Quantitation Report (Qedit)

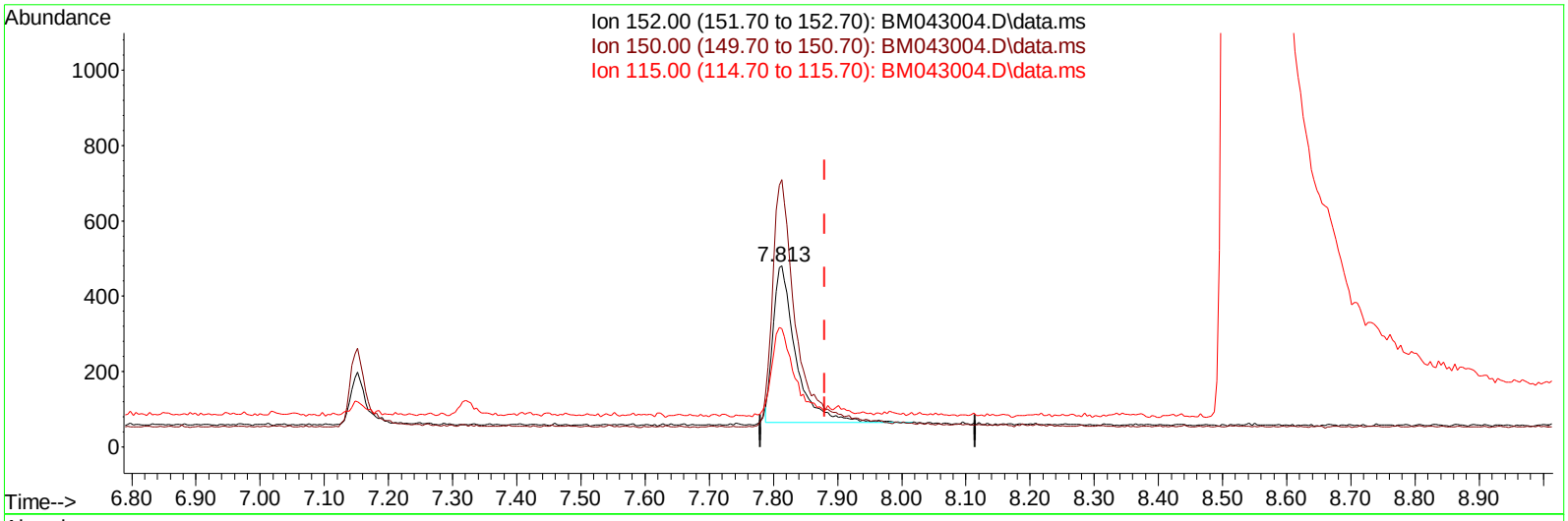
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

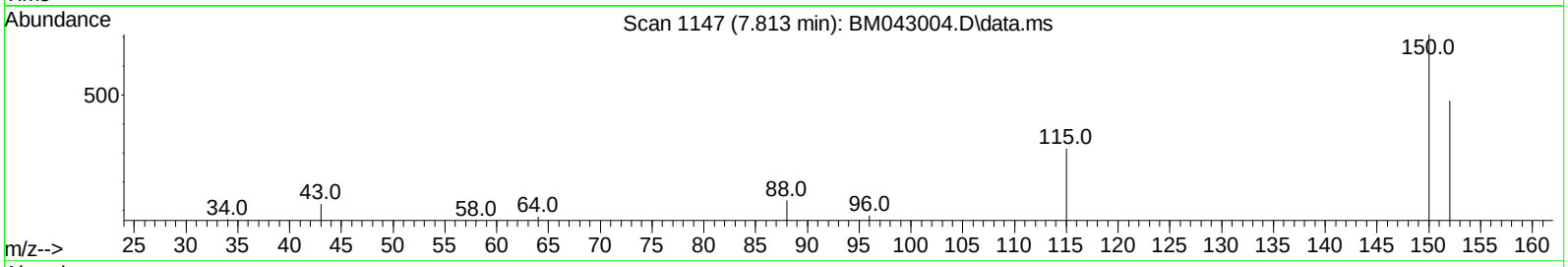
Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

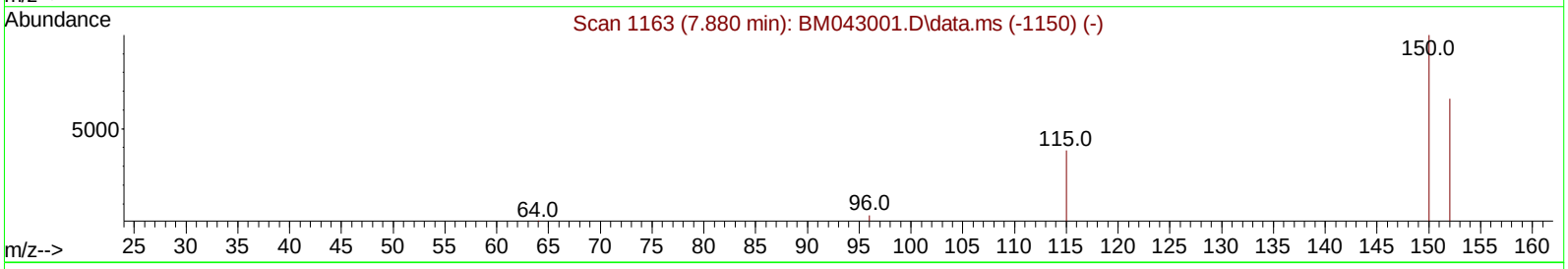
Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM043004.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/ul

response 1024

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.71
115.00	89.60	65.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
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Misc :
ALS Vial : 26 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
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Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

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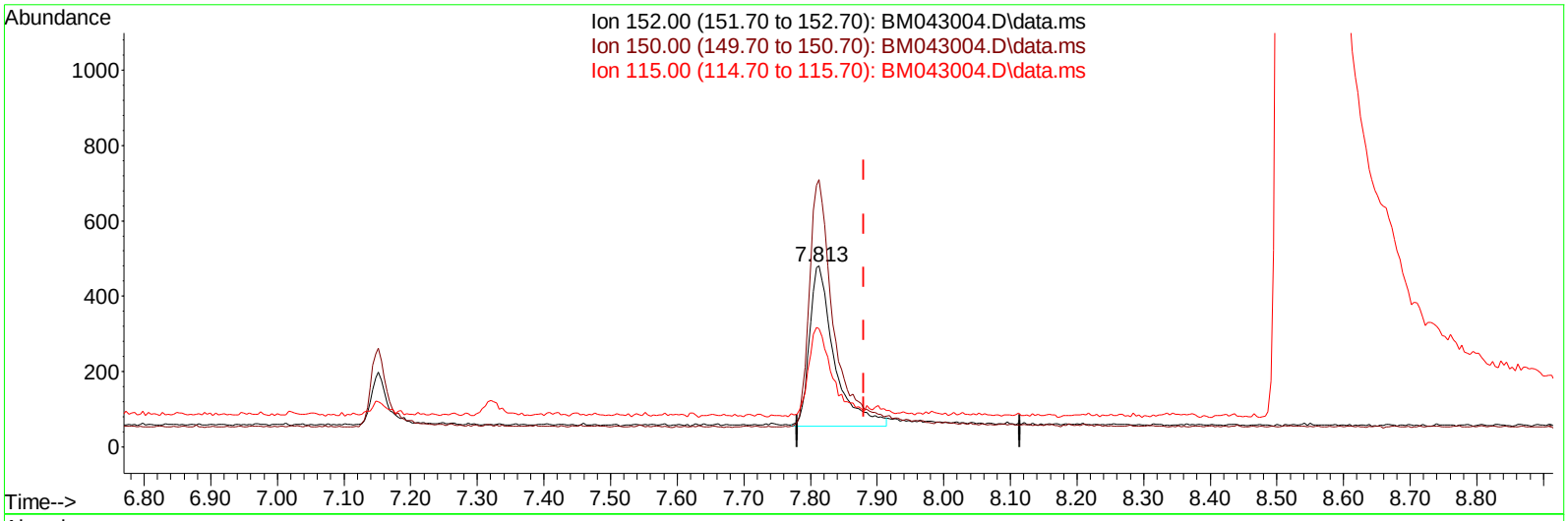

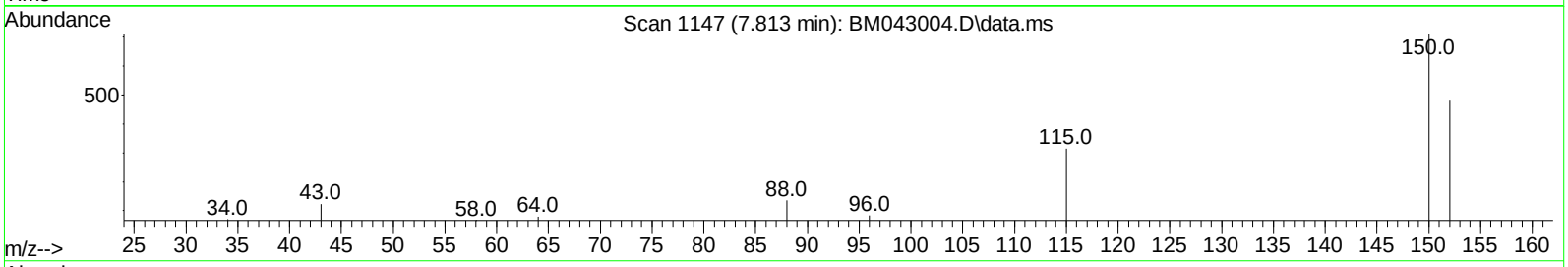

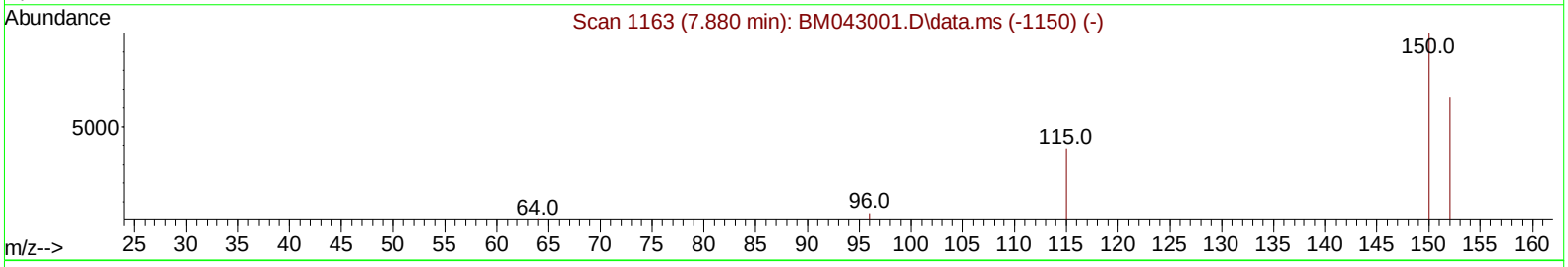

TIC: BM043004.D\data.ms

(1) 1,4-Dichlorobenzene-d4 (I)

