LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079679.D
Acq On : 4 Jun 2015 1:07
Operator : TP/IZ
Sample : G2408-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17D

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-BF060315.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	20	rVB	17244508	23031216	100.00%	36.101%
2	2.261	93	94	109	rVB	156223	454161	1.97%	0.712%
3	2.490	109	114	117	rBV	5598477	8735616	37.93%	13.693%
4	2.947	151	154	158	rVB	309579	447982	1.95%	0.702%
5	6.136	431	433	435	rBV	3001444	2565075	11.14%	4.021%
6	7.107	516	518	521	rBV	2646622	2477672	10.76%	3.884%
7	7.290	531	534	536	rBV	2225316	2649579	11.50%	4.153%
8	7.519	552	554	556	rVB	596731	481675	2.09%	0.755%
9	7.679	566	568	570	rBV	2401748	1966725	8.54%	3.083%
10	8.079	600	603	605	rBV	1052327	1406745	6.11%	2.205%
11	8.810	665	667	671	rVB	779557	694735	3.02%	1.089%
12	9.885	759	761	764	rVB	3438659	3002937	13.04%	4.707%
13	10.273	793	795	797	rBV	368164	335084	1.45%	0.525%
14	10.593	821	823	824	rBV	756214	747687	3.25%	1.172%
15	11.382	890	892	895	rBV	1890640	1742957	7.57%	2.732%
16	12.102	953	955	956	rBV	847651	931428	4.04%	1.460%
17	12.125	956	957	959	rVV	1269696	935037	4.06%	1.466%
