LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079361.D
Acq On : 20 May 2015 2:34
Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

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-BF043015.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	1.393	16	18	26	rVB	167756	283770	4.39%	1.512%
2	1.553	30	32	35	rVV	401748	465780	7.21%	2.481%
3	1.644	39	40	48	rVB	225913	377783	5.85%	2.012%
4	1.758	48	50	88	rVB	3094292	6461087	100.00%	34.415%
5	4.879	321	323	331	rVB	72191	93918	1.45%	0.500%
6	5.416	367	370	379	rVB	369231	517100	8.00%	2.754%
7	6.696	480	482	489	rBV	337573	356829	5.52%	1.901%
8	6.833	492	494	497	rBV	854382	984026	15.23%	5.241%
9	7.130	517	520	522	rBV	215364	263664	4.08%	1.404%
10	7.313	533	536	538	rBV	957412	903565	13.98%	4.813%
11	7.816	578	580	583	rBV	609073	708942	10.97%	3.776%
12	8.708	656	658	660	rBV	260367	368647	5.71%	1.964%
13	9.633	731	739	743	rBV5	21015	83154	1.29%	0.443%
14	10.045	773	775	778	rVB	1320870	1560189	24.15%	8.310%
15	10.262	791	794	798	rVB4	37724	83579	1.29%	0.445%
16	10.868	845	847	850	rBV	346893	427443	6.62%	2.277%
17	11.245	874	880	885	rBV9	22874	101884	1.58%	0.543%
18	11.851	931	933	936	rBV	1000095	1107211	17.14%	5.898%
19	12.708	1006	1008	1011	rBV	369837	459096	7.11%	2.445%
20	14.708	1180	1183	1186	rBV	1764399	1807563	27.98%	9.628%
21	15.885	1283	1286	1290	rBV	51006	71459	1.11%	0.381%
22	16.000	1293	1296	1298	rVV	416429	522704	8.09%	2.784%
23	16.045	1298	1300	1303	rVB	132506	164061	2.54%	0.874%
24	17.268	1405	1407	1414	rVB2	28242	77642	1.20%	0.414%
25	17.714	1443	1446	1449	rBV	448960	522844	8.09%	2.785%

Sum of corrected areas: 18773940

LSC Report - Integrated Chromatogram

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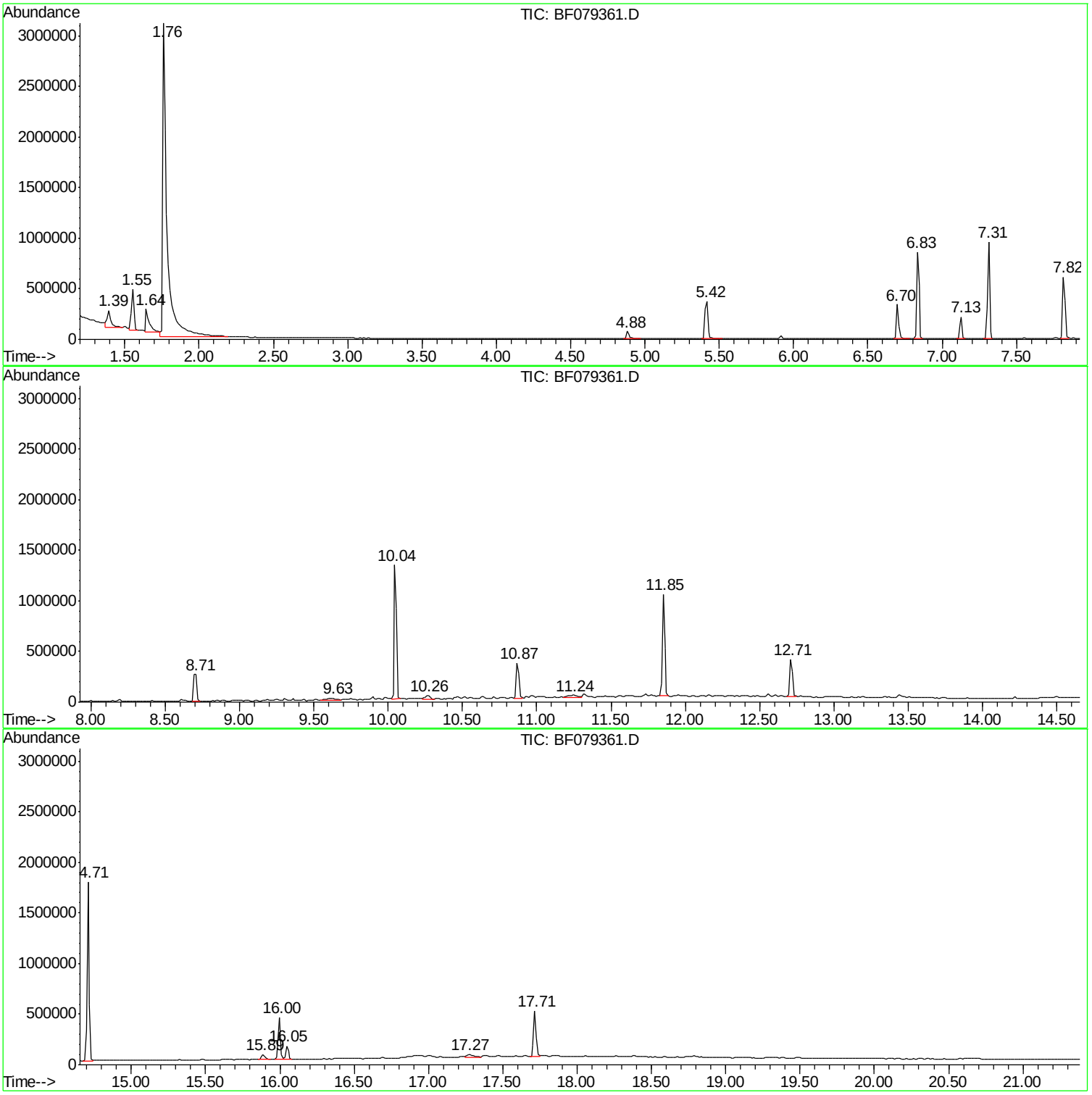
Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079361.D
Acq On : 20 May 2015 2:34
Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

