

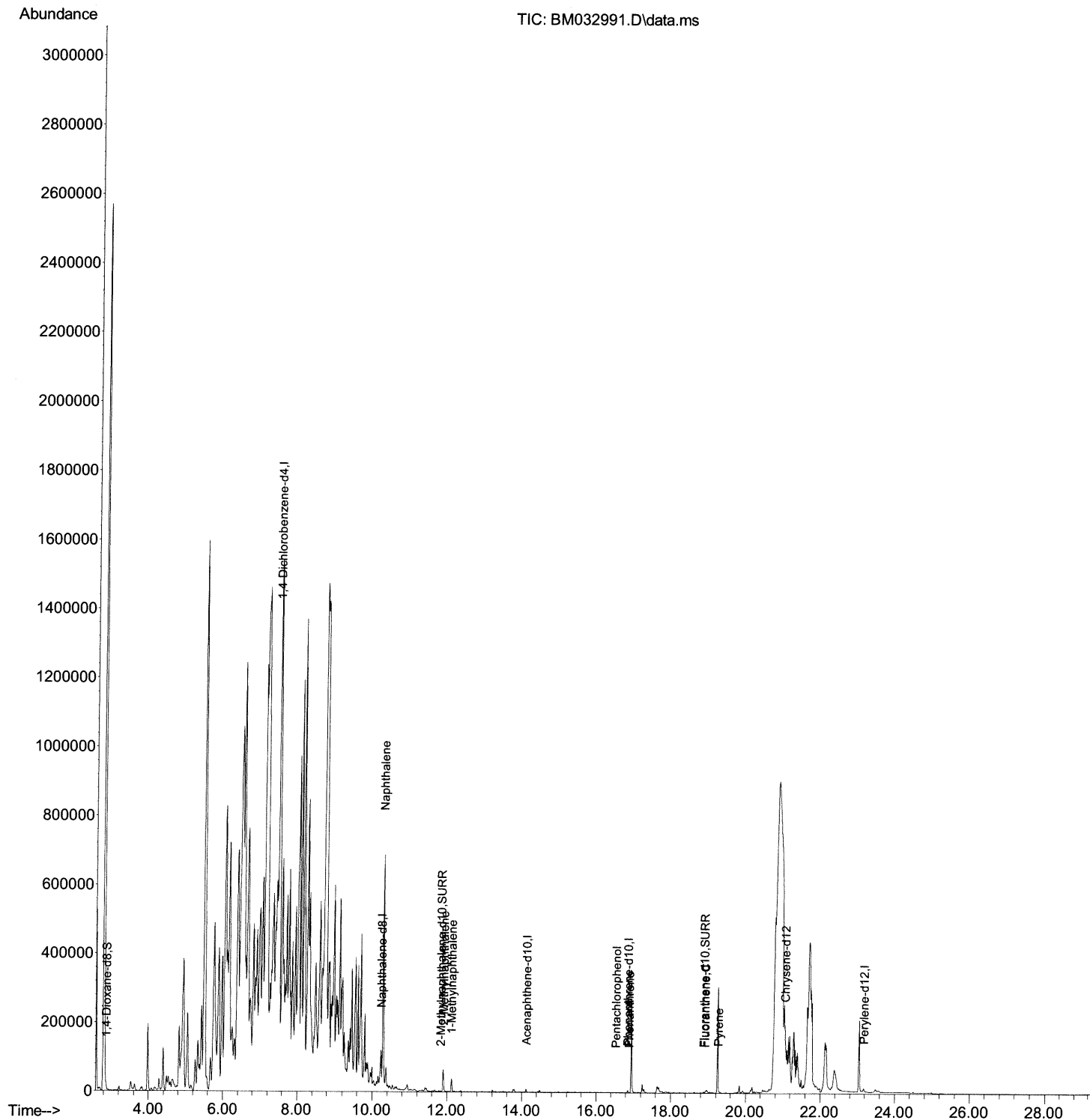
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032991.D
Acq On : 11 Nov 2021 14:55
Operator : CG/JU
Sample : M4615-02
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:40:18 2021
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/17/2021



Quantitation Report (Qedit)

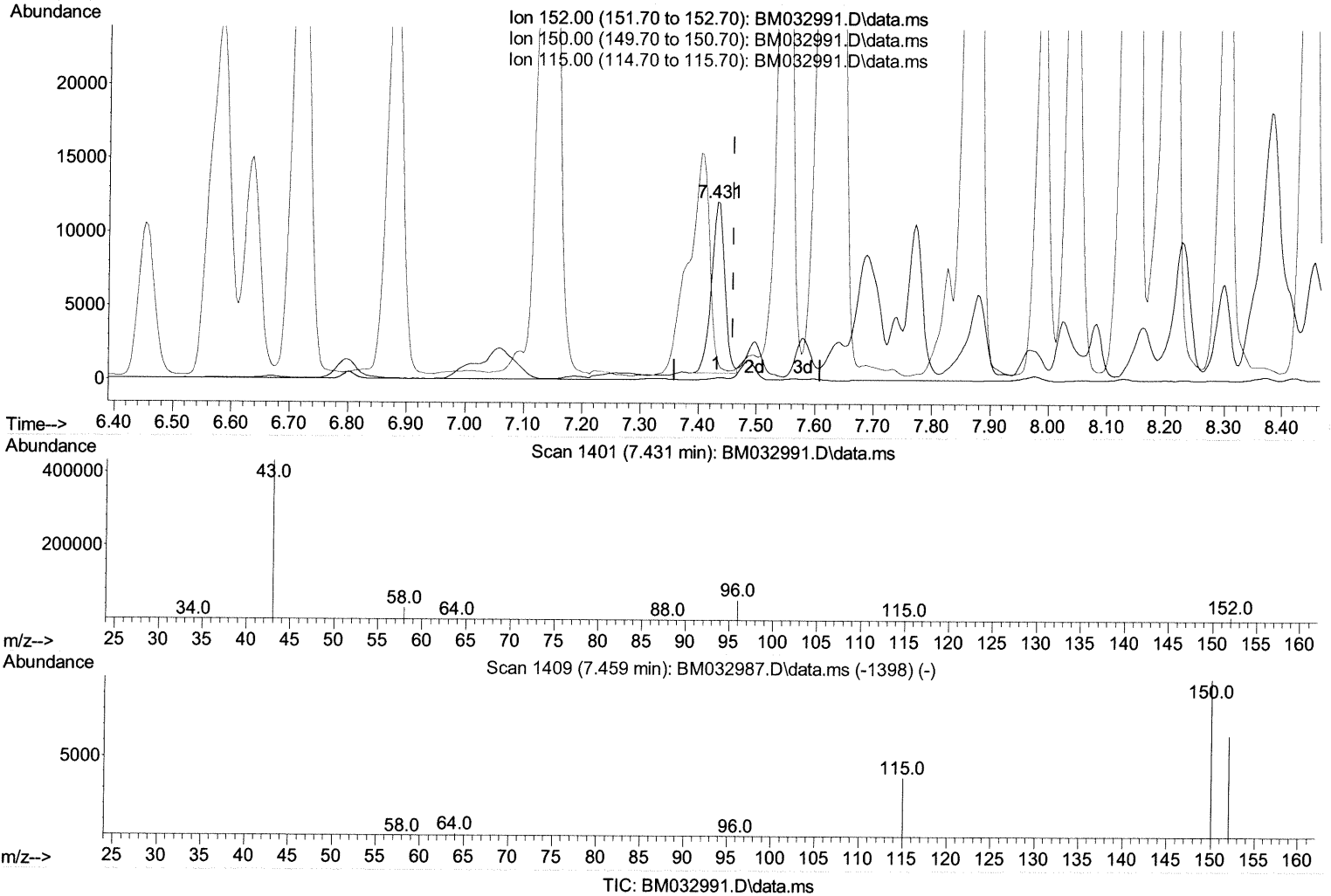
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032991.D
Acq On : 11 Nov 2021 14:55
Operator : CG/JU
Sample : M4615-02
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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(1) 1,4-Dichlorobenzene-d4 (I)

7.431min (-0.028) 0.40 ng/ul

response 18520

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	149.00	1.54#
115.00	63.30	13.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

