

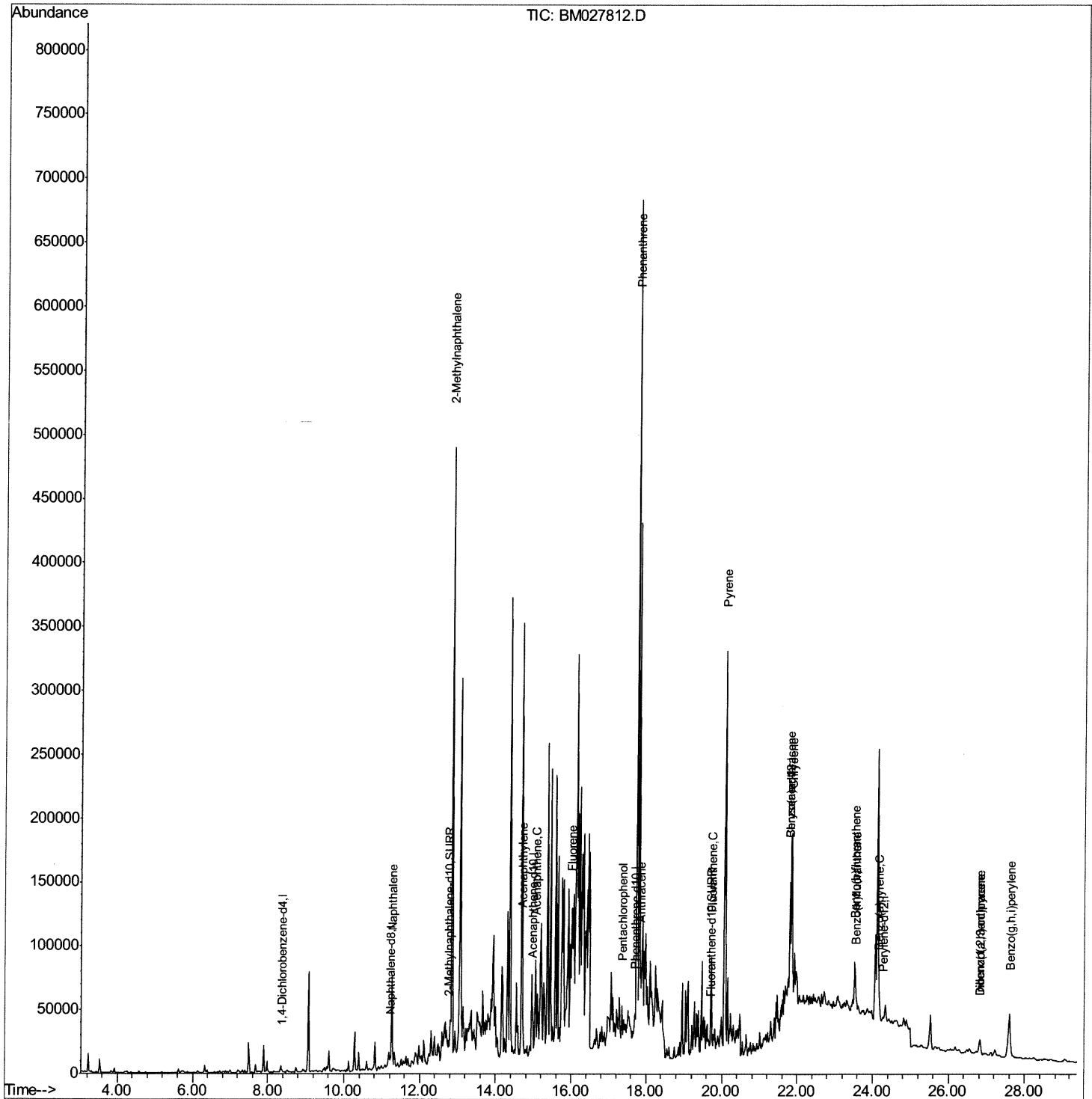
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:50:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

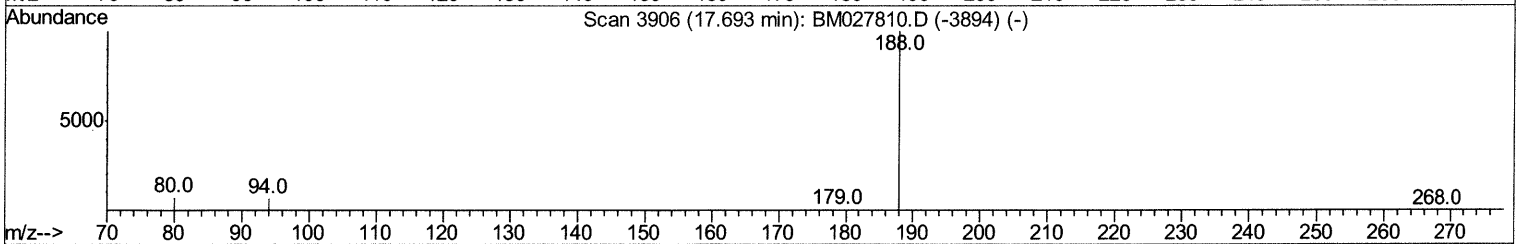
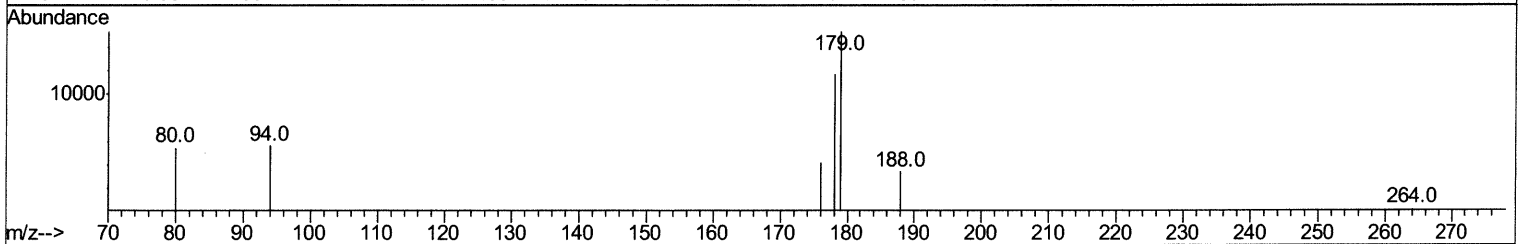
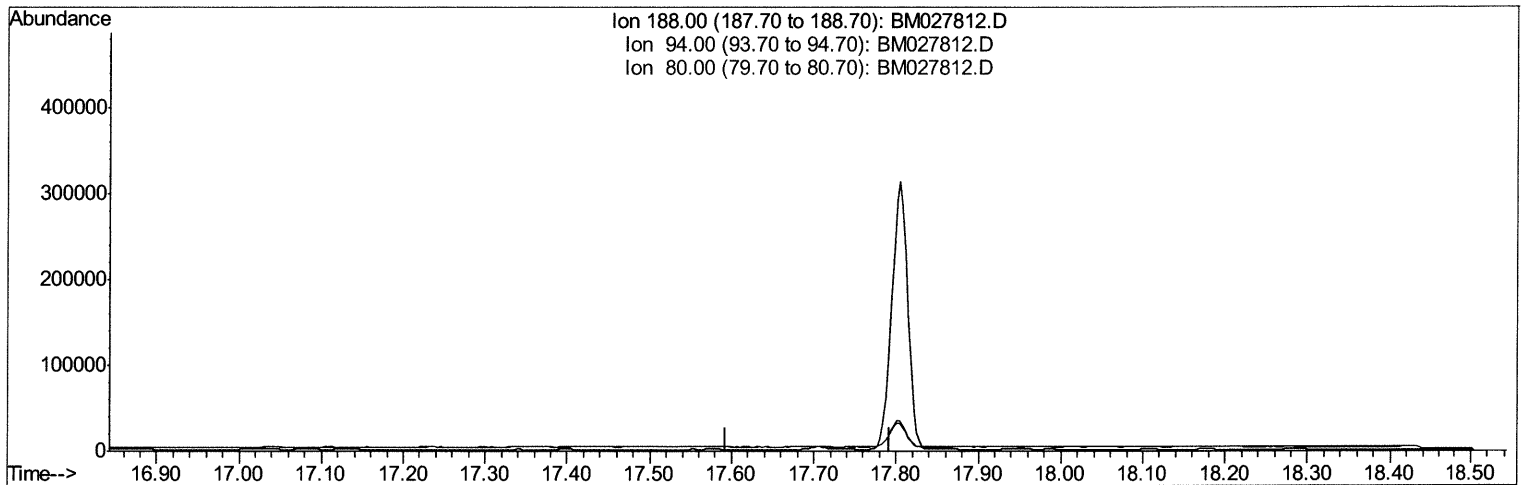
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
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Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:44:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
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Response via : Initial Calibration