7.813min (-0.067) 0.40 ng/ul m

response 1101

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	147.71
115.00	89.60	65.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
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ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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BNA_M
ClientSampleId :
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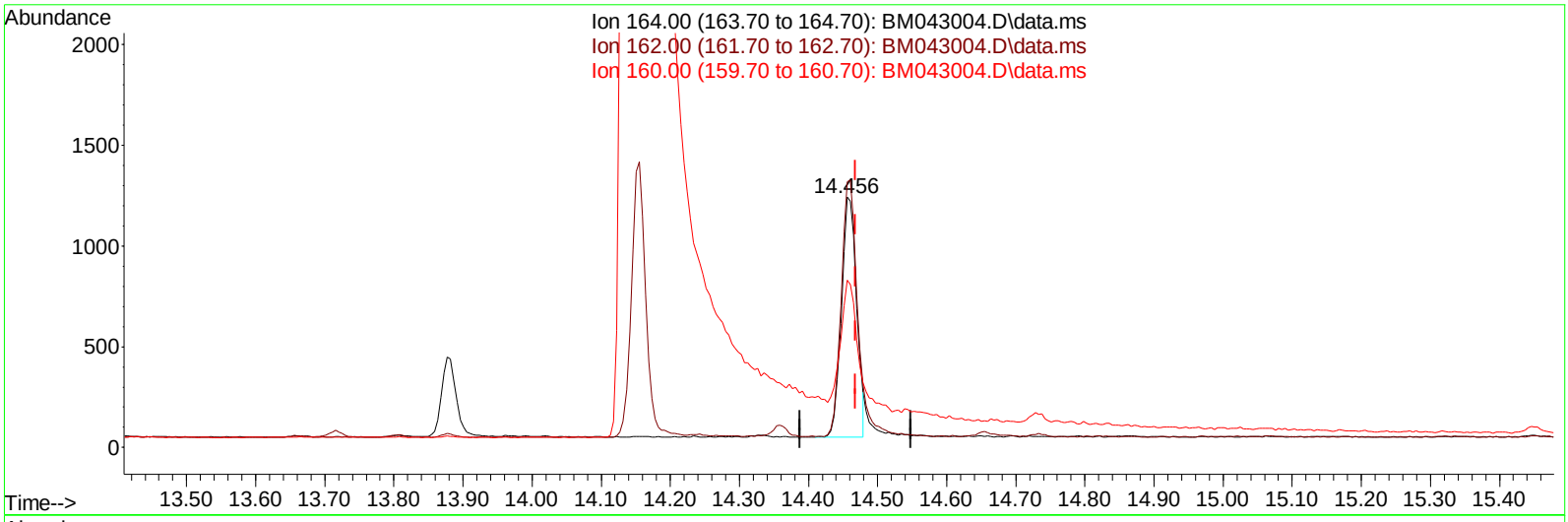

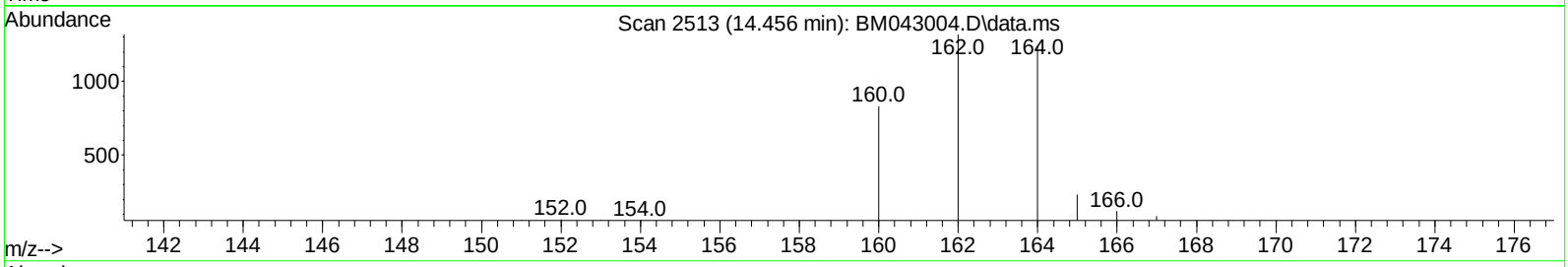

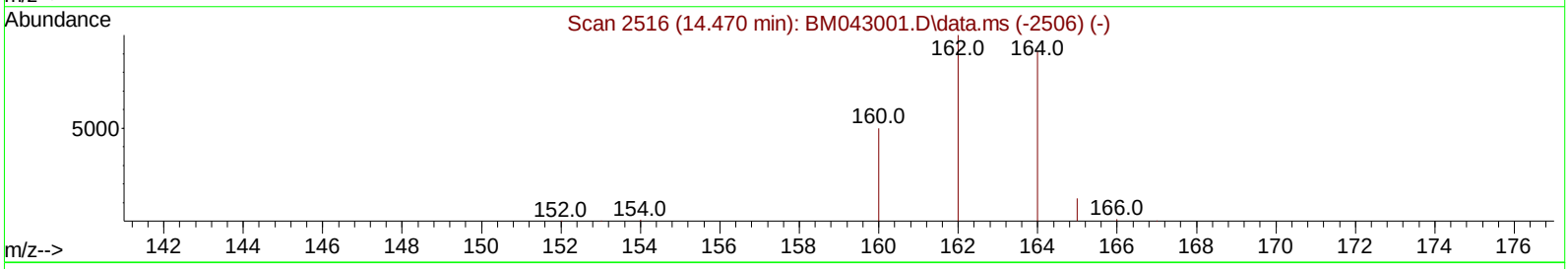

TIC: BM043004.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul

response 1813

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.20
160.00	57.20	66.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

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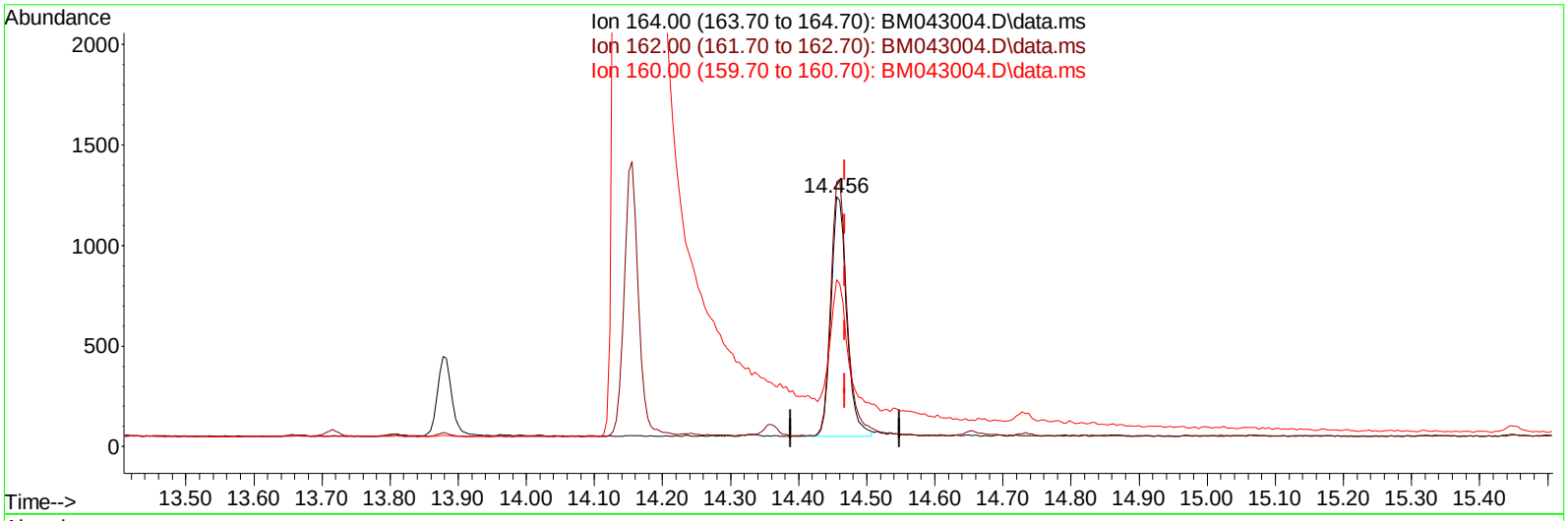