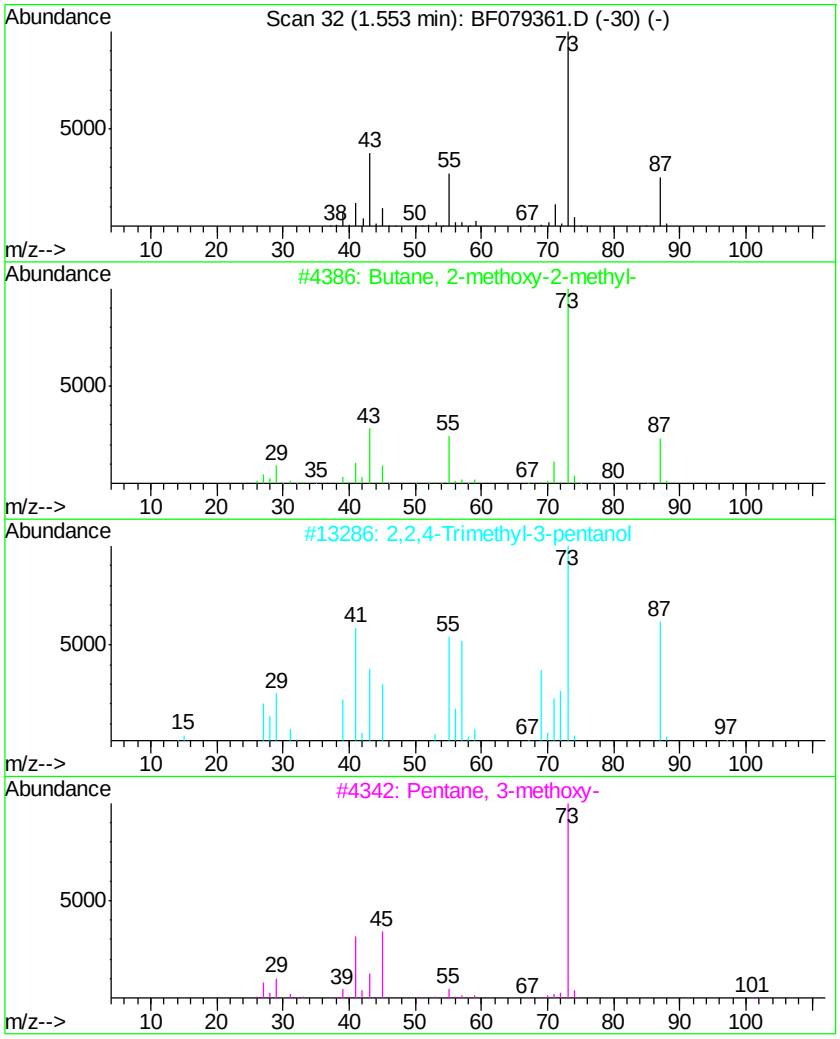
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

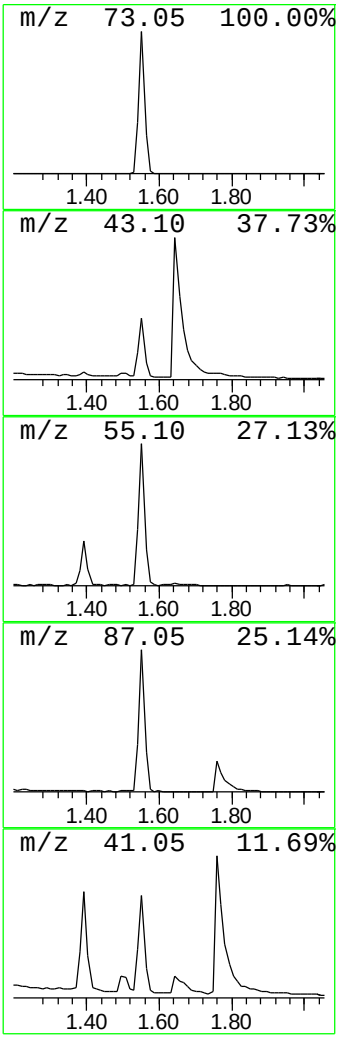
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	35.33 ng	465780	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