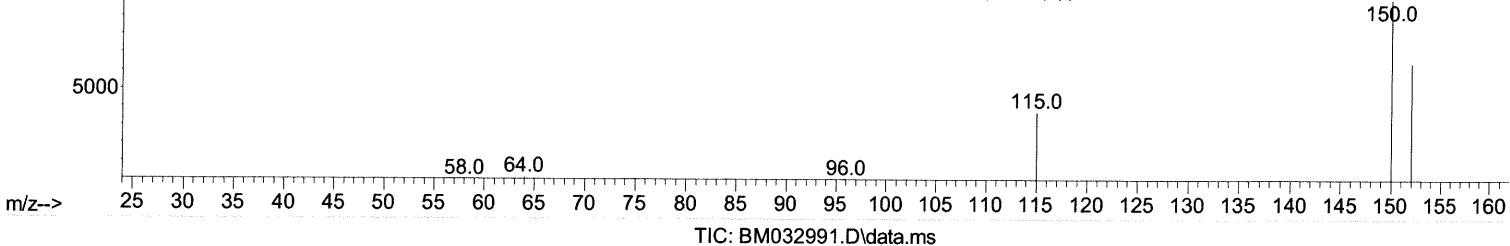
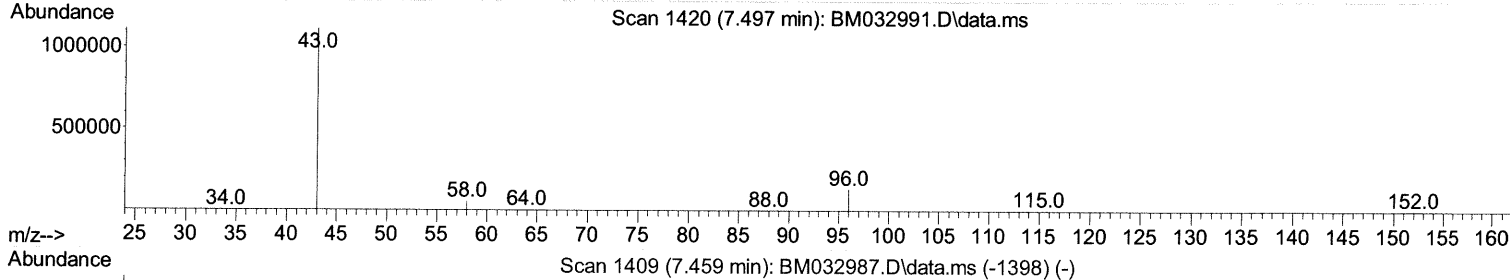
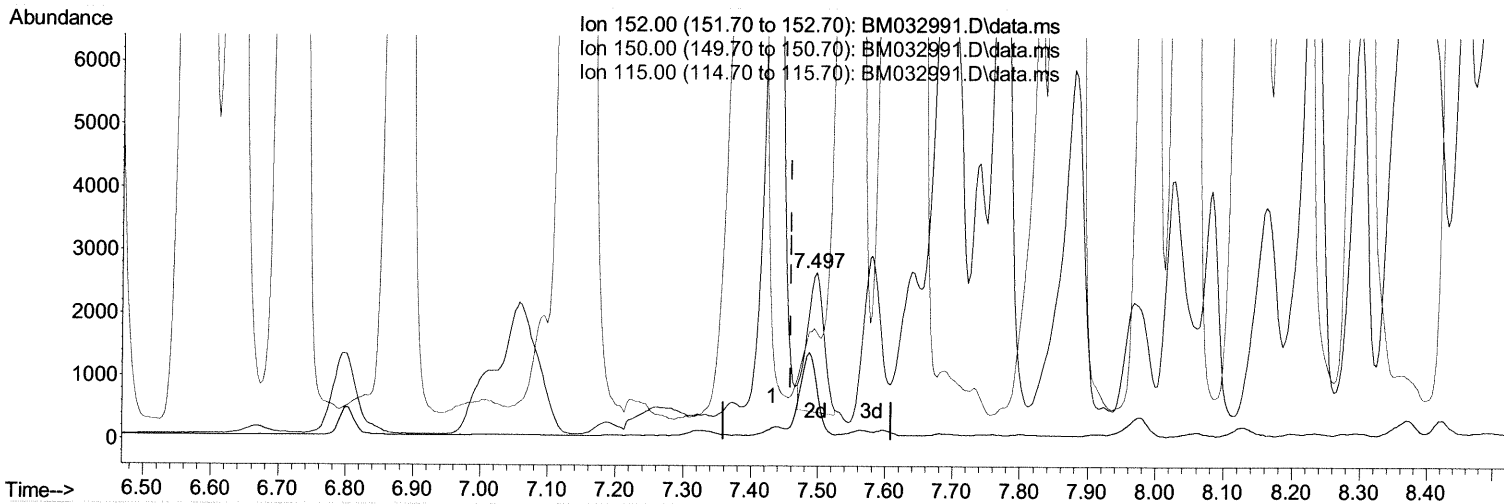
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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(1) 1,4-Dichlorobenzene-d4 (I)

7.497min (+ 0.038) 0.40 ng/ul m 11/13/21 JU

response 3847

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	149.00	33.56#
115.00	63.30	64.45
0.00	0.00	0.00

Quantitation Report (Qedit)

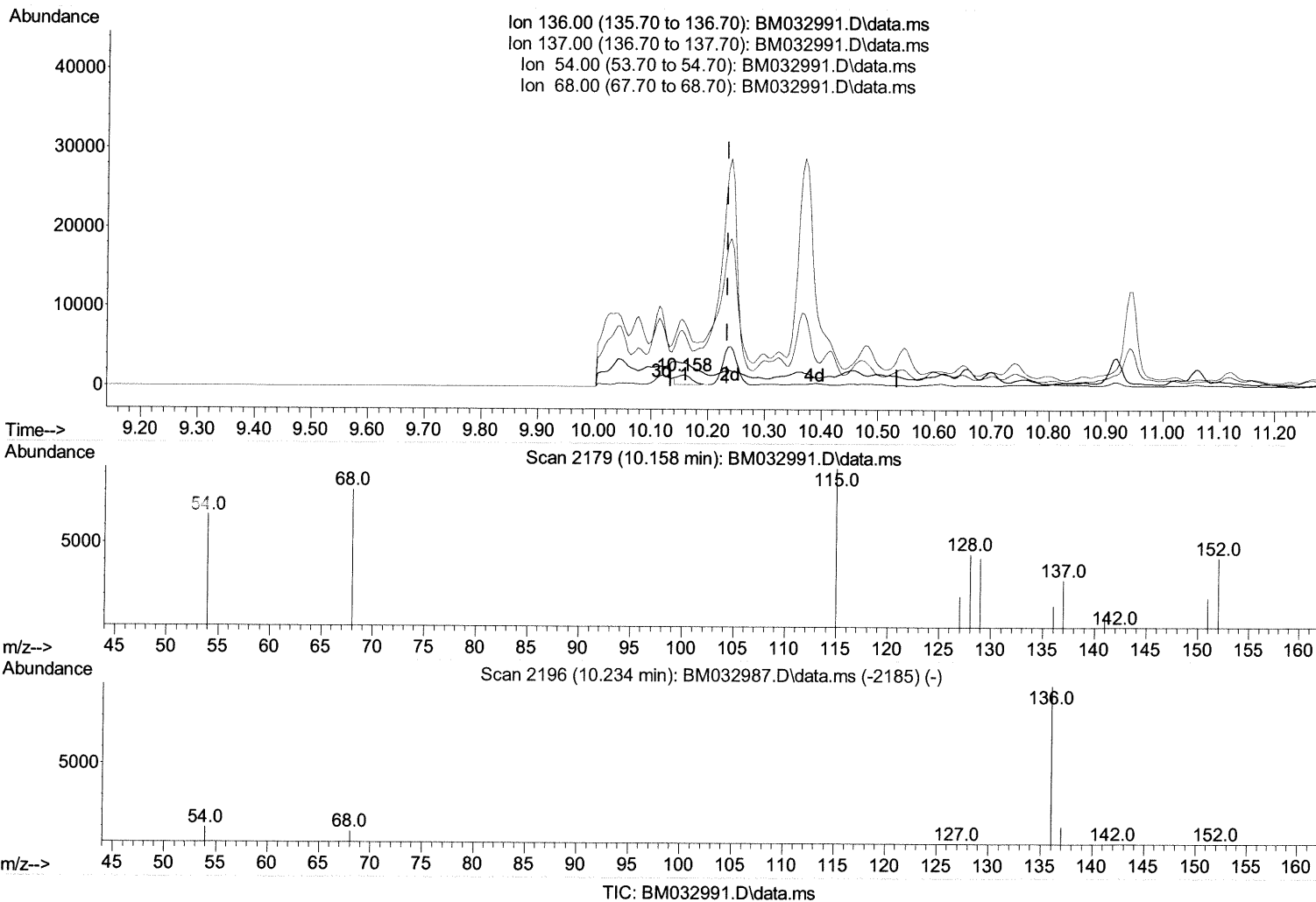
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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(4) Naphthalene-d8 (I)

10.158min (-0.075) 0.40 ng/ul

response 2099

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.10	204.47#
54.00	10.80	461.48#
68.00	8.40	562.74#

Quantitation Report (Qedit)