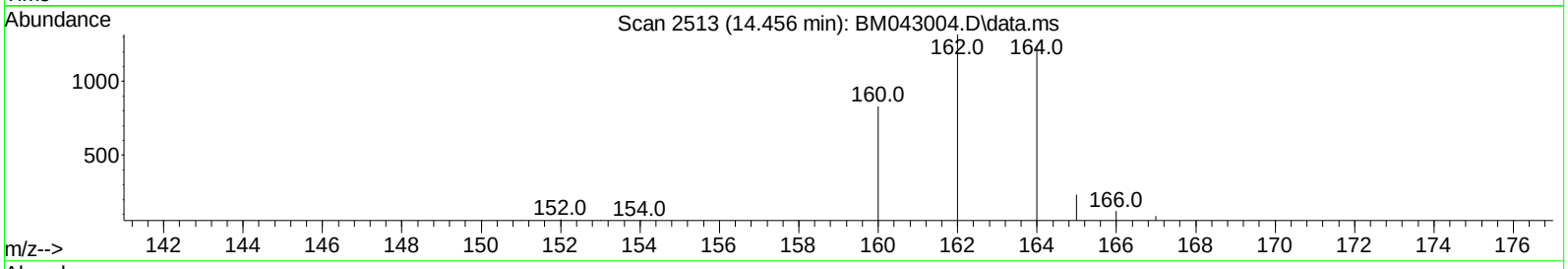

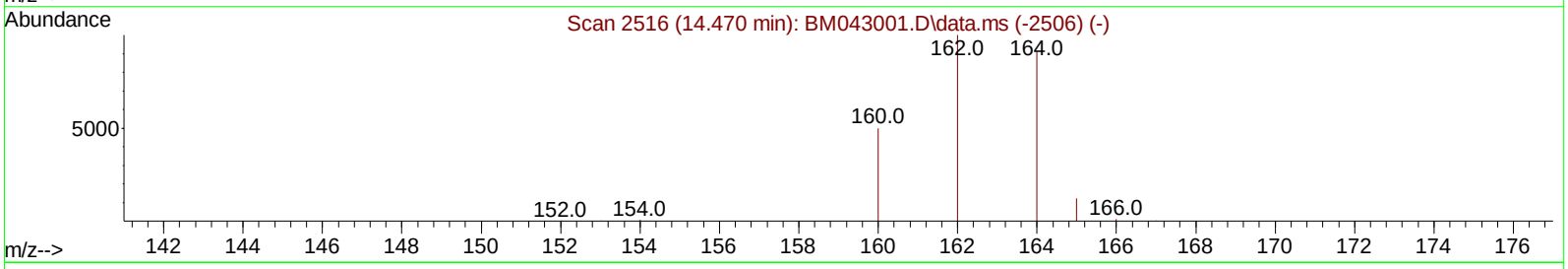

TIC: BM043004.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul m

response 1922

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	106.20
160.00	57.20	66.88
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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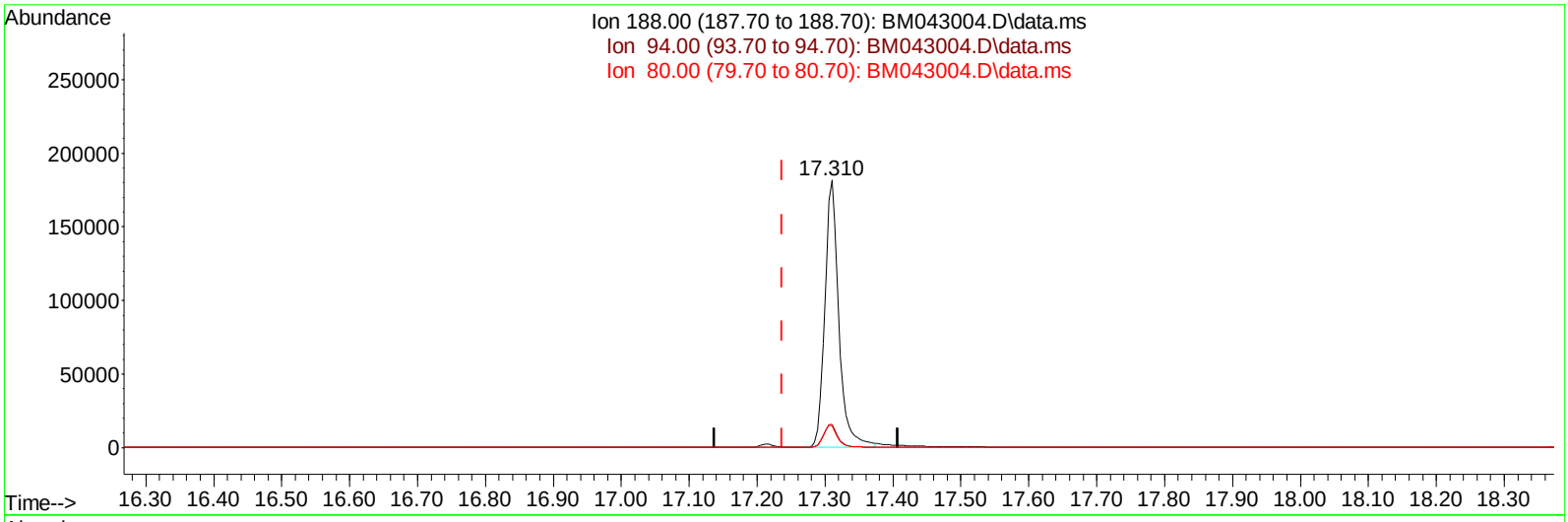
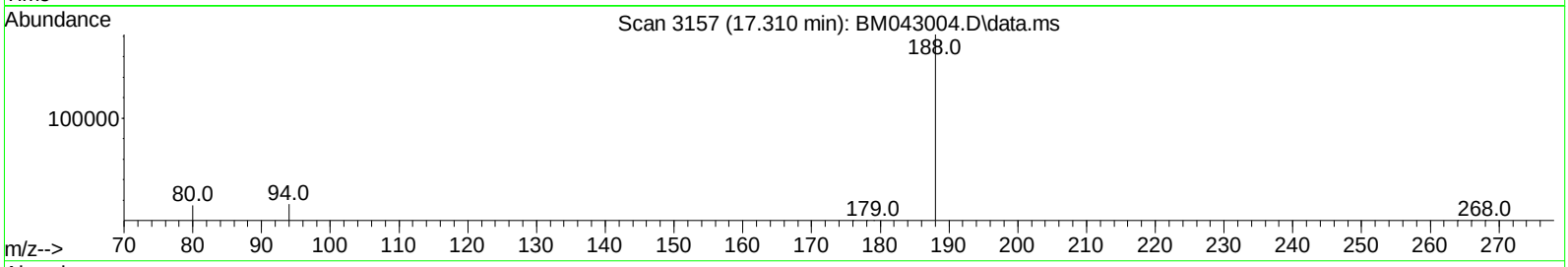
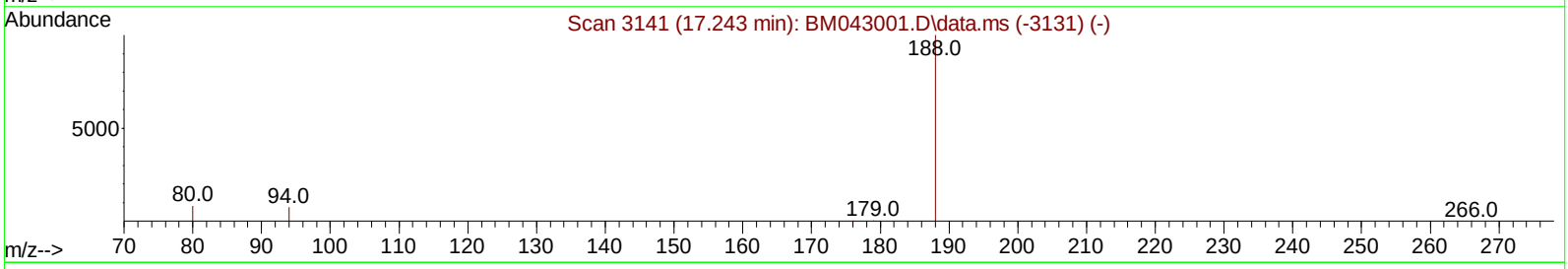






TIC: BM043004.D\data.ms

(13) Phenanthrene-d10 (I)

17.310min (+ 0.073) 0.40 ng/ul

response 261102

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	8.70#
80.00	12.70	8.05#
0.00	0.00	0.00

Quantitation Report (Qedit)

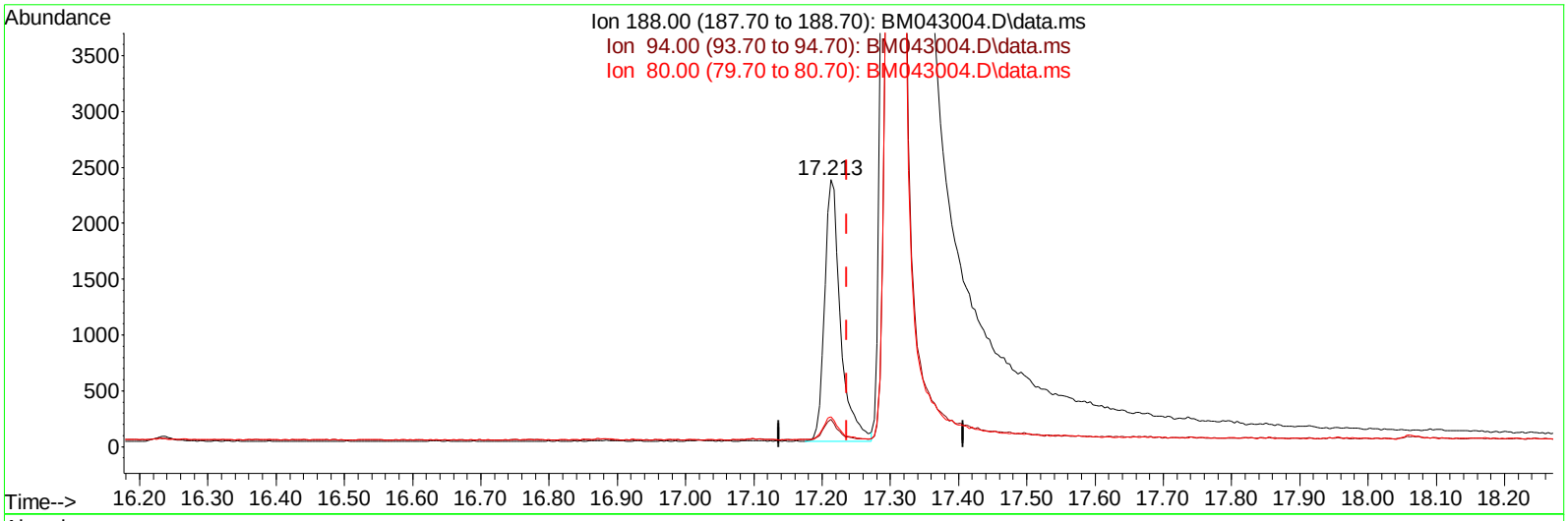
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

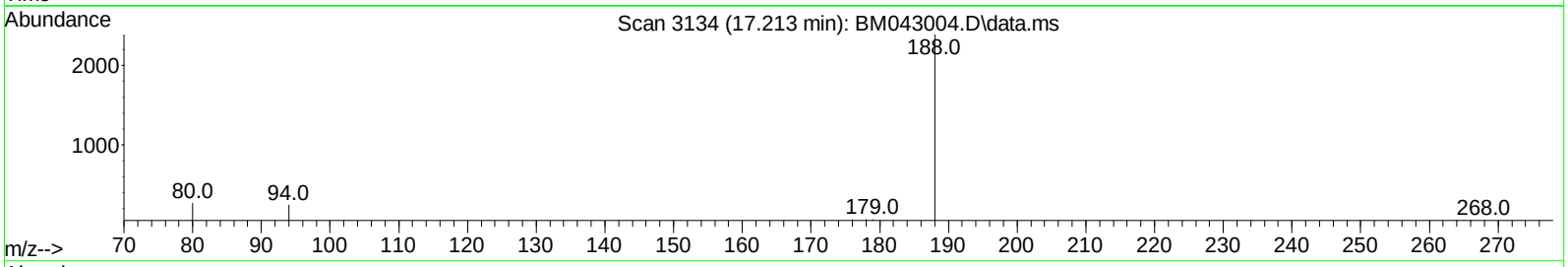
Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

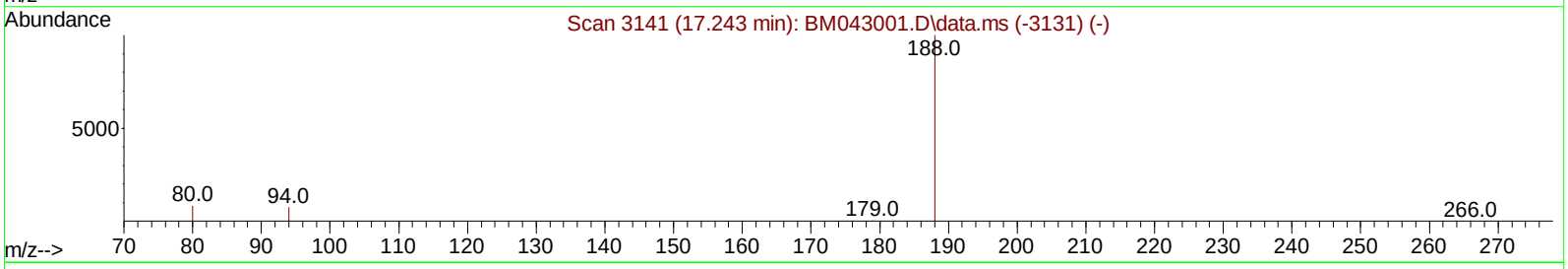
Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM043004.D\data.ms

(13) Phenanthrene-d10 (I)

17.213min (-0.024) 0.40 ng/ul m

response 3792

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.26
80.00	12.70	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