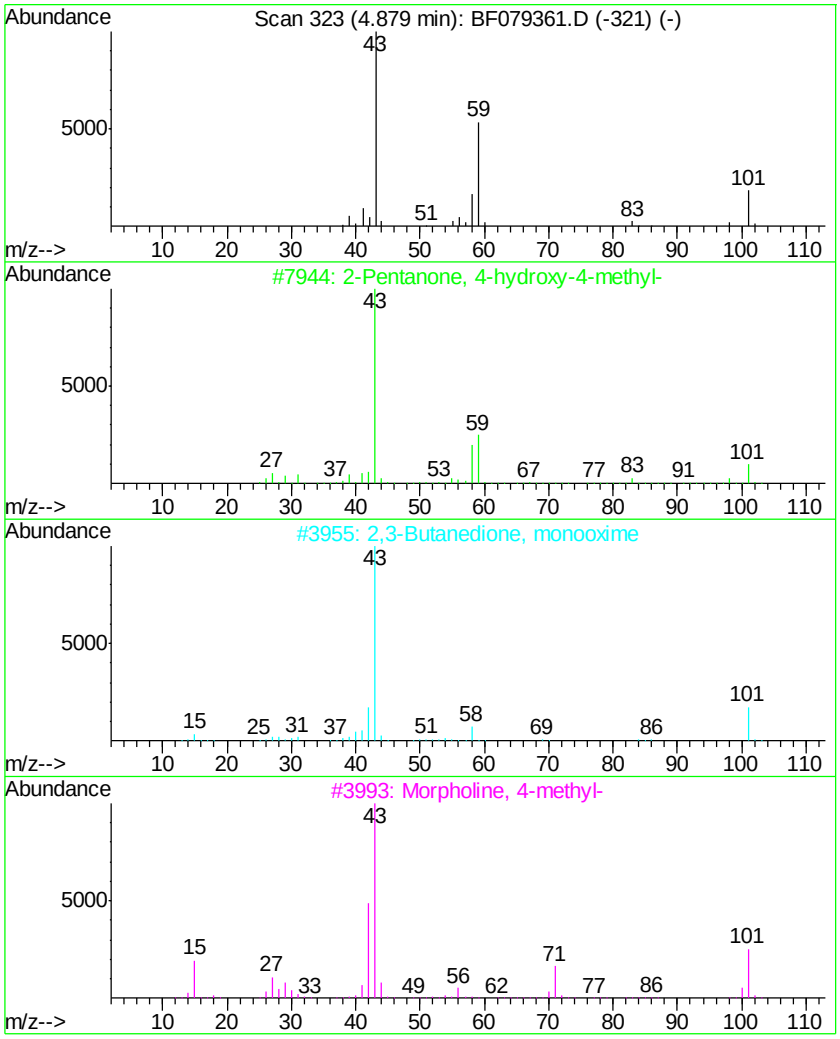
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

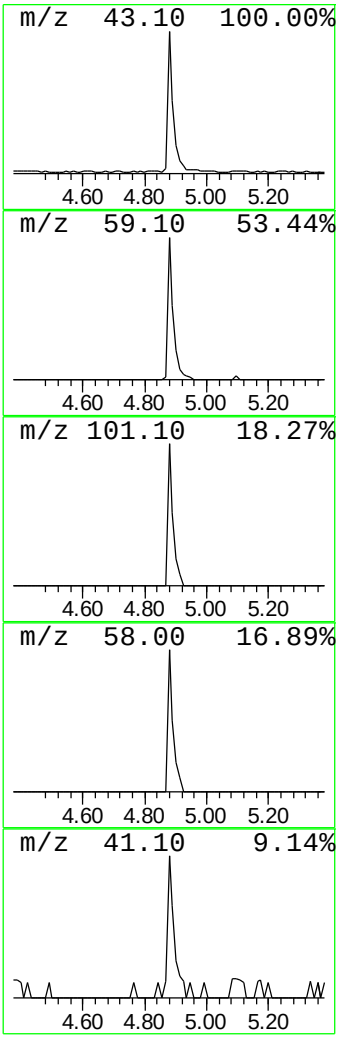
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	7.12 ng	93918	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9
5	Butanamide, 2-hydroxy-2,N-dimethyl-	117	C5H11NO2	039961-72-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079361.D
Acq On : 20 May 2015 2:34
Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

