LSC Area Percent Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

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-BF011415.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	1.327	19	21	26	rBV	101456	176076	9.71%	2.177%
2	1.407	26	28	66	rVB	720407	1812822	100.00%	22.413%
3	3.830	234	240	248	rBV	22393	54995	3.03%	0.680%
4	4.779	321	323	334	rBV	113317	240254	13.25%	2.970%
5	7.156	529	531	536	rBV	70732	135675	7.48%	1.677%
6	7.247	536	539	544	rVB	291101	467576	25.79%	5.781%
7	7.762	581	584	589	rVB	80631	123907	6.84%	1.532%
8	8.082	608	612	616	rBV	403590	626939	34.58%	7.751%
9	9.065	695	698	701	rBV	328203	497737	27.46%	6.154%
10	10.676	836	839	842	rBV	110564	177811	9.81%	2.198%
11	13.328	1068	1071	1075	rVB	596247	1013853	55.93%	12.535%
12	13.762	1105	1109	1112	rBV	28022	42101	2.32%	0.521%
13	14.802	1196	1200	1203	rBV	115089	194599	10.73%	2.406%
14	15.054	1219	1222	1226	rVB	15545	24331	1.34%	0.301%
15	16.311	1328	1332	1335	rBV	112210	156176	8.62%	1.931%
16	16.517	1347	1350	1353	rBV	308212	402407	22.20%	4.975%
17	17.637	1445	1448	1450	rBV	143817	203209	11.21%	2.512%
18	19.877	1641	1644	1647	rBV	1067366	1140985	62.94%	14.106%
19	21.134	1752	1754	1757	rBV	170570	218226	12.04%	2.698%
20	22.803	1898	1900	1903	rBV	169710	205907	11.36%	2.546%
21	23.340	1944	1947	1951	rVB2	11606	18685	1.03%	0.231%
22	23.786	1982	1986	1989	rBV2	14947	30634	1.69%	0.379%
23	24.232	2022	2025	2028	rBV	13519	25202	1.39%	0.312%
24	24.781	2067	2073	2077	rVB2	10594	31013	1.71%	0.383%
25	25.421	2121	2129	2136	rBV4	9132	33355	1.84%	0.412%
26	26.209	2192	2198	2208	rVB4	6912	33911	1.87%	0.419%