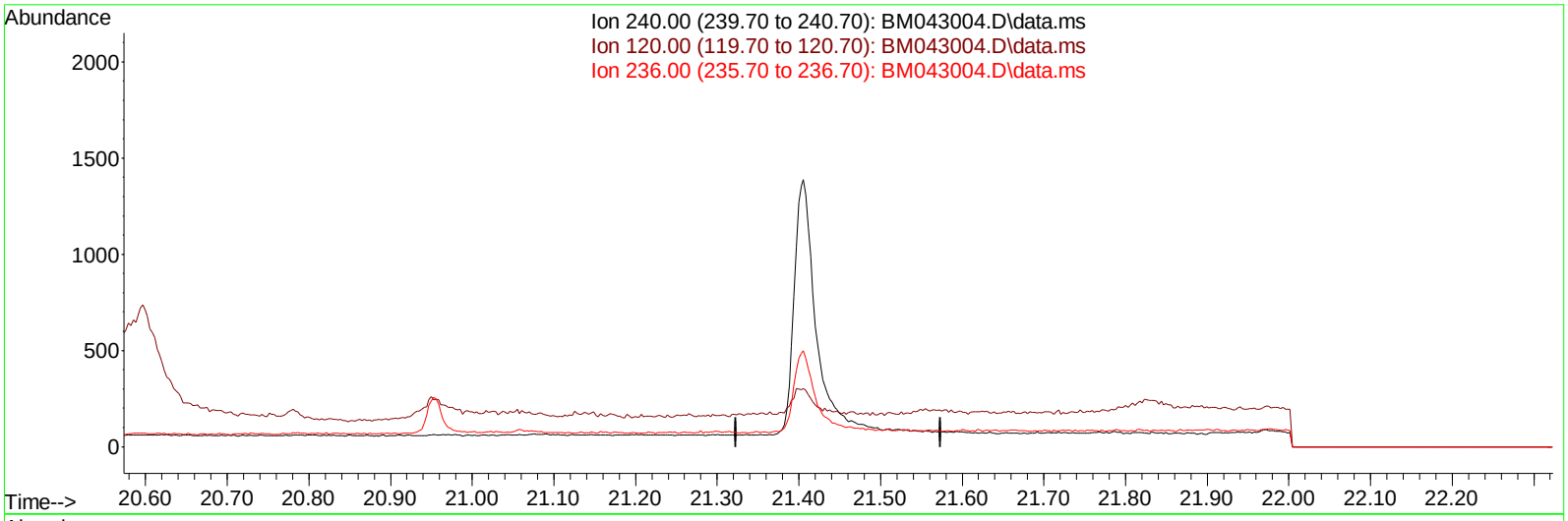
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

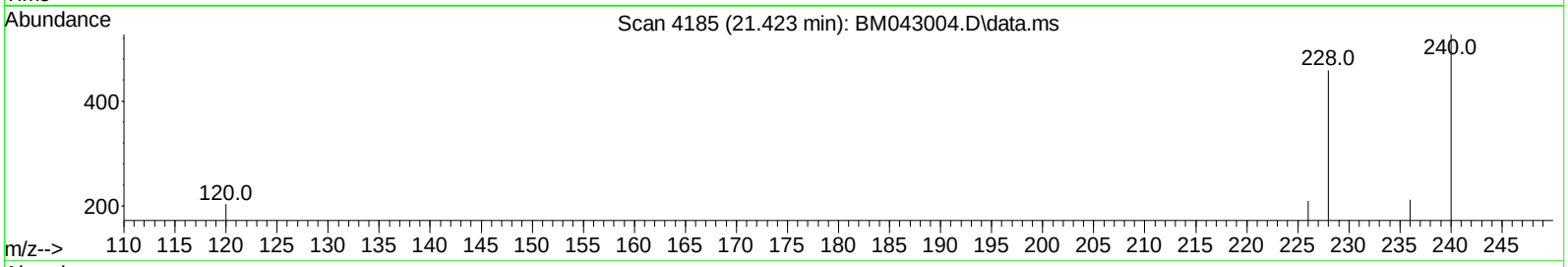
Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

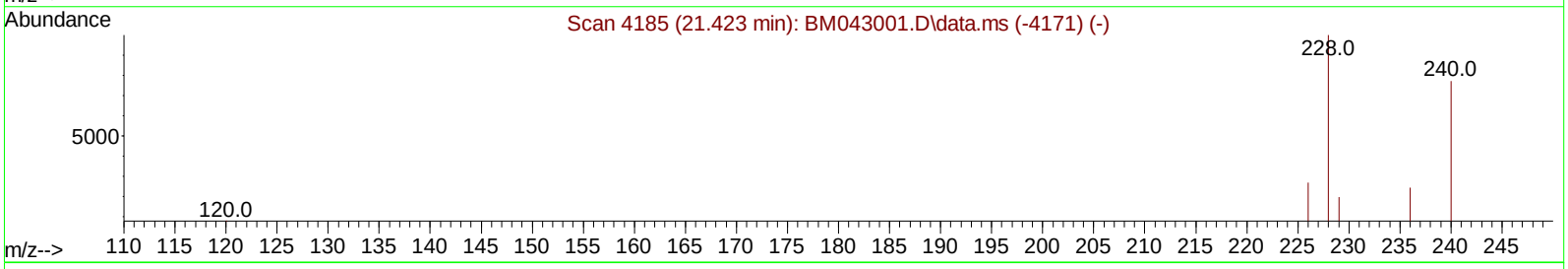
Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM043004.D\data.ms

(17) Chrysene-d12

21.424min (-21.424) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	38.50	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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QLast Update : Mon Nov 27 02:36:19 2023
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Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

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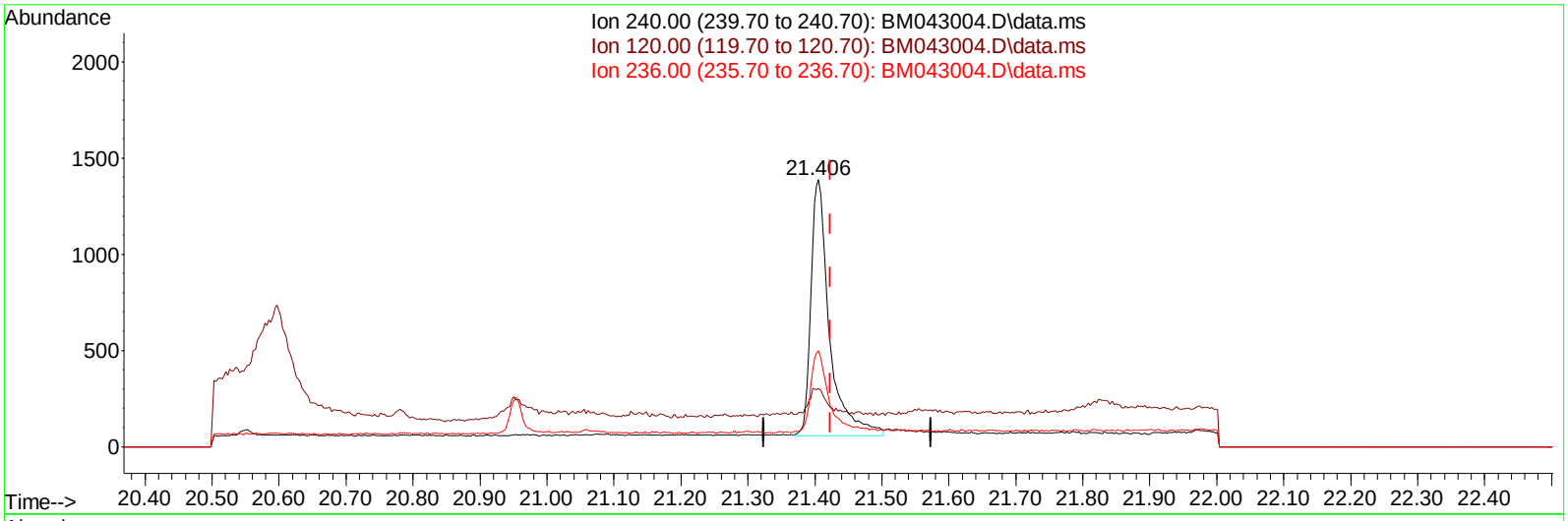