TIC: BM027812.D

(10) Phenanthrene-d10 (I)

17.693min (-17.693) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	9.00	0.00#
80.00	9.60	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

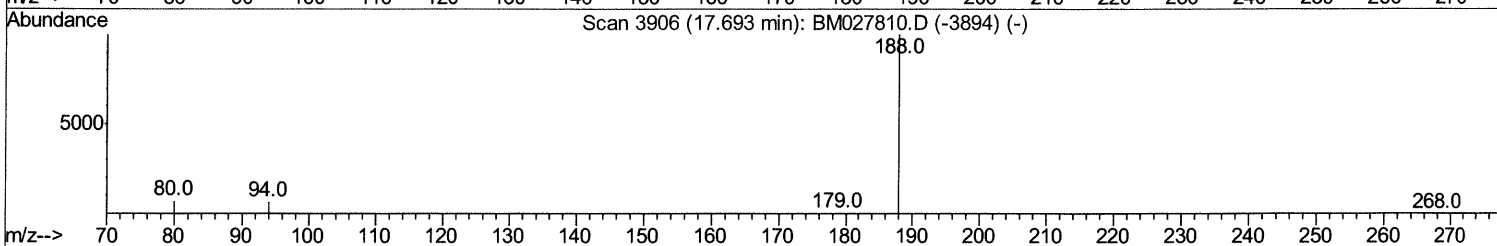
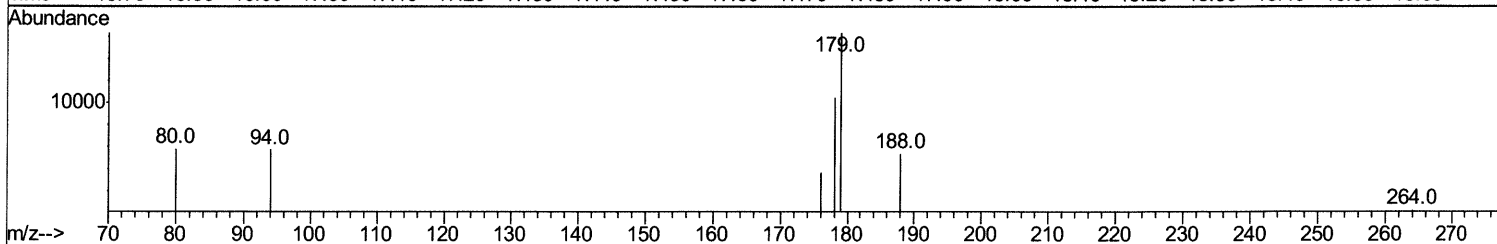
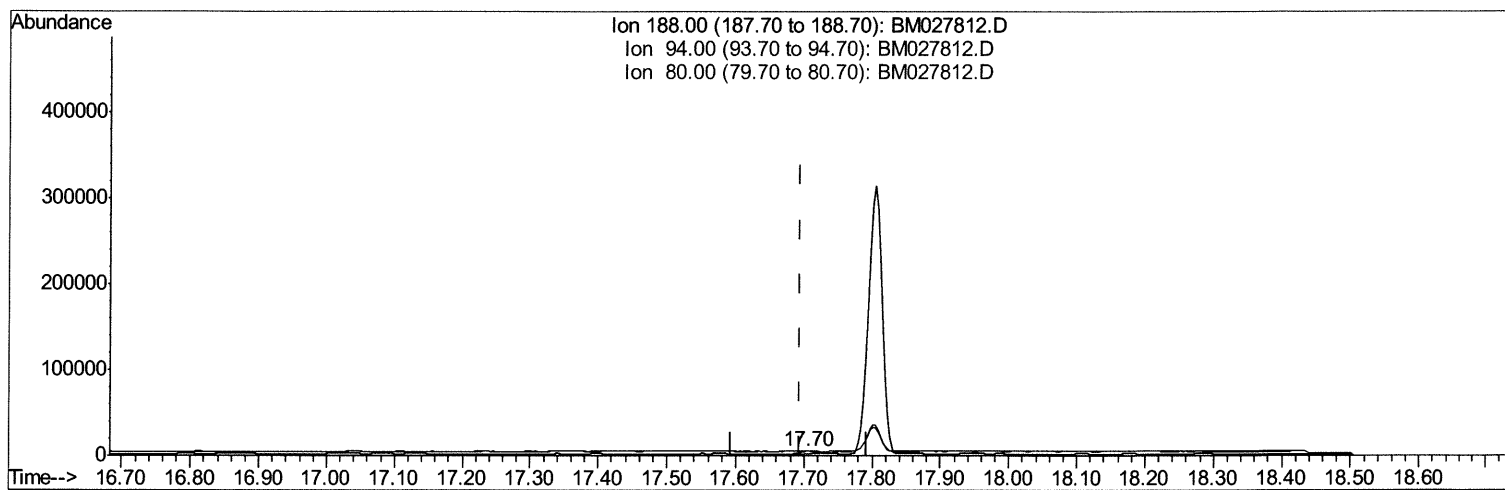
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
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Manual Integrations
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mohammad
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TIC: BM027812.D

(10) Phenanthrene-d10 (I)

17.704min (+0.010) 0.40ng/ul m 12/03/2024

response 4583

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	107.08#
80.00	9.60	108.59#
0.00	0.00	0.00

Quantitation Report (Qedit)

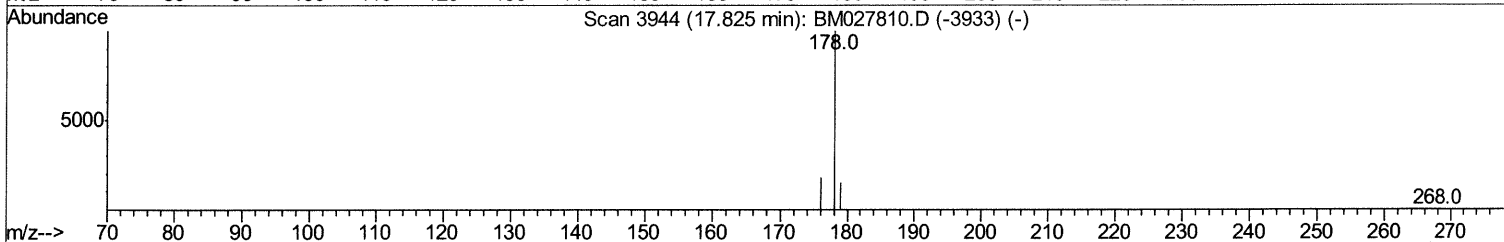
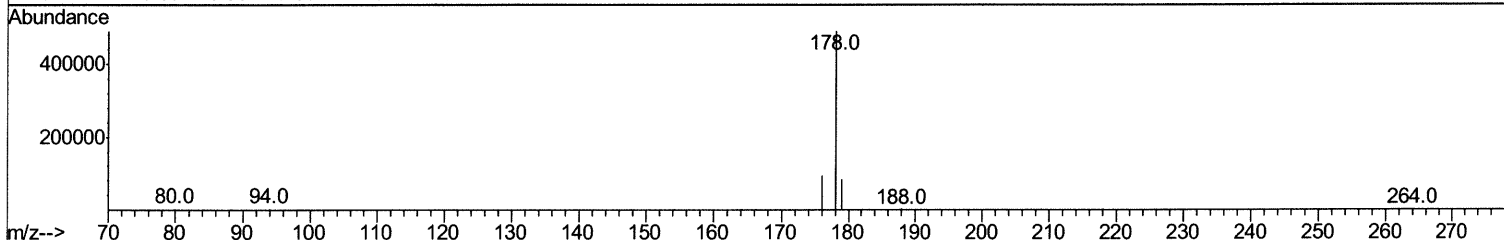
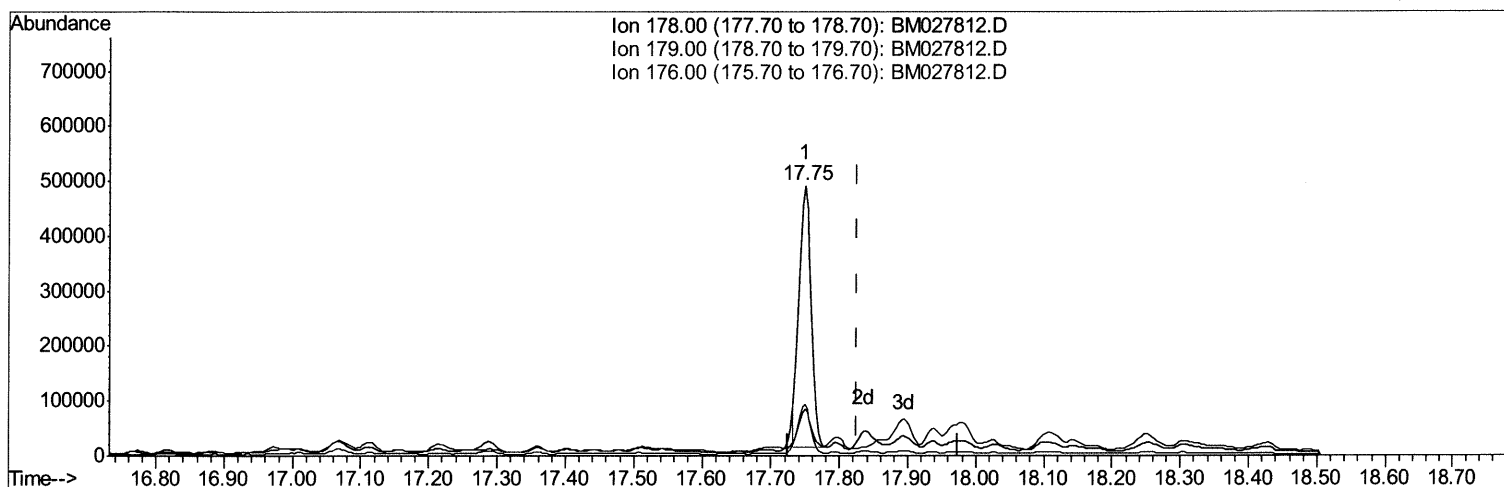
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:45:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
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TIC: BM027812.D