Sum of corrected areas: 8088386

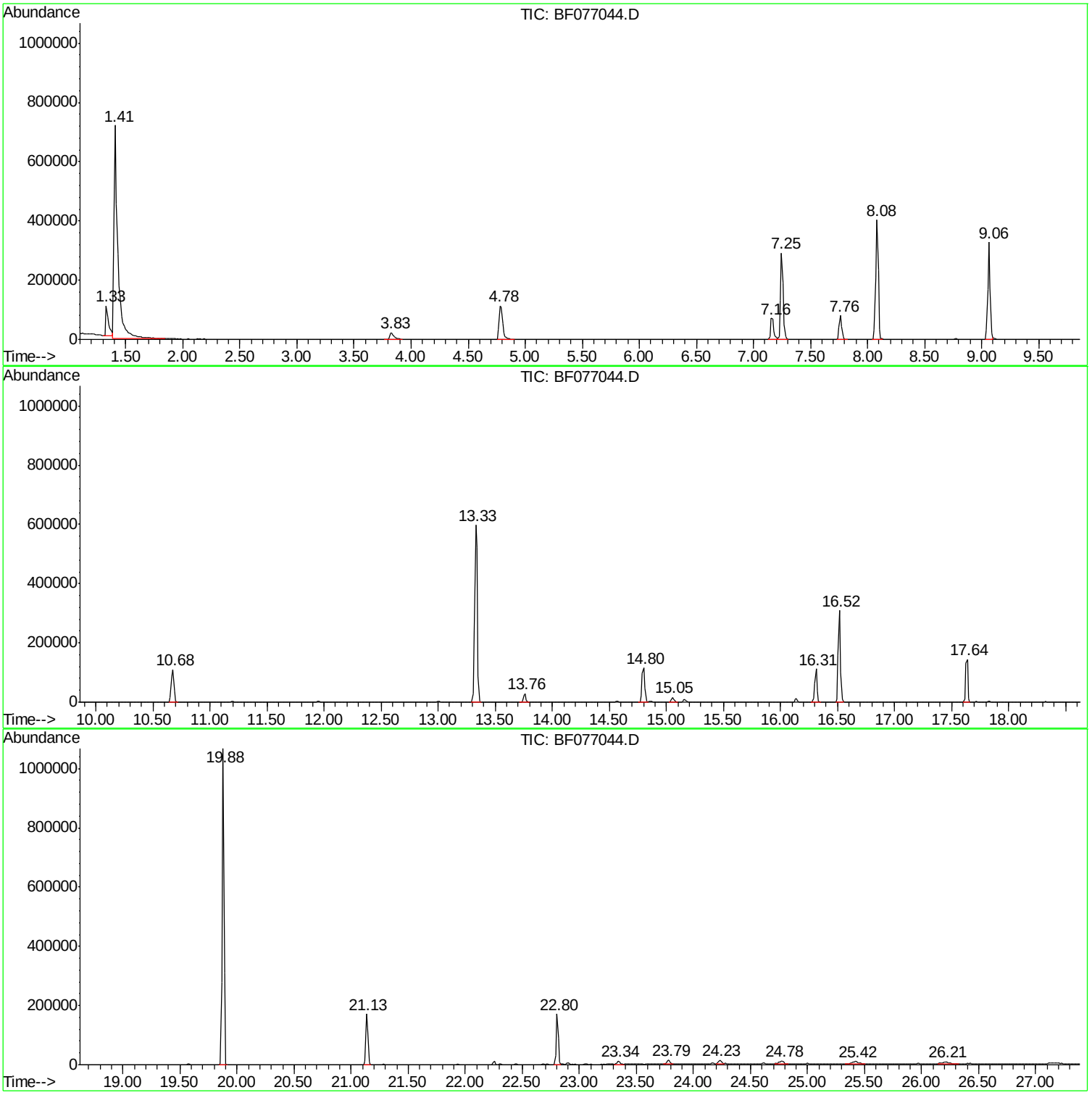
LSC Report - Integrated Chromatogram

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

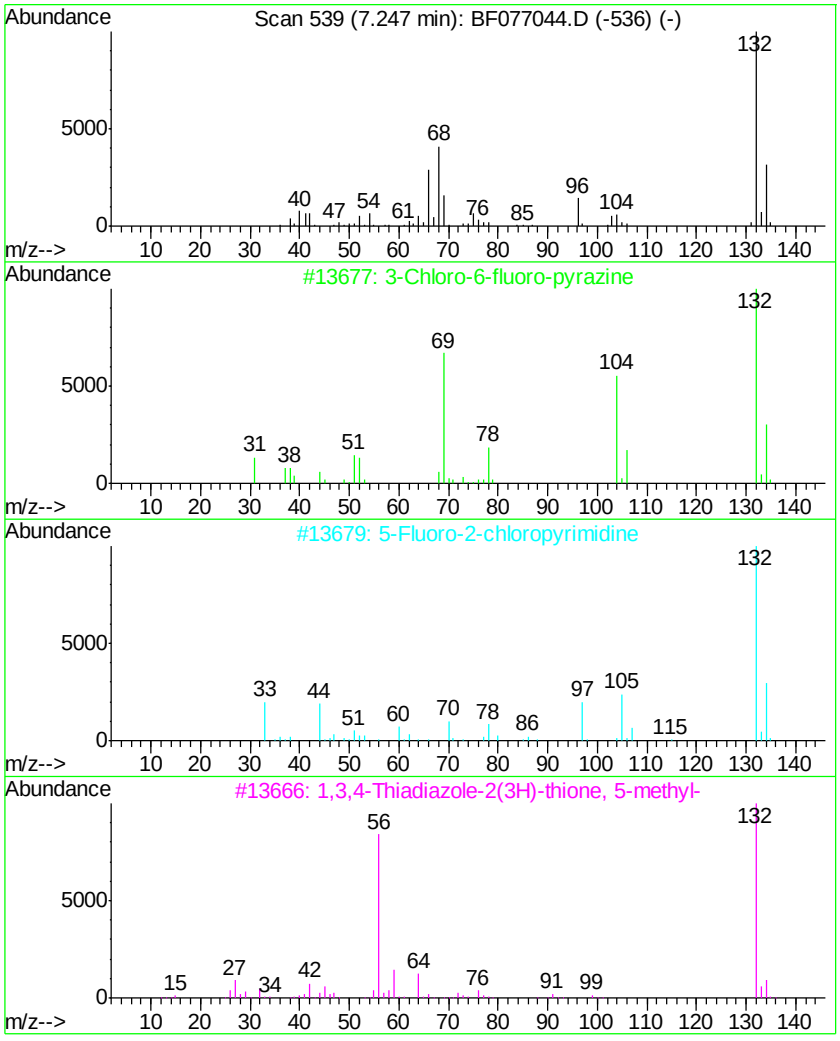
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

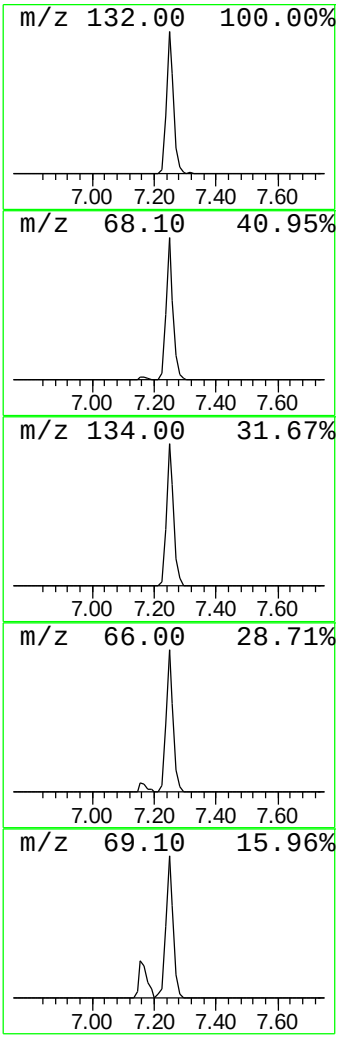
****

Peak Number 4 unknown7.25 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	75.47 ng	467576	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	5-Aminoindole	132	C8H8N2	005192-03-0	9





Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.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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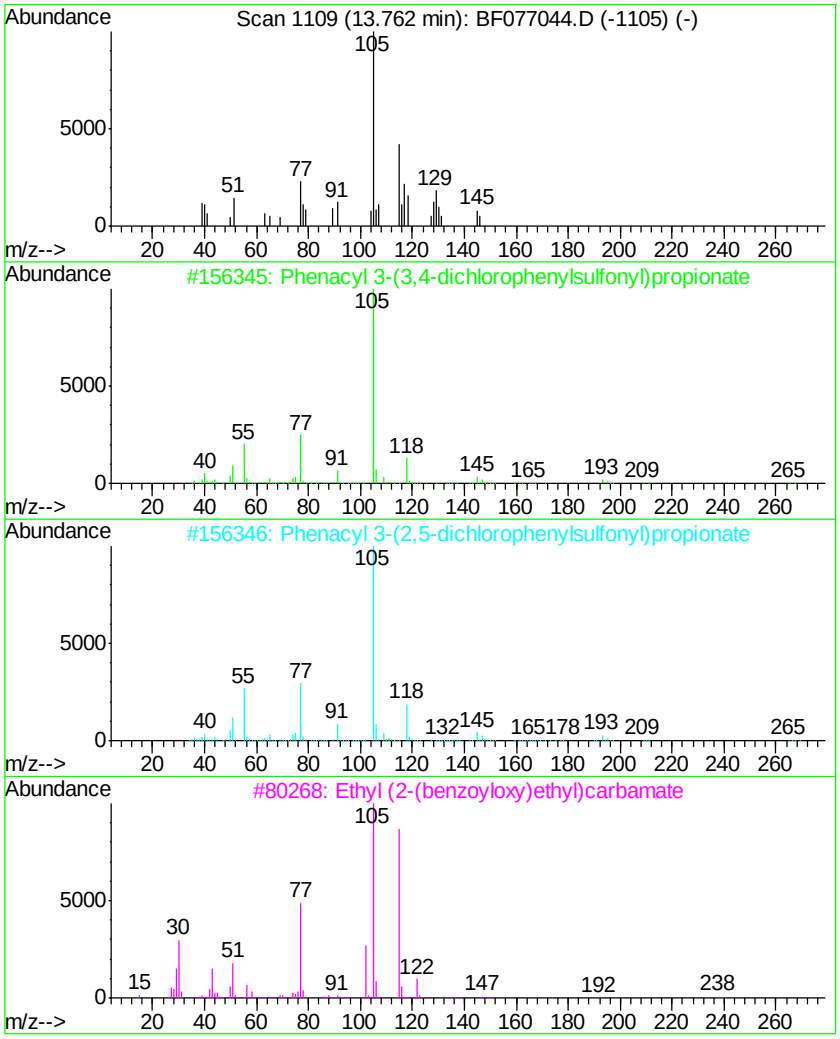
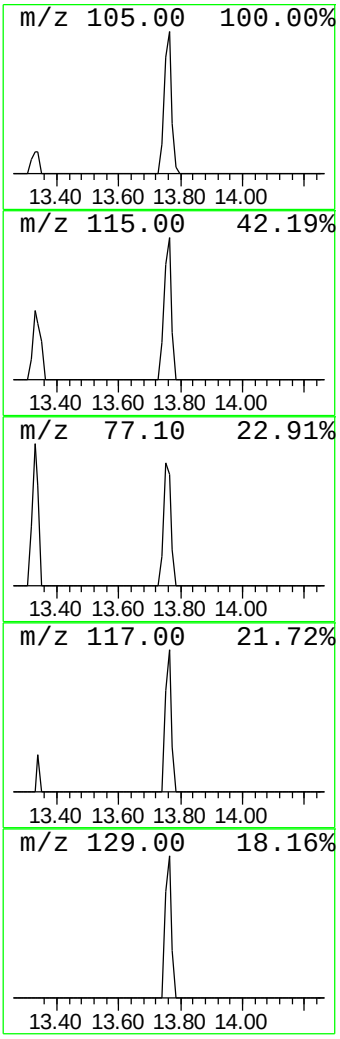
Peak Number 6 unknown13.76 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	4.33 ng	42101	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenacyl 3-(3,4-dichlorophenylsu...	400	C17H14Cl2O5S	1000225-01-1	10
2	Phenacyl 3-(2,5-dichlorophenylsu...	400	C17H14Cl2O5S	295347-13-6	10
3	Ethyl (2-(benzoyloxy)ethyl)carba...	237	C12H15NO4	091642-01-2	9
4	Ethanone, 2,2-dibromo-1-phenyl-	276	C8H6Br2O	013665-04-8	9
5	3,4-Dimethylbenzyl cyanide	145	C10H11N	003020-06-2	9





Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

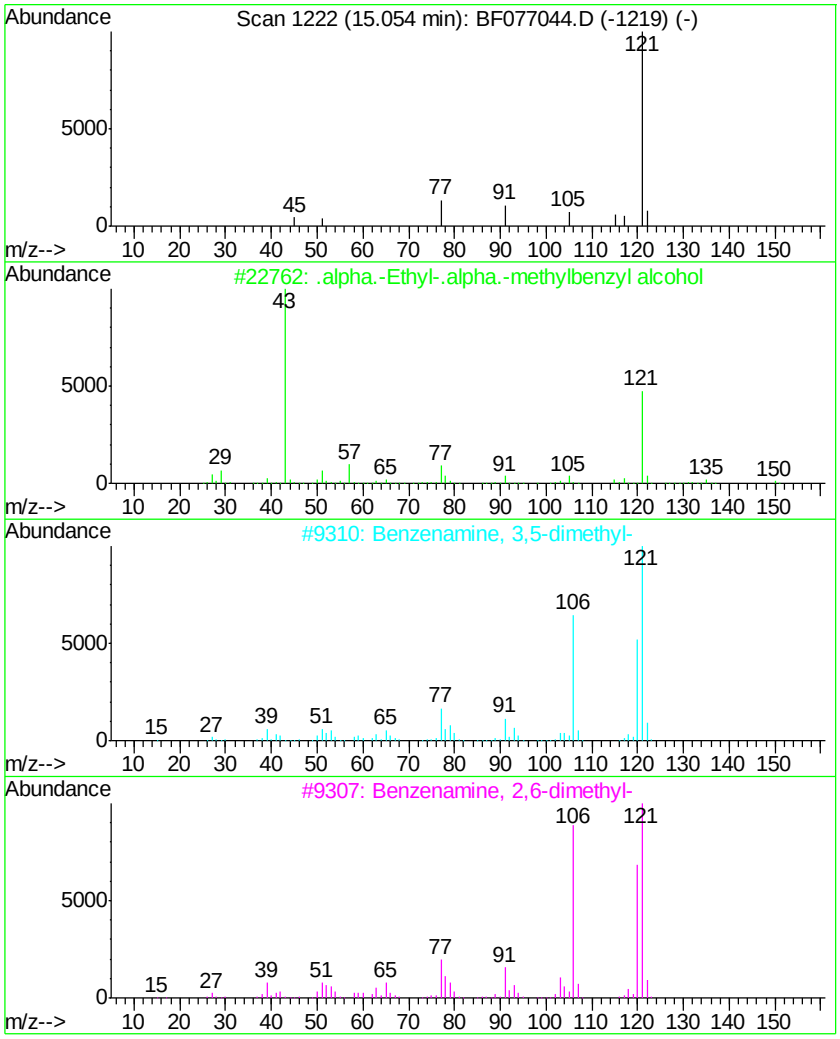
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

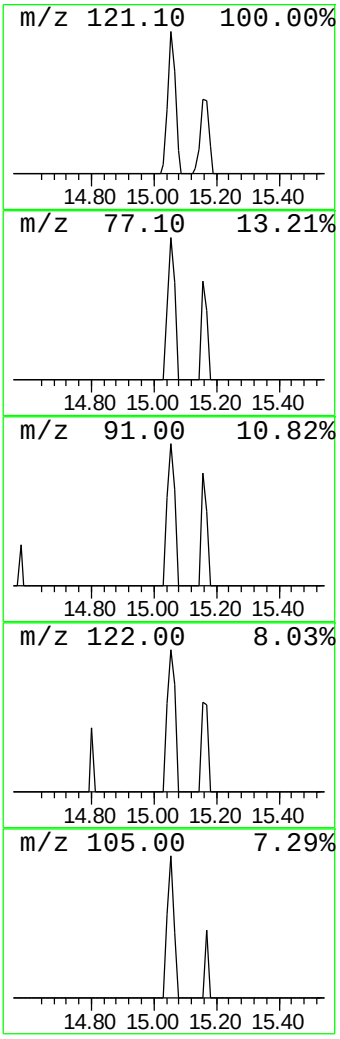
****

Peak Number 7 .alpha.-Ethyl-.alpha.-methy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	2.50 ng	24331	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Ethyl-.alpha.-methylbenz...	150	C10H14O	001565-75-9	74
2	Benzenamine, 3,5-dimethyl-	121	C8H11N	000108-69-0	64
3	Benzenamine, 2,6-dimethyl-	121	C8H11N	000087-62-7	64
4	Benzenamine, 3,4-dimethyl-	121	C8H11N	000095-64-7	64
5	Benzenamine, 2,4-dimethyl-	121	C8H11N	000095-68-1	64





Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

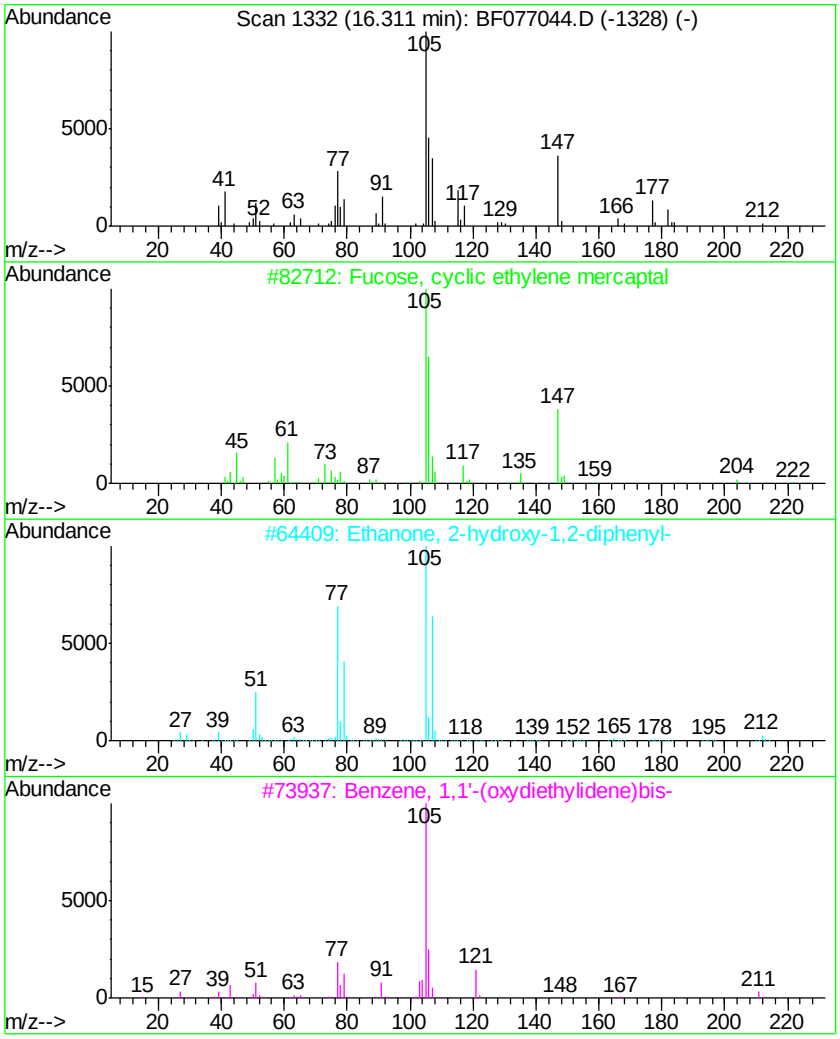
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