18	12.182	959	962	963	rVB	153529	237120	1.03%	0.372%
19	12.742	1008	1011	1016	rBV2	171041	335649	1.46%	0.526%
20	13.371	1064	1066	1068	rBV	778984	1094974	4.75%	1.716%
21	13.634	1084	1089	1091	rBV	969474	1190743	5.17%	1.866%
22	13.771	1098	1101	1103	rBV	3849922	3578515	15.54%	5.609%
23	13.931	1113	1115	1117	rBV	243067	252436	1.10%	0.396%
24	15.028	1208	1211	1213	rBV2	892653	1548173	6.72%	2.427%
25	15.062	1213	1214	1219	rVB	374131	330652	1.44%	0.518%
26	16.388	1327	1330	1336	rBV	266540	724069	3.14%	1.135%
27	16.800	1364	1366	1370	rVB	170179	293862	1.28%	0.461%
28	16.891	1371	1374	1378	rBV	252528	440090	1.91%	0.690%
29	16.971	1378	1381	1384	rBV	527669	889267	3.86%	1.394%
30	18.983	1554	1557	1563	rVB2	97605	274015	1.19%	0.430%

Sum of corrected areas: 63795876

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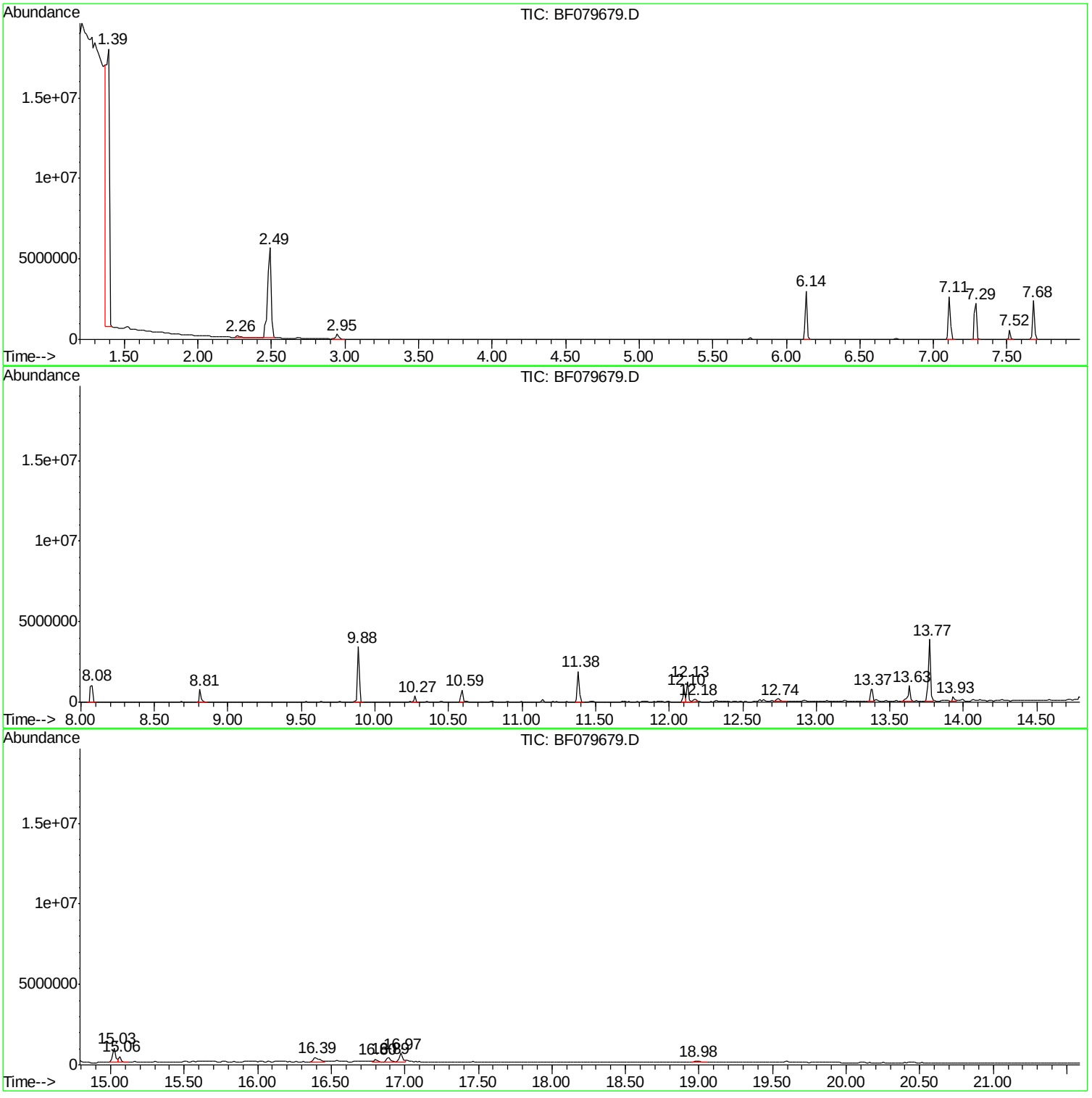
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-17D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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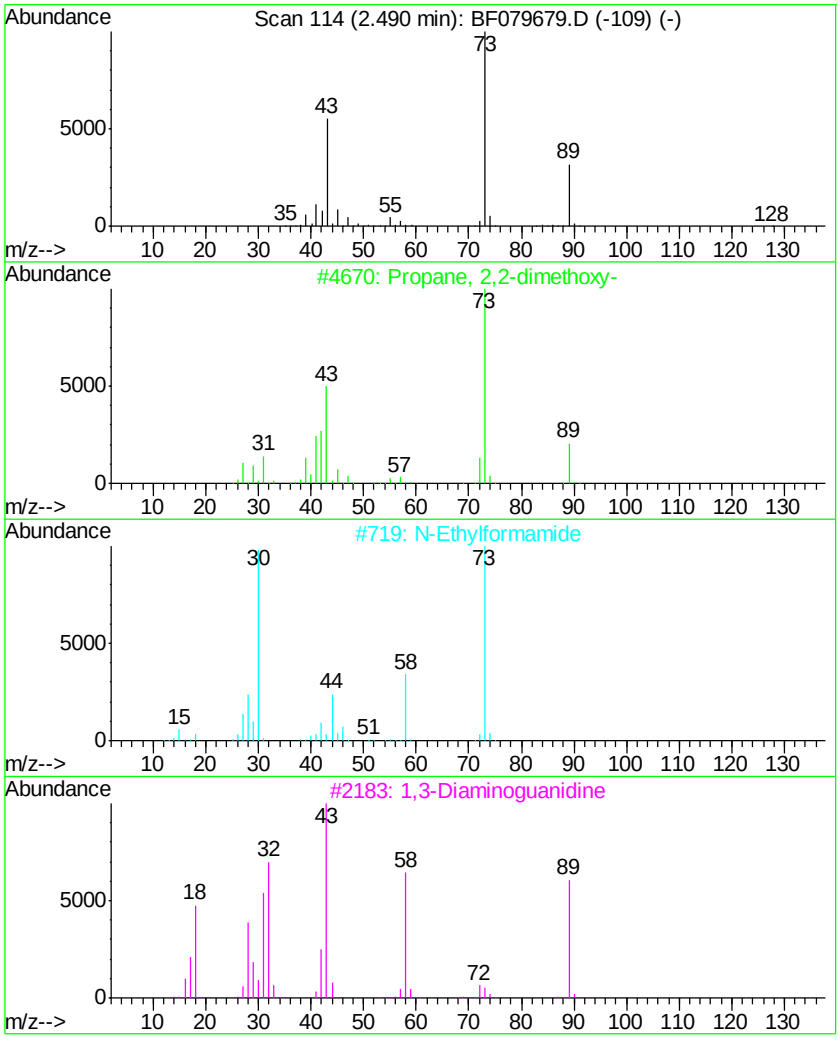
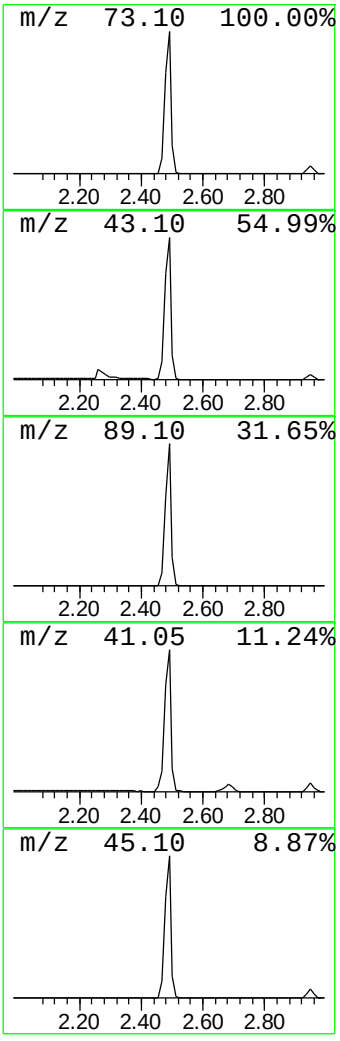