(13) Anthracene

17.749min (-0.077) 41.95ng/ul

response 609462

Ion	Exp%	Act%
178.00	100	100
179.00	17.00	17.25
176.00	19.30	19.26
0.00	0.00	0.00

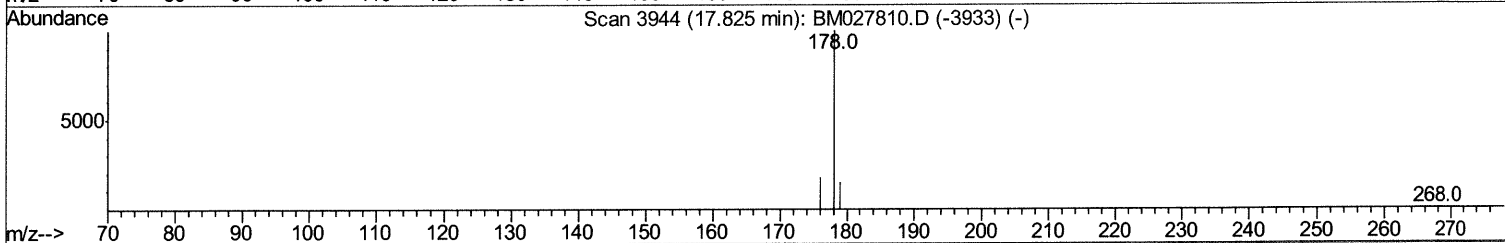
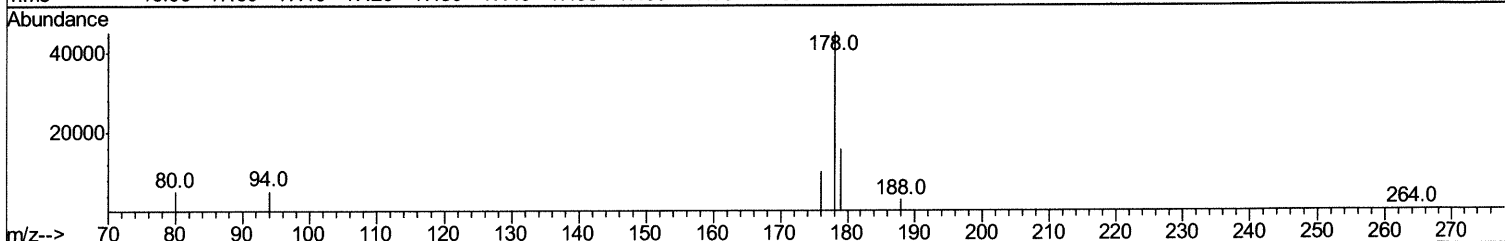
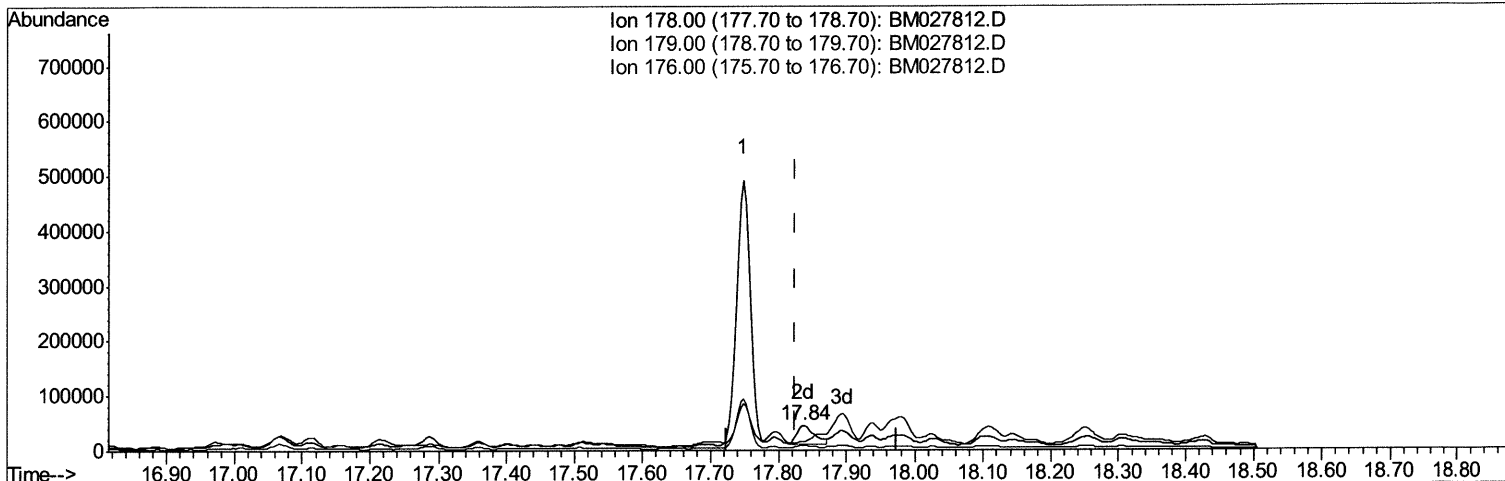
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:45:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
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TIC: BM027812.D

(13) Anthracene

17.835min (+0.010) 3.91ng/ul m 12/03/2024

response 56768

Ion	Exp%	Act%
178.00	100	100
179.00	17.00	34.51#
176.00	19.30	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