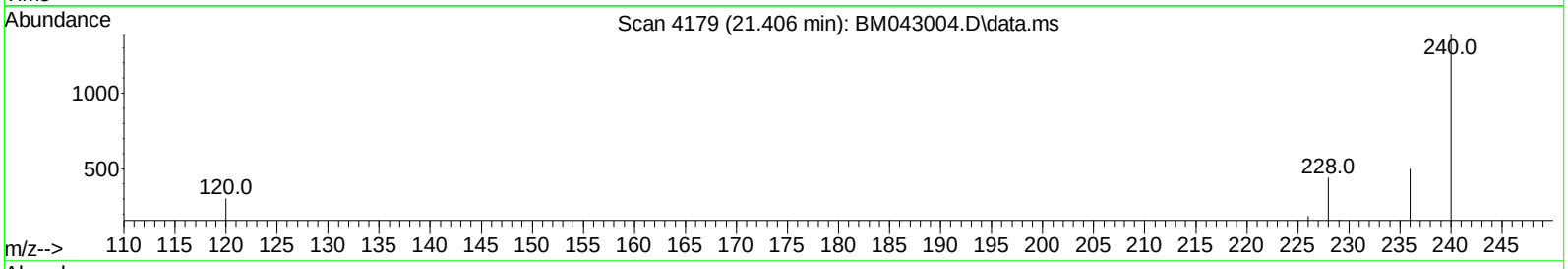

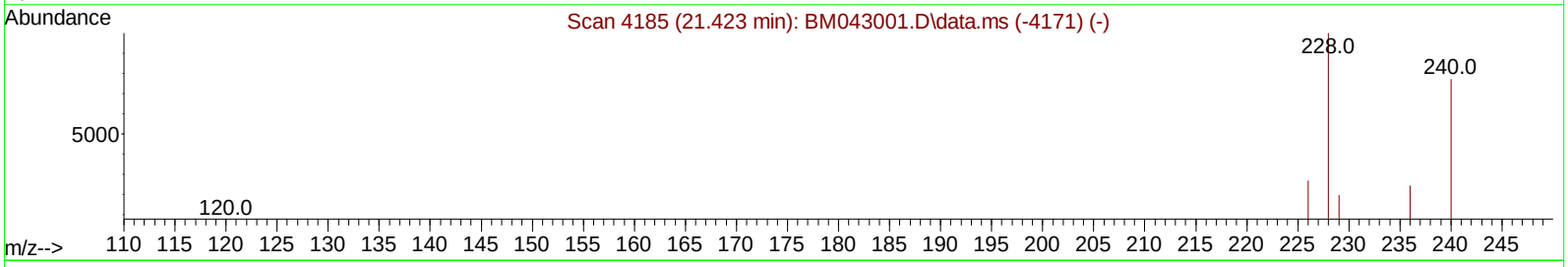

TIC: BM043004.D\data.ms

(17) Chrysene-d12

21.406min (-0.018) 0.40 ng/ul m

response 2548

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	21.77
236.00	38.50	35.98
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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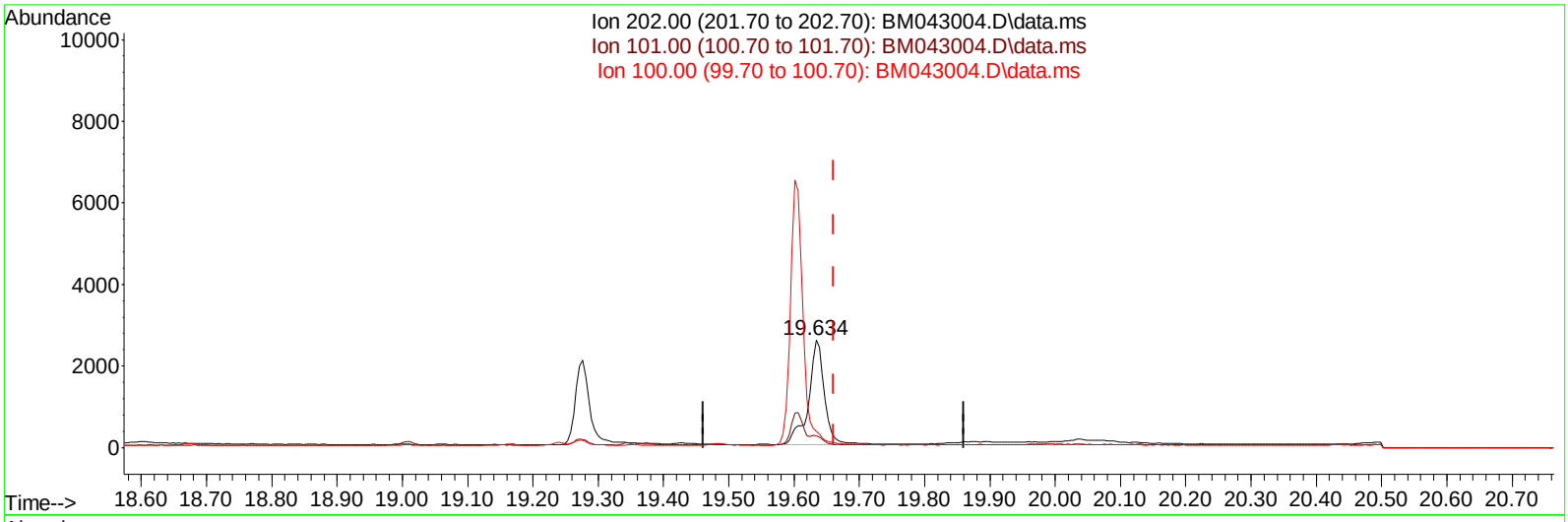

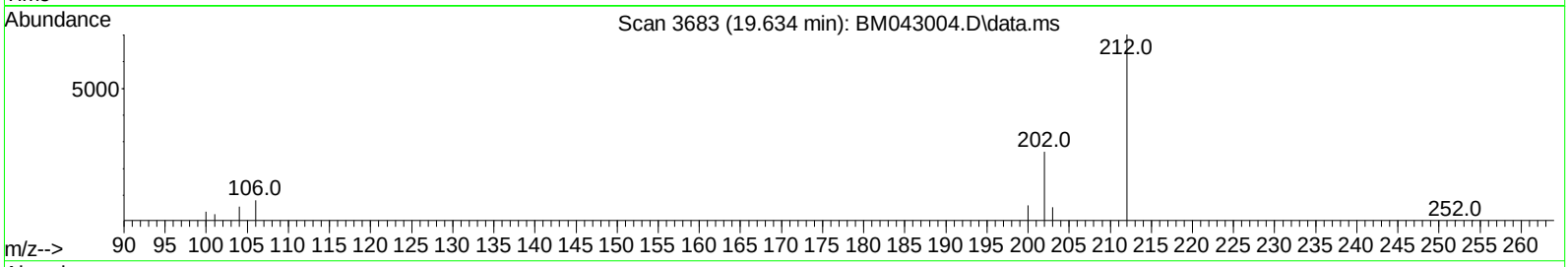

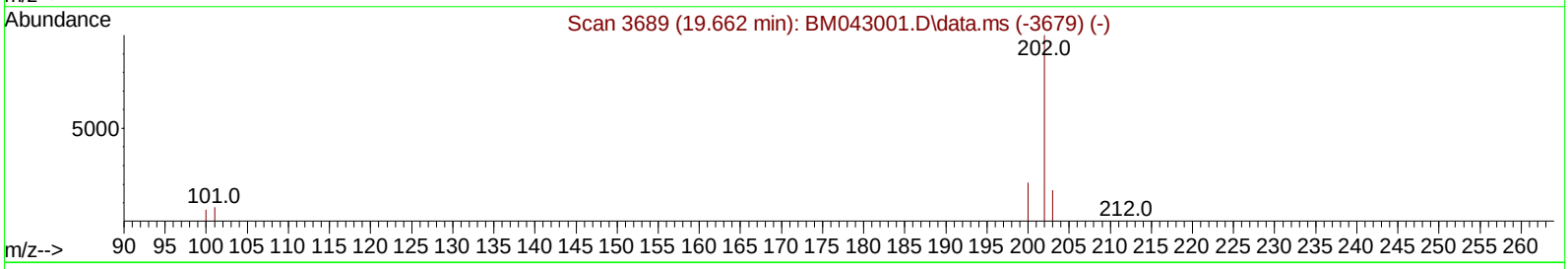

TIC: BM043004.D\data.ms

(20) Pyrene

19.634min (-0.027) 0.29 ng/ul

response 4399

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	10.93
100.00	9.80	15.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Manual IntegrationsAPPROVED

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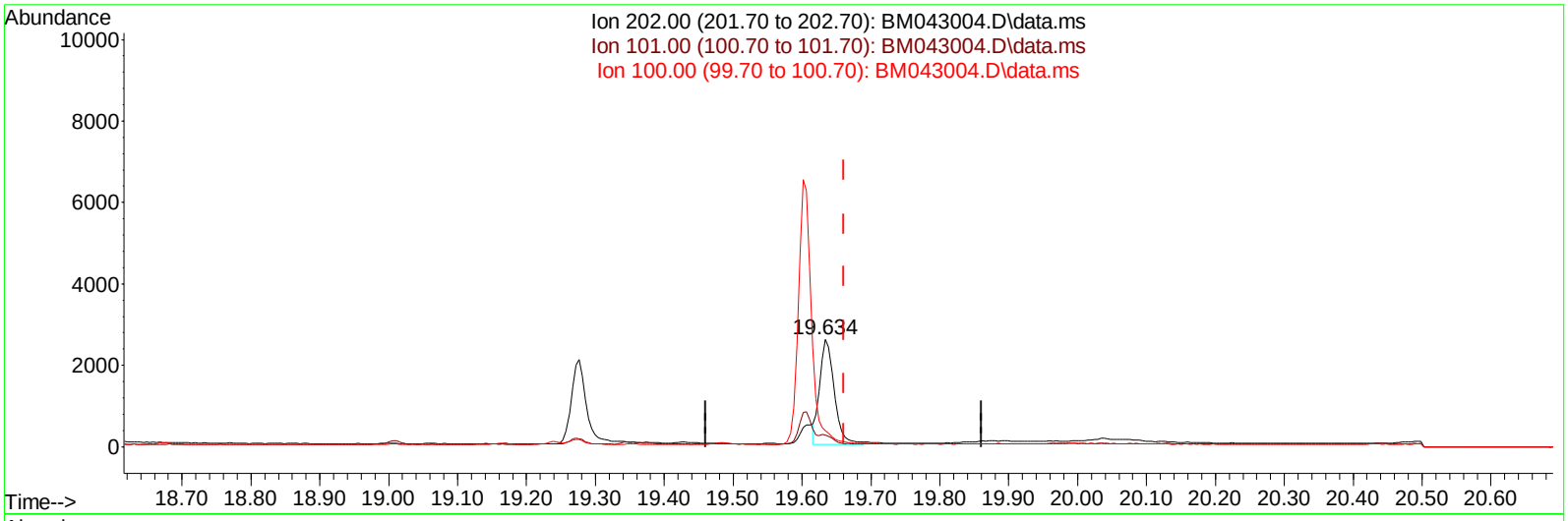

