LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091827.D
Acq On : 20 Dec 2016 18:32
Operator : UM/SJ
Sample : H6184-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_F\METHODS\8270-BF121716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.933	246	249	258	rBV	1346274	1807807	33.76%	4.248%
2	5.367	284	287	290	rBV	4261209	4184439	78.13%	9.832%
3	6.407	375	378	381	rBV	3958226	4580915	85.54%	10.763%
4	6.533	386	389	391	rBV	4786465	4713860	88.02%	11.076%
5	6.762	406	409	411	rBV	1115220	1086800	20.29%	2.554%
6	6.922	420	423	425	rBV	2705082	3732628	69.70%	8.770%
7	7.322	455	458	461	rBV	2449521	2468822	46.10%	5.801%
8	8.042	519	521	524	rBV	1381247	1363593	25.46%	3.204%
9	9.048	607	609	613	rBV	103550	112176	2.09%	0.264%
10	9.128	613	616	618	rBV	4423358	5355407	100.00%	12.583%
11	9.516	648	650	653	rBV	306625	283518	5.29%	0.666%
12	9.802	672	675	677	rBV	1024967	1416124	26.44%	3.327%
13	10.236	711	713	715	rVB	111777	88791	1.66%	0.209%
14	10.453	729	732	735	rBV	35321	56758	1.06%	0.133%
15	10.591	741	744	746	rBV2	1538703	2251702	42.05%	5.291%
16	10.705	752	754	759	rVB	123706	158486	2.96%	0.372%
17	11.151	791	793	795	rBV	64232	76615	1.43%	0.180%
18	11.276	802	804	807	rBV	1520036	1343753	25.09%	3.157%
19	12.865	940	943	946	rBV	4481929	4252182	79.40%	9.991%
20	13.345	980	985	988	rBV7	22446	87612	1.64%	0.206%
21	13.768	1020	1022	1026	rBV	172017	217908	4.07%	0.512%
22	13.905	1032	1034	1037	rBV	902640	1253263	23.40%	2.945%
23	14.019	1041	1044	1046	rBV	44181	54731	1.02%	0.129%
24	15.174	1142	1145	1149	rBV	50525	84218	1.57%	0.198%
25	15.311	1154	1157	1160	rBV	790594	1051613	19.64%	2.471%
26	15.620	1182	1184	1190	rBV	70847	150600	2.81%	0.354%
27	16.157	1228	1231	1234	rBV	76290	153424	2.86%	0.360%
28	16.808	1285	1288	1292	rVB	67085	171974	3.21%	0.404%