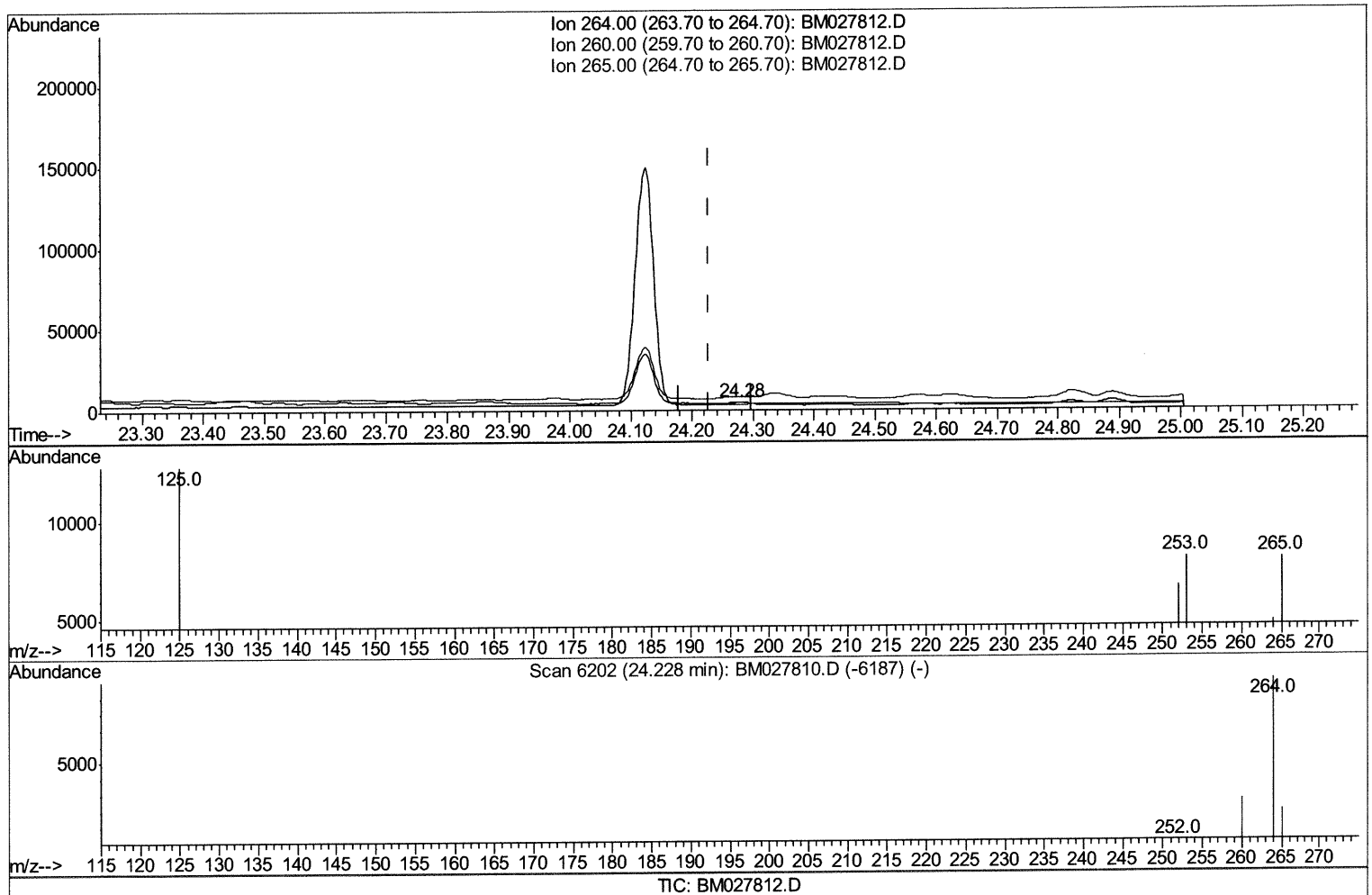
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:45:51 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
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(20) Perylene-d12 (I)

24.278min (+0.051) 0.40ng/ul

response 3042

Ion	Exp%	Act%
264.00	100	100
260.00	28.10	95.70#
265.00	51.90	166.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

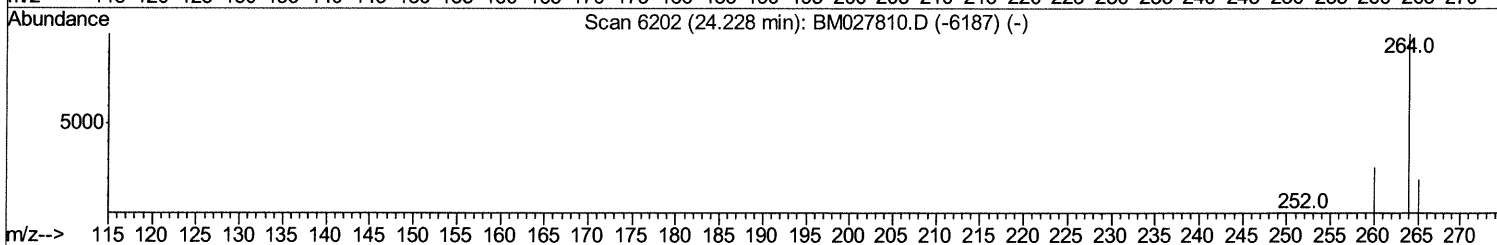
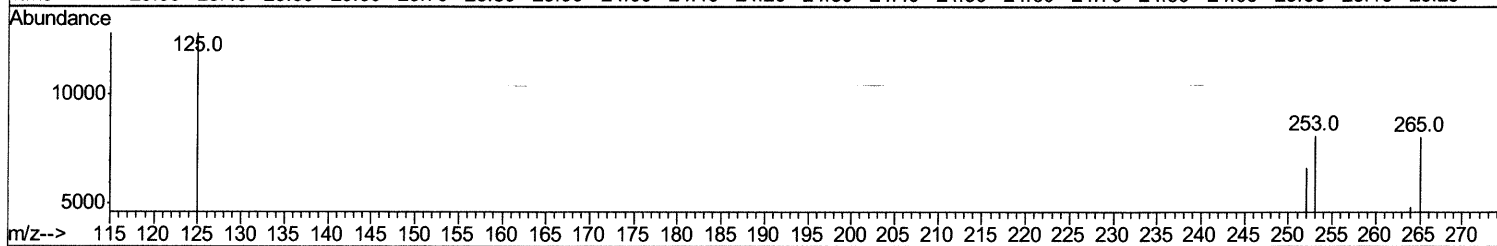
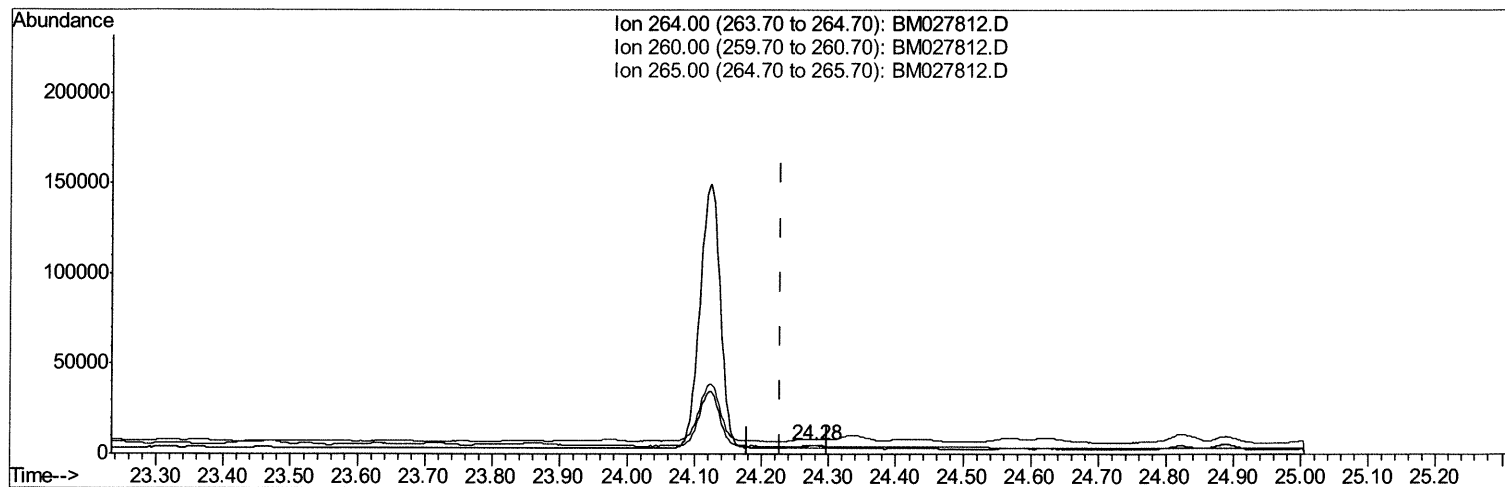
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:45:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration



TIC: BM027812.D

(20) Perylene-d12 (I)

24.278min (+0.051) 0.40ng/ul m 12/03/20 JU

response 3850

Ion	Exp%	Act%
264.00	100	100
260.00	28.10	95.70#
265.00	51.90	166.43#
0.00	0.00	0.00