Peak Number 3 Propane, 2,2-dimethoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.49	362.72 ng	8735620	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Operator : TP/IZ
Sample : G2408-19
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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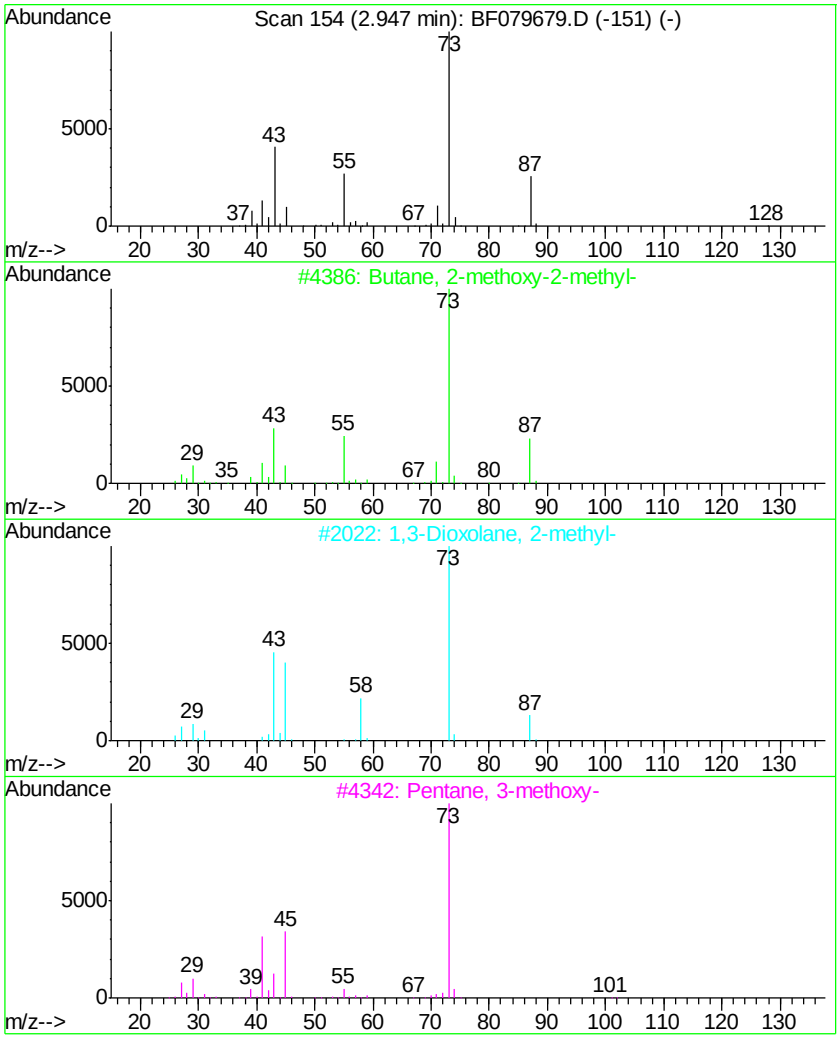
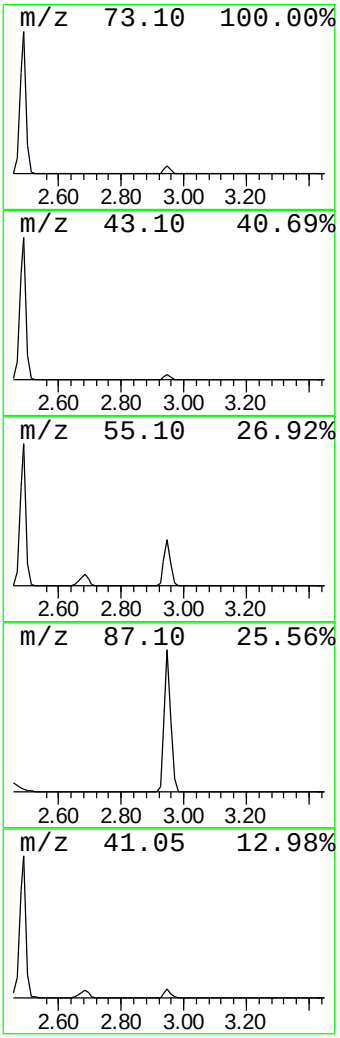
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	18.60 ng	447982	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17D

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060315.M
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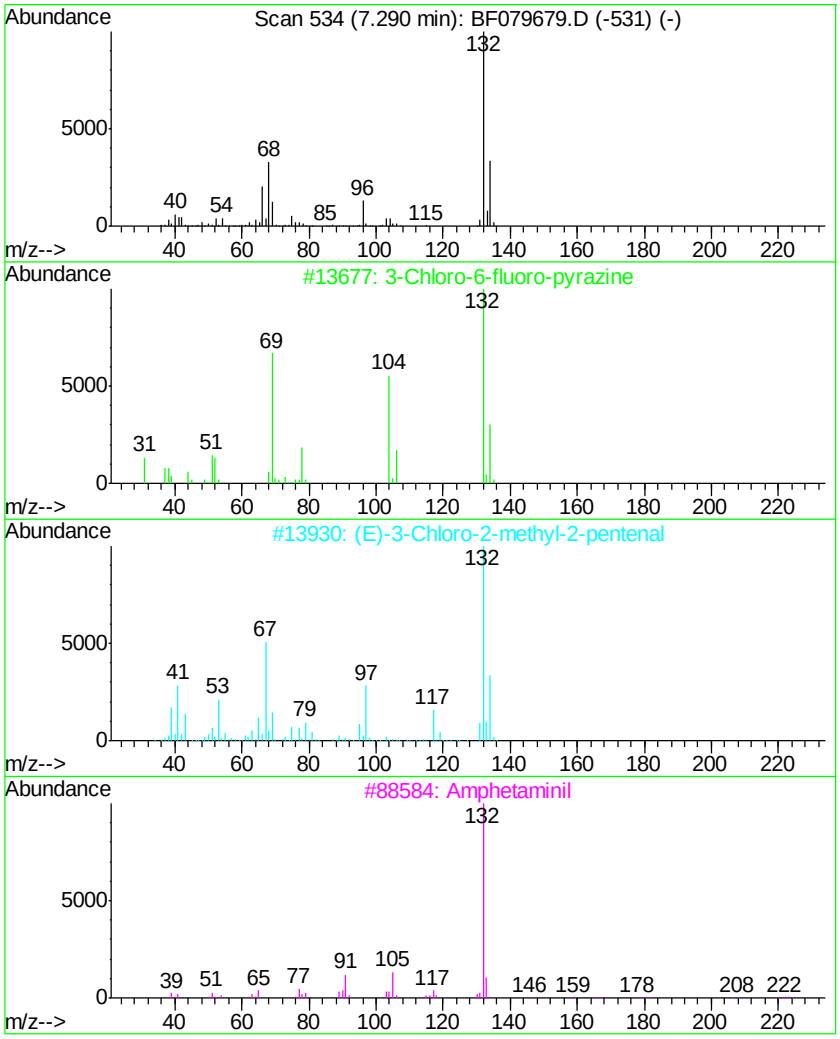
