Quantitation Report (Qedit)

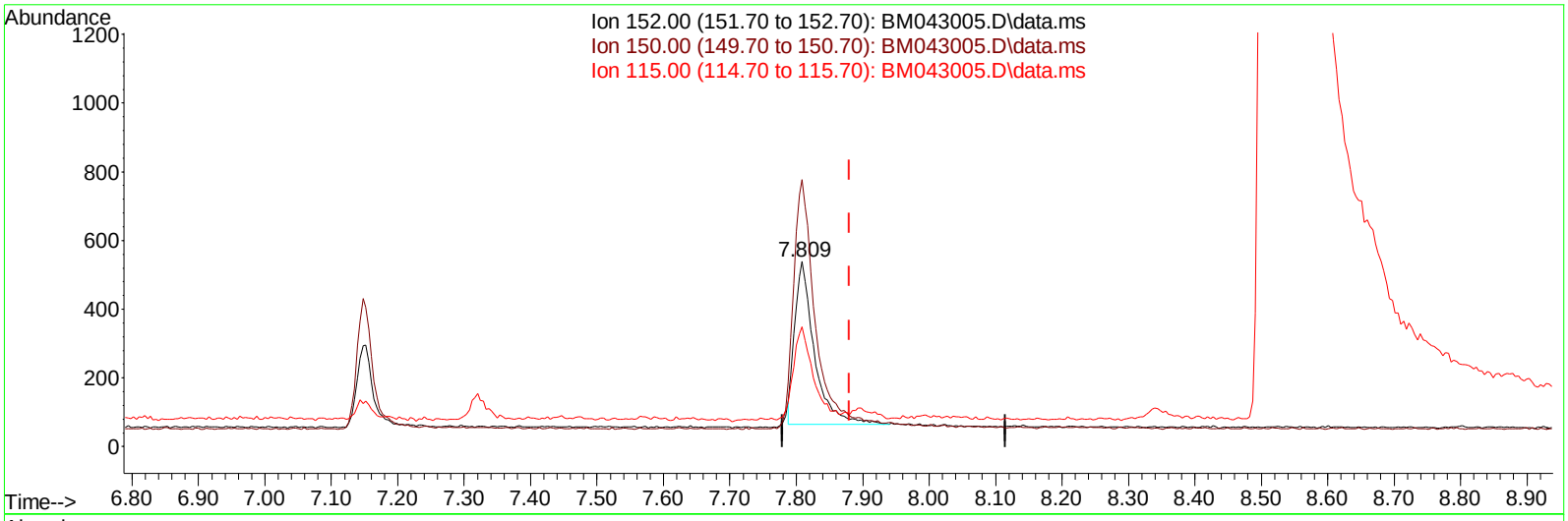
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

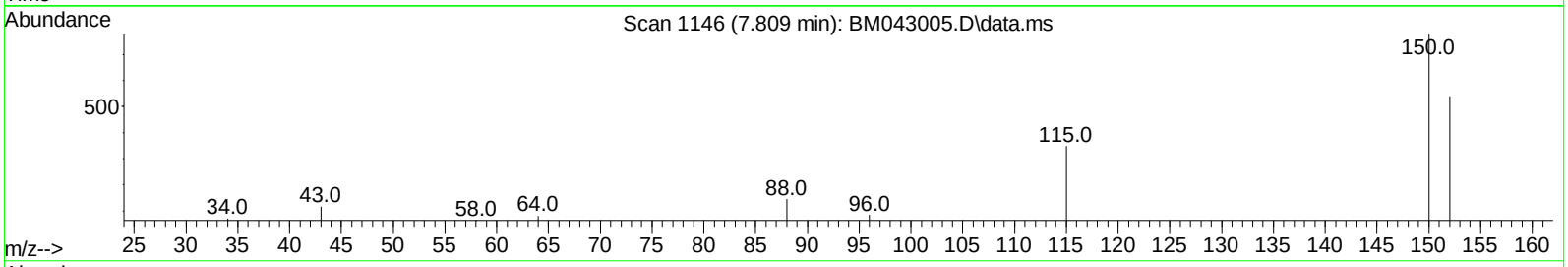
Quant Time: Nov 27 02:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

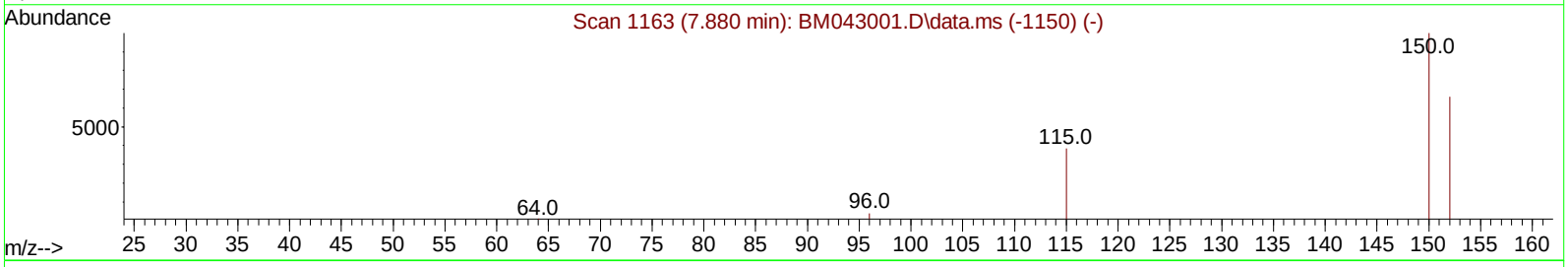
Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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