Quantitation Report (Qedit)

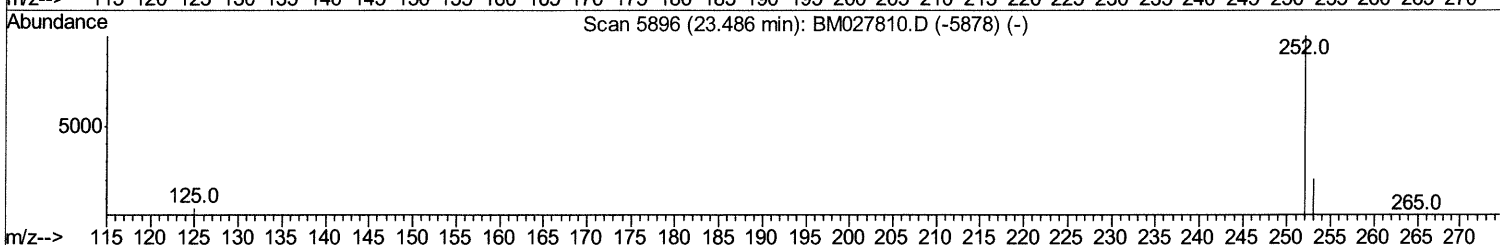
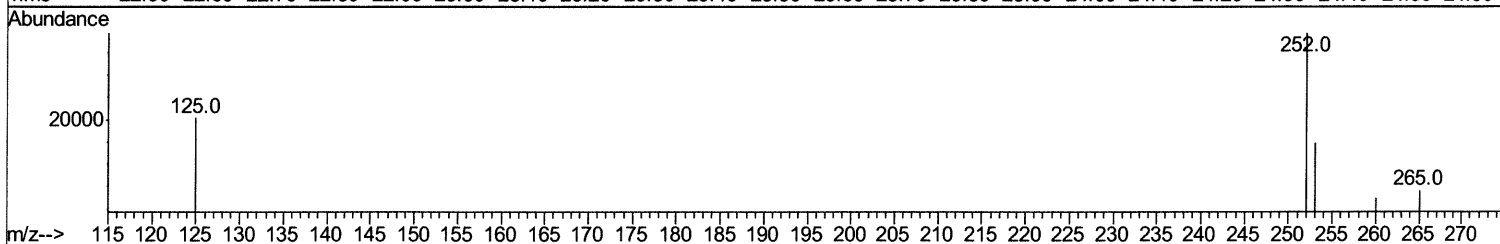
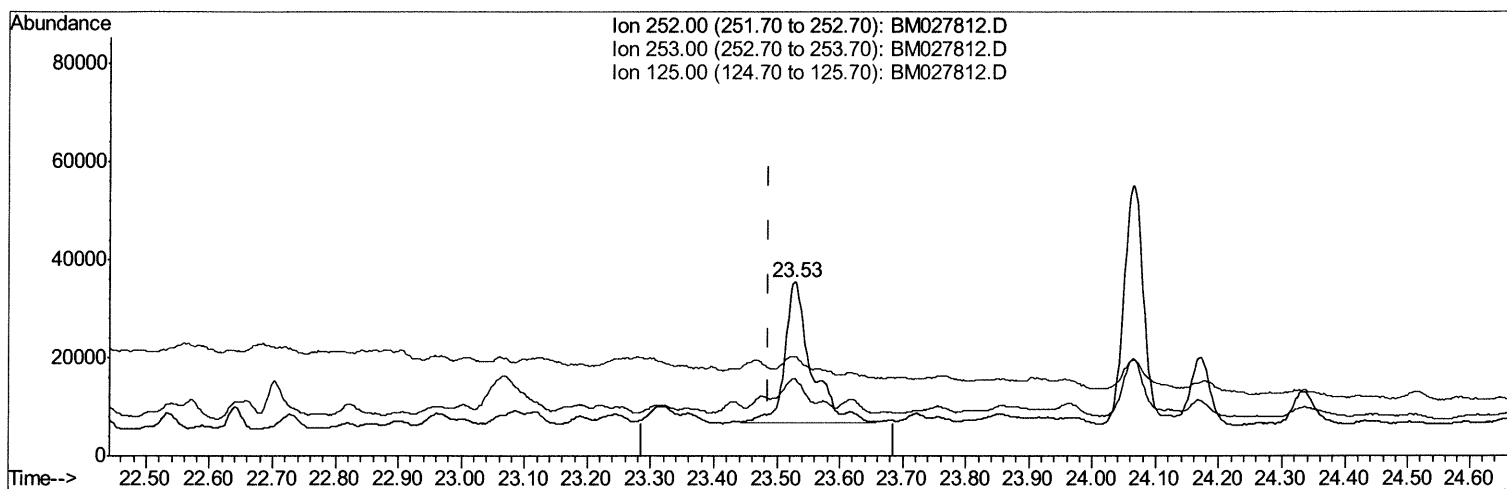
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:47:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration



TIC: BM027812.D

(21) Benzo(b)fluoranthene
 23.527min (+0.041) 4.70ng/ul
 response 82889

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	44.16
125.00	8.80	57.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

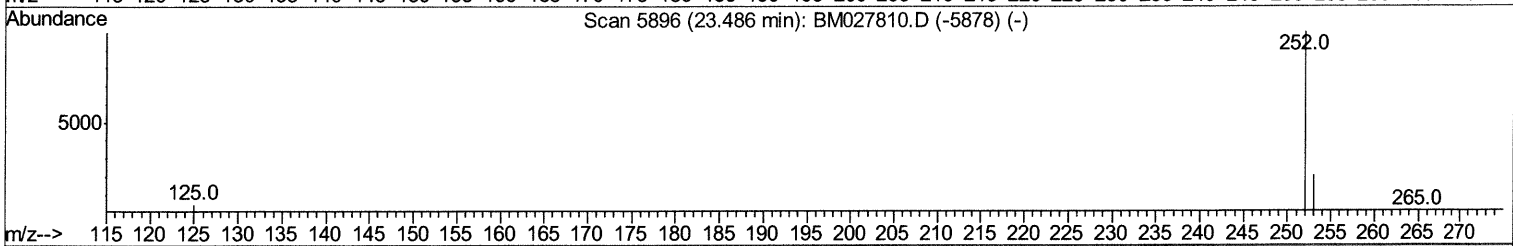
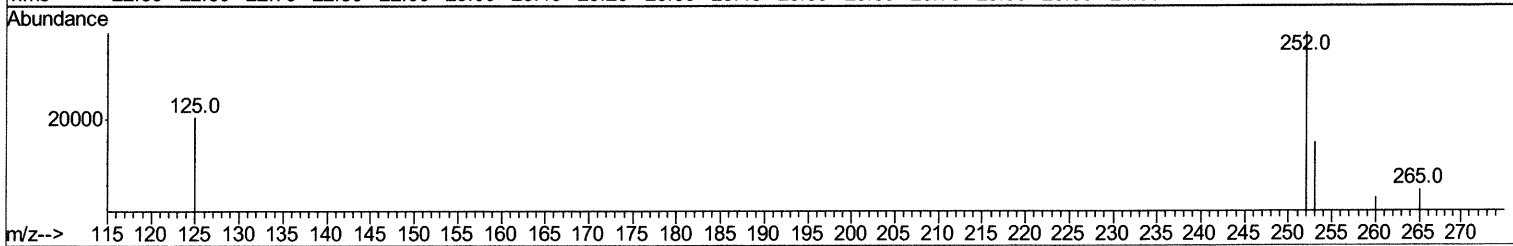
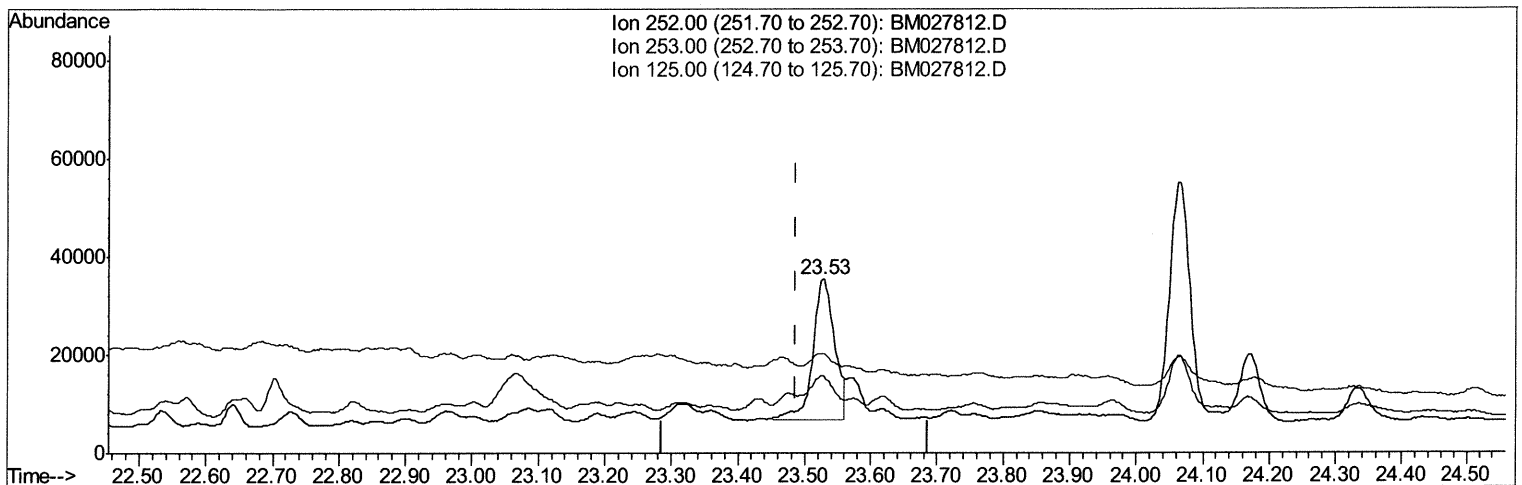
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:47:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
Response via : Initial Calibration