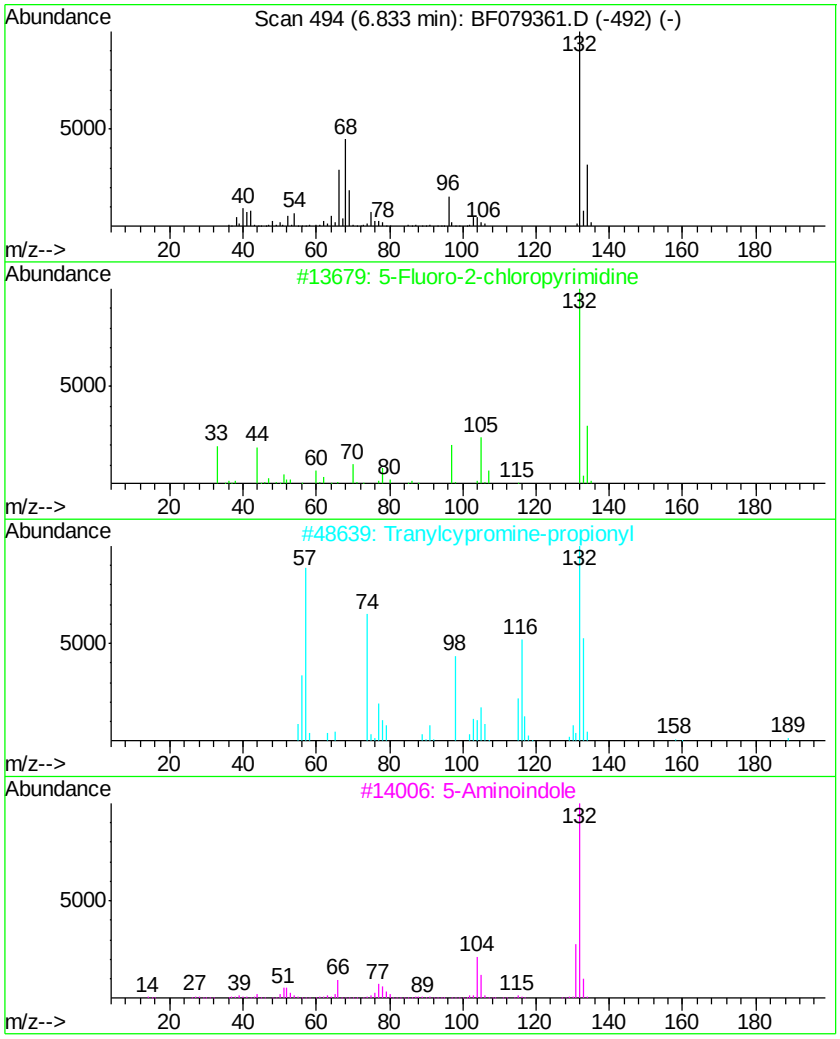
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

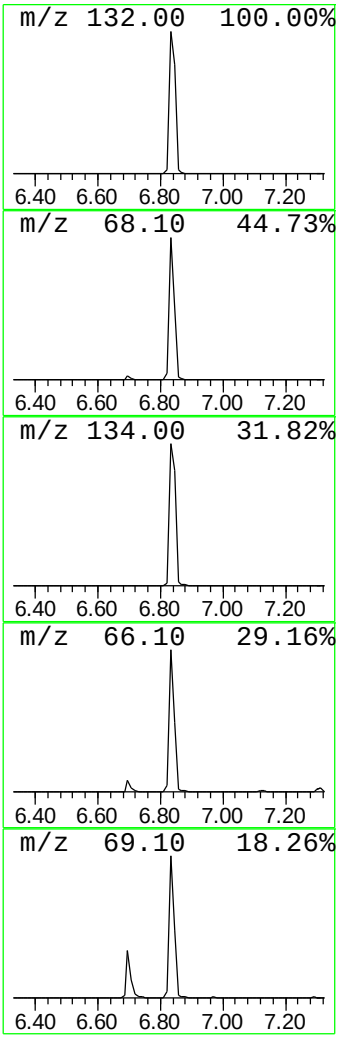
****

Peak Number 6 unknown6.83 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	74.64 ng	984026	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079361.D
Acq On : 20 May 2015 2:34
Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

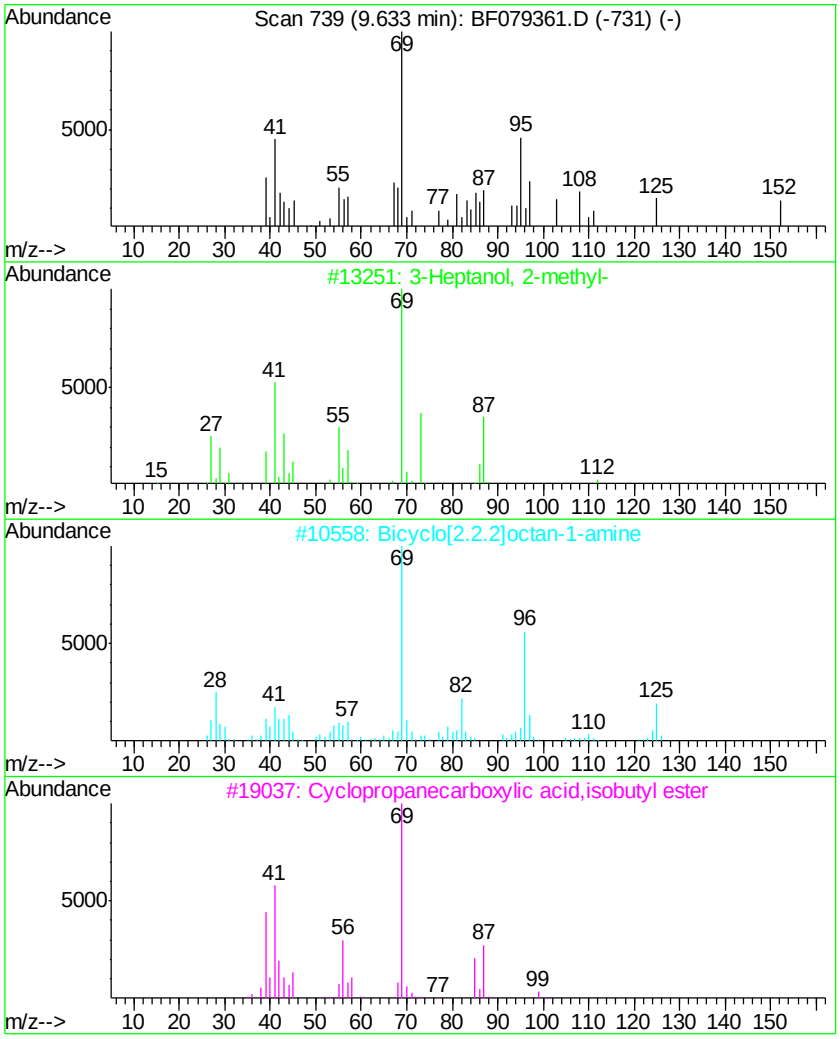
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