TIC: BM043005.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul

response 981

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.89
115.00	89.60	64.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
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BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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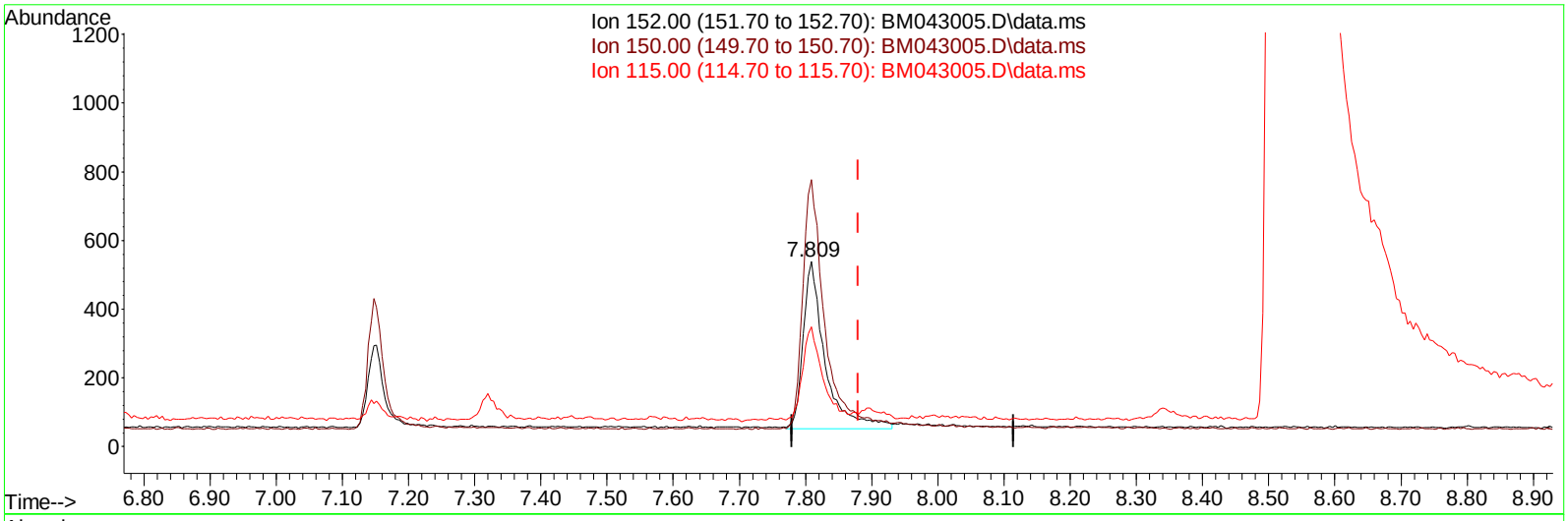

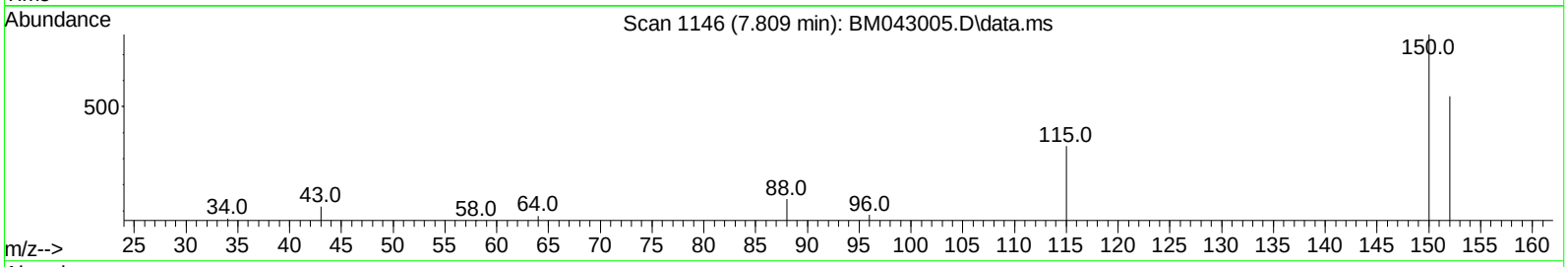

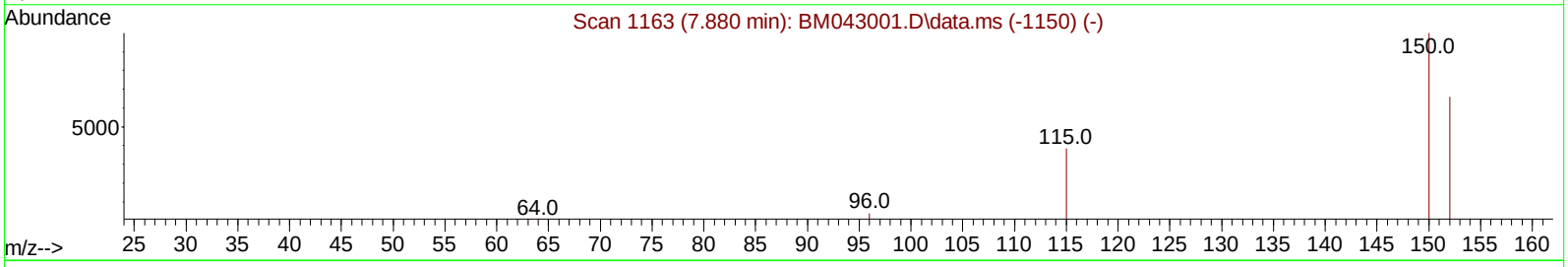

TIC: BM043005.D\data.ms

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

7.809min (-0.071) 0.40 ng/ul m

response 1119

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	124.60	143.89
115.00	89.60	64.44#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
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ClientSampleId :
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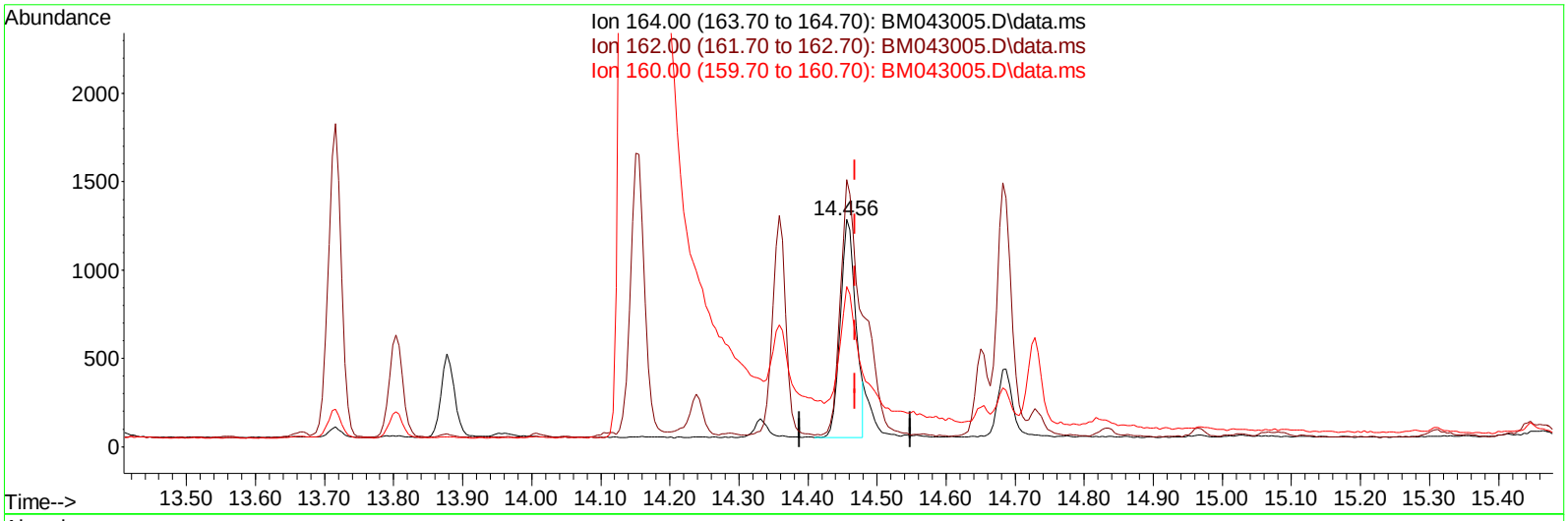