Sum of corrected areas: 42559719

LSC Report - Integrated Chromatogram

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Data File : BF091827.D
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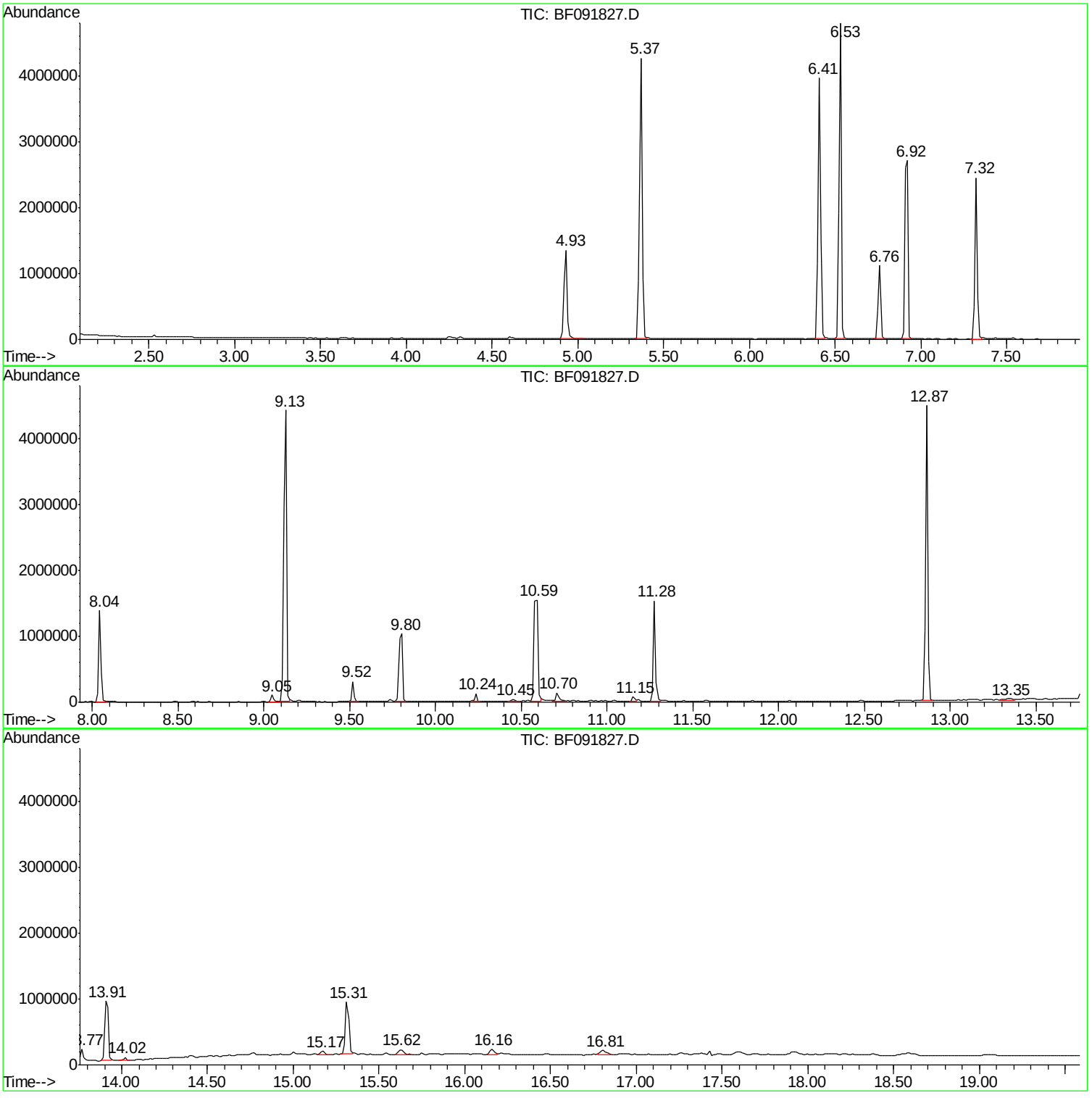
Operator : UM/SJ
Sample : H6184-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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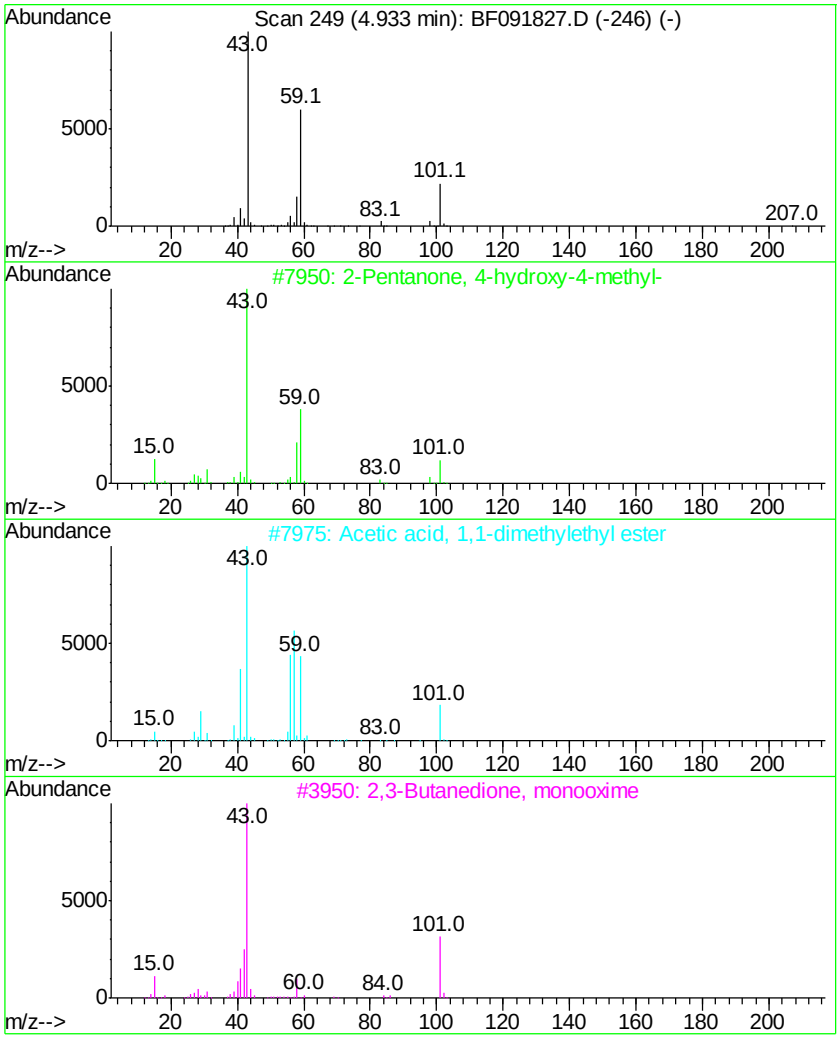
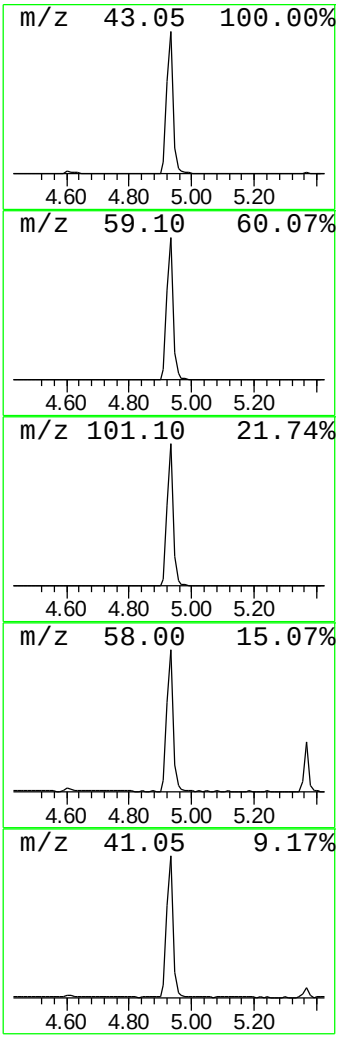
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	33.27 ng	1807810	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H6184-01