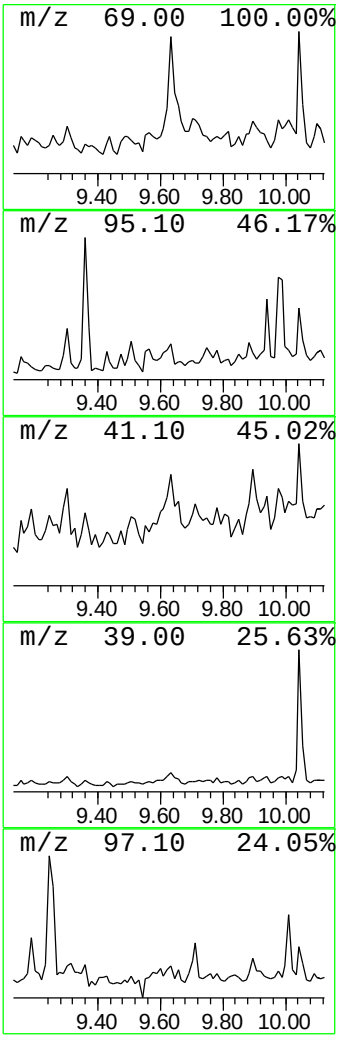
****

Peak Number 8 unknown9.63 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.63	4.51 ng	83154	Naphthalene-d8	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptanol, 2-methyl-	130	C8H18O	018720-62-2	35
2	Bicyclo[2.2.2]octan-1-amine	125	C8H15N	001193-42-6	35
3	Cyclopropanecarboxylic acid,isob...	142	C8H14O2	064969-79-5	25
4	1-Octen-4-ol	128	C8H16O	040575-42-6	25
5	4-Nonanol, 2,6,8-trimethyl-	186	C12H26O	000123-17-1	17





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Operator : TP/IZ
Sample : G2265-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
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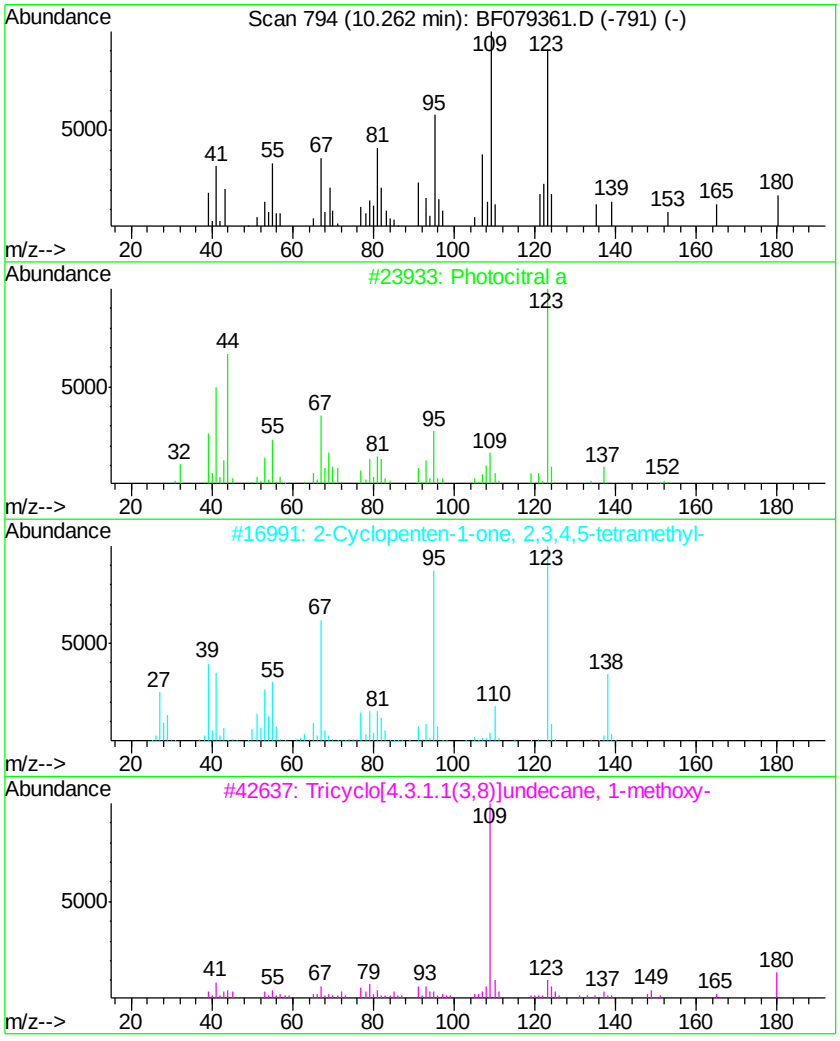
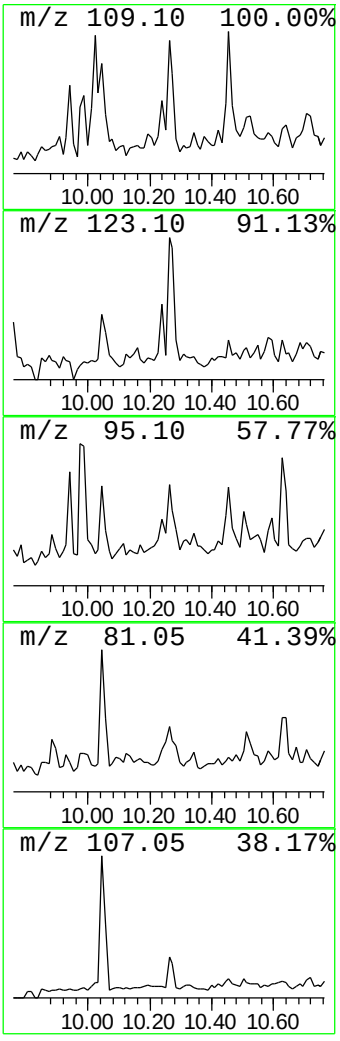
****