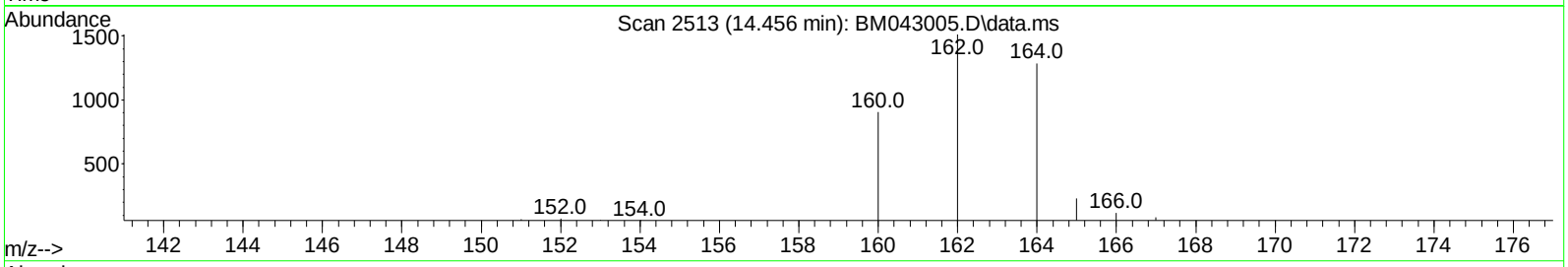

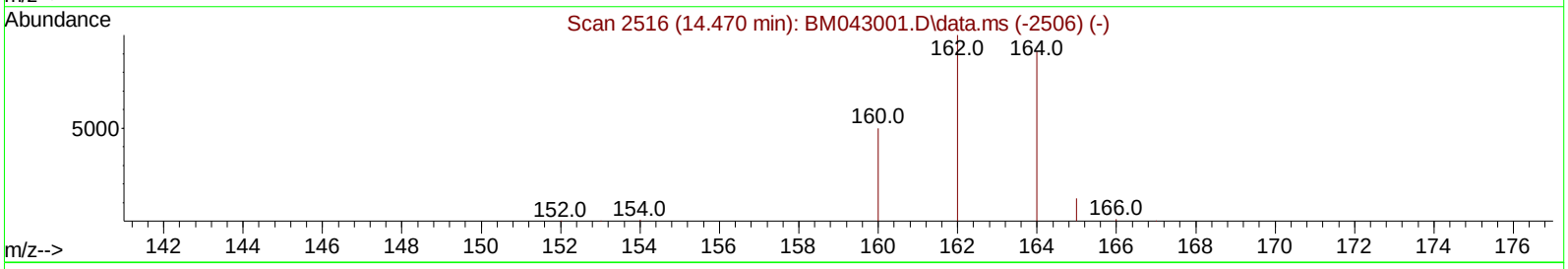

TIC: BM043005.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul

response 1920

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	117.40
160.00	57.20	70.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 27 02:42:19 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 :
DCKQ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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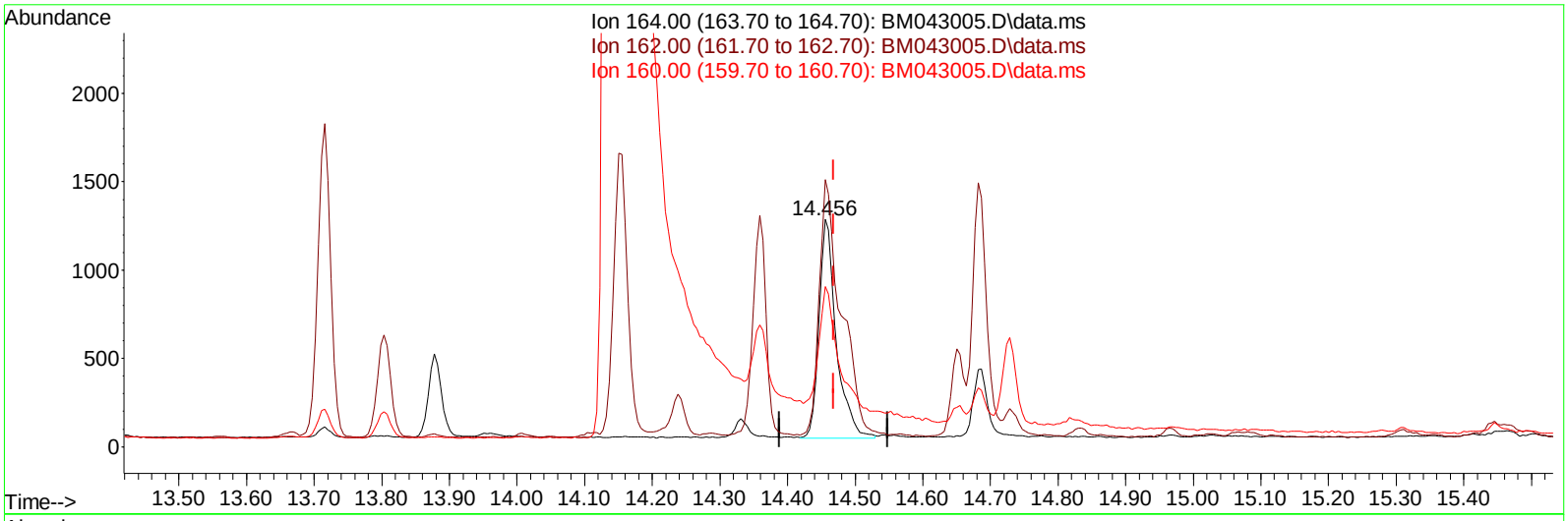