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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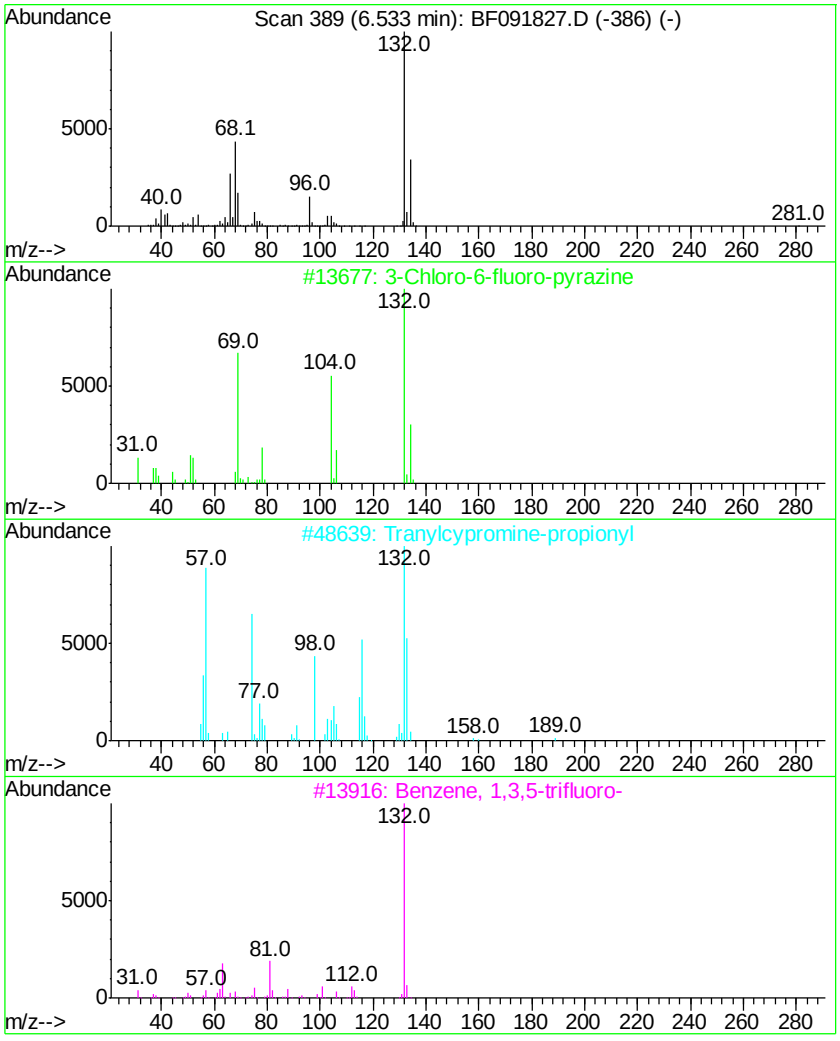
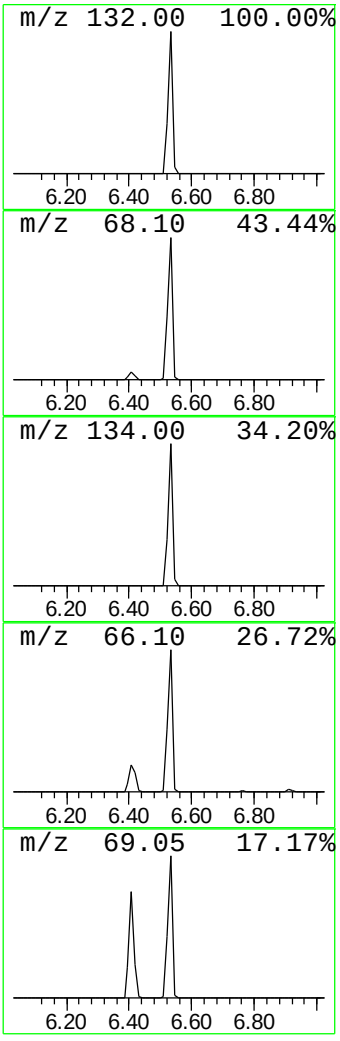
Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	86.75 ng	4713860	1,4-Dichlorobenzene-d4	6.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
Data File : BF091827.D
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Operator : UM/SJ
Sample : H6184-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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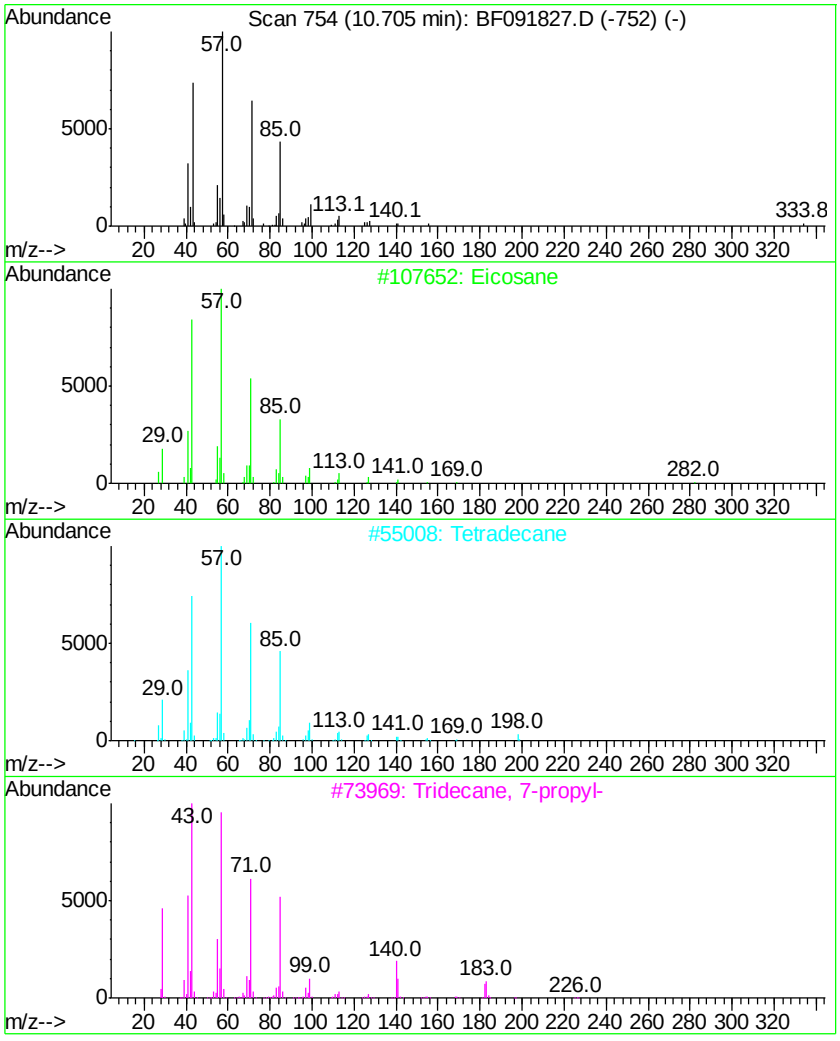
