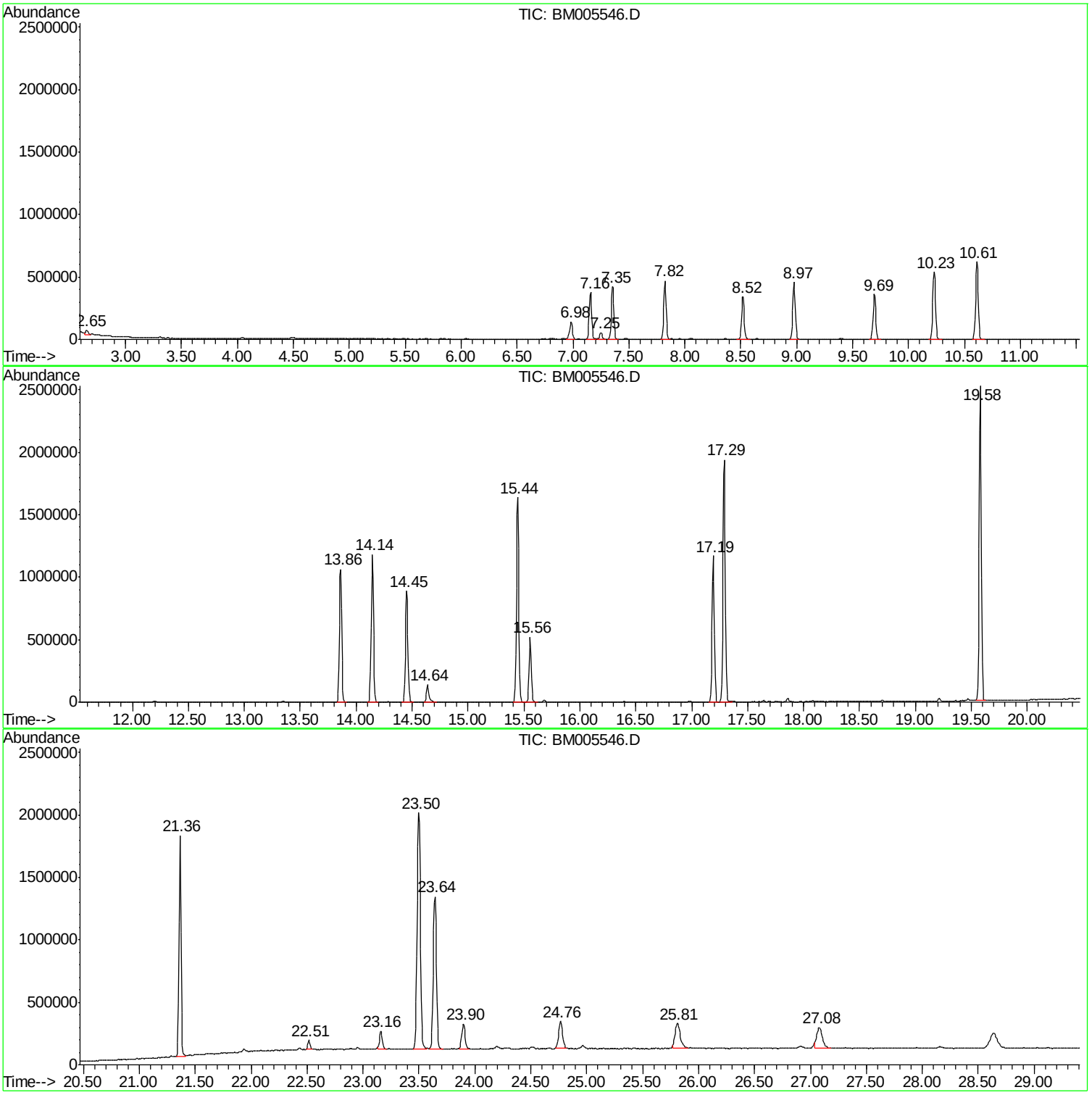
Instrument : BNA_M
ClientSampleId : BD3J8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
Data File : BM005546.D
Acq On : 21 May 2016 07:59
Operator : UM/SJ
Sample : H3058-17
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3J8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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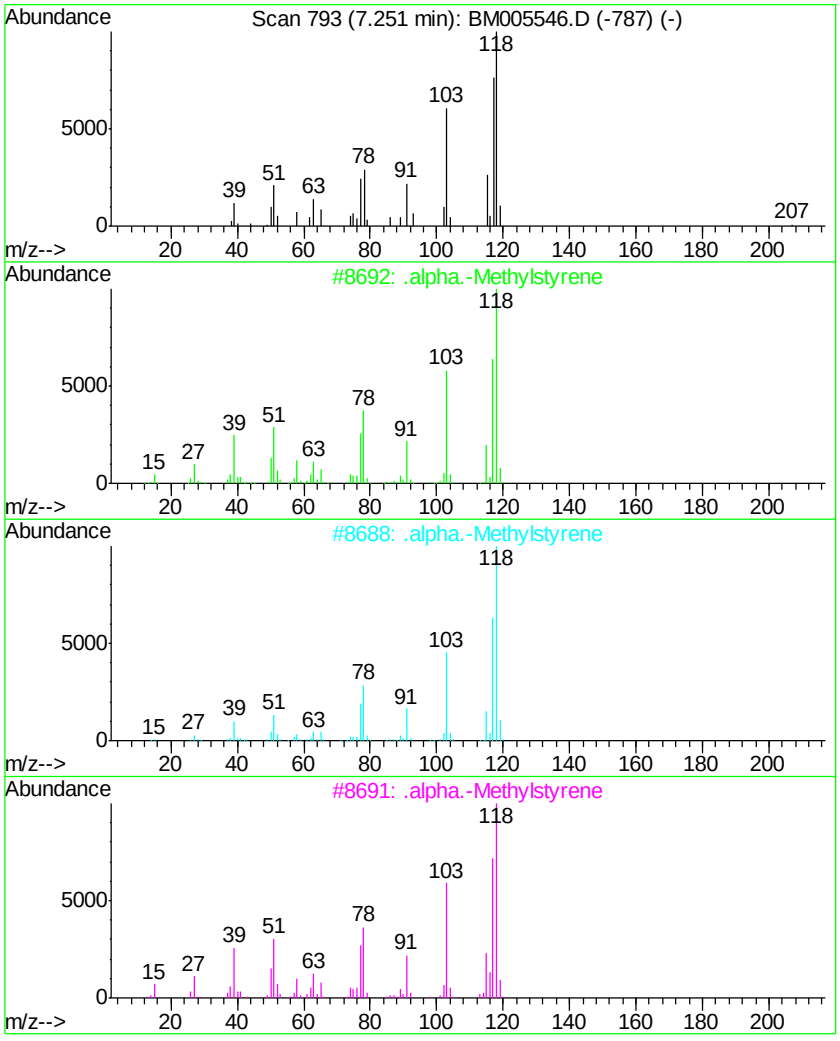
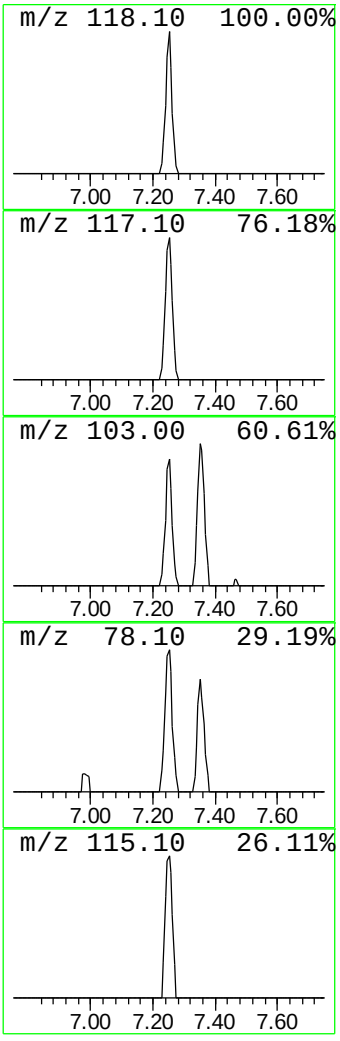
Peak Number 1 .alpha.-Methylstyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	2.17 ng/ul	81127	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Methylstyrene	118	C9H10	000098-83-9	94