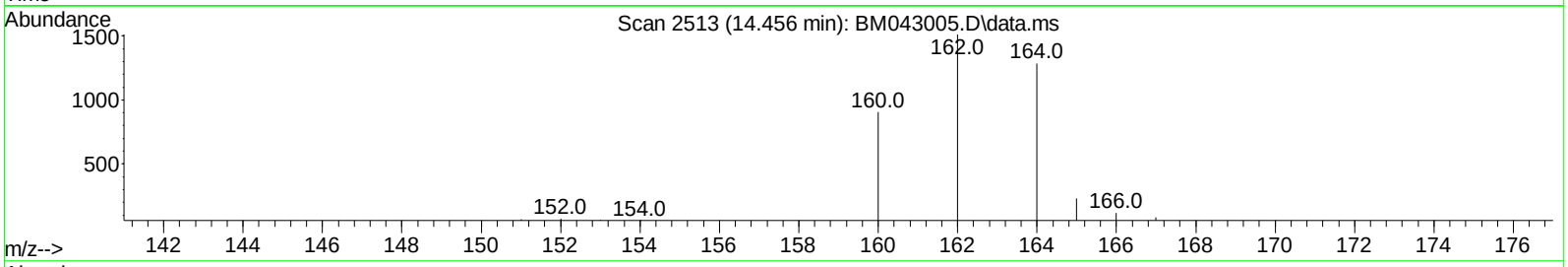

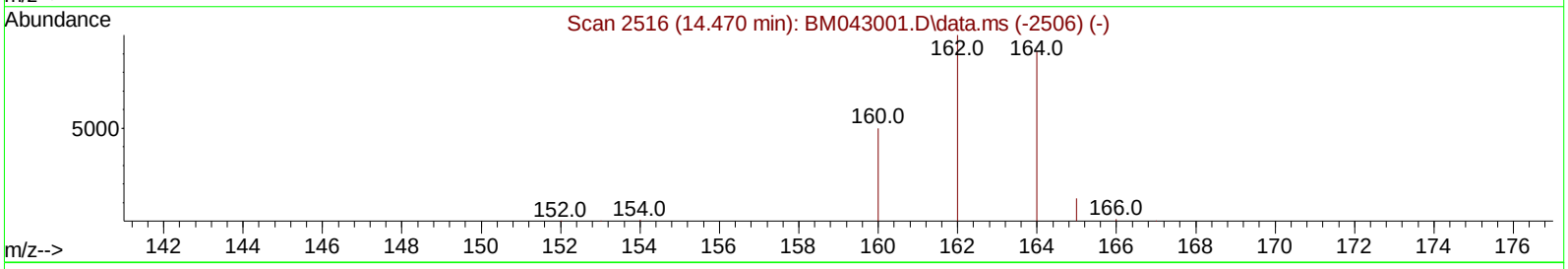

TIC: BM043005.D\data.ms

(9) Acenaphthene-d10 (I)

14.456min (-0.013) 0.40 ng/ul m

response 2182

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	106.50	117.40
160.00	57.20	70.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 27 02:42:19 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
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Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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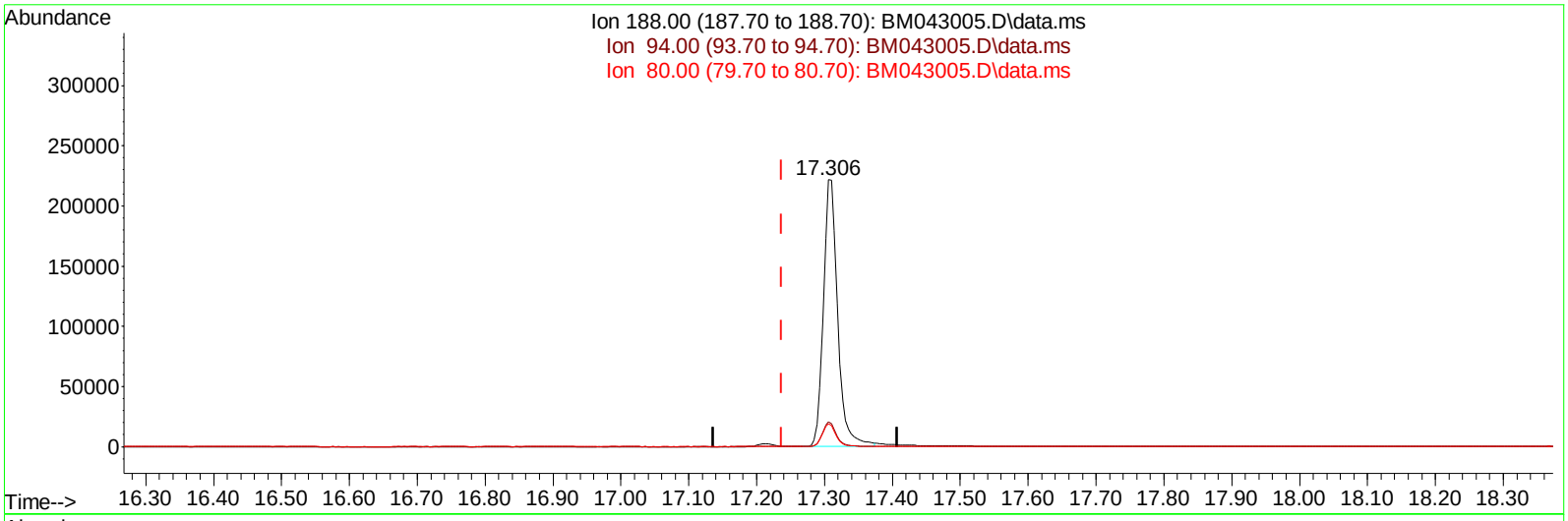
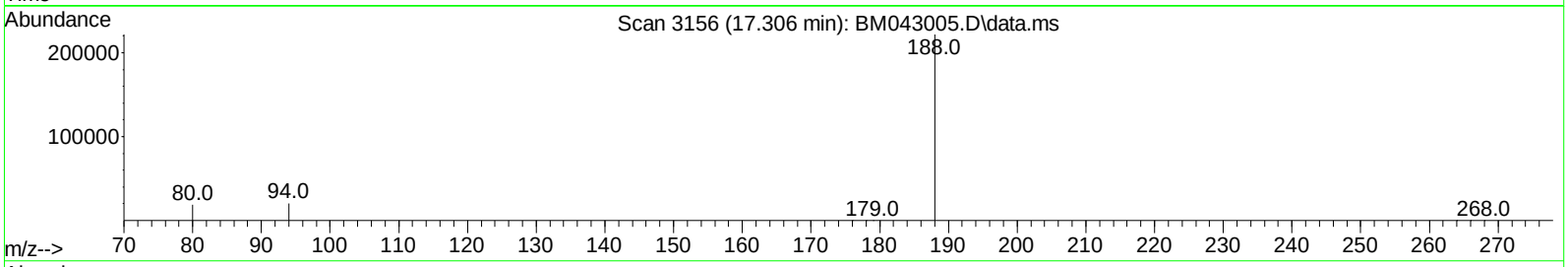
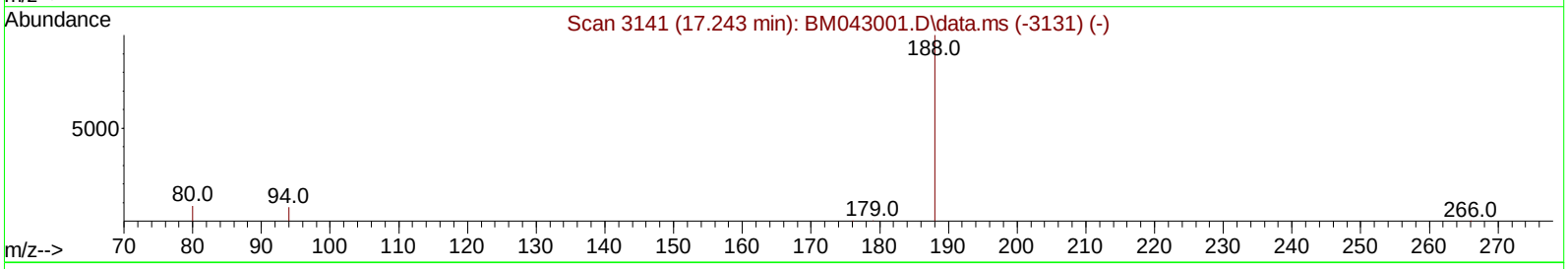