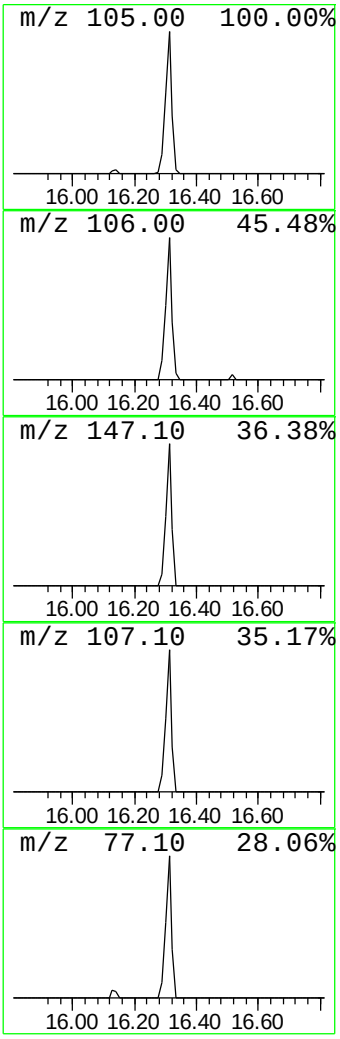
****

Peak Number 8 unknown16.31 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	15.37 ng	156176	Phenanthrene-d10	17.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fucose, cyclic ethylene mercaptal	240	C8H16O4S2	003650-70-2	40
2	Ethanone, 2-hydroxy-1,2-diphenyl-	212	C14H12O2	000119-53-9	27
3	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	27
4	2-Cyclopropyl-2-nitro-1-phenyl-e...	207	C11H13NO3	1000194-91-5	25
5	Benzoin	212	C14H12O2	000579-44-2	22





Library Search Compound Report

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

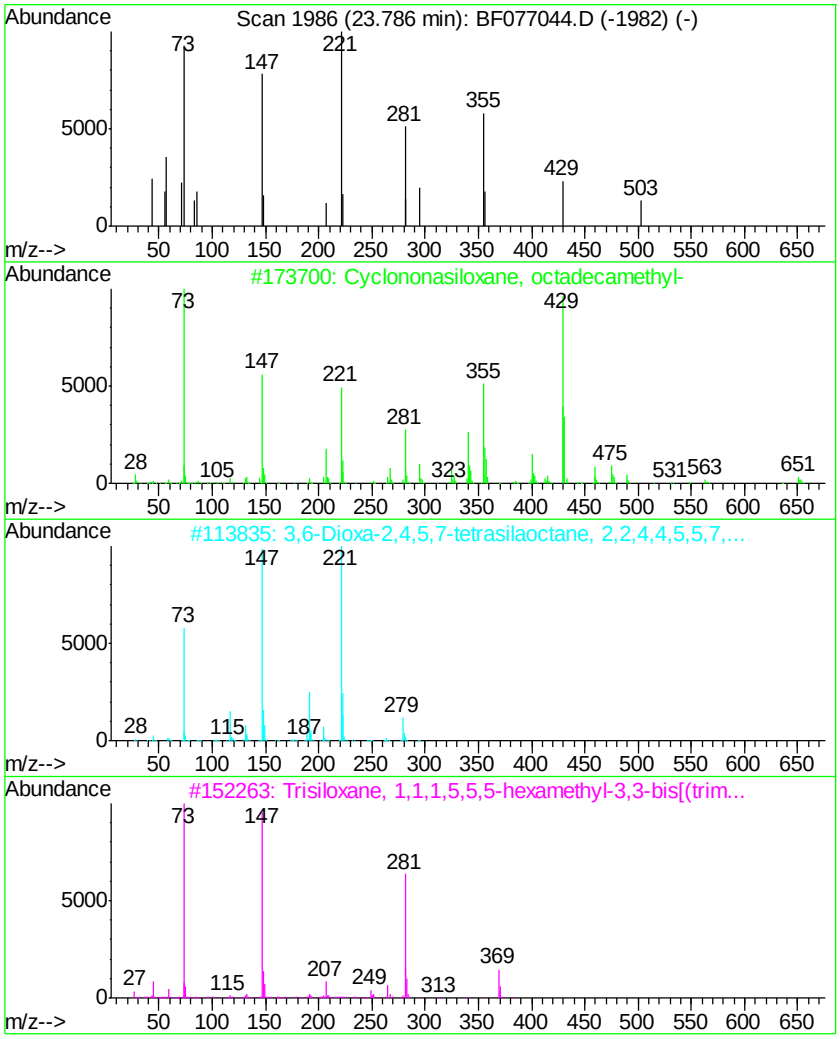
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