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	90
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	89
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	70
5	(3H)Indazole, 3,3-dimethyl-	146	C9H10N2	059341-22-9	64





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Misc :
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Instrument : BNA_M
ClientSampleId : BD3J8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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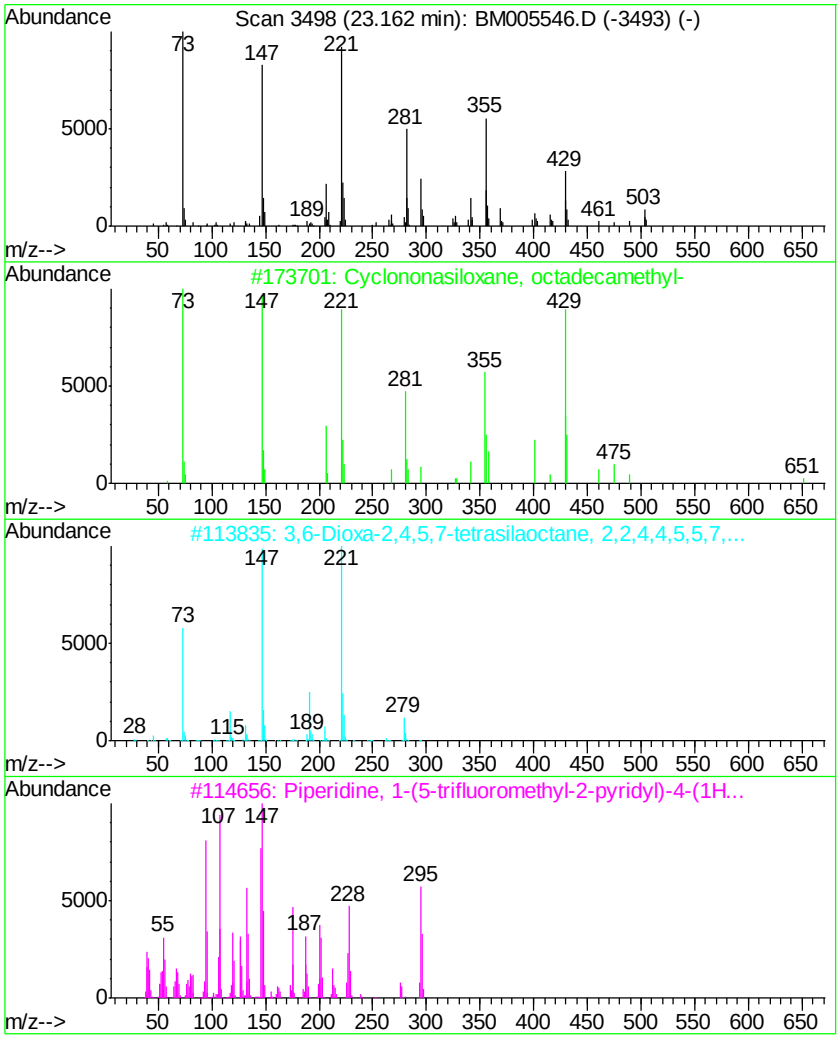
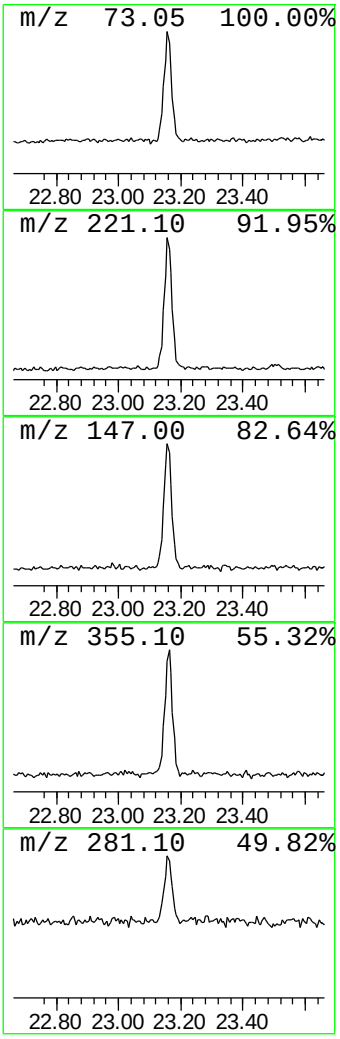