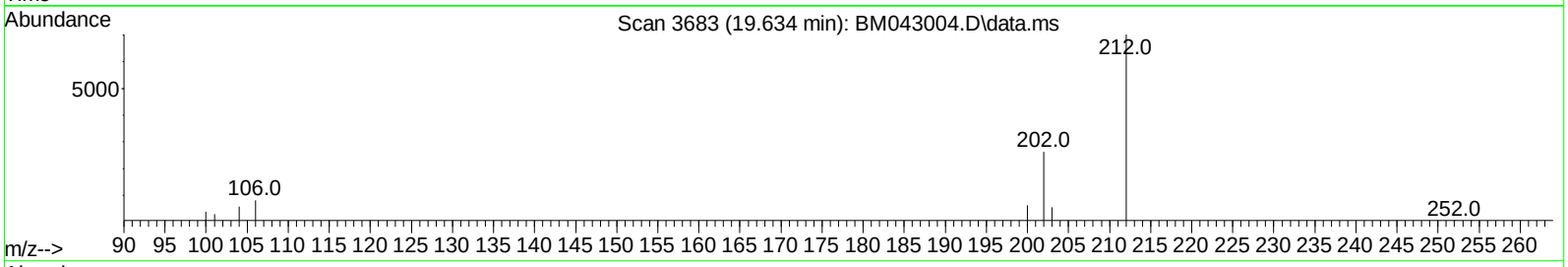

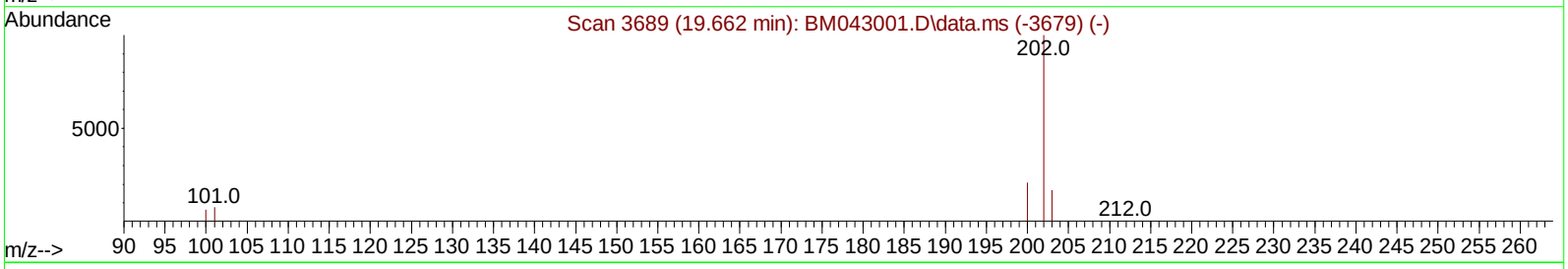

TIC: BM043004.D\data.ms

(20) Pyrene

19.634min (-0.027) 0.24 ng/ul m

response 3750

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	10.93
100.00	9.80	15.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Acq On : 25 Nov 2023 07:14
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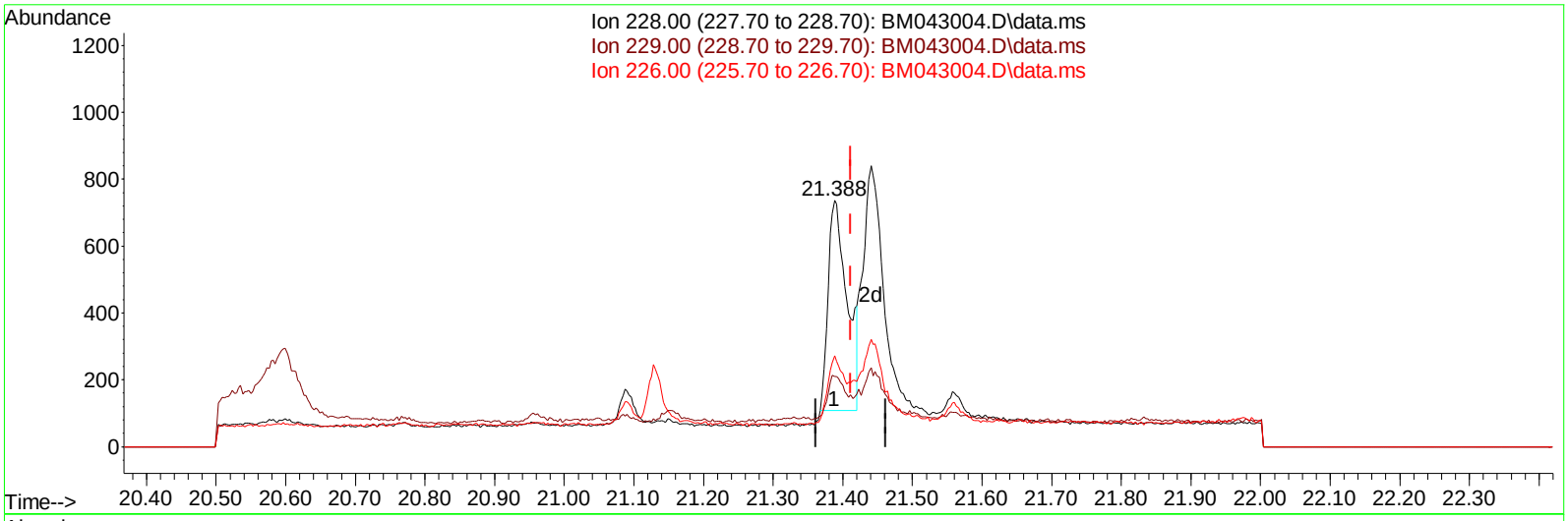
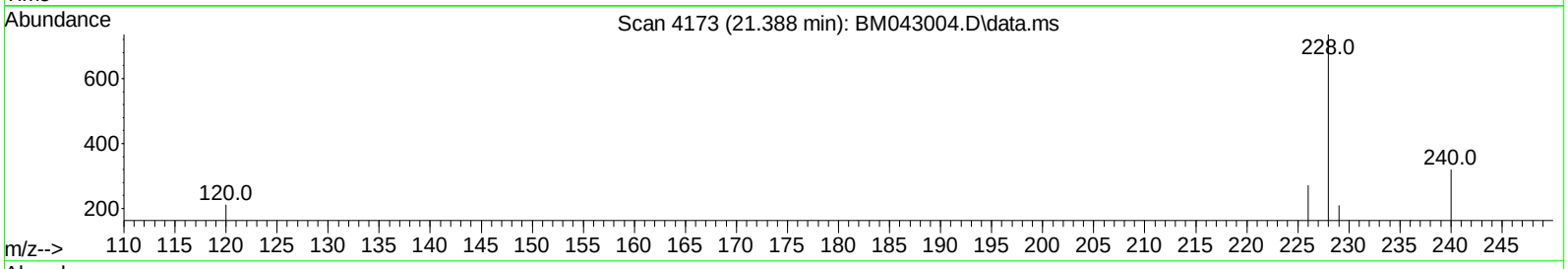
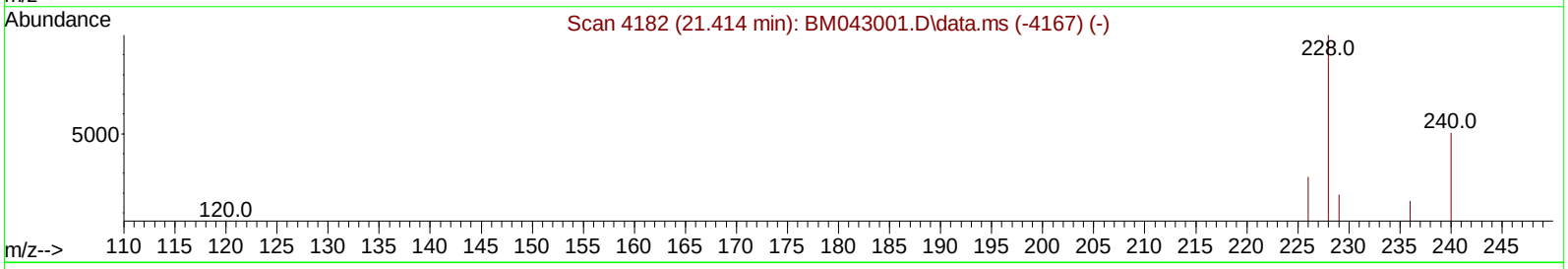






TIC: BM043004.D\data.ms

(21) Benzo(a)anthracene

21.388min (-0.024) 0.14 ng/ul

response 1187

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	28.40
226.00	31.10	36.82
0.00	0.00	0.00

Quantitation Report (Qedit)

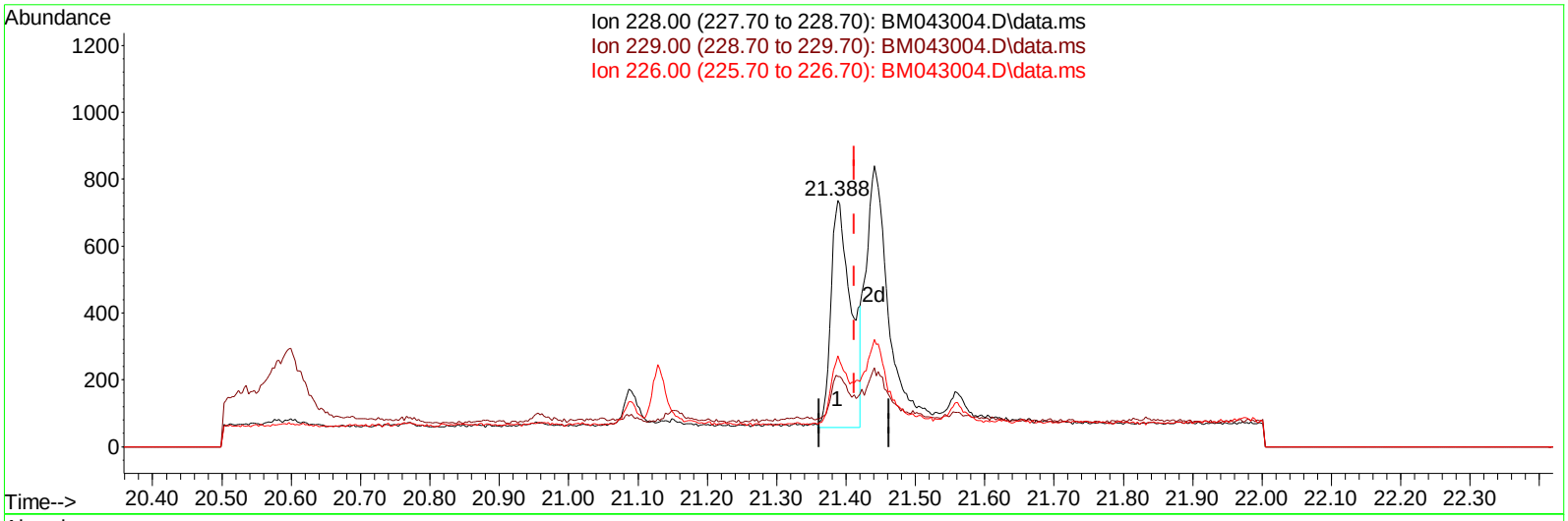
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

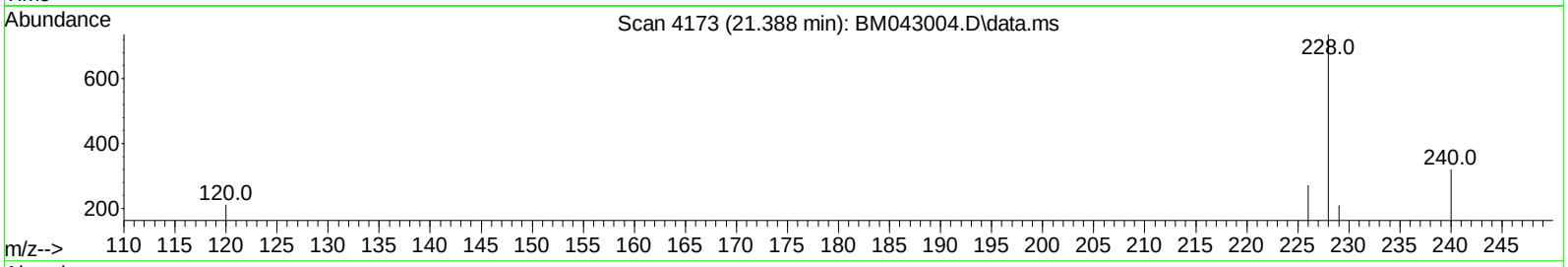
Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

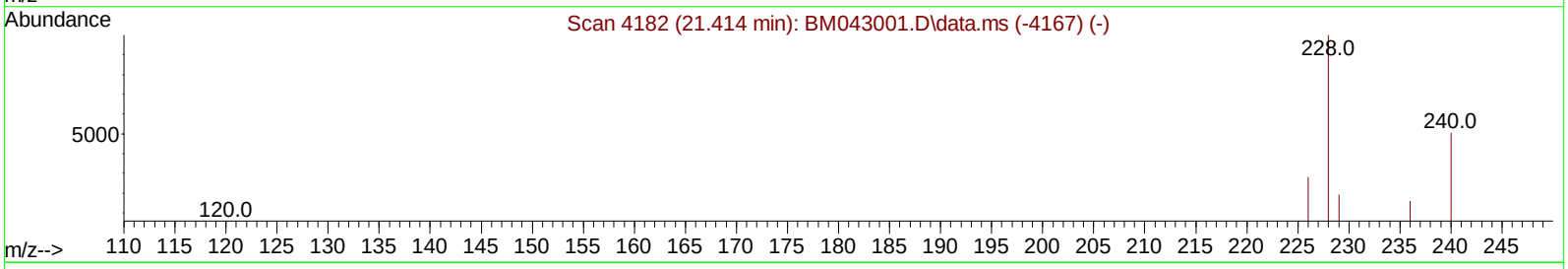
Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM043004.D\data.ms

(21) Benzo(a)anthracene

21.388min (-0.024) 0.16 ng/ul m

response 1364

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	28.40
226.00	31.10	36.82
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 23:00:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