TIC: BM043005.D\data.ms

(13) Phenanthrene-d10 (I)

17.306min (+ 0.069) 0.40 ng/ul

response 325077

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	9.26
80.00	12.70	8.65#
0.00	0.00	0.00

Quantitation Report (Qedit)

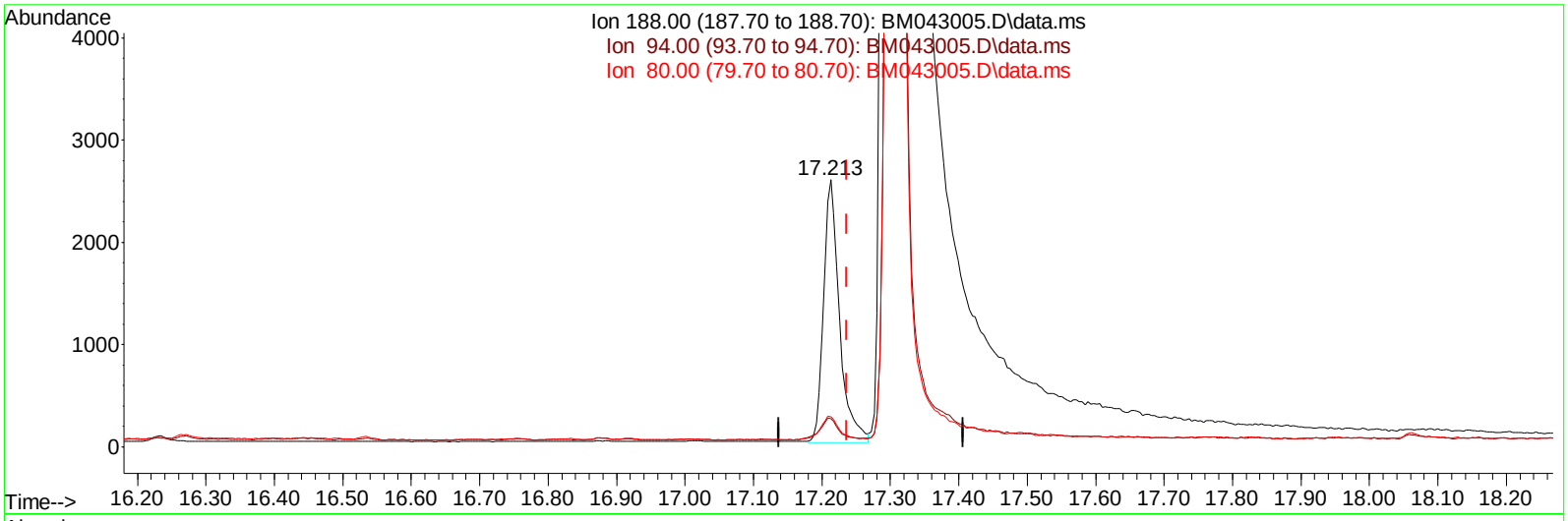
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

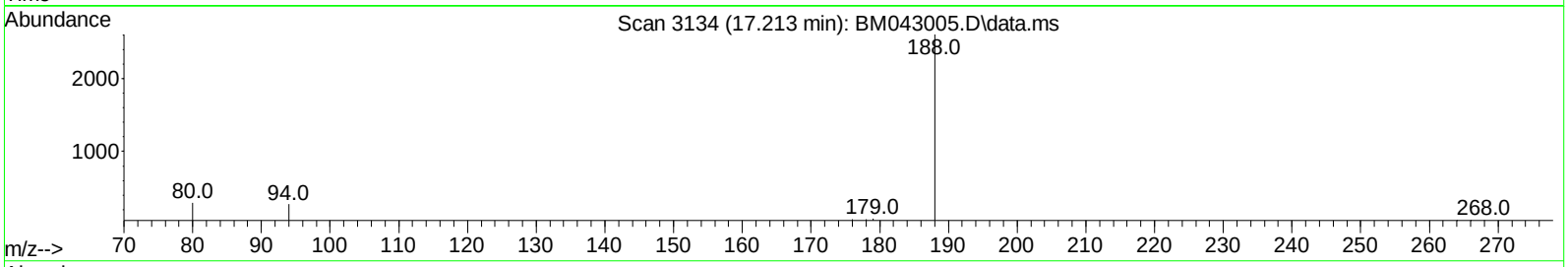
Quant Time: Nov 27 02:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