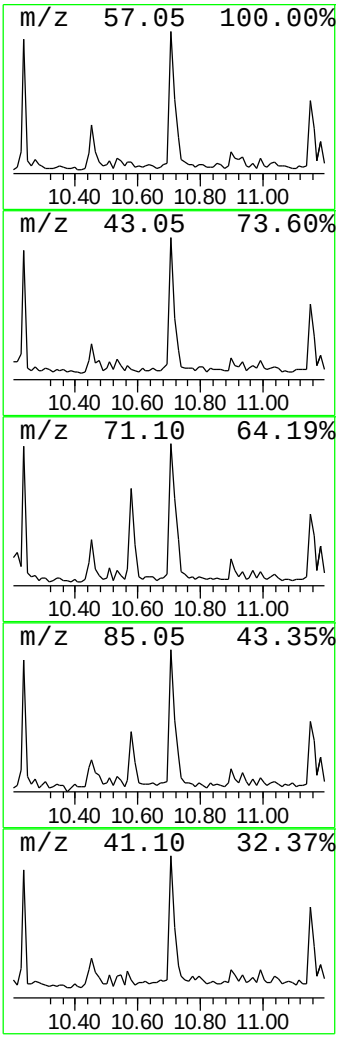
Peak Number 4 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	2.36 ng	158486	Phenanthrene-d10	11.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	87
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Nonadecane	268	C19H40	000629-92-5	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Acq On : 20 Dec 2016 18:32
Operator : UM/SJ
Sample : H6184-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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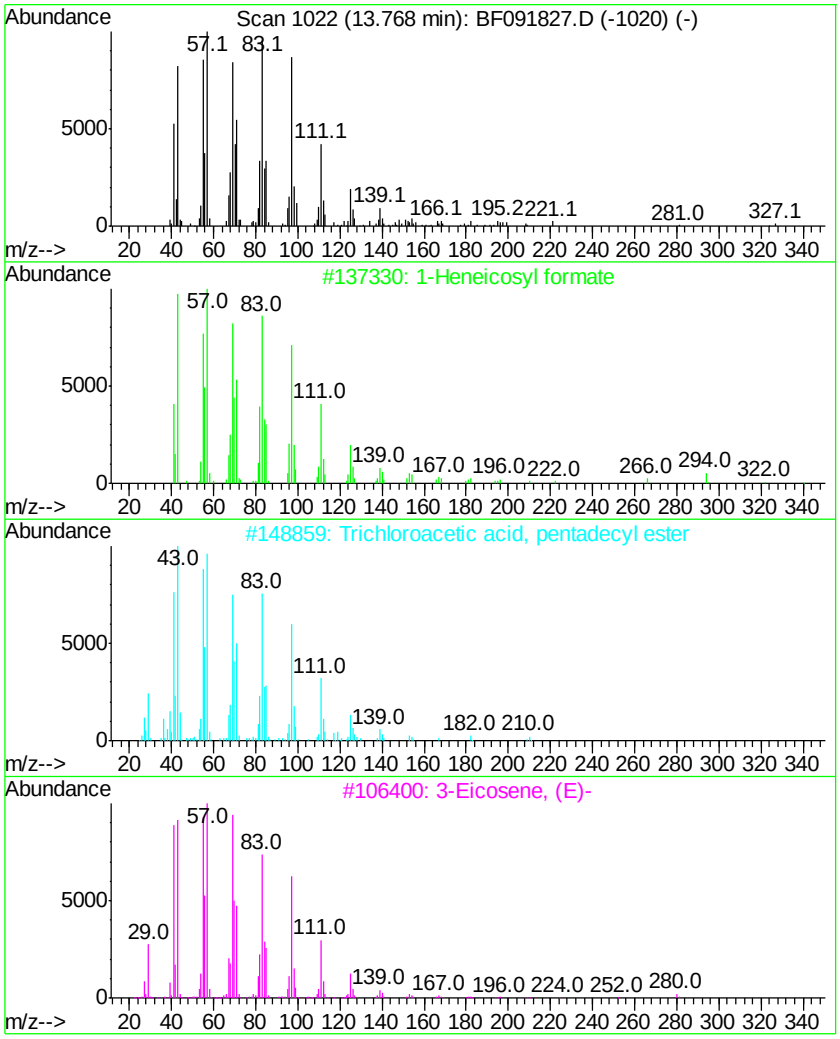
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