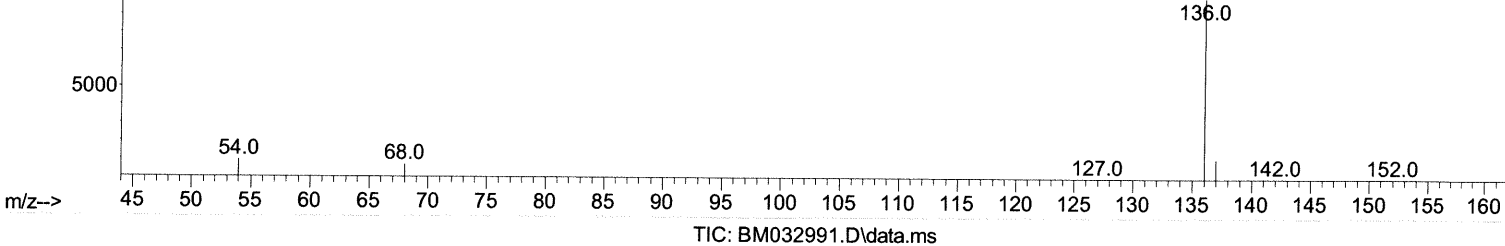
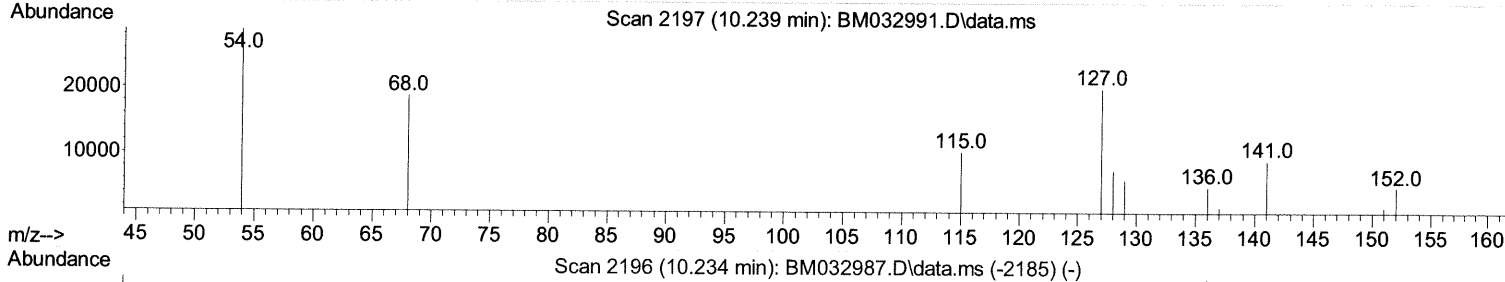
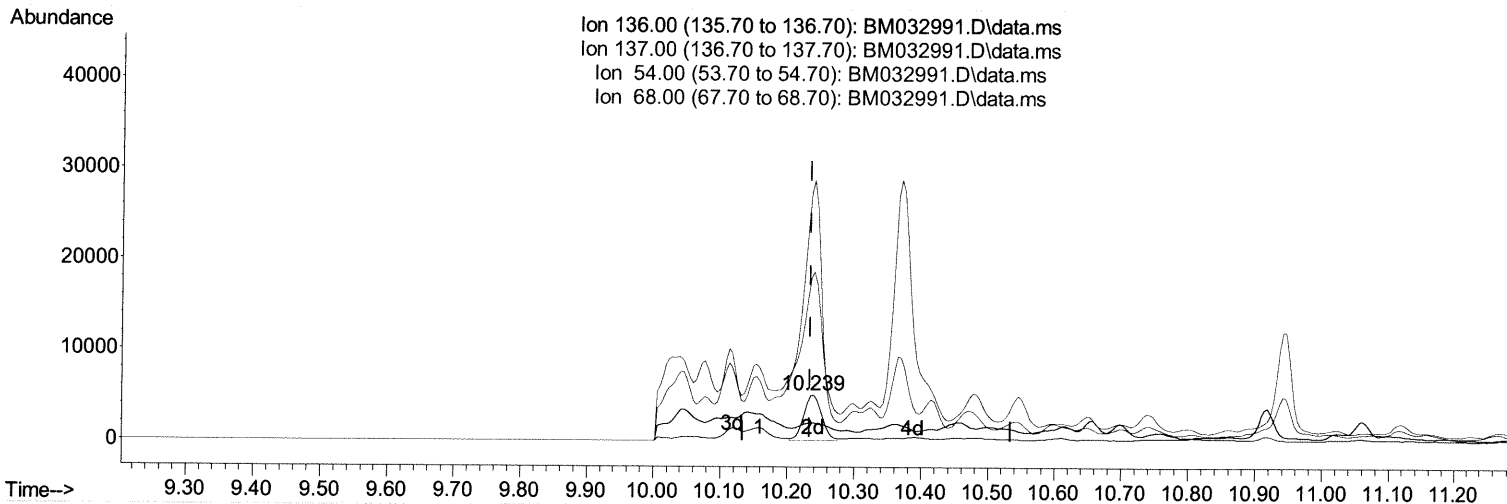
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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 Supervised By :mohammad ahmed 11/17/2021



(4) Naphthalene-d8 (I)

10.239min (+ 0.006) 0.40 ng/ul m

11/13/21 JU

response 9302

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.10	39.07#
54.00	10.80	566.30#
68.00	8.40	368.03#

Quantitation Report (Qedit)

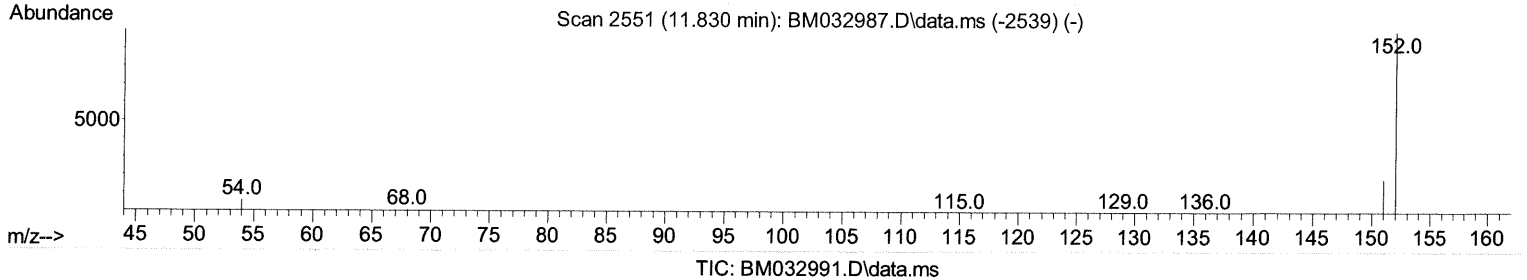
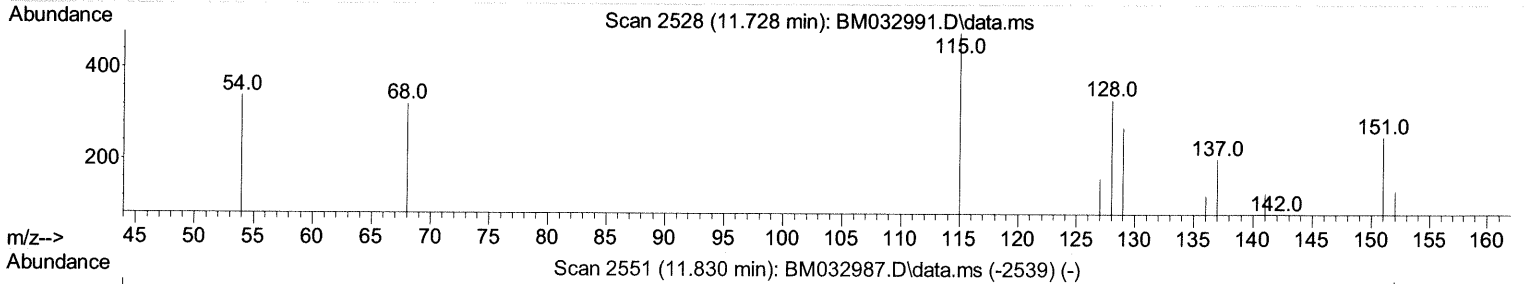
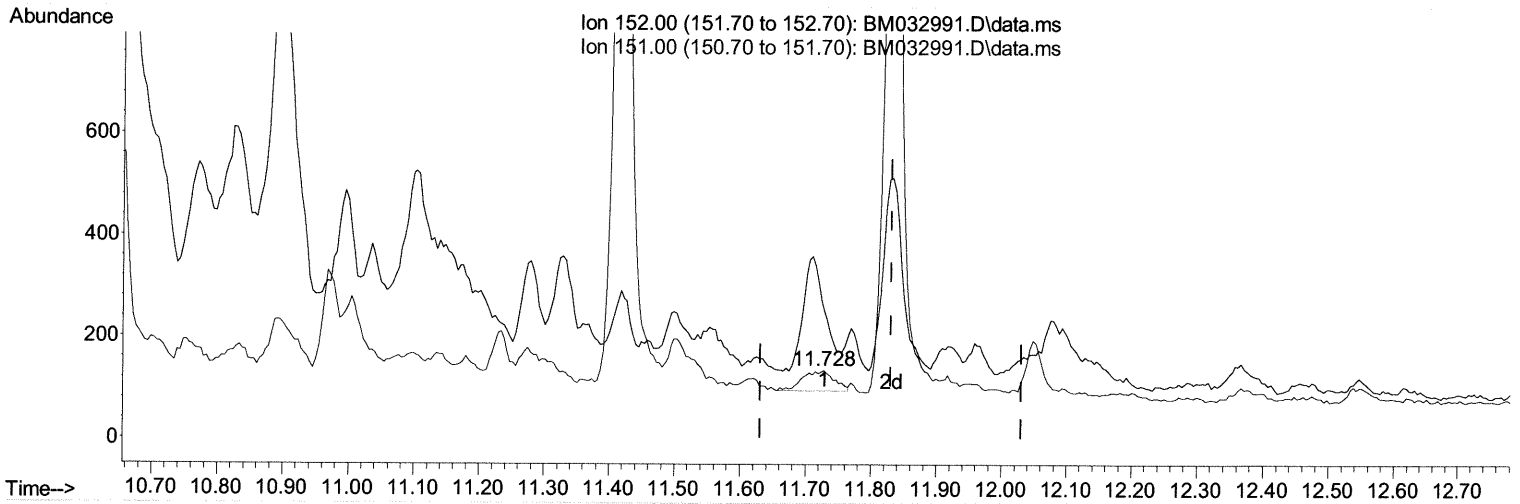
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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TIC: BM032991.D\data.ms

(6) 2-Methylnaphthalene-d10 (SURR)

11.728min (-0.102) 0.01 ng/ul

response	135	
Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.80	390.37#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