Peak Number 9 unknown10.26 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	3.91 ng	83579	Acenaphthene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Photocitral a	152	C10H16O	1000292-85-0	35
2	2-Cyclopenten-1-one, 2,3,4,5-tet...	138	C9H14O	054458-61-6	27
3	Tricyclo[4.3.1.1(3,8)]undecane, ...	180	C12H20O	021898-95-3	22
4	3,3-Dimethyl-hepta-4,5-dien-2-one	138	C9H14O	1000190-54-1	22
5	3-Heptyne, 2,2-dimethyl-	124	C9H16	029022-29-5	14





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Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

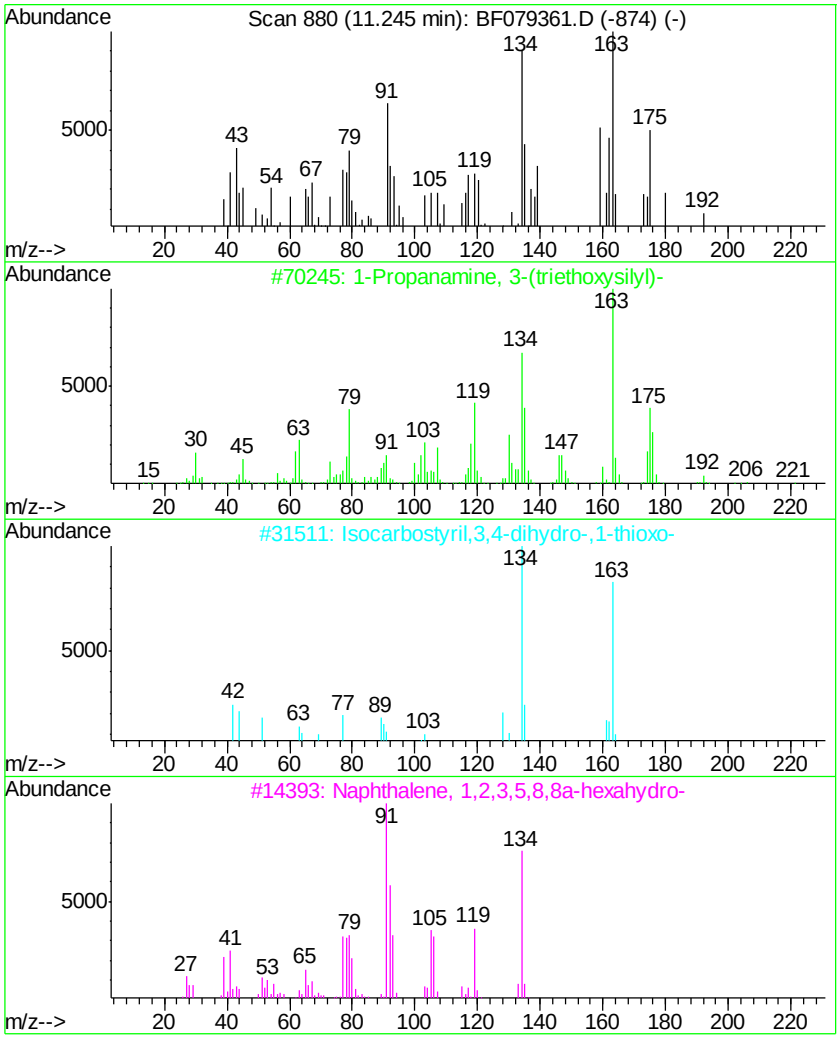
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