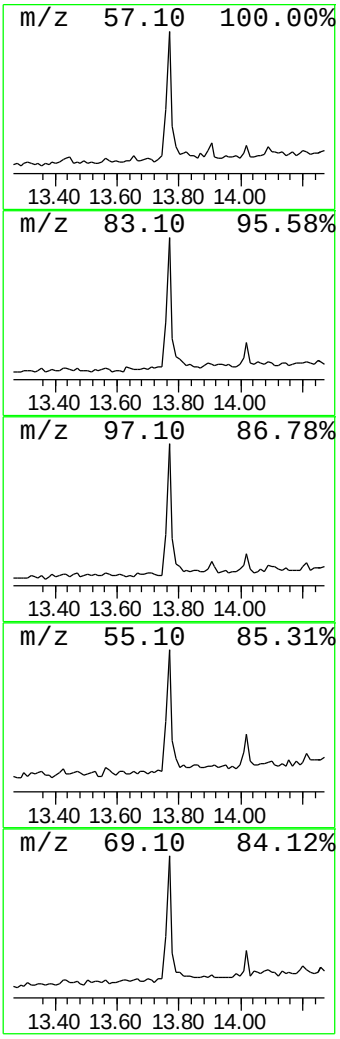
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	3.48 ng	217908	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF122016\
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Operator : UM/SJ
Sample : H6184-01
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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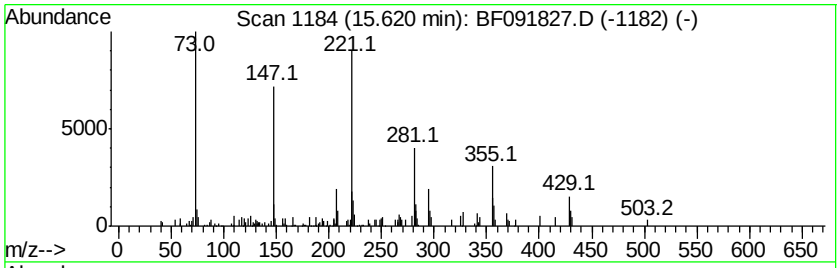
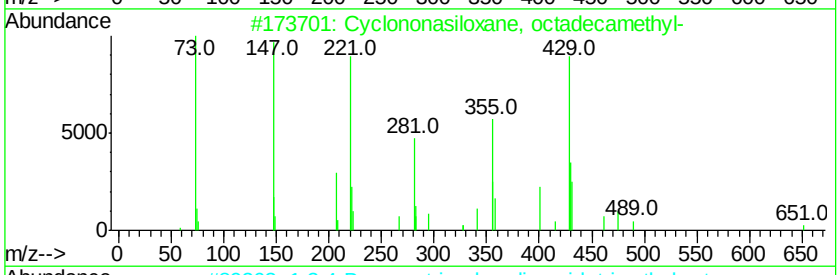
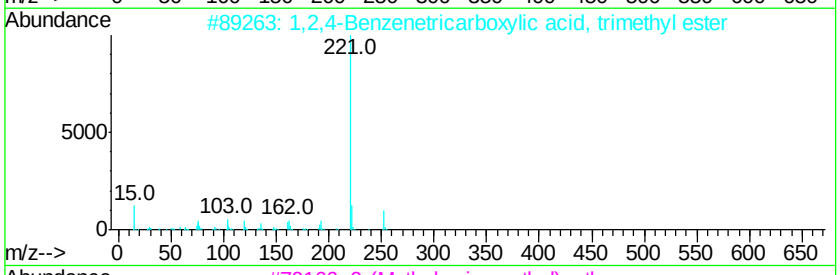
Peak Number 6 unknown15.62 Concentration Rank 7