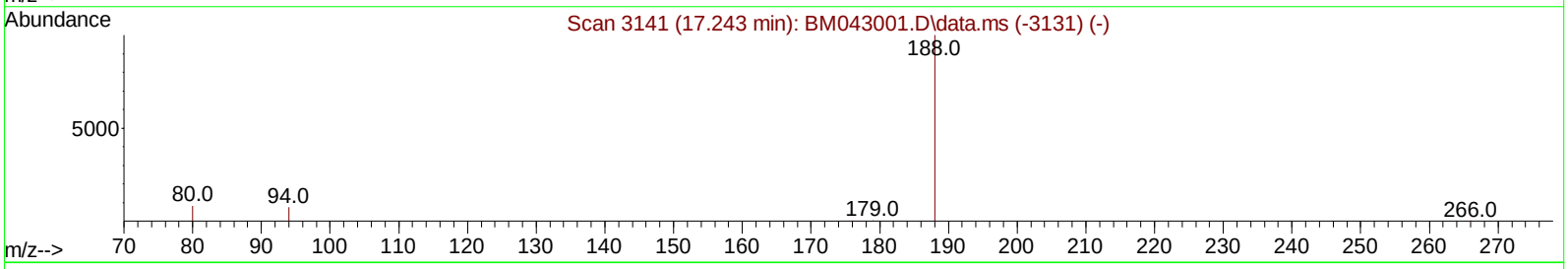
Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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







TIC: BM043005.D\data.ms

(13) Phenanthrene-d10 (I)

17.213min (-0.024) 0.40 ng/ul m

response 4151

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.40	10.50
80.00	12.70	11.26
0.00	0.00	0.00

Quantitation Report (Qedit)

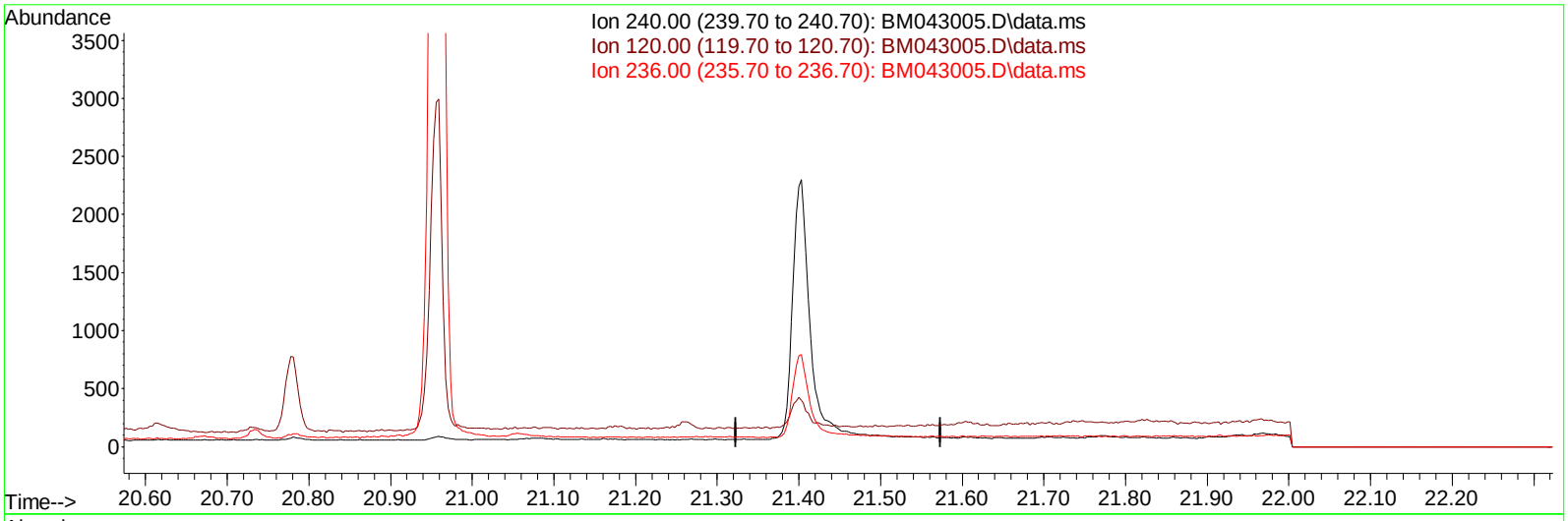
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

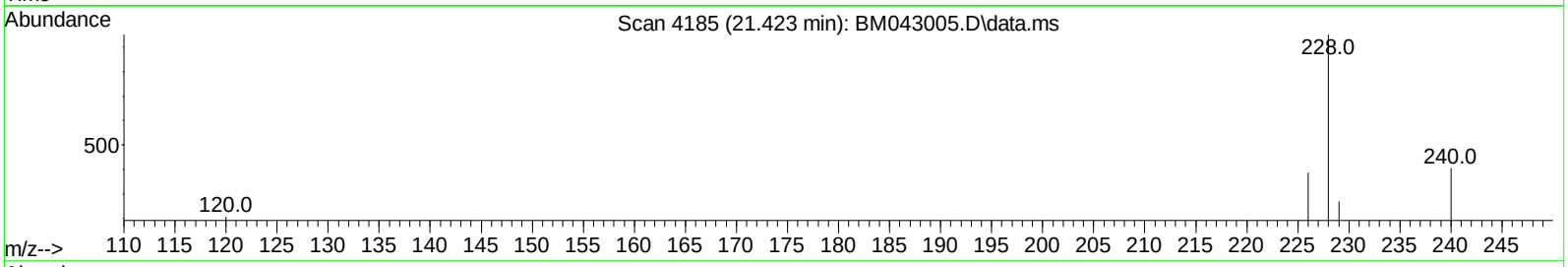
Quant Time: Nov 27 02:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