TIC: BM027812.D

(21) Benzo(b)fluoranthene

23.527min (+0.041) 3.73ng/ul m 12/03/20 JU

response 65758

Ion	Exp%	Act%
252.00	100	100
253.00	26.10	44.16
125.00	8.80	57.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

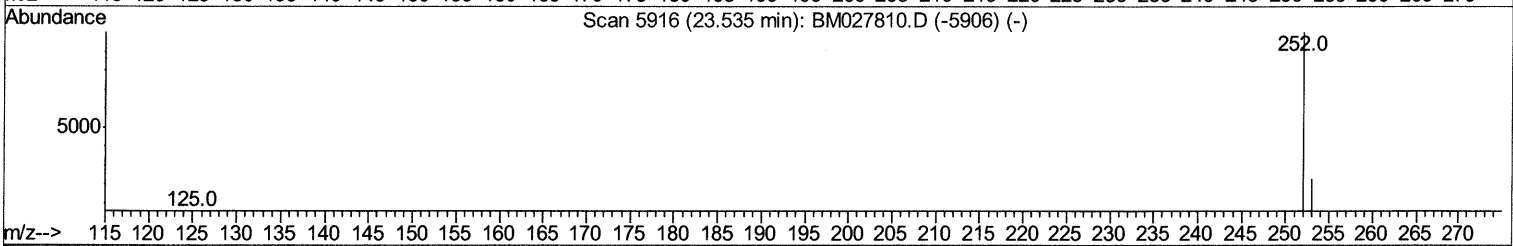
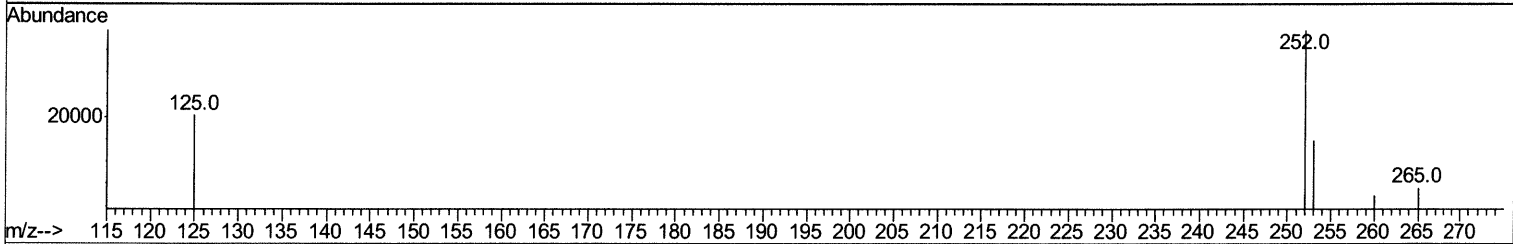
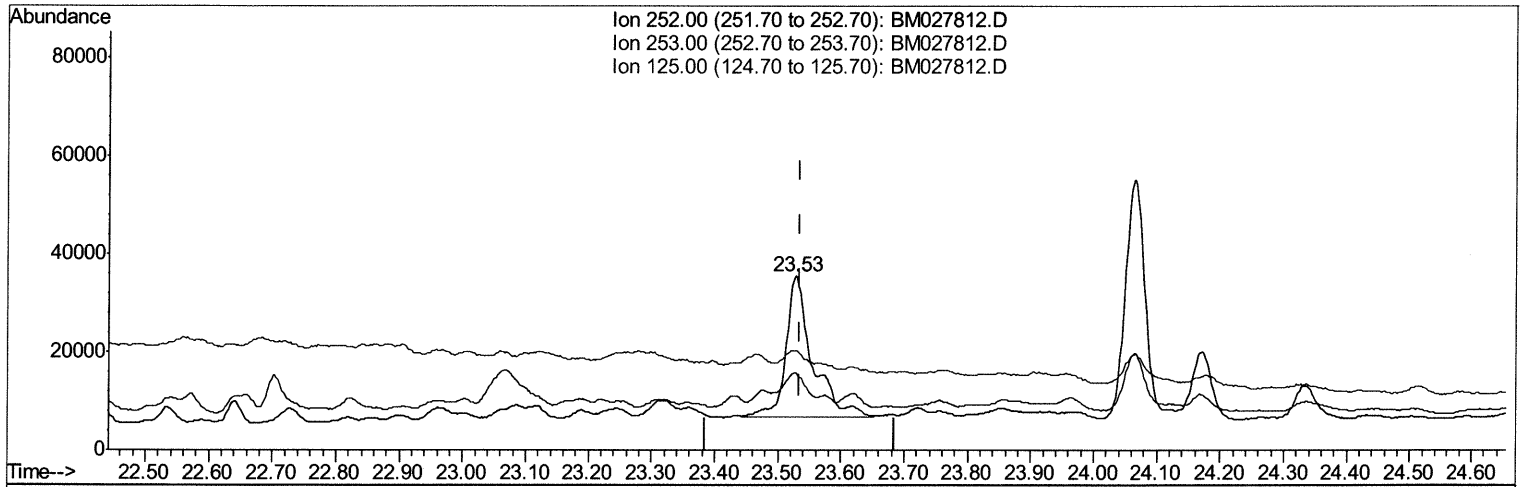
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB8

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:47:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration



TIC: BM027812.D

(22) Benzo(k)fluoranthene
 23.527min (-0.008) 4.79ng/ul
 response 82870

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	44.16#
125.00	8.70	57.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