Peak Number 2 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.16	2.02 ng/ul	240520	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	58
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	35
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	22
5	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	22





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD3J8

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

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

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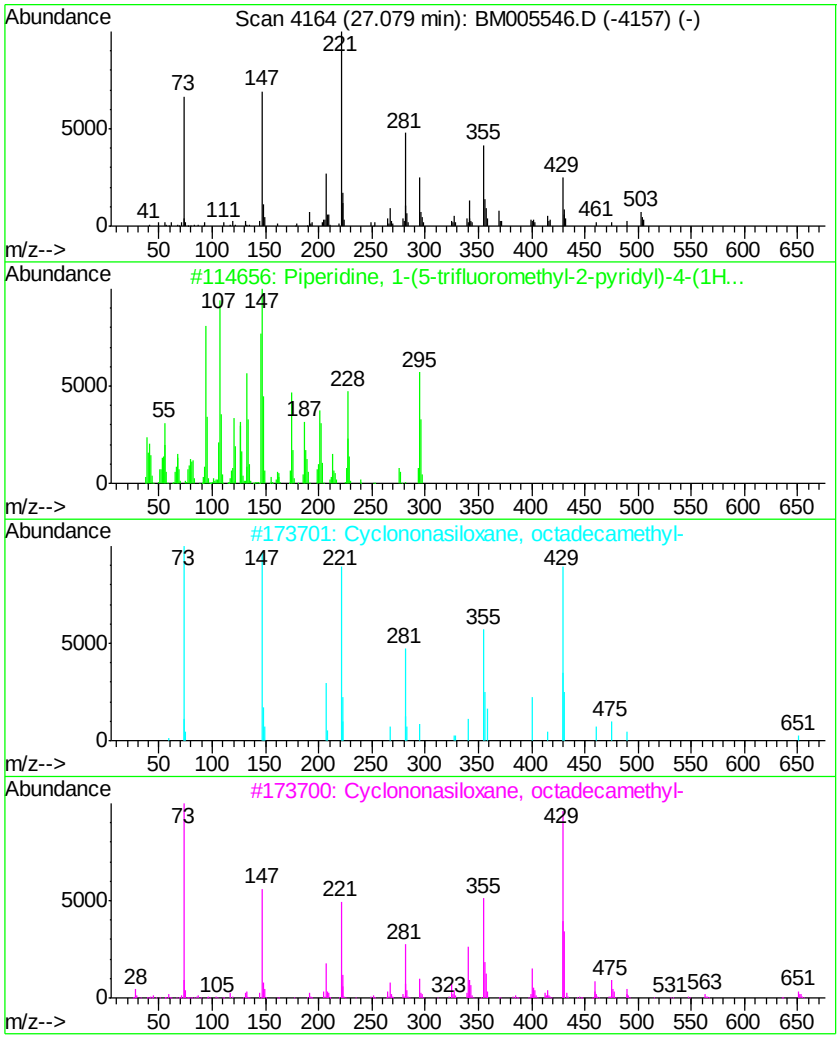
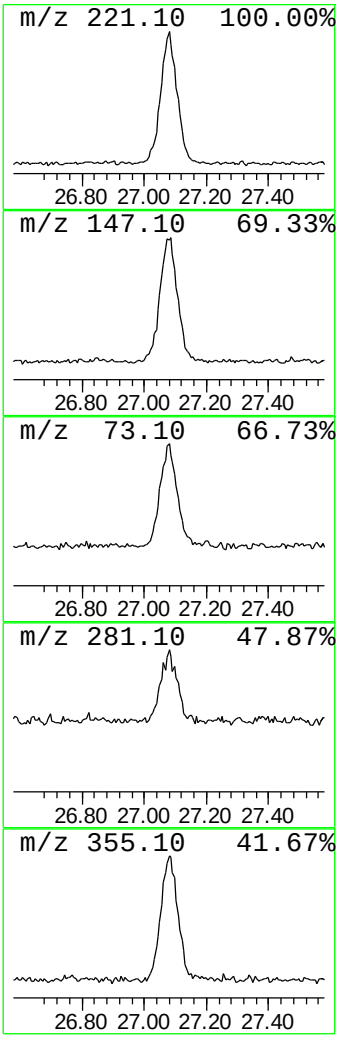
Peak Number 6 Piperidine, 1-(5-trifluorom... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.08	4.88 ng/ul	581444	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	53
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	46
3	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	40
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	25
5	2-Amino-2-oxo-acetic acid, N-[3,...	221	C12H15NO3	024451-17-0	25





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.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
.alpha.-Methylsty...	7.25	2.2	ng/ul	81127	1	7.82	746199	20.0
Cyclononasiloxane...	23.16	2.0	ng/ul	240520	6	23.64	2384280	20.0
Piperidine, 1-(5-...	27.08	4.9	ng/ul	581444	6	23.64	2384280	20.0