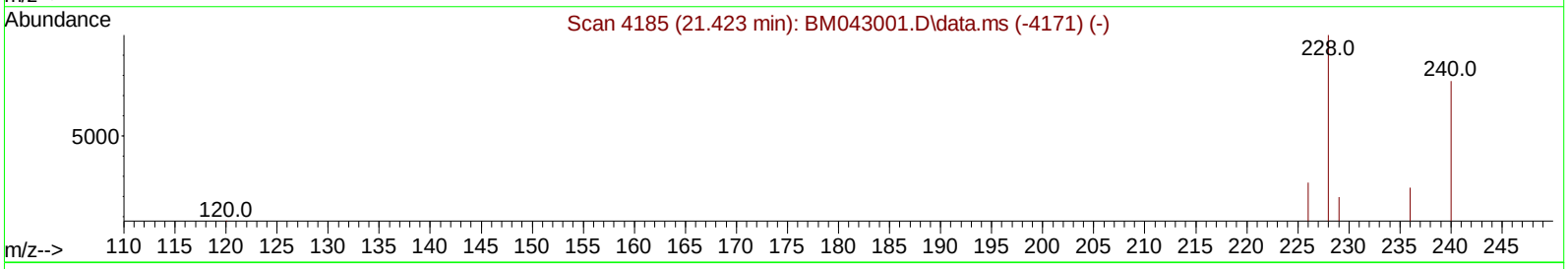
Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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







TIC: BM043005.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\
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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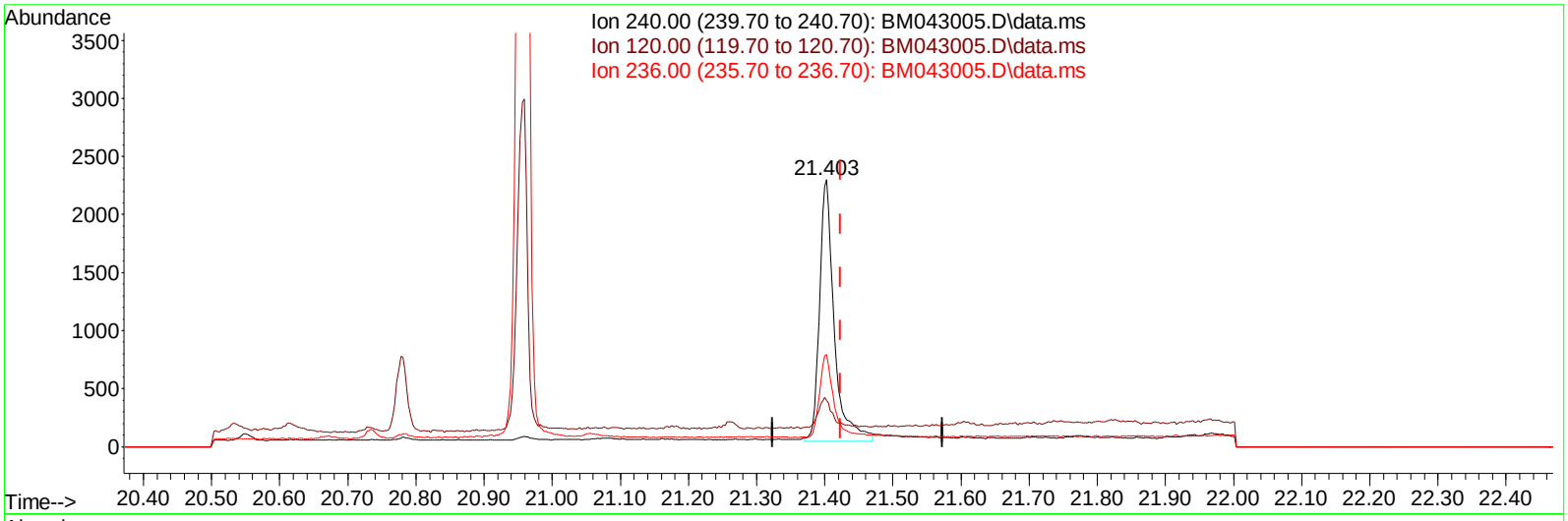