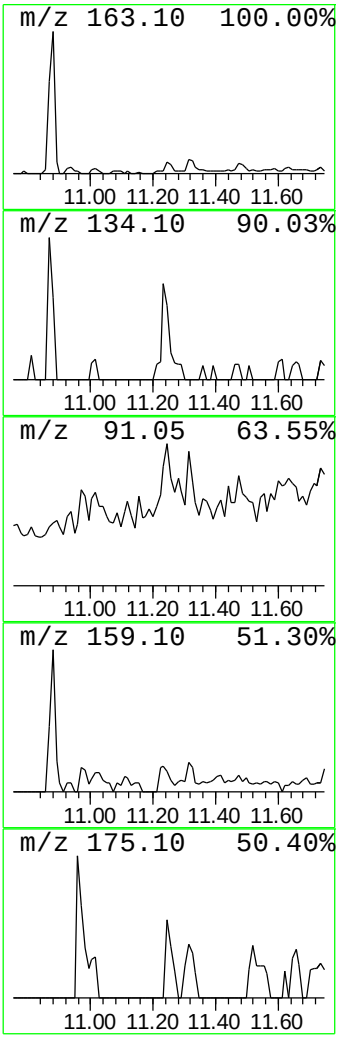
****

Peak Number 10 unknown11.25 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	4.77 ng	101884	Acenaphthene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 3-(triethoxysilyl)-	221	C9H23NO3Si	000919-30-2	35
2	Isocarbostyril,3,4-dihydro-,1-th...	163	C9H9NS	006552-60-9	35
3	Naphthalene, 1,2,3,5,8,8a-hexahy...	134	C10H14	062690-65-7	25
4	2-Benzoxazolamine, N-ethyl-	162	C9H10N2O	021326-91-0	22
5	Benzothiazole, 2,5-dimethyl-	163	C9H9NS	000095-26-1	18





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Misc :
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Instrument : BNA_F
ClientSampleId : HW-23-5-14-15

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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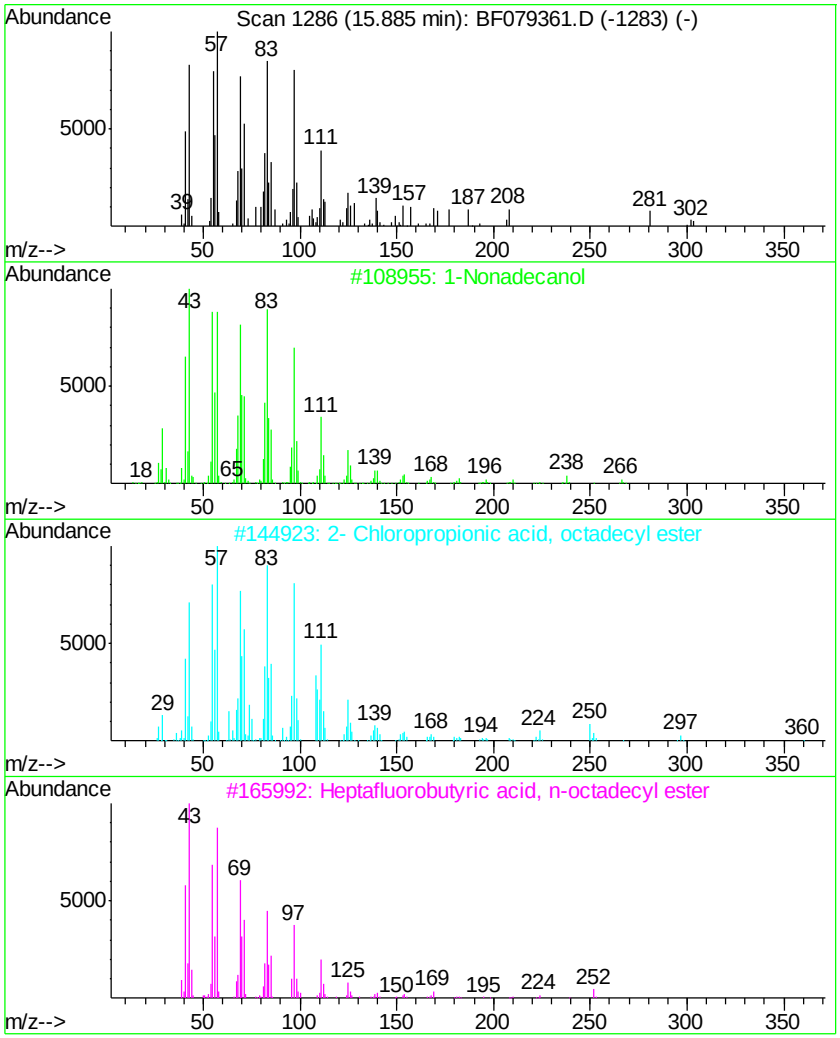
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

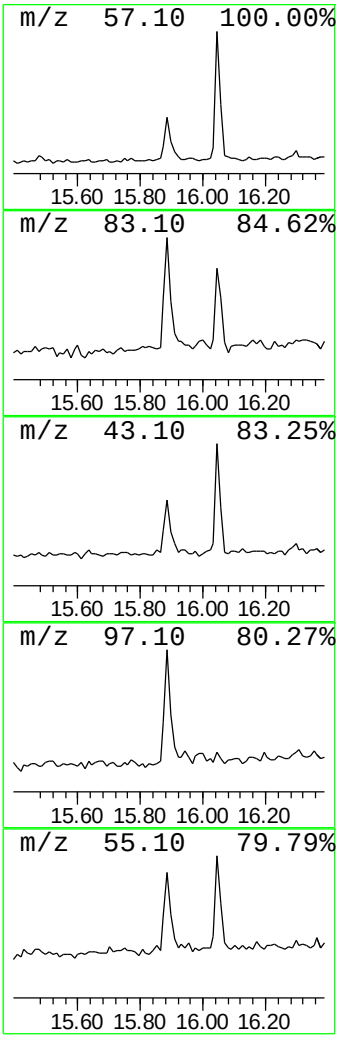
****

Peak Number 11 1-Nonadecanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.73 ng	71459	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	94
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	90
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87