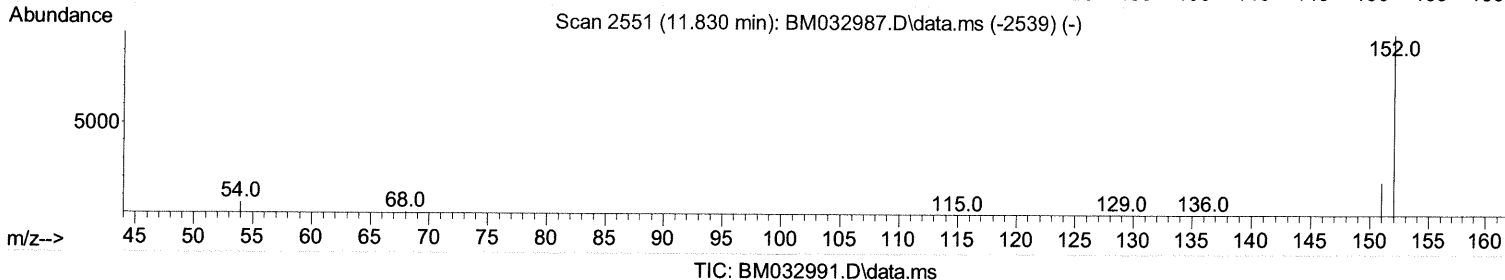
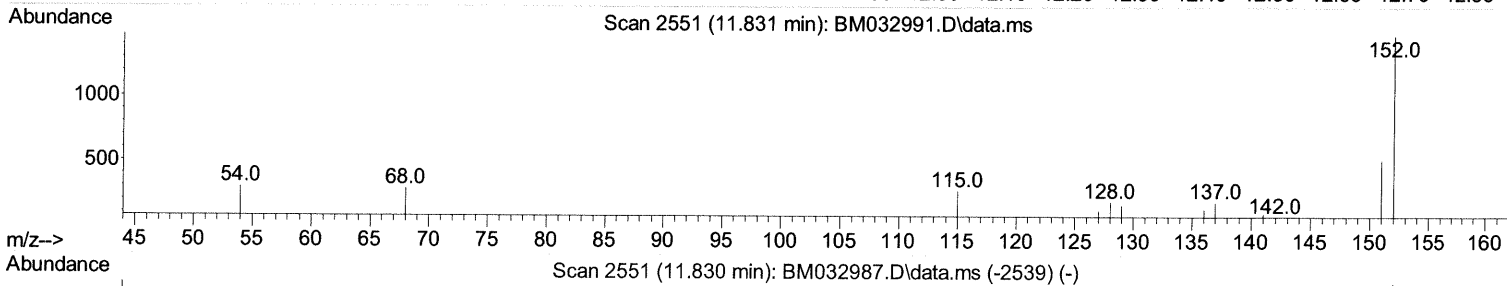
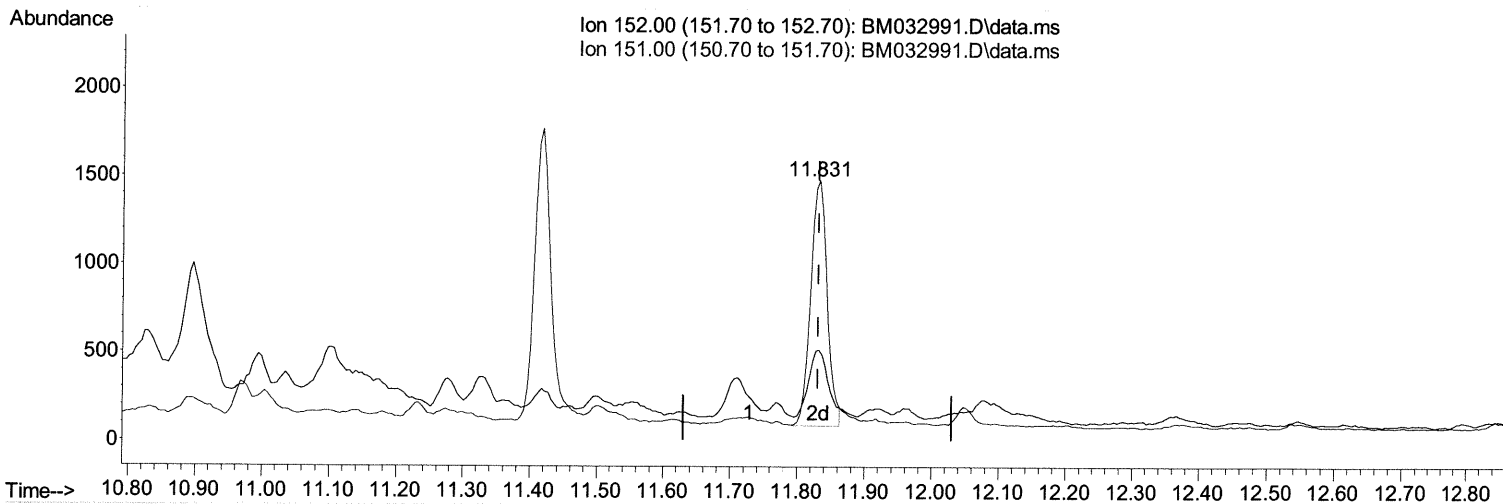
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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(6) 2-Methylnaphthalene-d10 (SURR)

11.831min (+ 0.001) 0.18 ng/ul m

11/13/21 JU

response 2389

Ion	Exp%	Act%
152.00	100.00	100.00
151.00	20.80	22.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

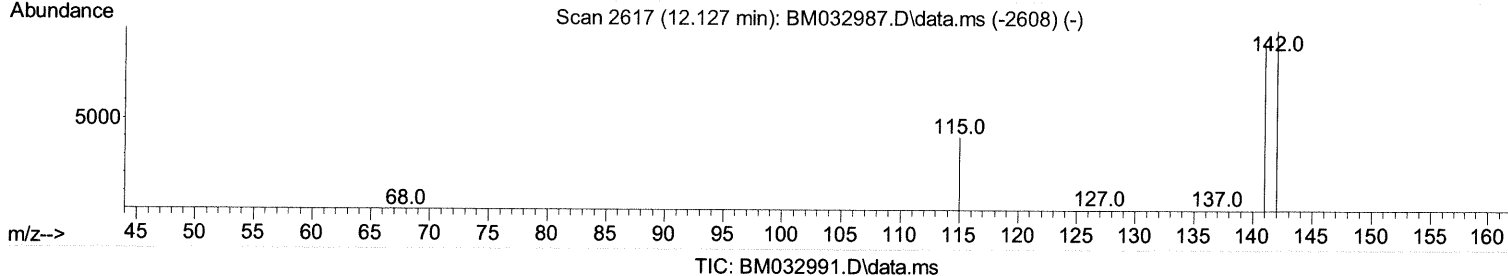
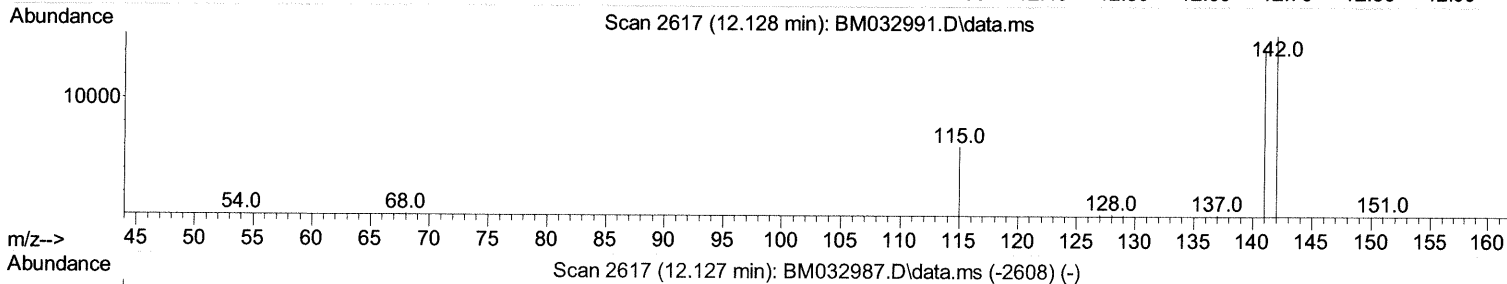
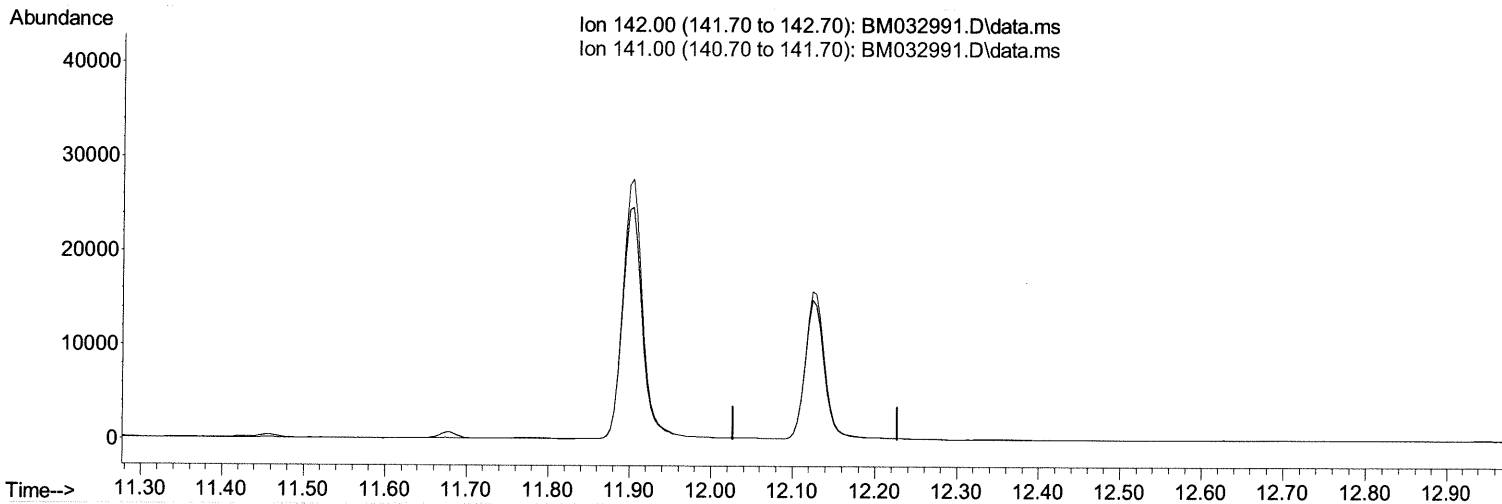
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