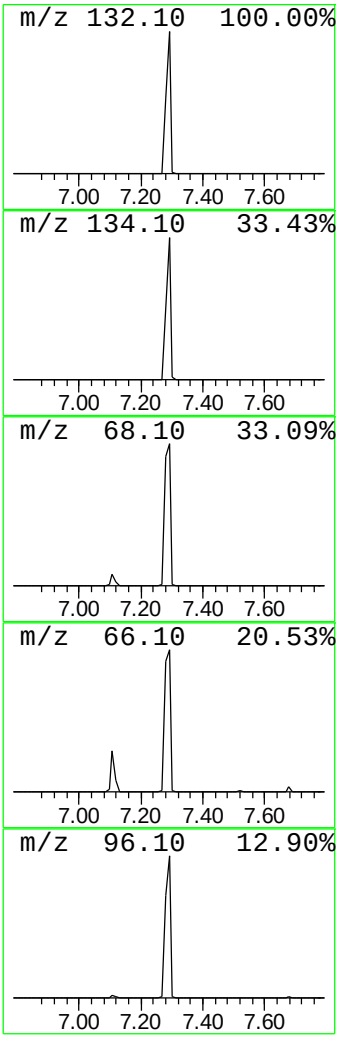
Peak Number 5 unknown7.29 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	110.02 ng	2649580	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Xenon	132	Xe	007440-63-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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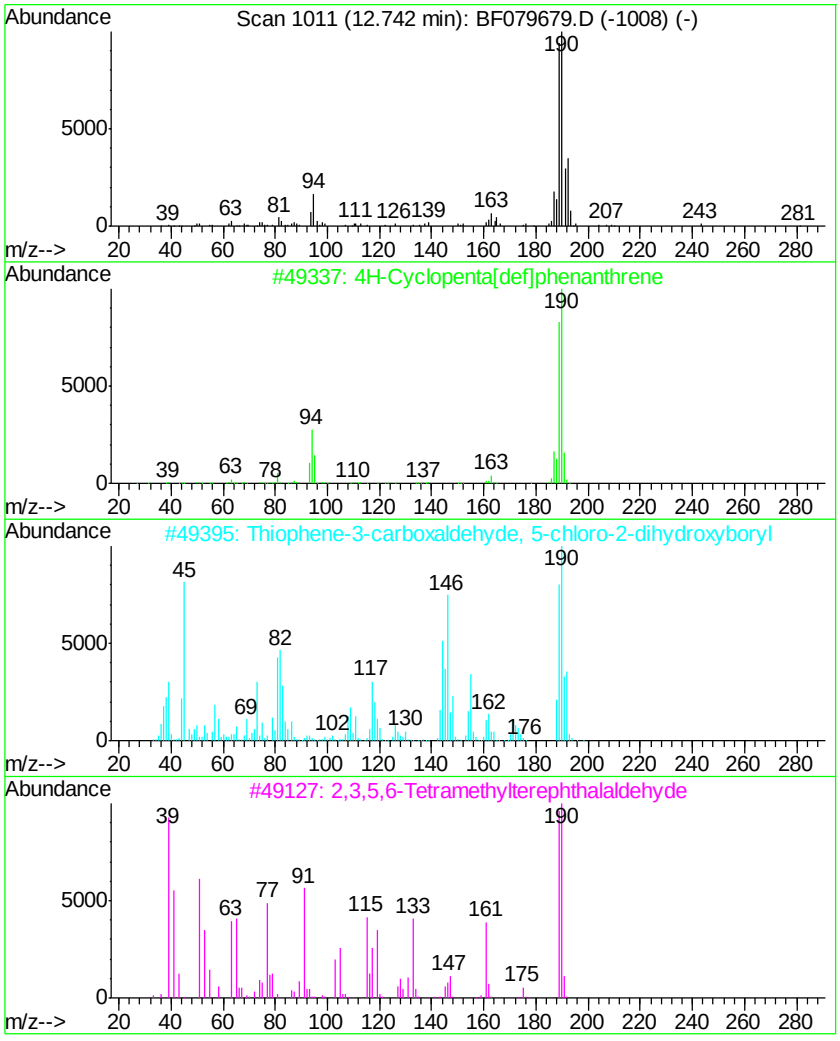
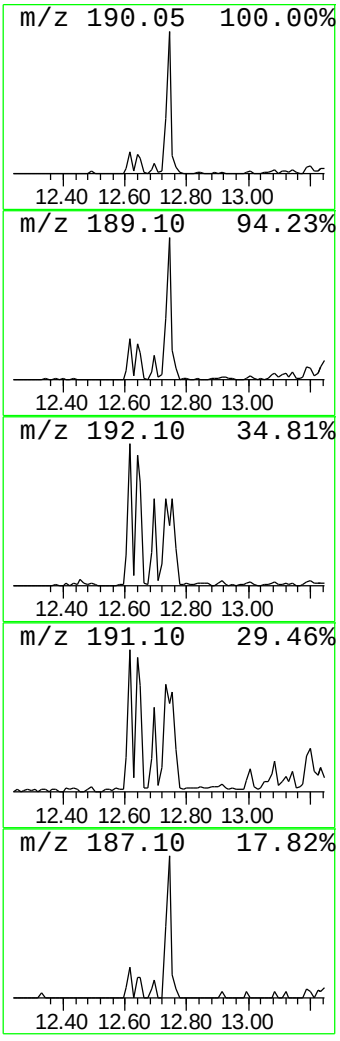
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	7.21 ng	335649	Phenanthrene-d10	12.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	23