Library Search Compound Report

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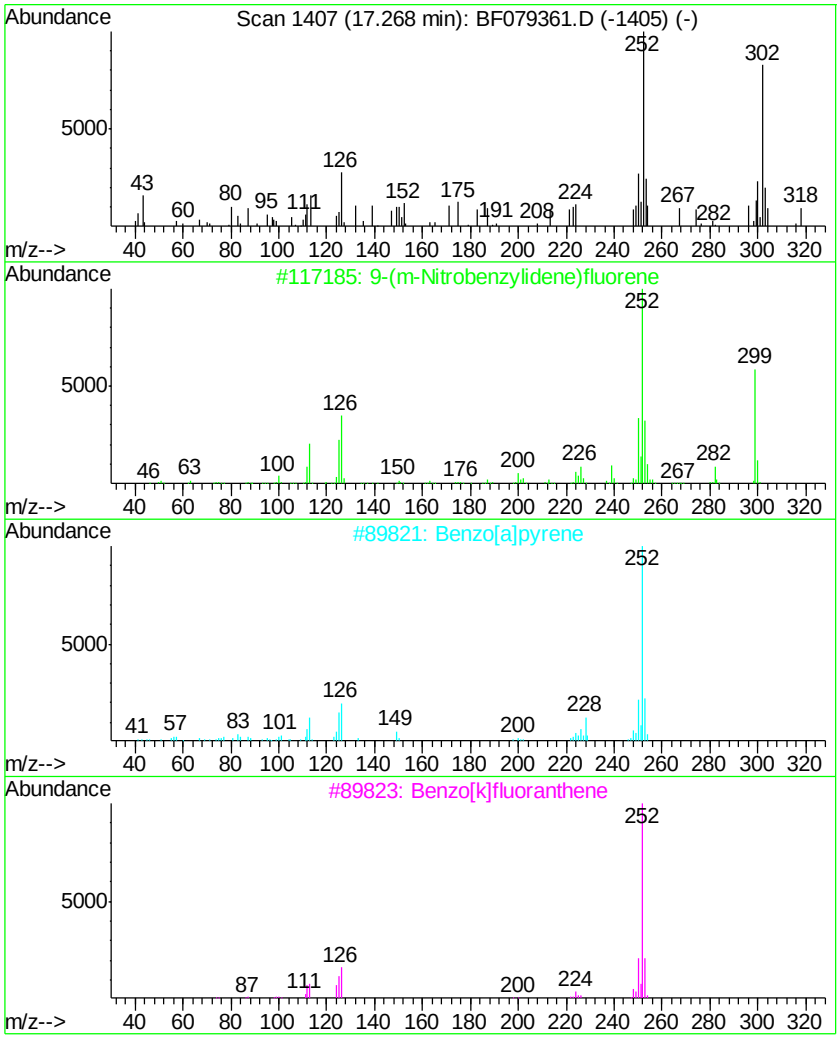
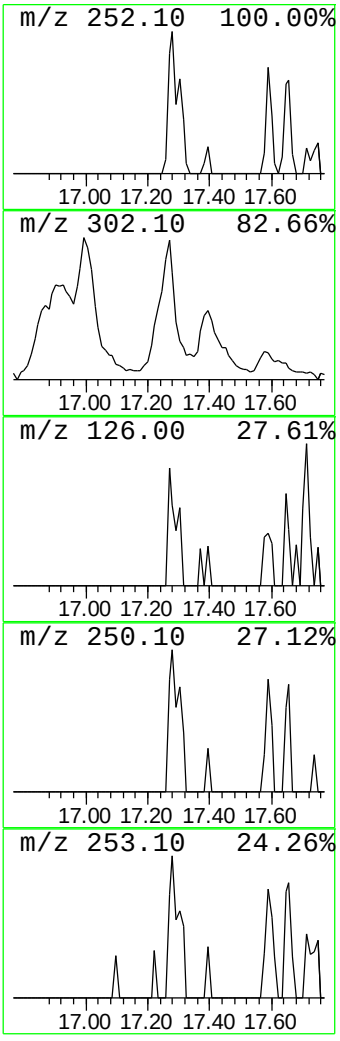
****

Peak Number 12 unknown17.27 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.27	2.97 ng	77642	Perylene-d12	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(m-Nitrobenzylidene)fluorene	299	C20H13NO2	004421-51-6	35
2	Benzo[a]pyrene	252	C20H12	000050-32-8	30
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	30
4	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	30
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	27





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
Butane, 2-methoxy...	1.55	35.3	ng	465780	1	7.13	263664	20.0
2-Pentanone, 4-hy...	4.88	7.1	ng	93918	1	7.13	263664	20.0
unknown6.83	6.83	74.6	ng	984026	1	7.13	263664	20.0
unknown9.63	9.63	4.5	ng	83154	2	8.71	368647	20.0
unknown10.26	10.26	3.9	ng	83579	3	10.87	427443	20.0
unknown11.25	11.25	4.8	ng	101884	3	10.87	427443	20.0
1-Nonadecanol	15.89	2.7	ng	71459	5	16.00	522704	20.0
unknown17.27	17.27	3.0	ng	77642	6	17.71	522844	20.0