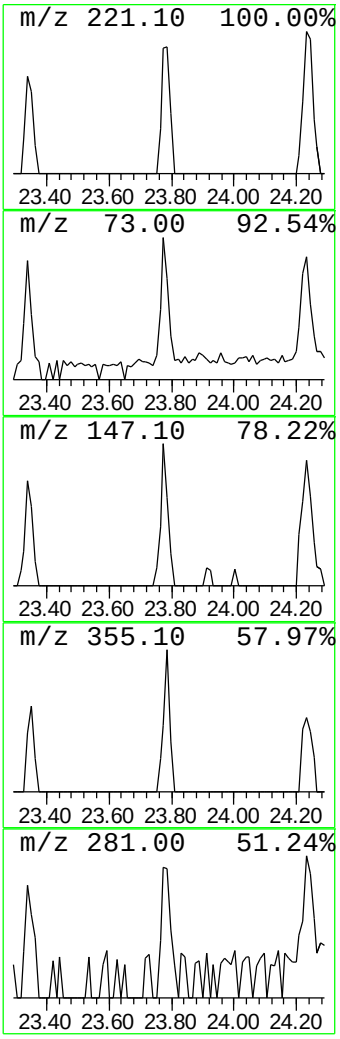
****

Peak Number 9 Cyclononasiloxane, octadeca... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.79	2.98 ng	30634	Perylene-d12	22.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	56
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	27
5	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	23





Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
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Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

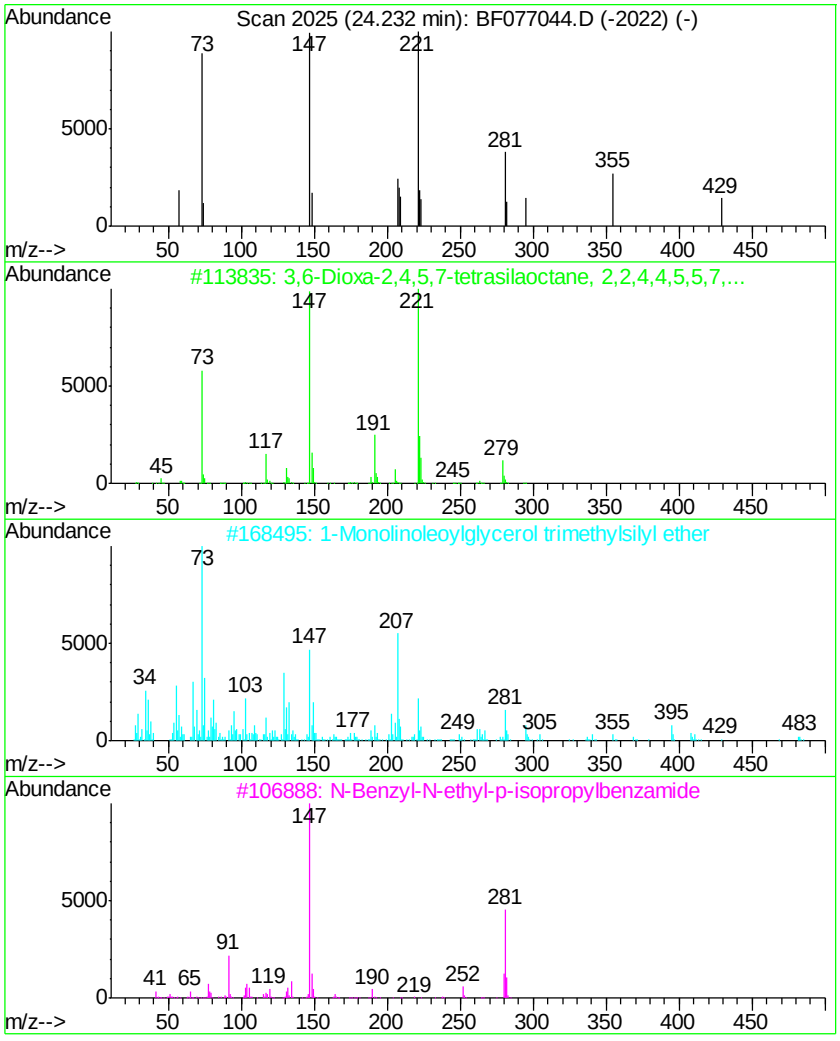
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