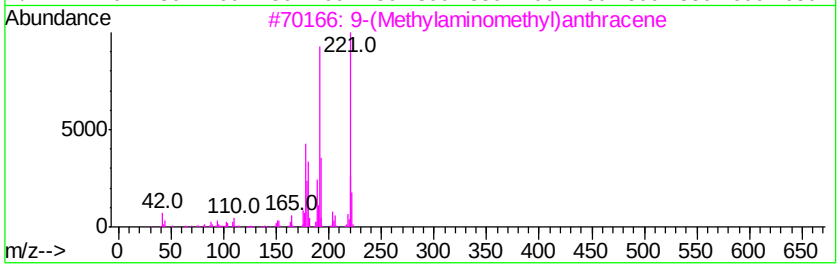
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	2.86 ng	150600	Perylene-d12	15.31

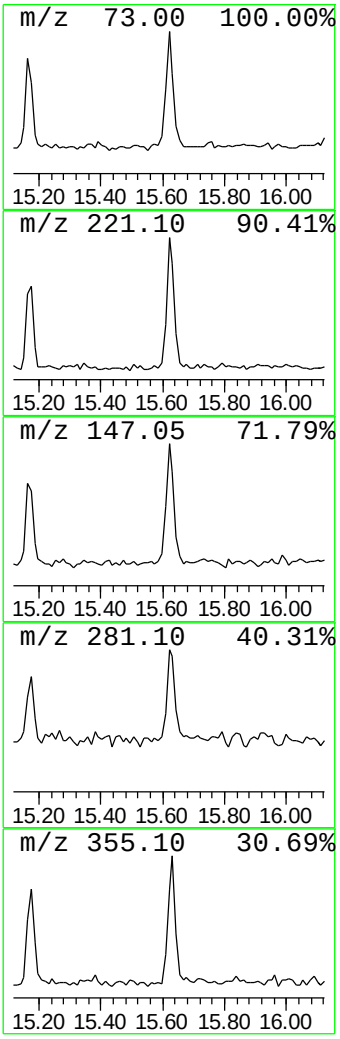
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	47
2	1,2,4-Benzenetricarboxylic acid,...	252	C12H12O6	002459-10-1	22
3	9-(Methylaminomethyl)anthracene	221	C16H15N	073356-19-1	22
4	3-Methoxymethyl-2,5,5,8a-tetrame...	236	C15H24O2	064201-73-6	22
5	4-Isothiazolecarboxylic acid, 3,...	221	C6H7NO2S3	004886-15-1	22