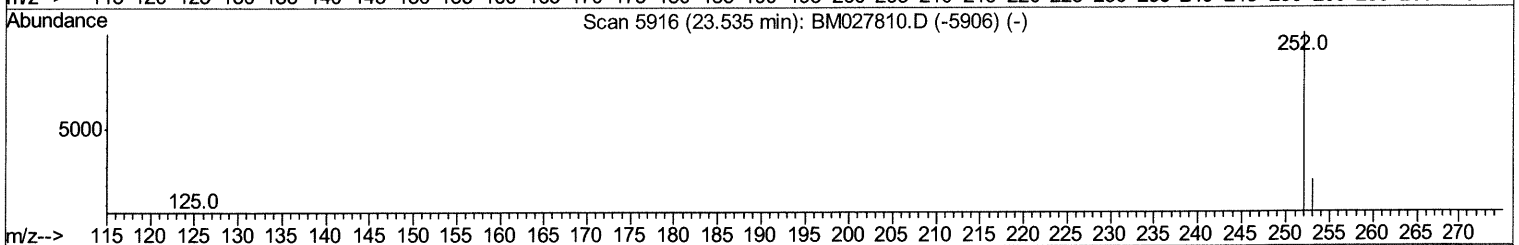
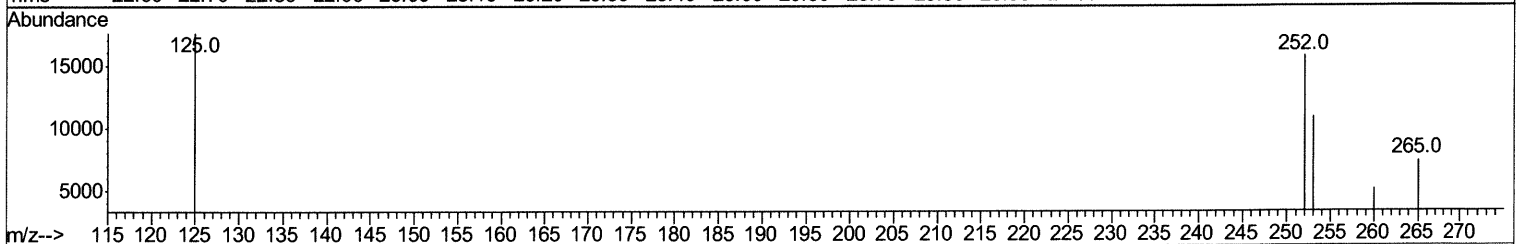
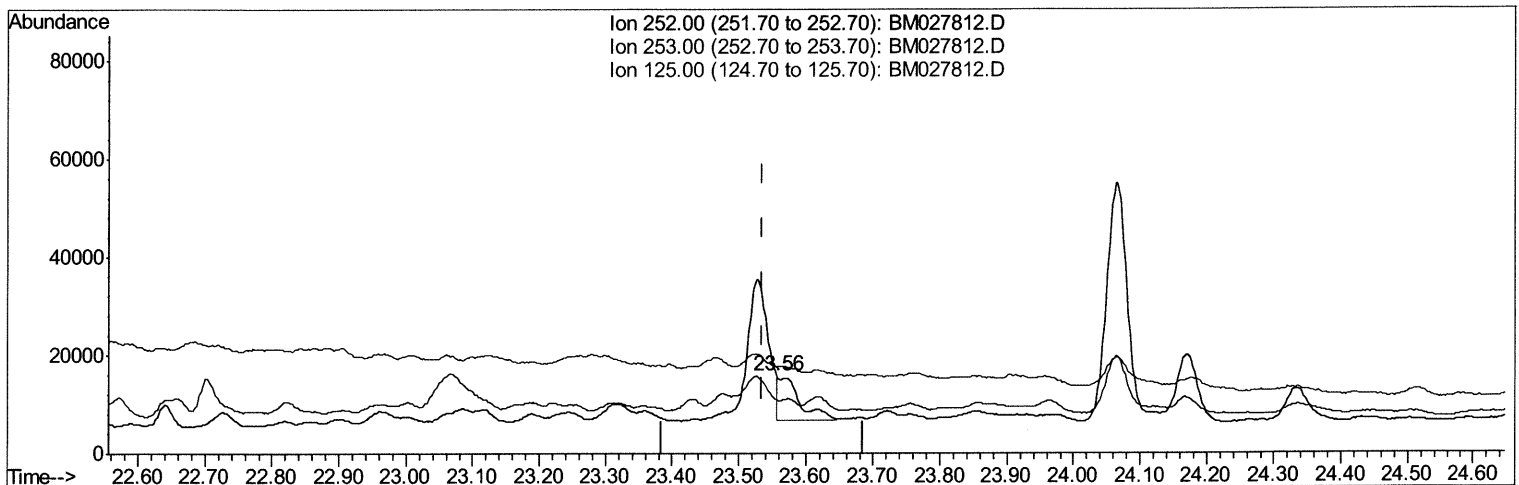
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
Data File : BM027812.D
Acq On : 17 Nov 2020 10:14
Operator : JU/CG
Sample : L4762-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AB8

Manual Integrations
APPROVED

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11/19/2020 10:32:40 AM

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
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Response via : Initial Calibration



TIC: BM027812.D

(22) Benzo(k)fluoranthene

23.556min (+0.022) 1.13ng/ul m 12/03/2024

response 19487

Ion	Exp%	Act%
252.00	100	100
253.00	25.50	69.15#
125.00	8.70	111.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

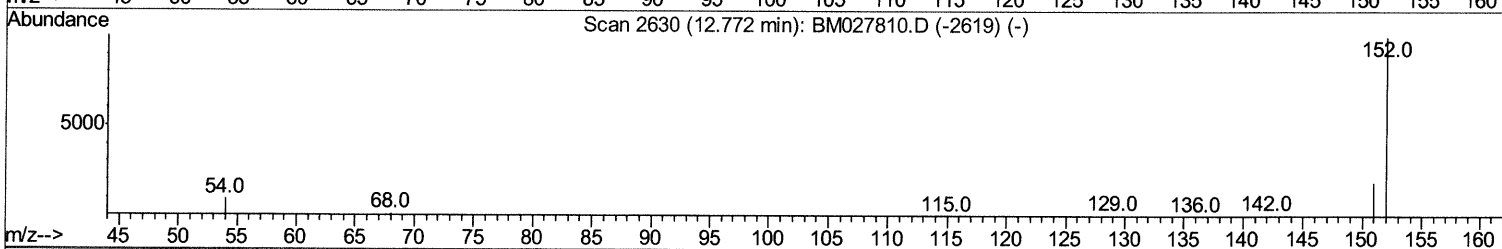
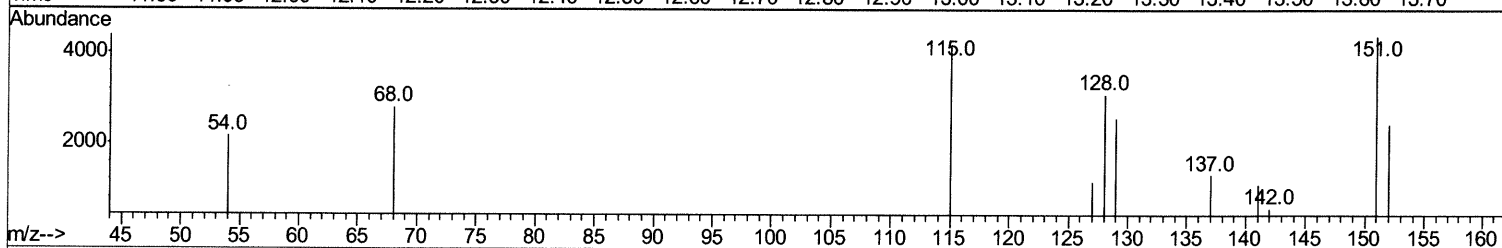
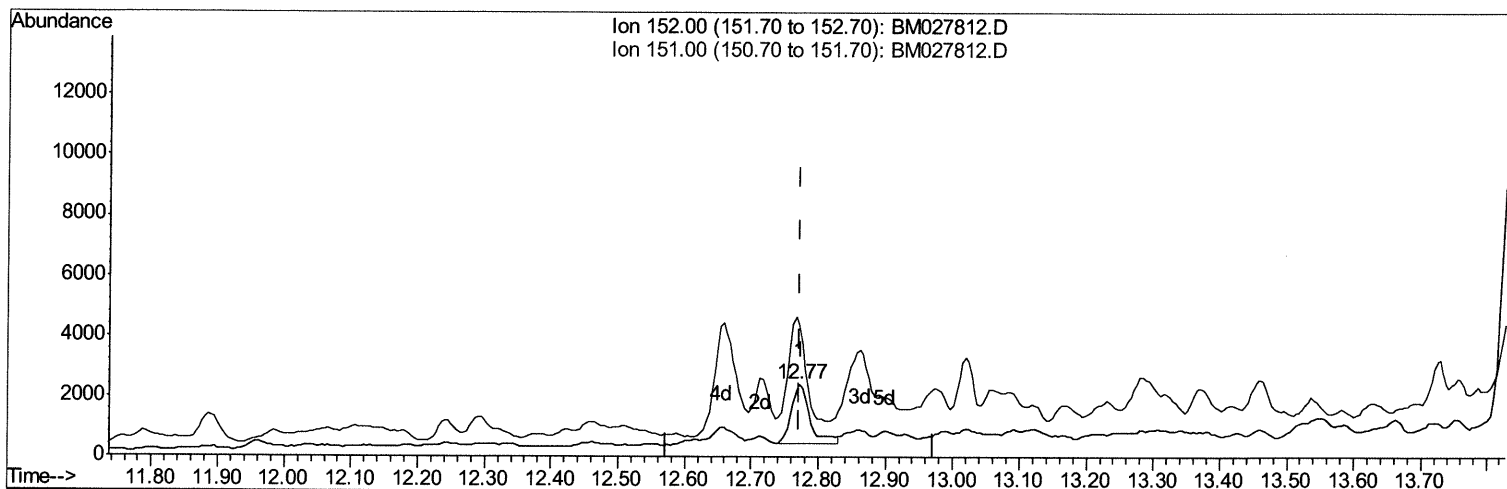
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0AB8