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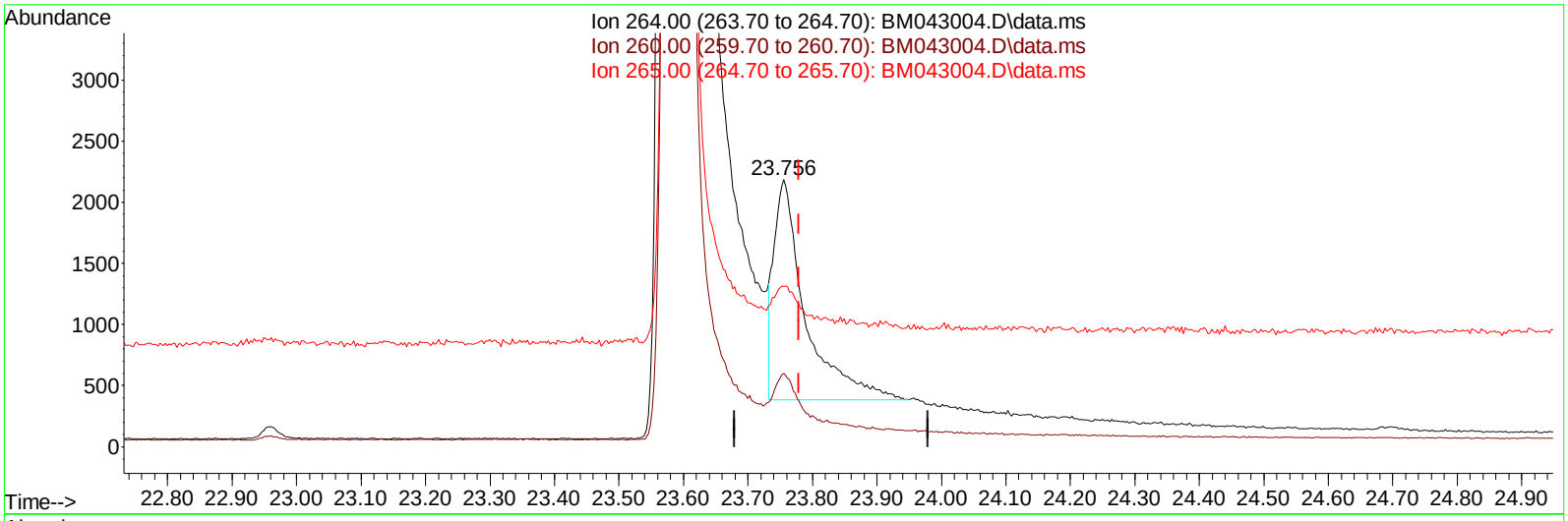

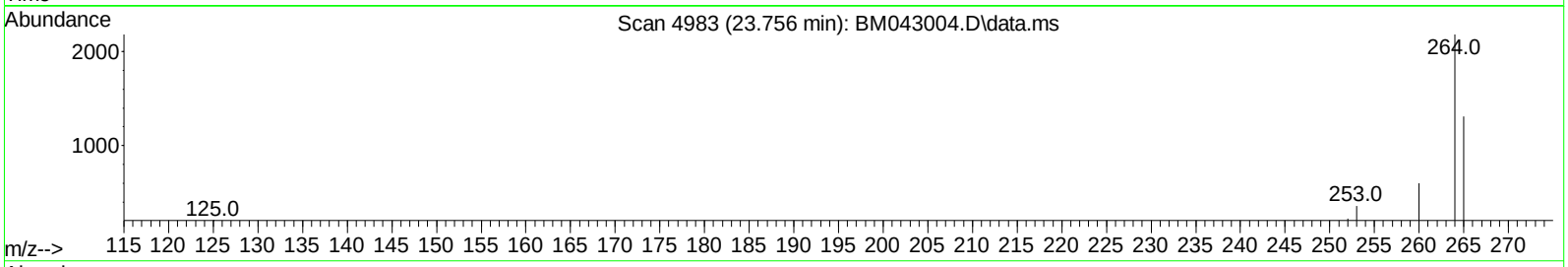

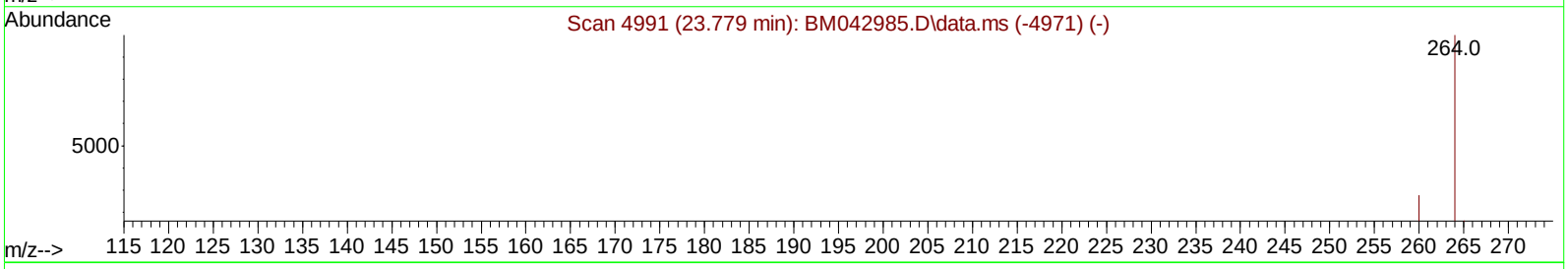

TIC: BM043004.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/ul

response 6103

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.44
265.00	120.30	60.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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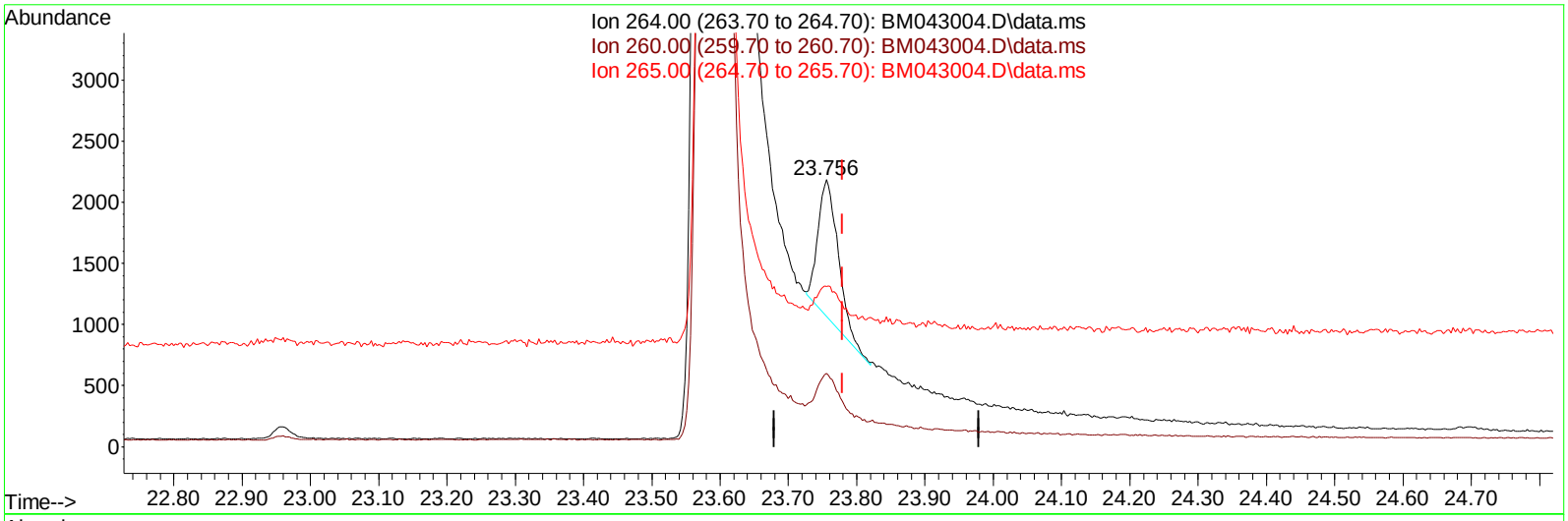

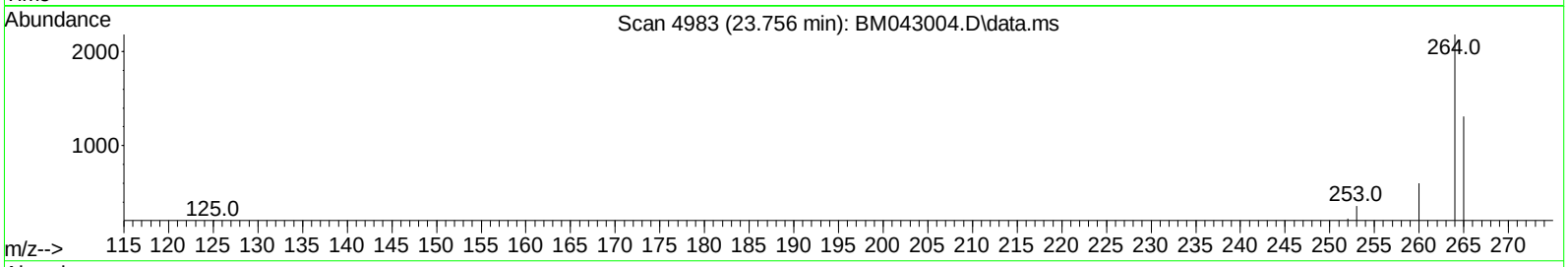

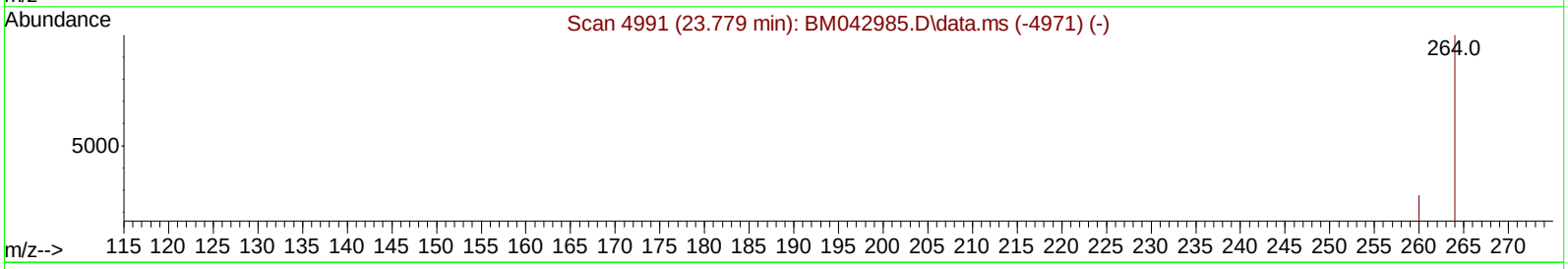

TIC: BM043004.D\data.ms

(23) Perylene-d12 (I)

23.756min (-0.024) 0.40 ng/ul m

response 2267

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.44
265.00	120.30	60.10#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 23:00:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DCKQ7