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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NCC-FILL

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

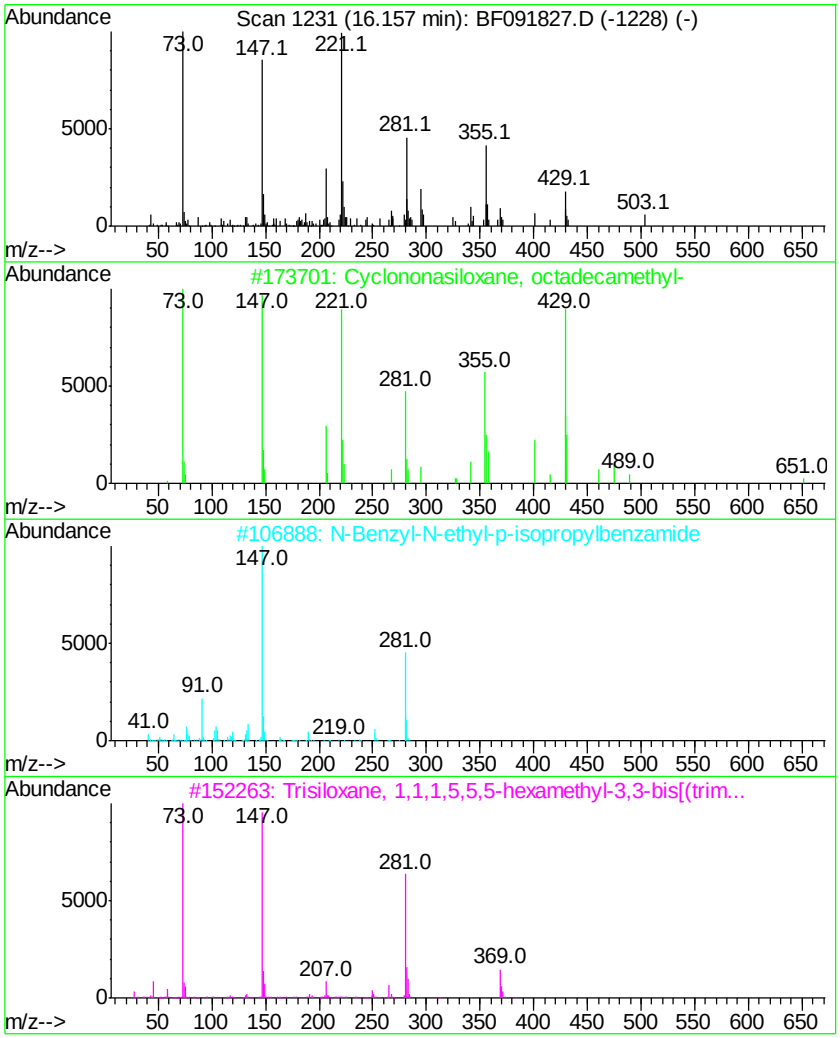
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

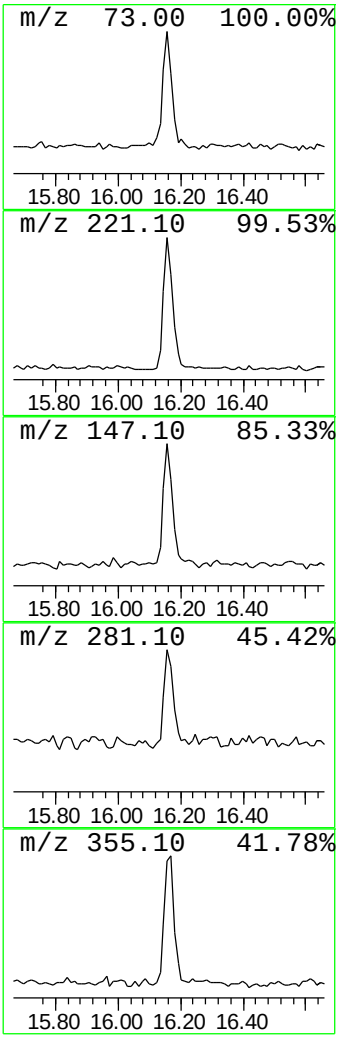
****

Peak Number 7 Cyclononasiloxane, octadeca... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	2.92 ng	153424	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	58
2	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	27
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	2-(2',4',4',6',6',8',8'-Heptamet...	652	C16H48O10Si9	145344-72-5	23
5	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	16