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(8) 1-Methylnaphthalene

12.127min (-12.127) 0.00 ng/ul

response 0

Ion	Exp%	Act%
142.00	100.00	0.00
141.00	93.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

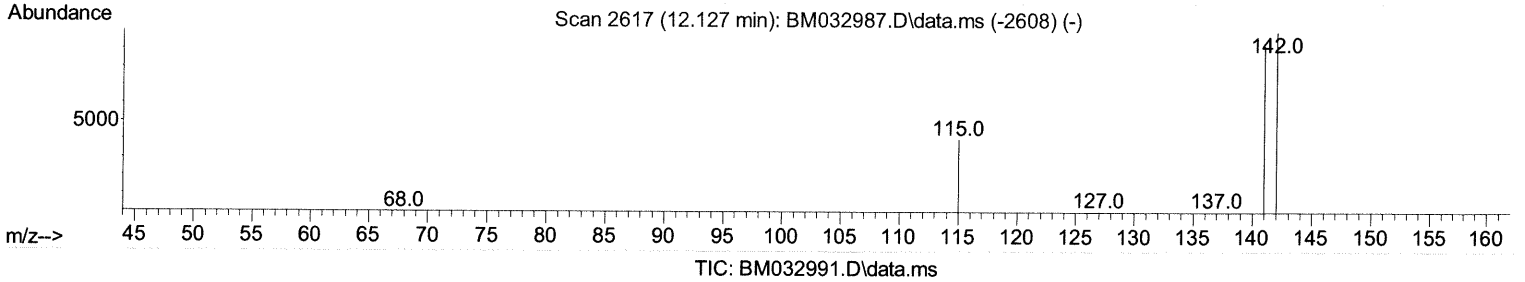
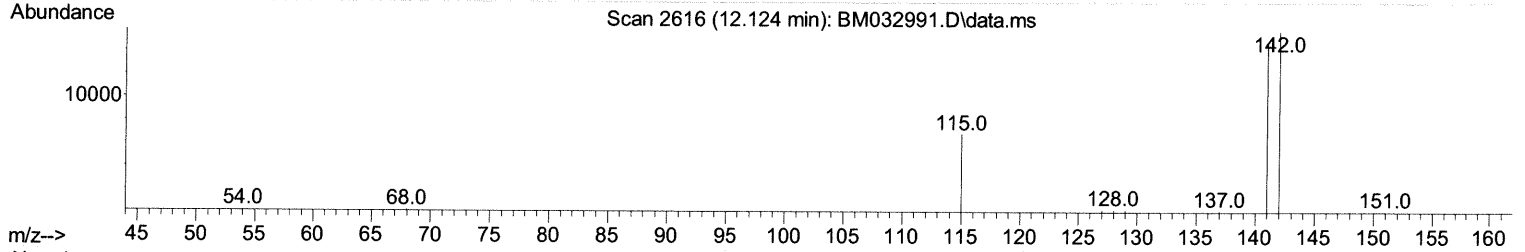
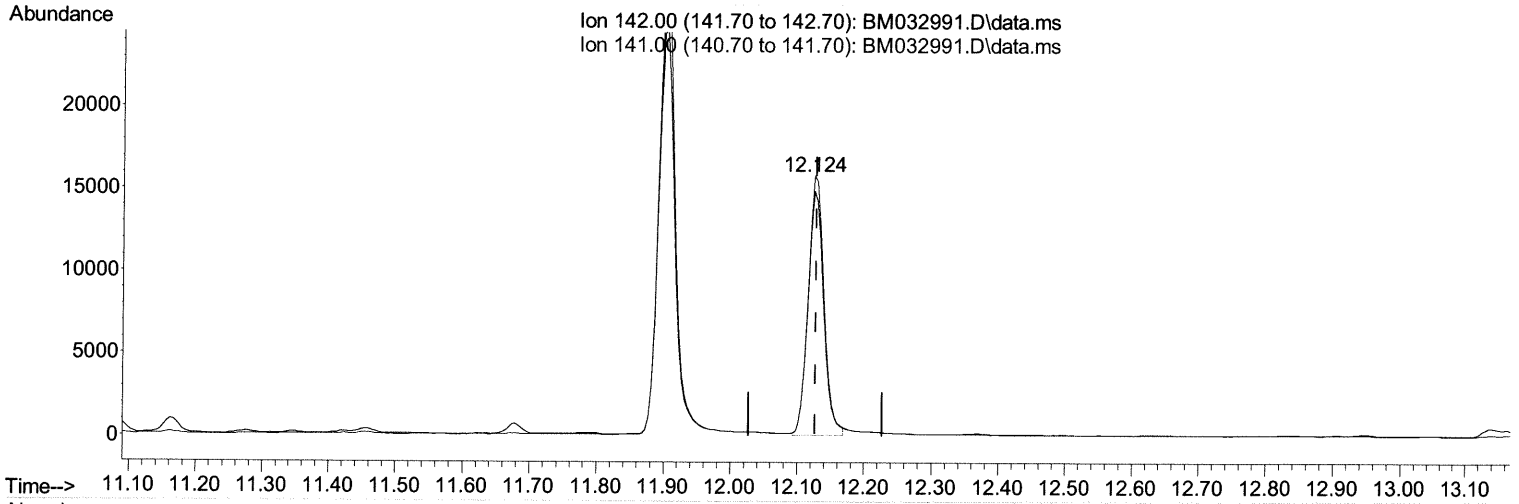
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(8) 1-Methylnaphthalene

12.124min (-0.003) 1.40 ng/ul m 11/3/21 JU

response 25596

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	93.10	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

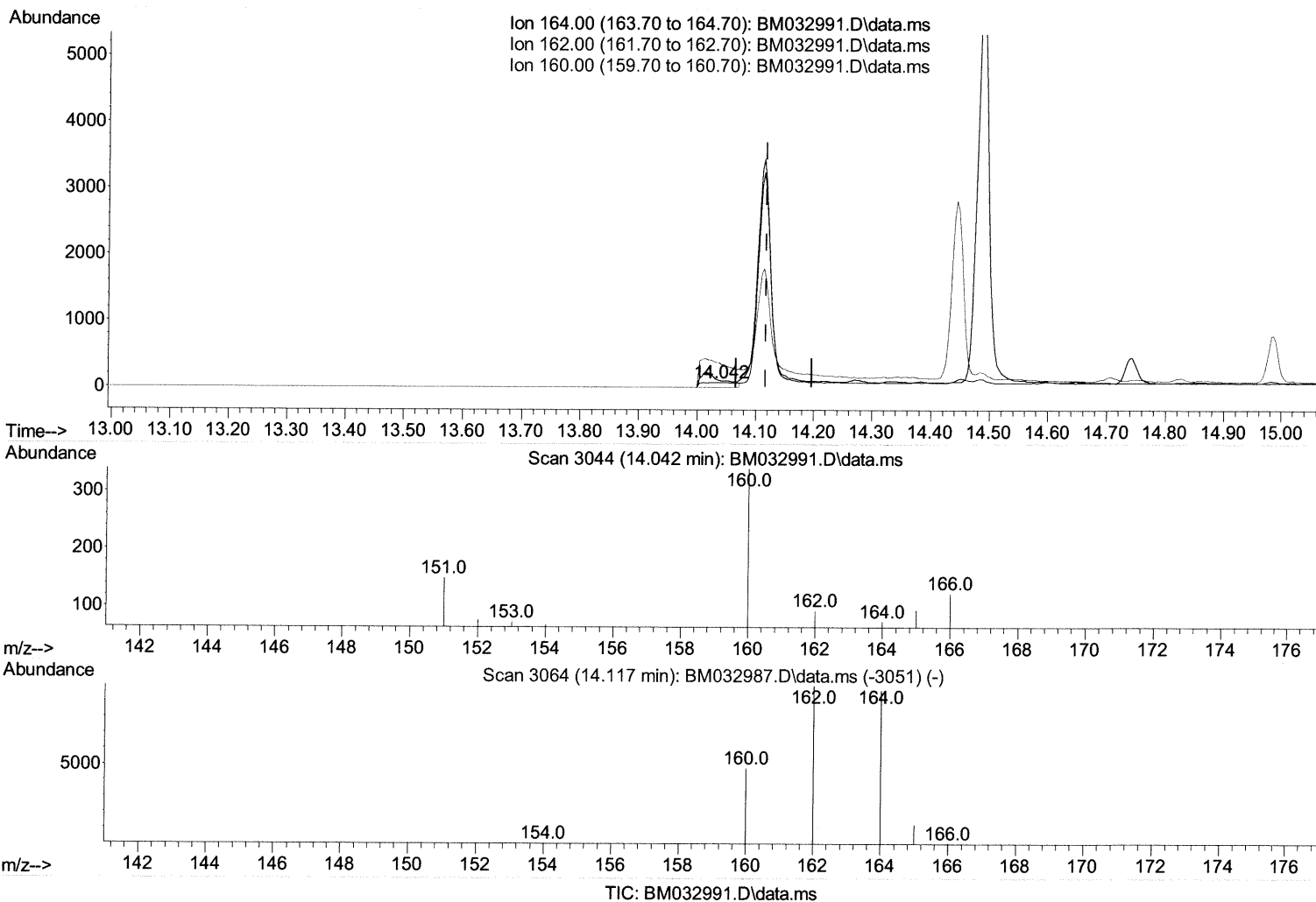
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032991.D
Acq On : 11 Nov 2021 14:55
Operator : CG/JU
Sample : M4615-02
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
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(9) Acenaphthene-d10 (I)

14.042min (-0.075) 0.40 ng/ul

response 298

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	105.00	125.68
160.00	49.10	458.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