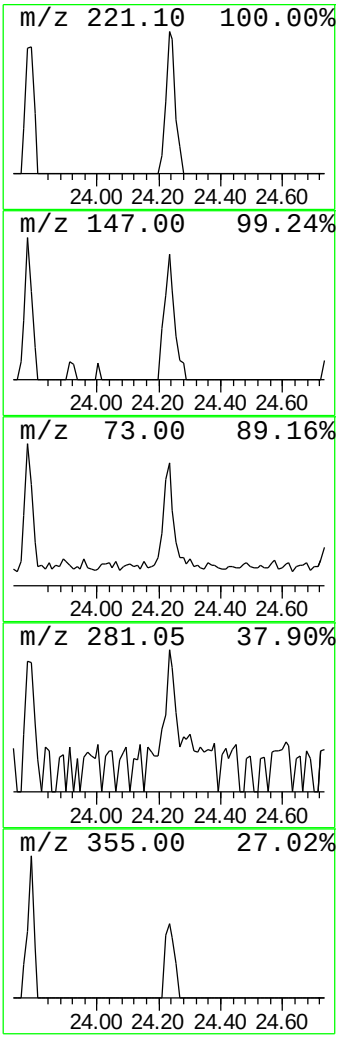
****

Peak Number 10 unknown24.23 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	2.45 ng	25202	Perylene-d12	22.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	47
2	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	40
3	N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	30
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	12
5	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	10





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Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

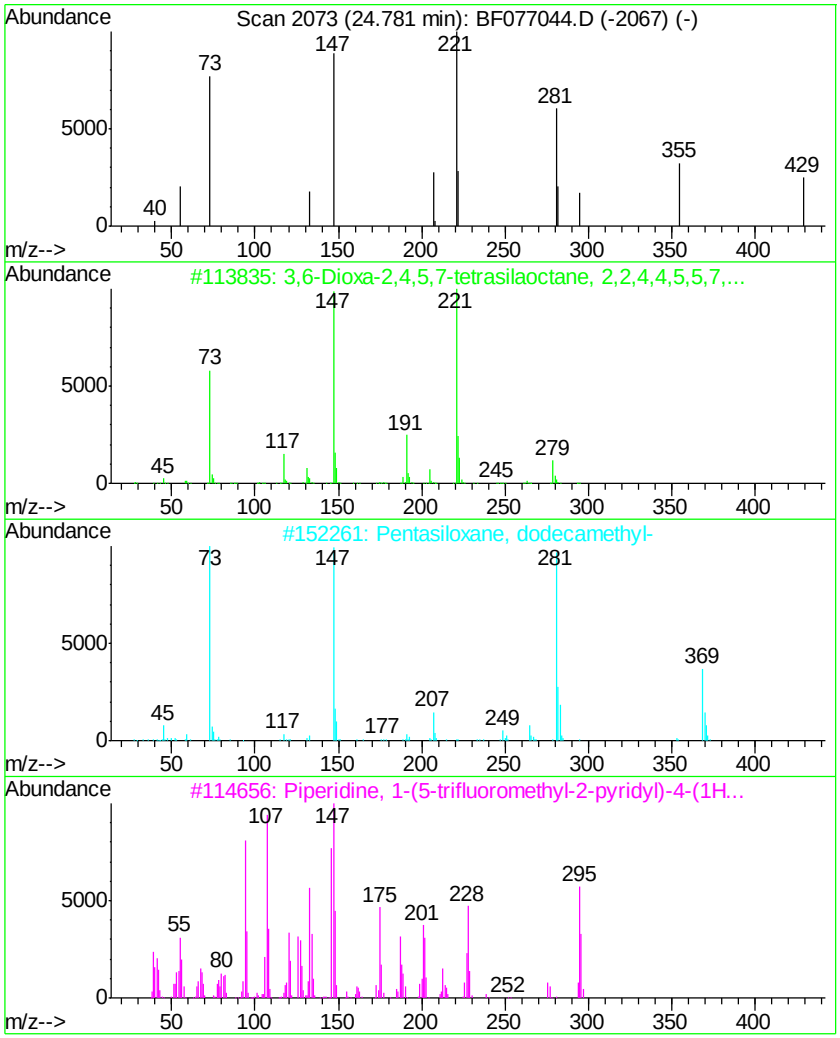
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

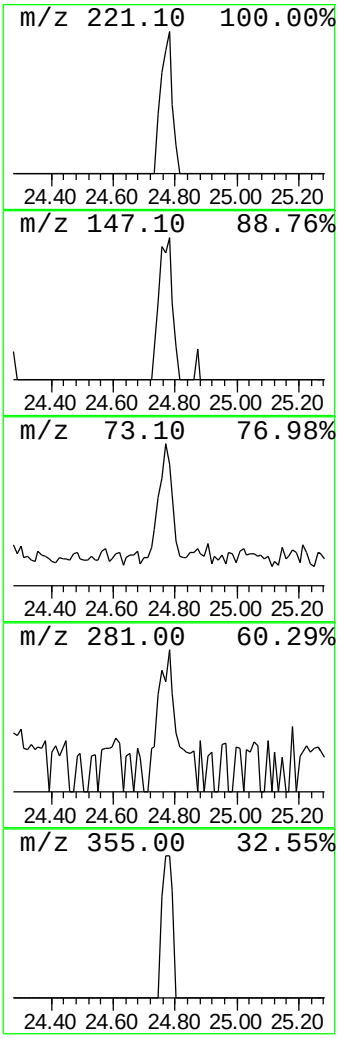
****

Peak Number 11 unknown24.78 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.78	3.01 ng	31013	Perylene-d12	22.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
2	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	35
3	Piperidine, 1-(5-trifluoromethyl...	295	C15H16F3N3	1000268-74-7	10
4	Pyrazon	221	C10H8ClN3O	001698-60-8	9
5	Pyridazin-3(2H)-one, 4-amino-5-c...	221	C10H8ClN3O	001698-61-9	9





Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
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Misc :
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Instrument : BNA_F
ClientSampleId : FB

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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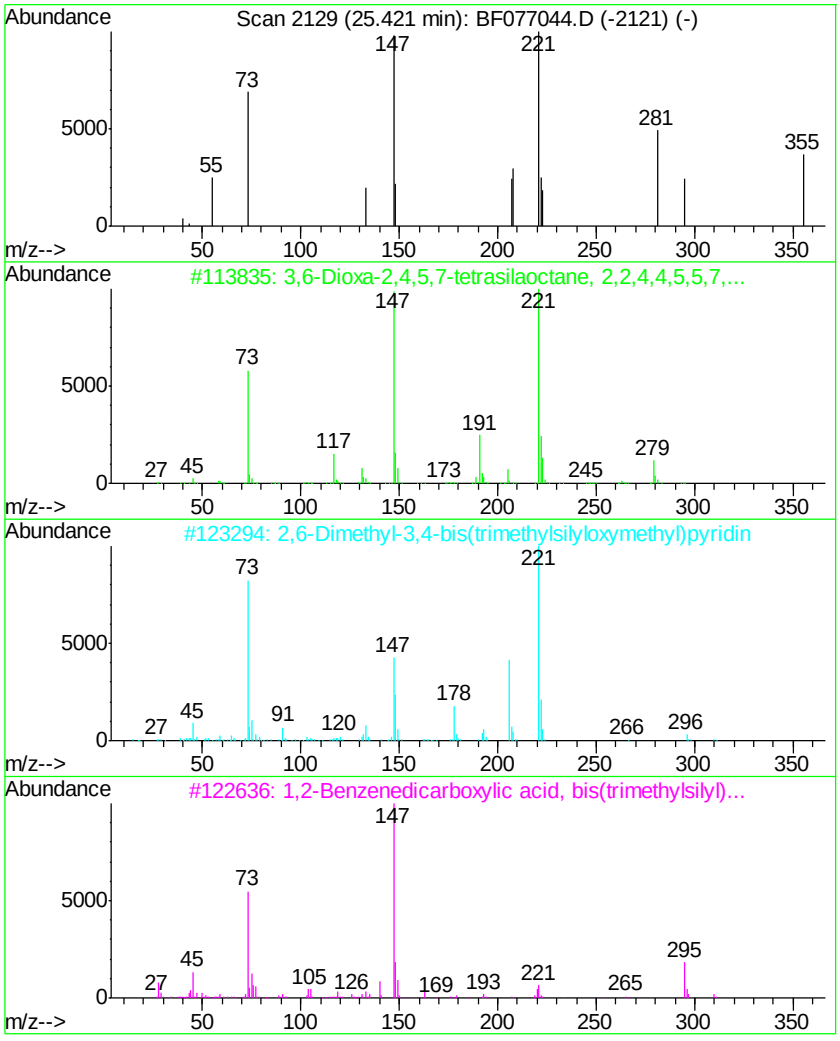
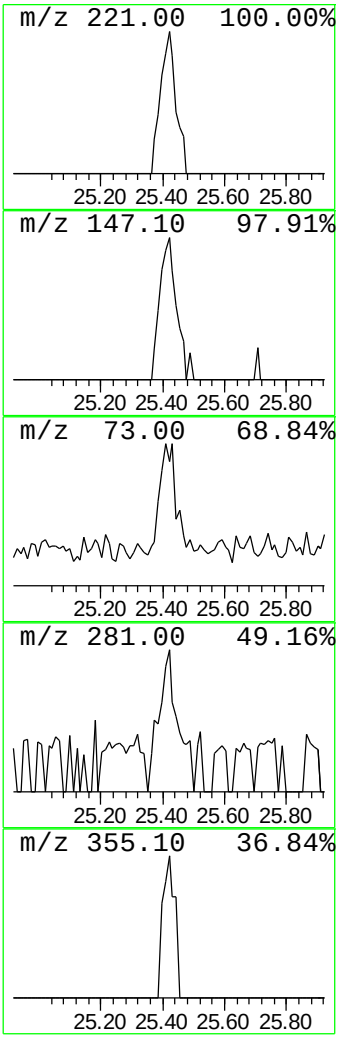
Peak Number 12 unknown25.42 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.42	3.24 ng	33355	Perylene-d12	22.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	47
2	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	17
3	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	10
4	1-Pentamethyldisilyloxybutane	204	C9H24OSi2	081500-46-1	10
5	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	10





Tentatively Identified Compound (LSC) summary

Data Path : S:\HPCHEM1\BNA_F\DATA\BF012315\
Data File : BF077044.D
Acq On : 23 Jan 2015 18:55
Operator : TP/IZ
Sample : G1150-02
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
unknown7.25	7.25	75.5	ng	467576	1	7.76	123907	20.0
unknown13.76	13.76	4.3	ng	42101	3	14.80	194599	20.0
.alpha.-Ethyl-.al...	15.05	2.5	ng	24331	3	14.80	194599	20.0
unknown16.31	16.31	15.4	ng	156176	4	17.64	203209	20.0
Cyclononasiloxane...	23.79	3.0	ng	30634	6	22.80	205907	20.0
unknown24.23	24.23	2.5	ng	25202	6	22.80	205907	20.0
unknown24.78	24.78	3.0	ng	31013	6	22.80	205907	20.0
unknown25.42	25.42	3.2	ng	33355	6	22.80	205907	20.0