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

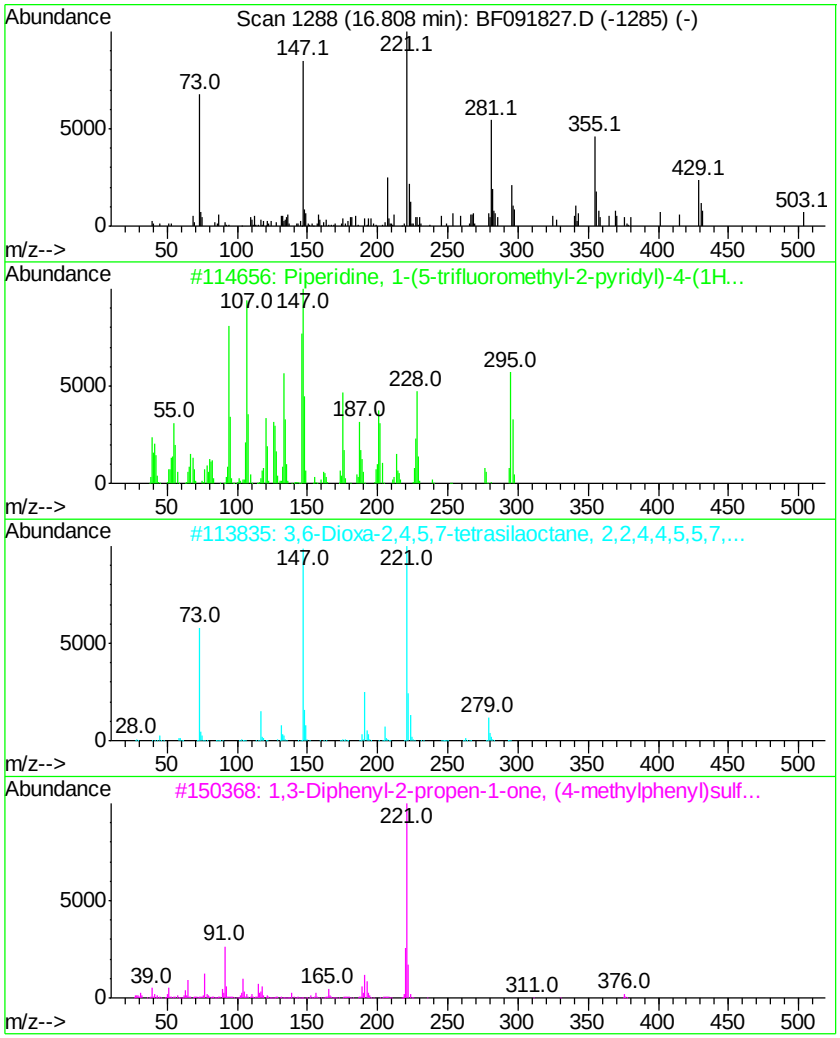
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

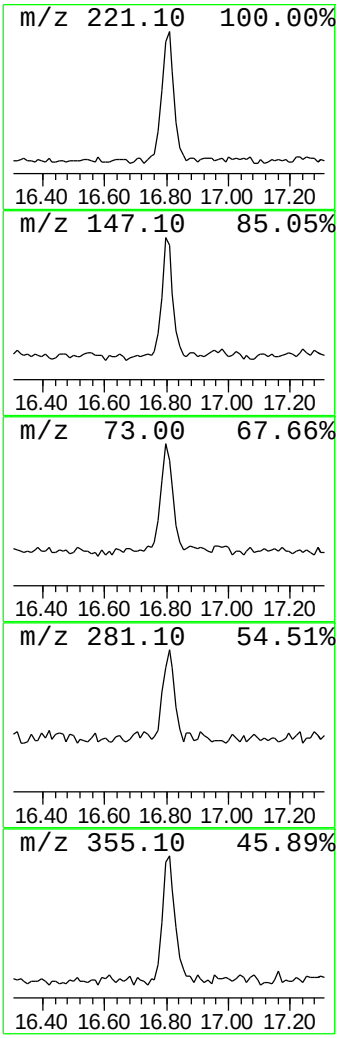
****

Peak Number 8 Piperidine, 1-(5-trifluorom... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.27 ng	171974	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	64
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	1,3-Diphenyl-2-propen-1-one, (4-...	376	C22H20N2O2S	025229-59-8	14
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	12
5	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	10





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.93	33.3	ng	1807810	1	6.76	1086800	20.0
unknown6.53	6.53	86.8	ng	4713860	1	6.76	1086800	20.0
Eicosane	10.70	2.4	ng	158486	4	11.28	1343750	20.0
1-Heneicosyl formate	13.77	3.5	ng	217908	5	13.92	1253260	20.0
unknown15.62	15.62	2.9	ng	150600	6	15.31	1051610	20.0
Cyclononasiloxane...	16.16	2.9	ng	153424	6	15.31	1051610	20.0
Piperidine, 1-(5-...	16.81	3.3	ng	171974	6	15.31	1051610	20.0