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Reviewed By :Yogesh Patel 11/28/2023
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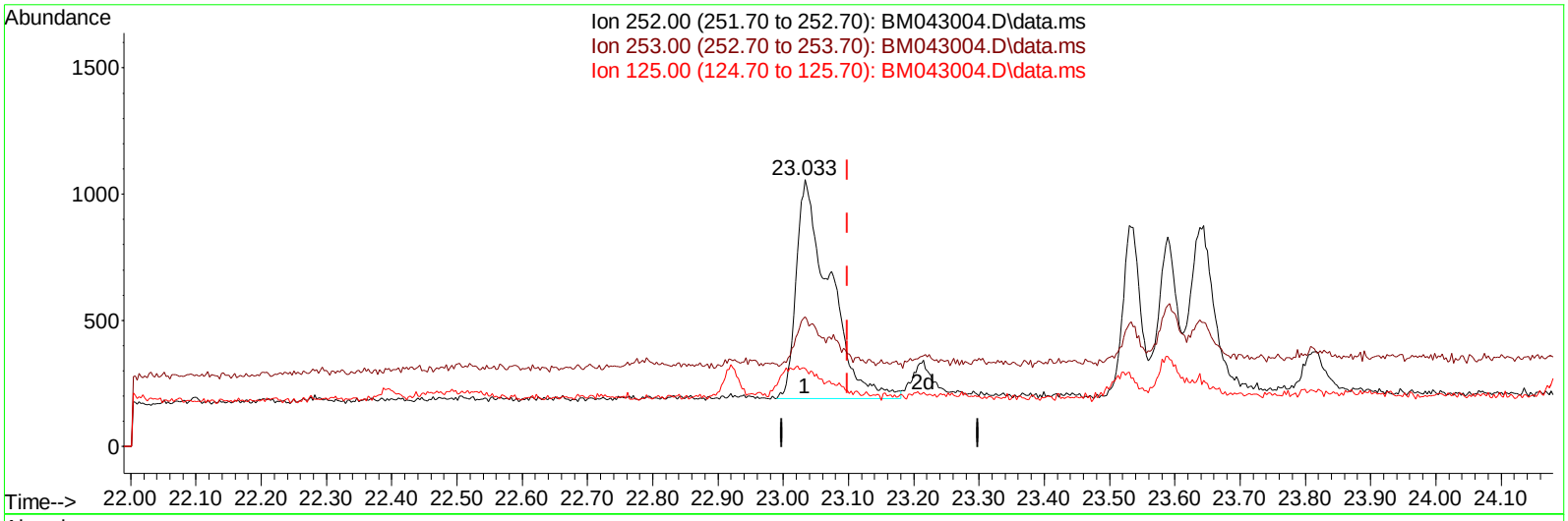

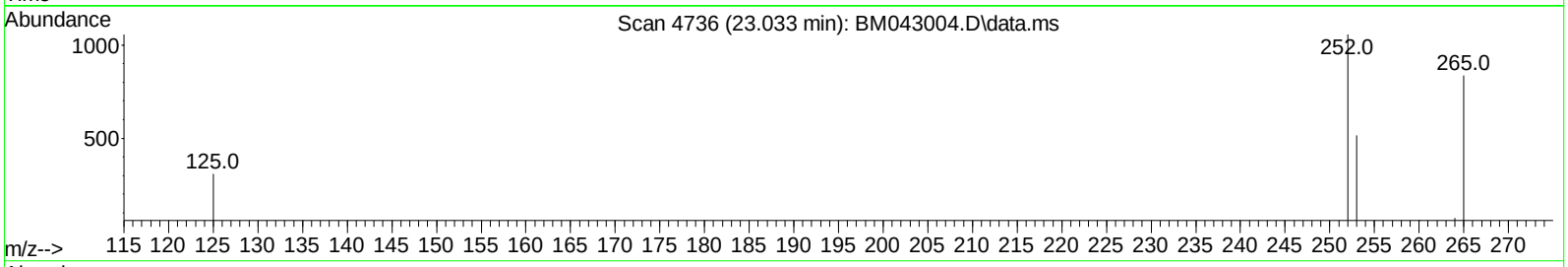

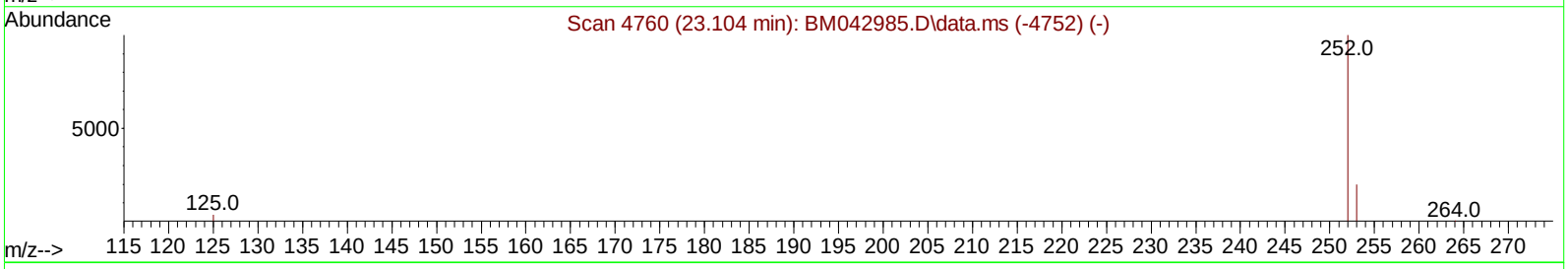

TIC: BM043004.D\data.ms

(25) Benzo(k)fluoranthene

23.033min (-0.065) 0.11 ng/ul

response 3088

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	48.63#
125.00	13.80	29.33#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043004.D
Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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QLast Update : Mon Nov 27 02:36:19 2023
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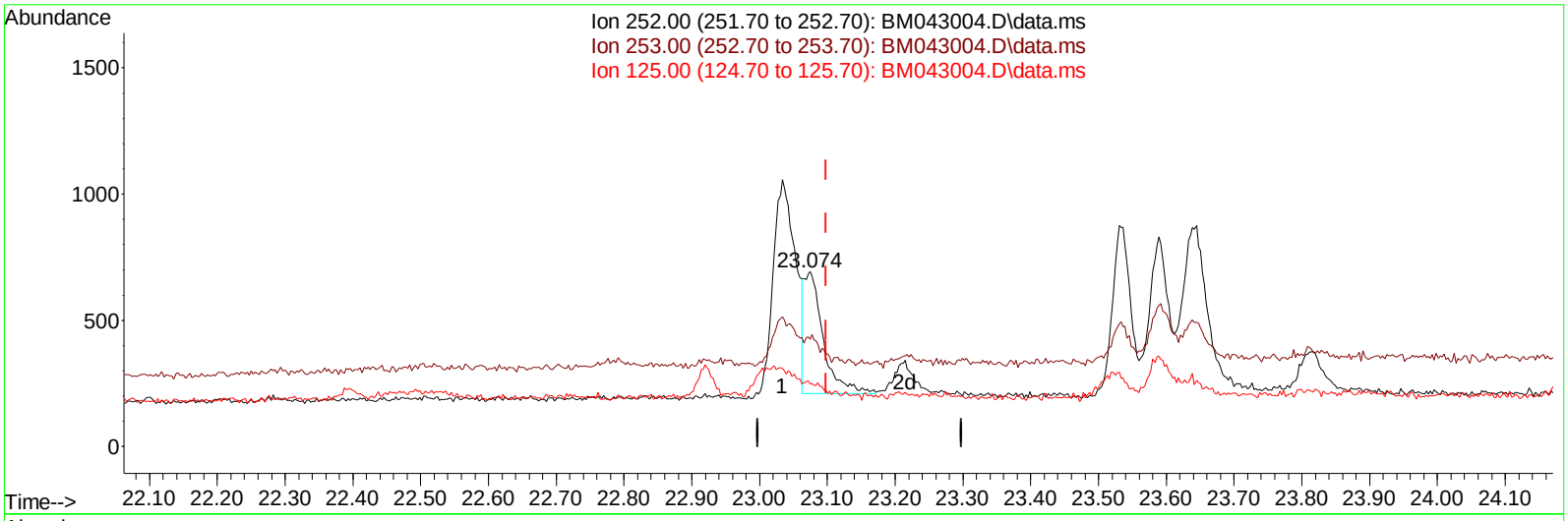
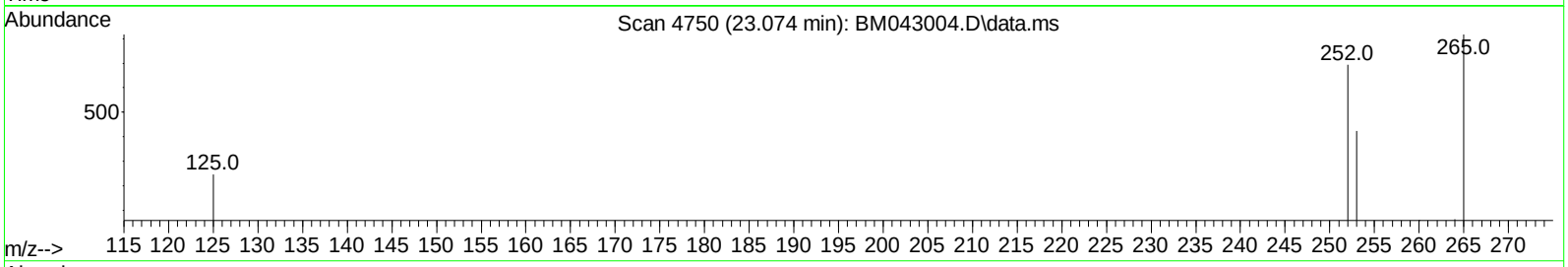
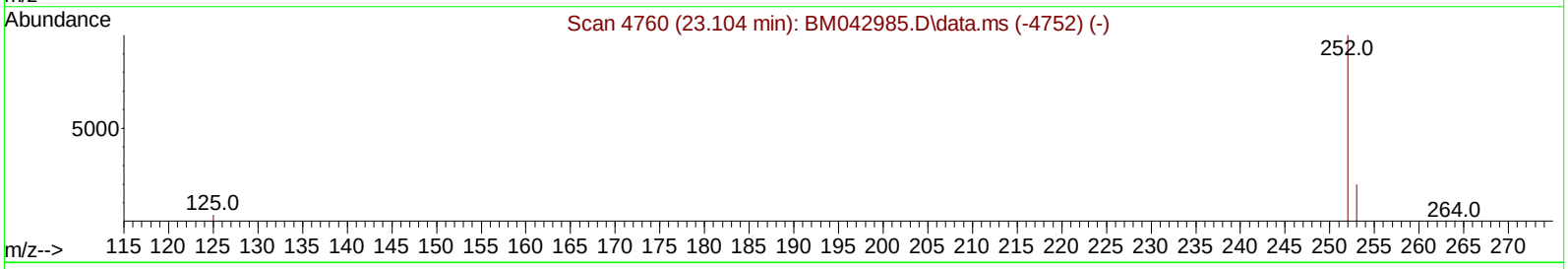
Instrument :
BNA_M
ClientSampleId :
DCKQ7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023







TIC: BM043004.D\data.ms

(25) Benzo(k)fluoranthene

23.074min (-0.024) 0.09 ng/ul m

response 944

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	61.18#
125.00	13.80	35.64#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
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Acq On : 25 Nov 2023 07:14
Operator : MA/JU
Sample : 05261-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 27 02:42:12 2023
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	1101m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	3263	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	1922m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	3792m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.406	240	2548m	0.400	ng/ul	-0.02
23) Perylene-d12	23.756	264	2267m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	3364	1.991	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	1027	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.244	212	2657	0.286	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	14.187	152	296	0.030	ng/ul#	60
15) Phenanthrene	17.255	178	1411	0.130	ng/ul	97
19) Fluoranthene	19.276	202	3223	0.223	ng/ul	98
20) Pyrene	19.634	202	3750m	0.244	ng/ul	
21) Benzo(a)anthracene	21.388	228	1364m	0.165	ng/ul	
22) Chrysene	21.441	228	1671	0.109	ng/ul#	91
24) Benzo(b)fluoranthene	23.033	252	2006	0.262	ng/ul#	74
25) Benzo(k)fluoranthene	23.074	252	944m	0.090	ng/ul	
26) Benzo(a)pyrene	23.644	252	1548	0.185	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.225	276	1281	0.113	ng/ul#	100
29) Benzo(g,h,i)perylene	26.989	276	1421	0.129	ng/ul#	86

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

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