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:48:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BM027812.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.771min (-0.000) 0.58ng/ul

response 3843

Ion	Exp%	Act%
152.00	100	100
151.00	20.20	160.60#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

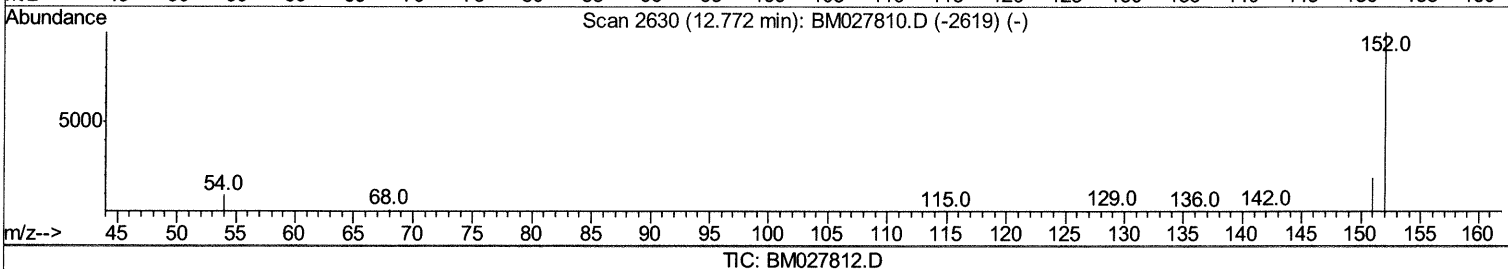
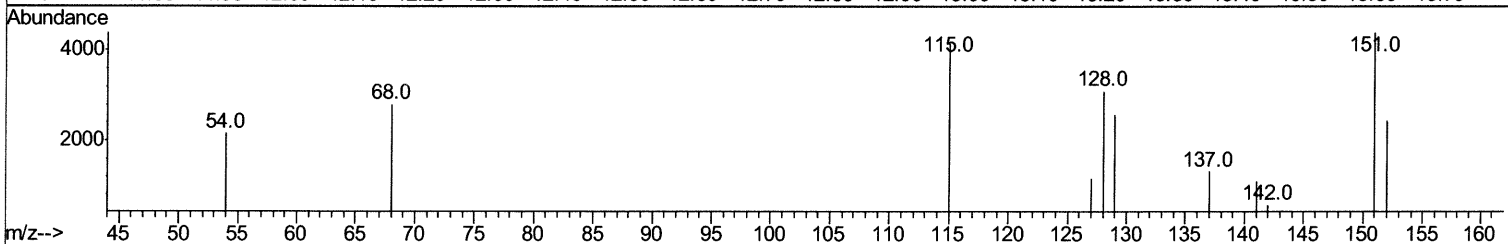
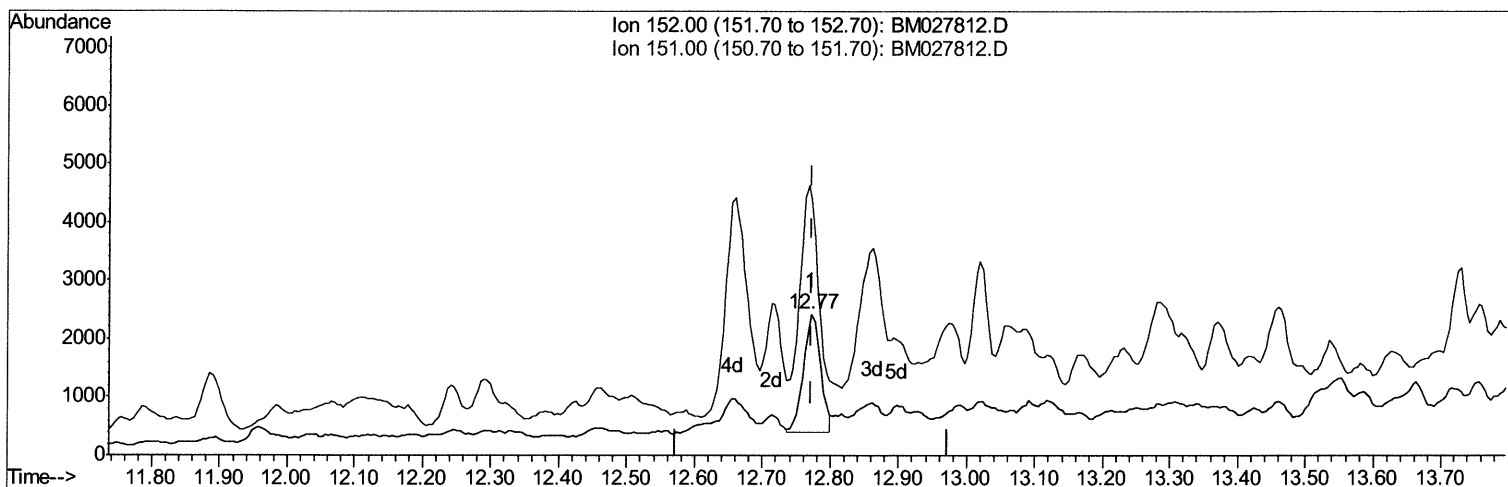
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
 Data File : BM027812.D
 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:48:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration



TIC: BM027812.D

(4) 2-Methylnaphthalene-d10 (SURR)

12.771min (-0.000) 0.53ng/ul m 12/03/2020

response 3522

Ion	Exp%	Act%
152.00	100	100
151.00	20.20	175.24#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM111720\
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 Acq On : 17 Nov 2020 10:14
 Operator : JU/CG
 Sample : L4762-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:40 AM

Quant Time: Nov 17 10:50:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	869	0.40	ng/ul	0.00
2) Naphthalene-d8	11.21	136	3568	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	5376	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	4583m >	0.40	ng/ul >	0.01 12/03/20 JU
16) Chrysene-d12	21.80	240	8974	0.40	ng/ul	0.00
20) Perylene-d12	24.28	264	3850m >	0.40	ng/ul >	0.05 12/03/20 JU
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.77	152	3522m >	0.53	ng/ul >	0.00 12/03/20 JU
14) Fluoranthene-d10	19.69	212	3087	0.23	ng/ul	0.01
Target Compounds						
					Ovalue	
3) Naphthalene	11.26	128	89360	7.838	ng/ul	98
5) 2-Methylnaphthalene	12.85	142	300431	37.880	ng/ul	99
7) Acenaphthylene	14.71	152	18129	0.685	ng/ul#	1
8) Acenaphthene	15.05	153	40927	2.019	ng/ul#	74
9) Fluorene	16.02	166	49627	2.035	ng/ul#	81
11) Pentachlorophenol	17.35	266	834	0.505	ng/ul#	79
12) Phenanthrene	17.75	178	654965	43.901	ng/ul	98
13) Anthracene	17.84	178	56768m >	3.908	ng/ul >	12/03/20 JU
15) Fluoranthene	19.72	202	67969	3.980	ng/ul	93
17) Pyrene	20.08	202	257682	6.475	ng/ul#	96
18) Benzo(a)anthracene	21.80	228	65371	1.823	ng/ul#	37
19) Chrysene	21.85	228	200678	5.493	ng/ul#	75
21) Benzo(b)fluoranthene	23.53	252	65758m ?	3.732	ng/ul ?	12/03/20 JU
22) Benzo(k)fluoranthene	23.56	252	19487m }	1.127	ng/ul }	
23) Benzo(a)pyrene	24.17	252	30338	1.958	ng/ul#	9
24) Indeno(1,2,3-cd)pyrene	26.82	276	19302	1.094	ng/ul#	80
25) Dibenzo(a,h)anthracene	26.82	278	9558	0.648	ng/ul#	1
26) Benzo(a,h,i)perylene	27.61	276	36830	2.466	ng/ul#	61

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