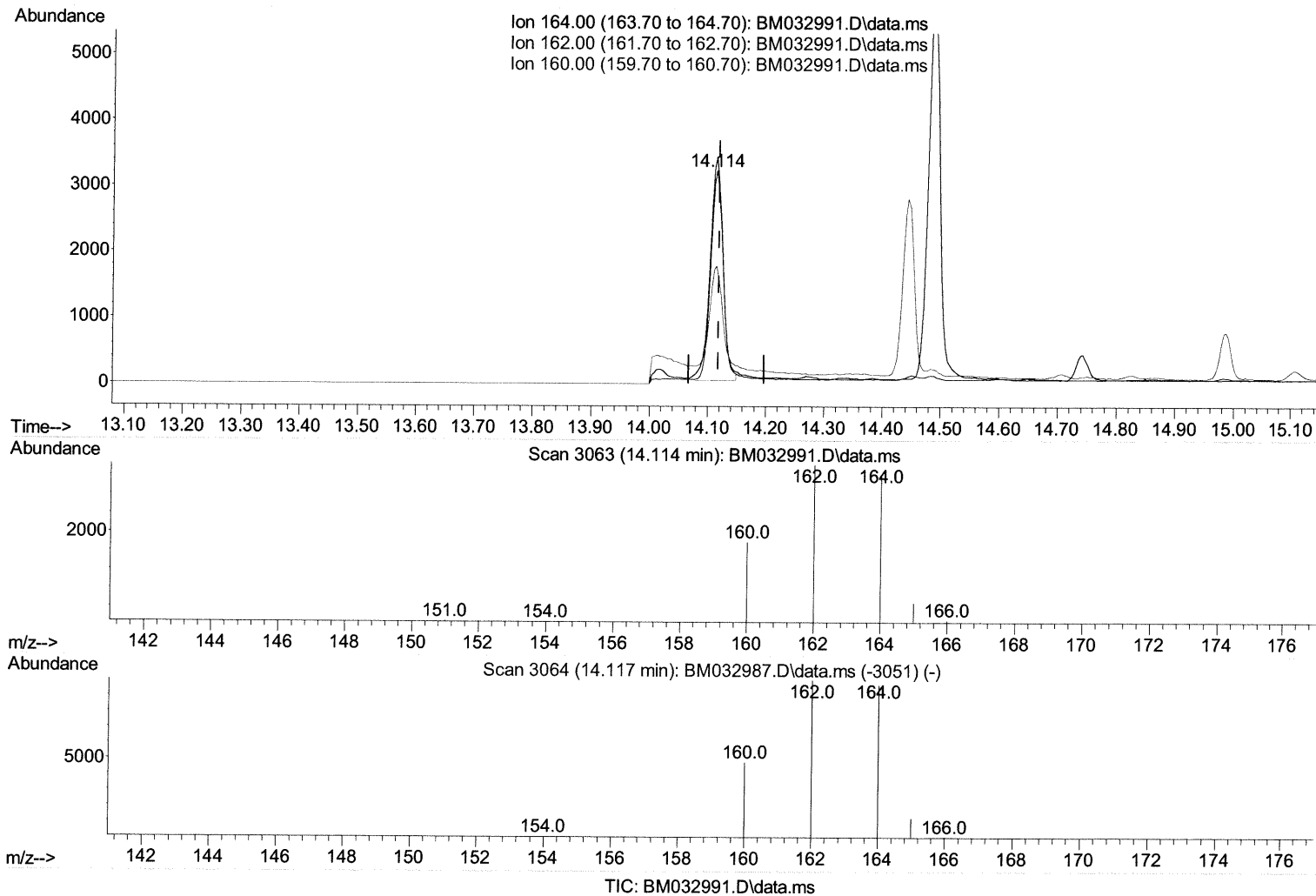
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
Data File : BM032991.D
Acq On : 11 Nov 2021 14:55
Operator : CG/JU
Sample : M4615-02
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0V01

Manual IntegrationsAPPROVED

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
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(9) Acenaphthene-d10 (I)

14.114min (-0.003) 0.40 ng/ul m 11/13/21 JU

response 4718

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	105.00	106.27
160.00	49.10	55.34
0.00	0.00	0.00

Quantitation Report (Qedit)

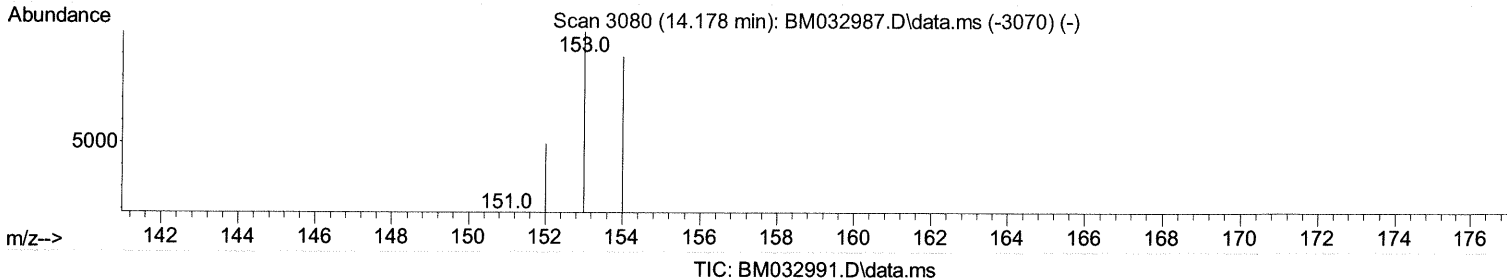
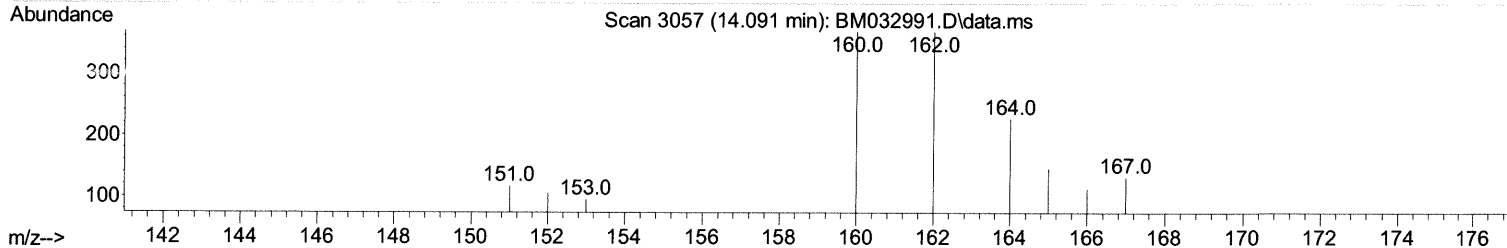
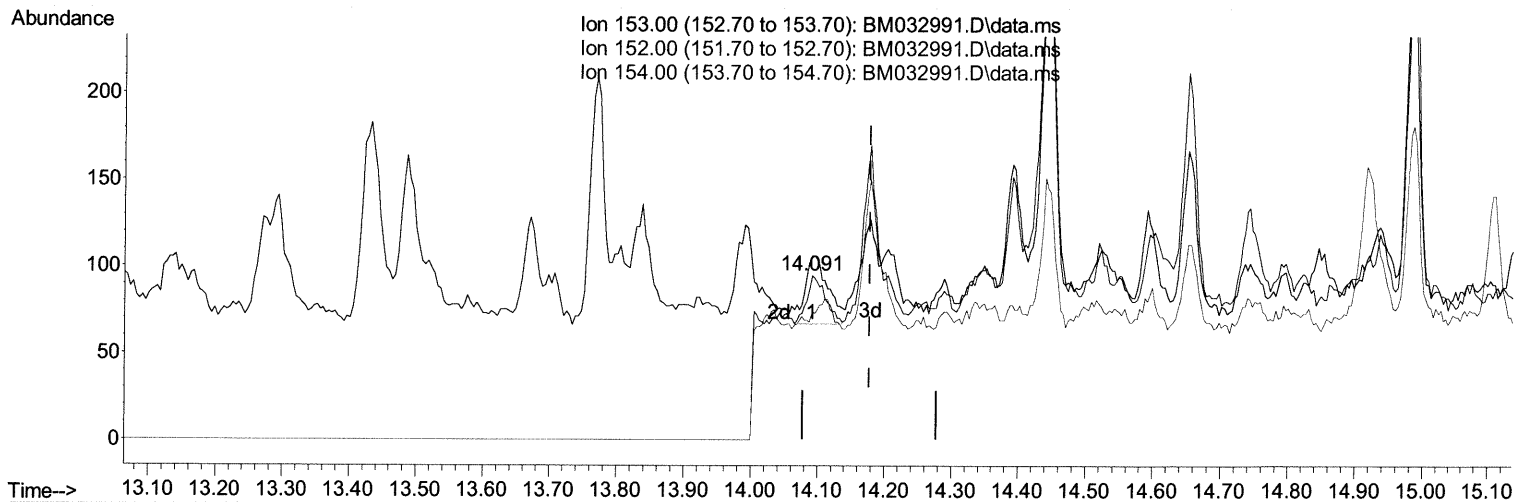
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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(11) Acenaphthene (C)

14.091min (-0.087) 0.00 ng/ul

response 53

Ion	Exp%	Act%
153.00	100.00	100.00
152.00	50.70	111.58#
154.00	88.50	77.89
0.00	0.00	0.00

Quantitation Report (Qedit)