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Instrument : BNA_F
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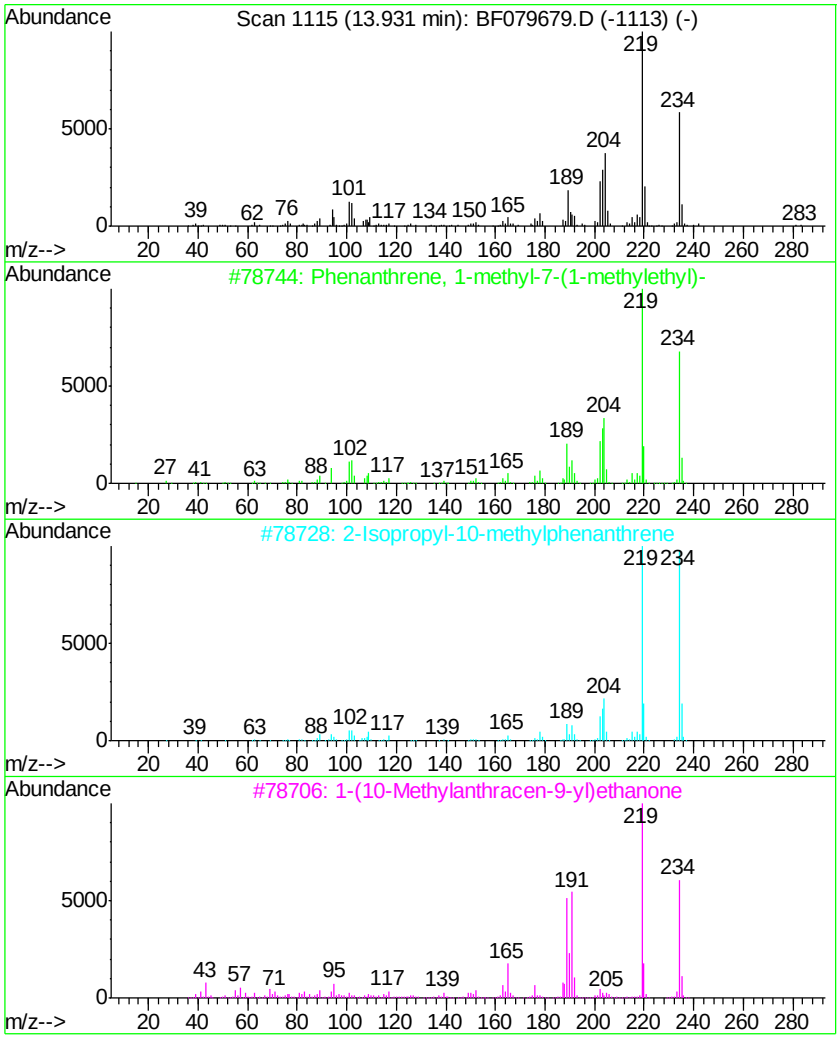
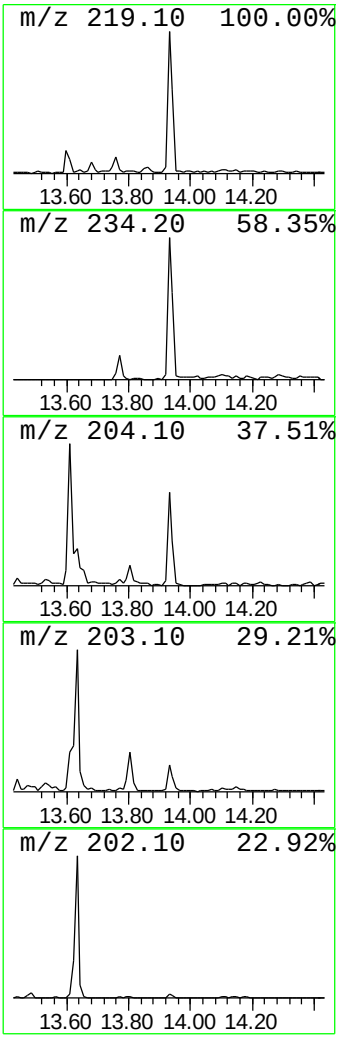
Peak Number 8 Phenanthrene, 1-methyl-7-(1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.26 ng	252436	Chrysene-d12	15.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	96
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
4	Phenanthrene, 3,4,5,6-tetramethyl-	234	C18H18	007343-06-8	53
5	Benzene, 1-[(4-ethylphenyl)ethyn...	248	C19H20	102225-55-8	53