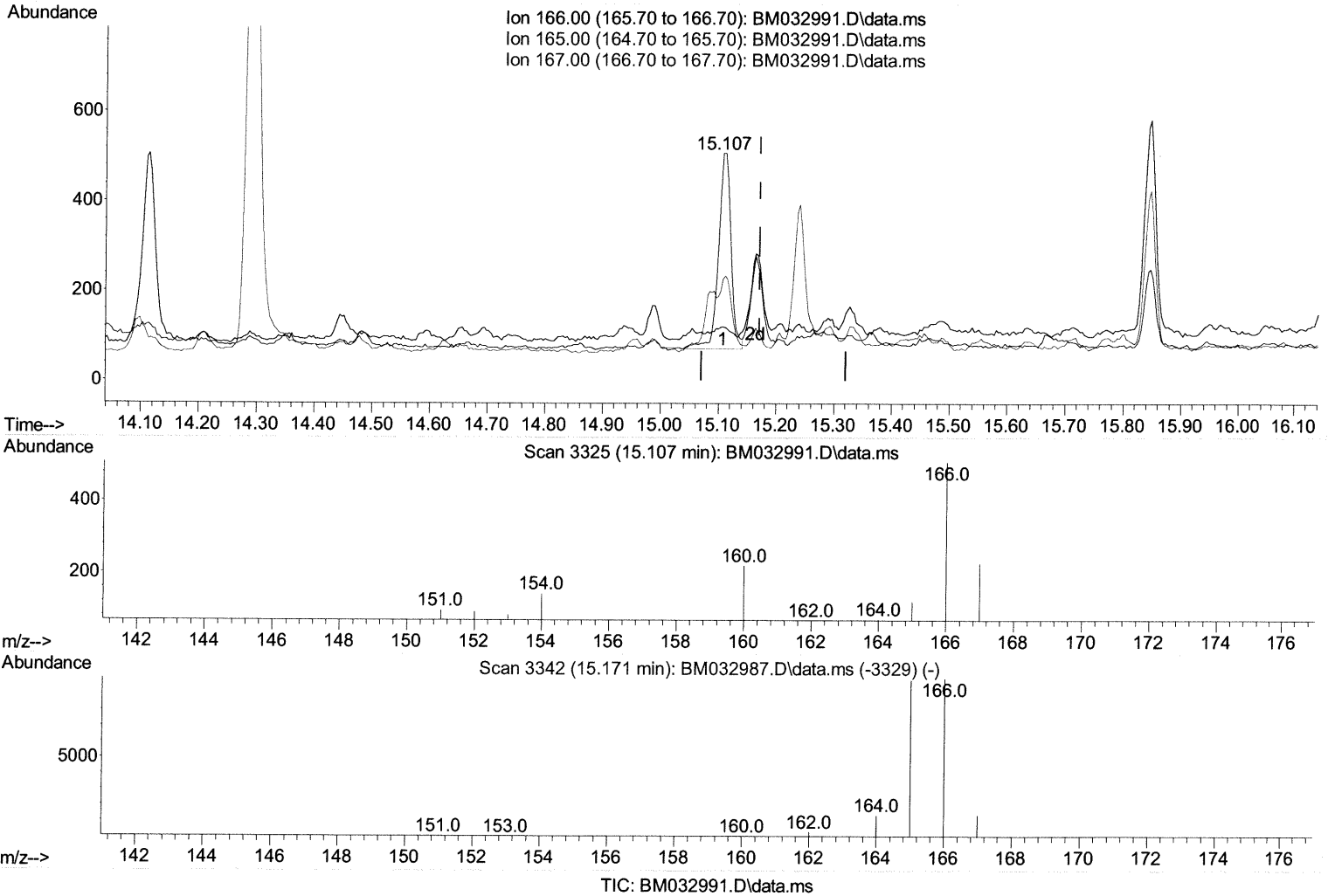
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
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(12) Fluorene

15.107min (-0.064) 0.03 ng/ul

response 661

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	101.00	23.62#
167.00	14.60	44.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

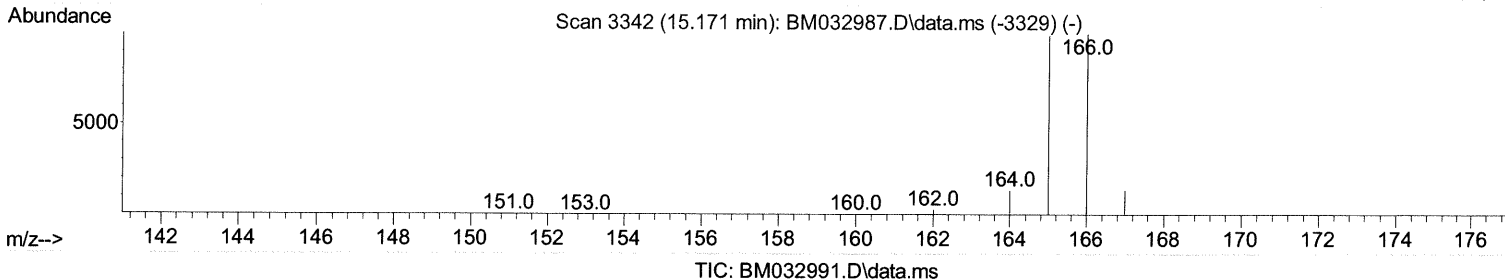
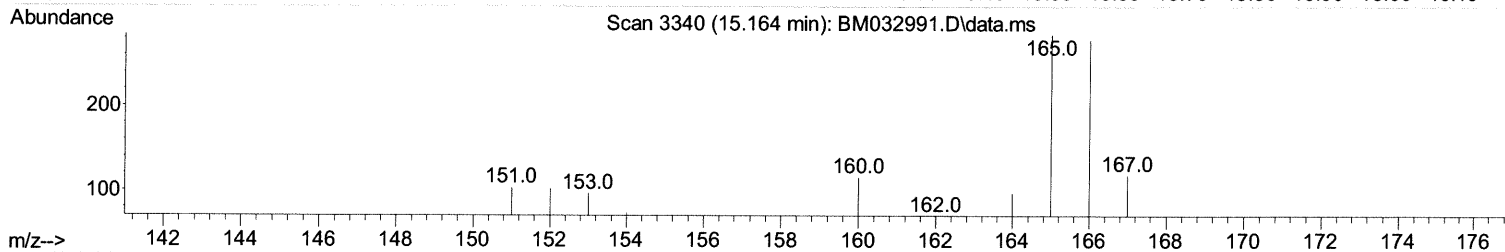
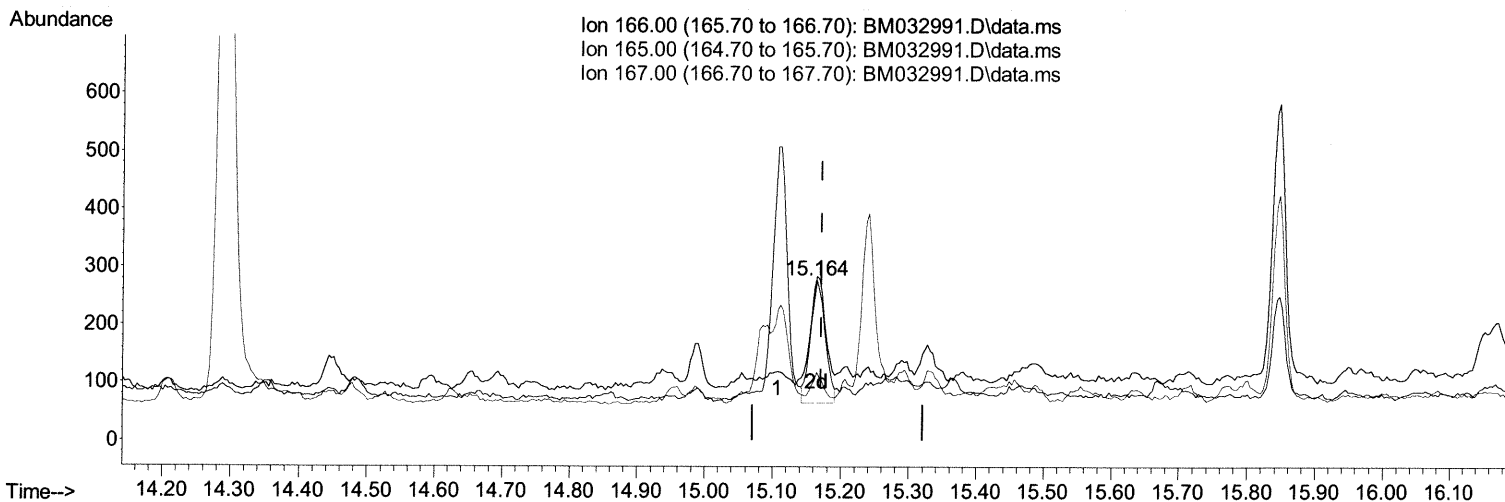
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

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(12) Fluorene

15.164min (-0.007) 0.02 ng/ul m 11/13/21 54

response 319

Ion	Exp%	Act%
166.00	100.00	100.00
165.00	101.00	102.16
167.00	14.60	42.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

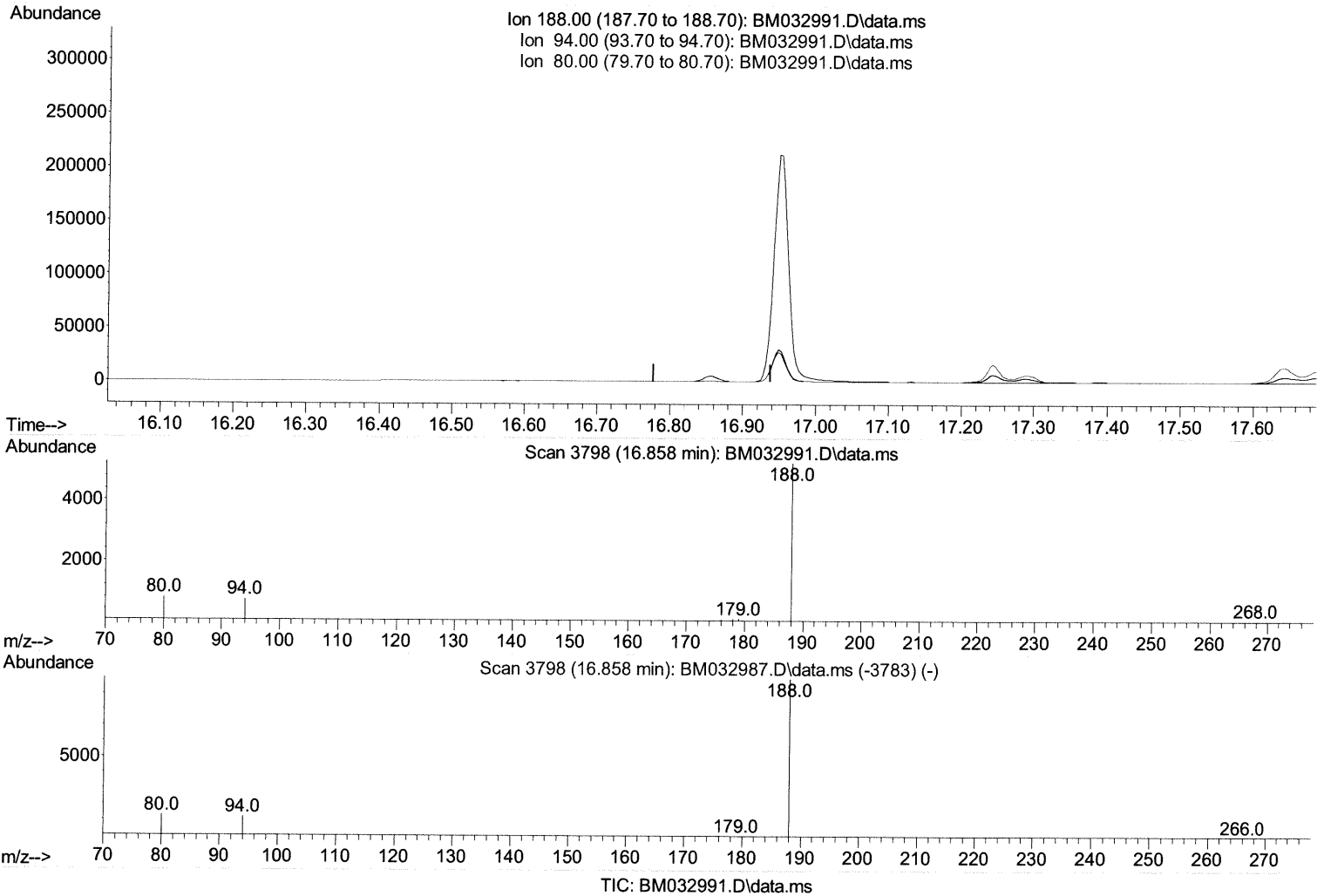
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
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 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
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(13) Phenanthrene-d10 (I)

16.858min (-16.858) 0.00 ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	12.70	0.00#
80.00	14.30	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

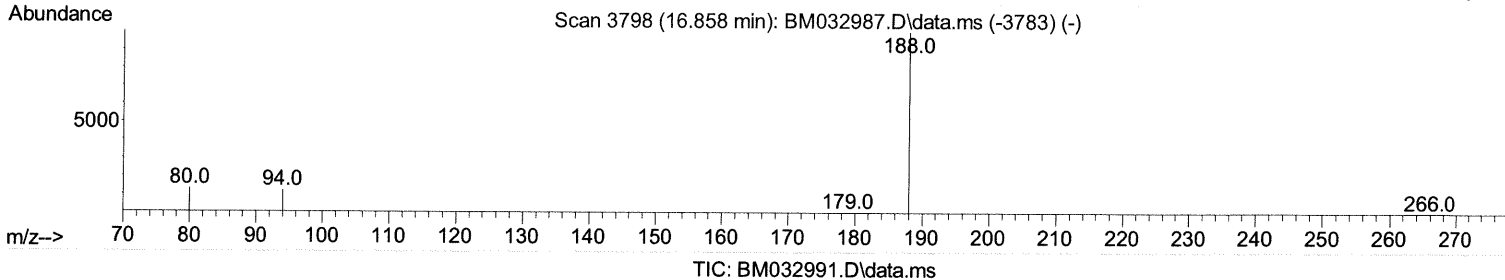
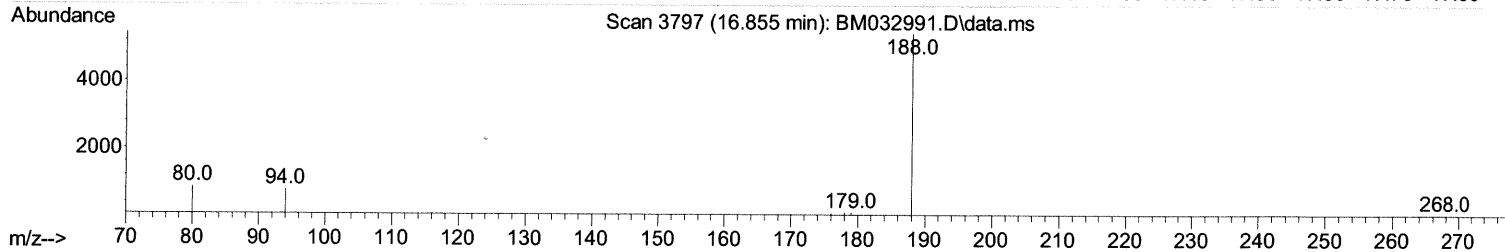
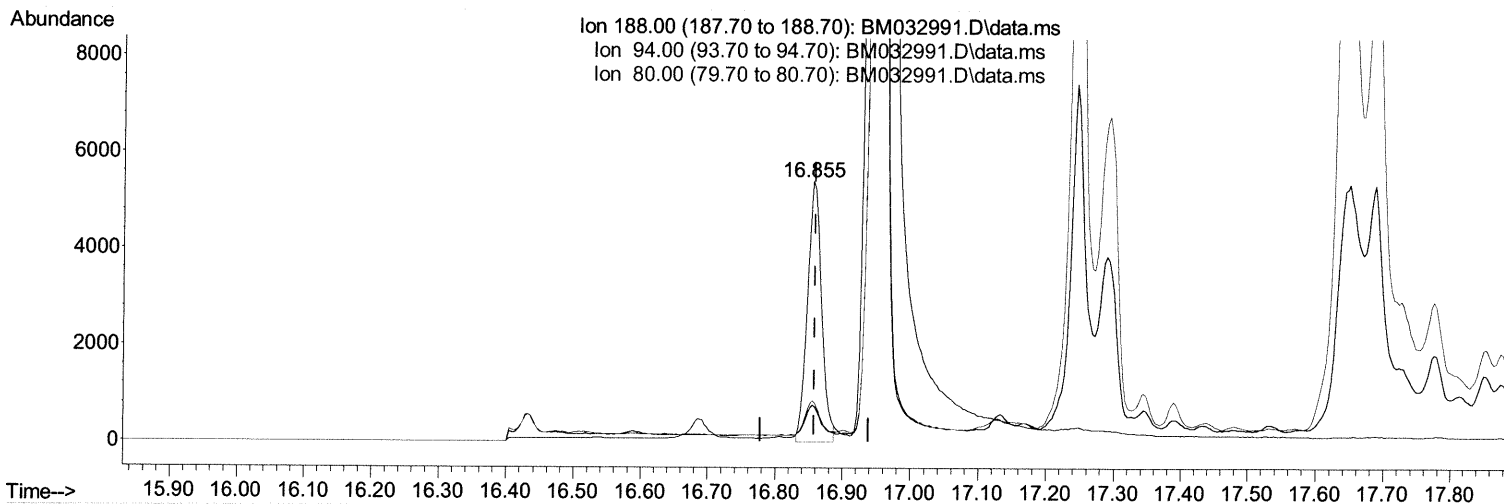
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

Manual IntegrationsAPPROVED

Quant Time: Nov 11 16:14:08 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:40:18 2021
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/11/2021
 Supervised By :mohammad ahmed 11/17/2021



(13) Phenanthrene-d10 (I)

16.855min (-0.003) 0.40 ng/ul m 11/17/21 JU

response 7912

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.70	14.12
80.00	14.30	15.79
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110921\
 Data File : BM032991.D
 Acq On : 11 Nov 2021 14:55
 Operator : CG/JU
 Sample : M4615-02
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0V01

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) 1,4-Dichlorobenzene-d4	7.497	152	3847m	0.400 ng/ul	0.04
4) Naphthalene-d8	10.239	136	9302m	0.400 ng/ul	0.00
9) Acenaphthene-d10	14.114	164	4718m	0.400 ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7912m	0.400 ng/ul	0.00
17) Chrysene-d12	21.069	240	3598	0.400 ng/ul	# 0.02
23) Perylene-d12	23.178	264	6407	0.400 ng/ul	# 0.02
System Monitoring Compounds					
3) 1,4-Dioxane-d8	2.864	96	7370	1.500 ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.831	152	2389m	0.181 ng/ul	> 0.00
18) Fluoranthene-d10	18.889	212	3774	0.346 ng/ul	0.00
Target Compounds					
5) Naphthalene	10.289	128	846564	31.341 ng/ul	97
7) 2-Methylnaphthalene	11.903	142	47177	2.521 ng/ul	98
8) 1-Methylnaphthalene	12.124	142	25596m	1.397 ng/ul	>
14) Pentachlorophenol	16.539	266	58	0.028 ng/ul	88
15) Phenanthrene	16.897	178	1759	0.067 ng/ul	# 88
19) Fluoranthene	18.919	202	951	0.056 ng/ul	# 1
20) Pyrene	19.277	202	965	0.055 ng/ul	# 2

(#) = qualifier out of range (m) = manual integration (+) = signals summed