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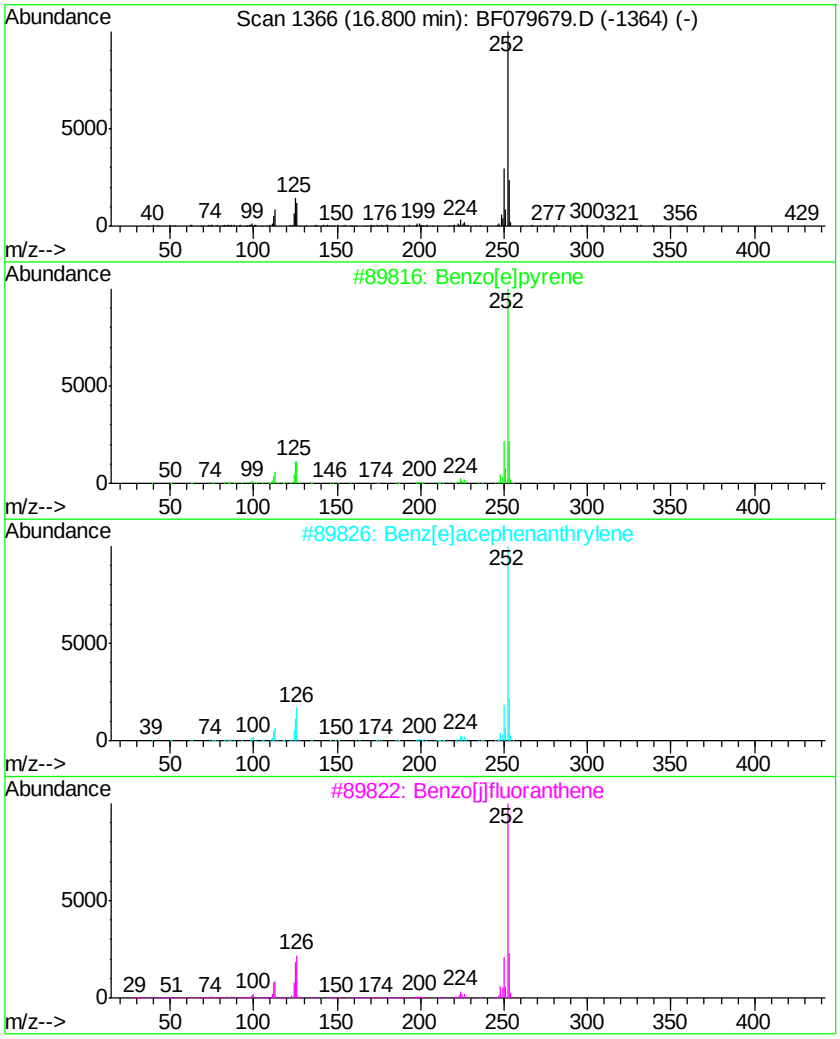
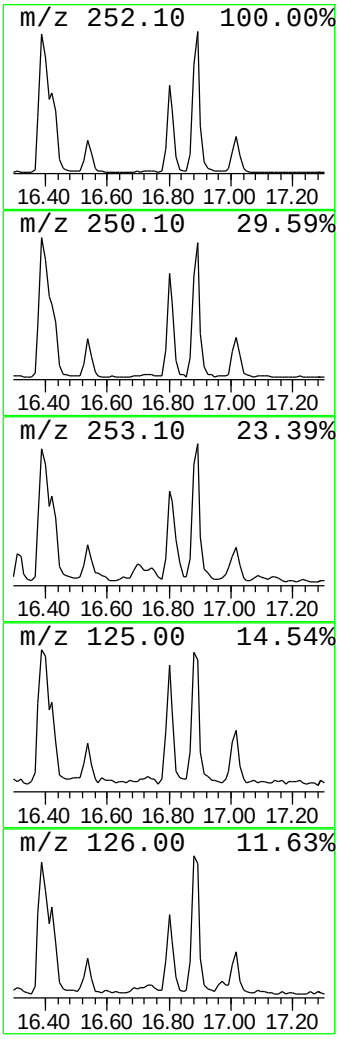
Peak Number 9 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	6.61 ng	293862	Perylene-d12	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	2.49	362.7	ng	8735620	1	7.52	481675	20.0
Butane, 2-methoxy...	2.95	18.6	ng	447982	1	7.52	481675	20.0
unknown7.29	7.29	110.0	ng	2649580	1	7.52	481675	20.0
4H-Cyclopenta[def...	12.74	7.2	ng	335649	4	12.10	931428	20.0
Phenanthrene, 1-m...	13.93	3.3	ng	252436	5	15.03	1548170	20.0
Benzo[e]pyrene	16.80	6.6	ng	293862	6	16.97	889267	20.0