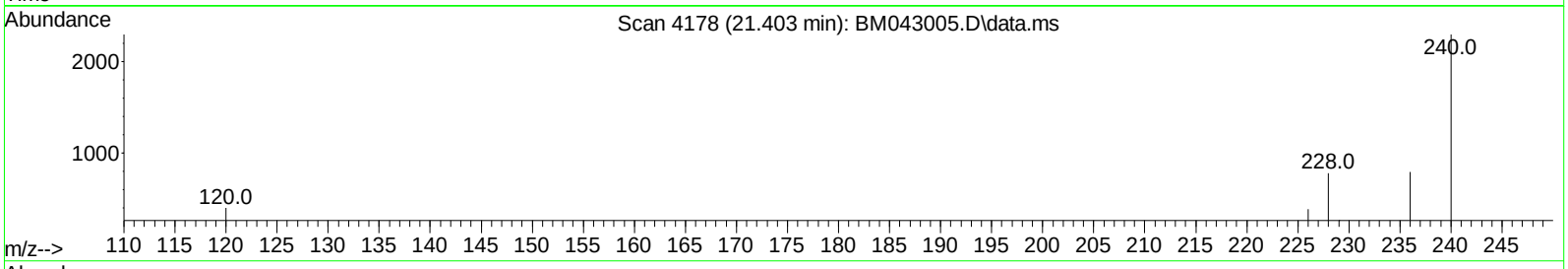

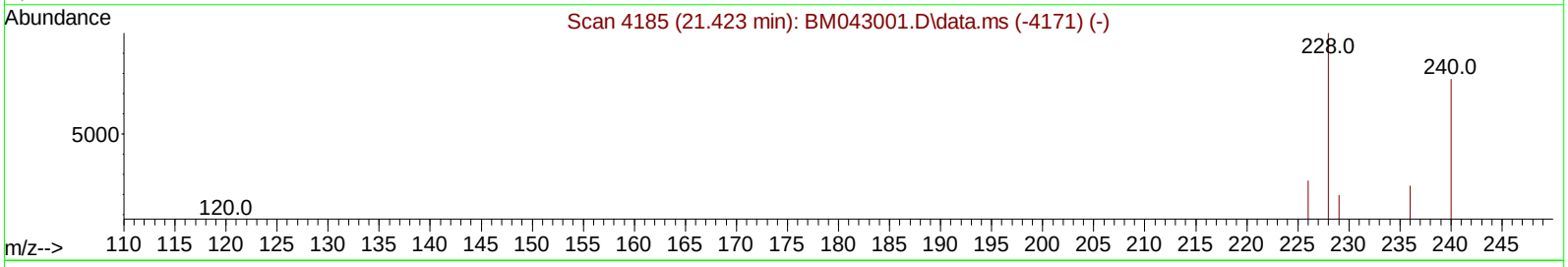

TIC: BM043005.D\data.ms

(17) Chrysene-d12

21.403min (-0.021) 0.40 ng/ul m

response 3397

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	17.36#
236.00	38.50	34.62
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
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Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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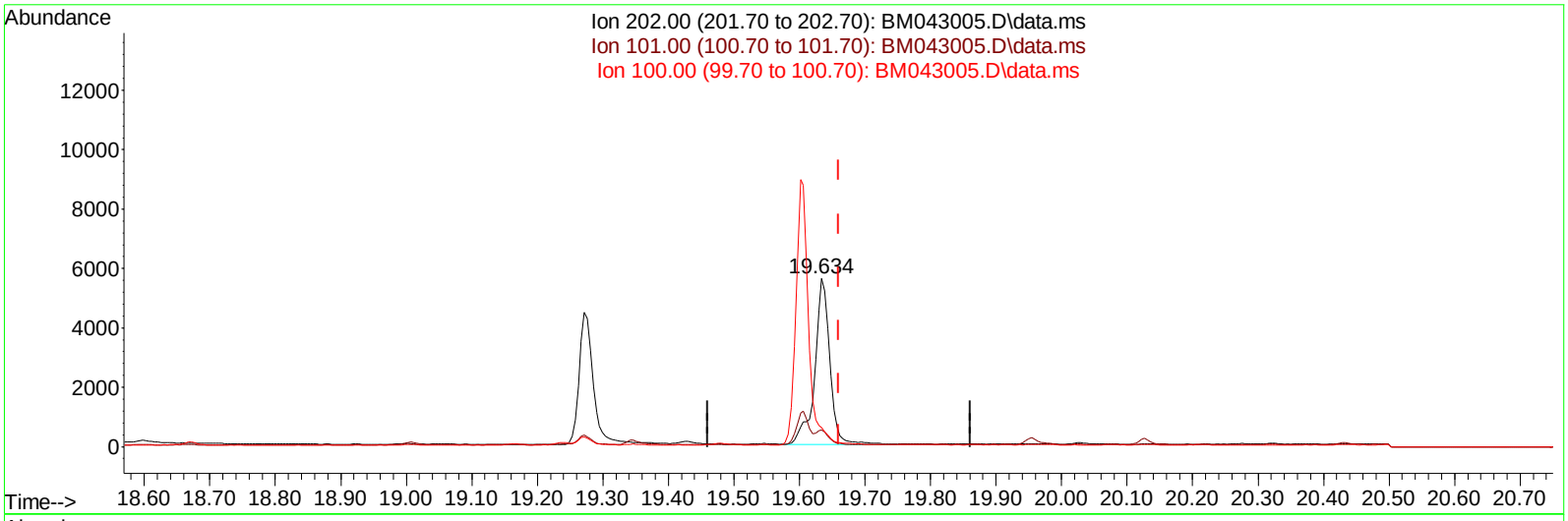

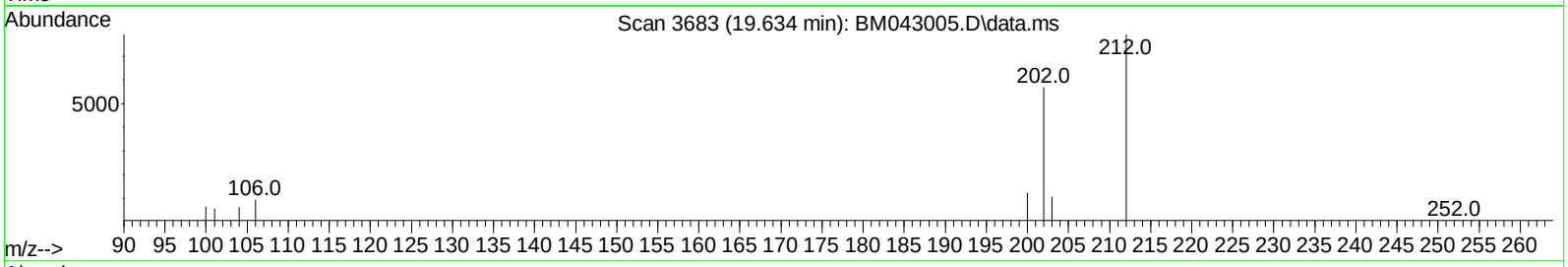

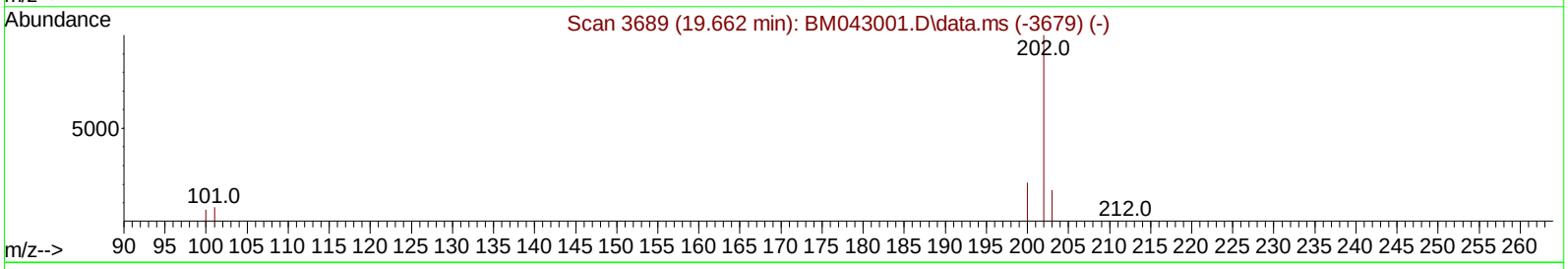

TIC: BM043005.D\data.ms

(20) Pyrene

19.634min (-0.027) 0.44 ng/ul

response 9022

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	10.06
100.00	9.80	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

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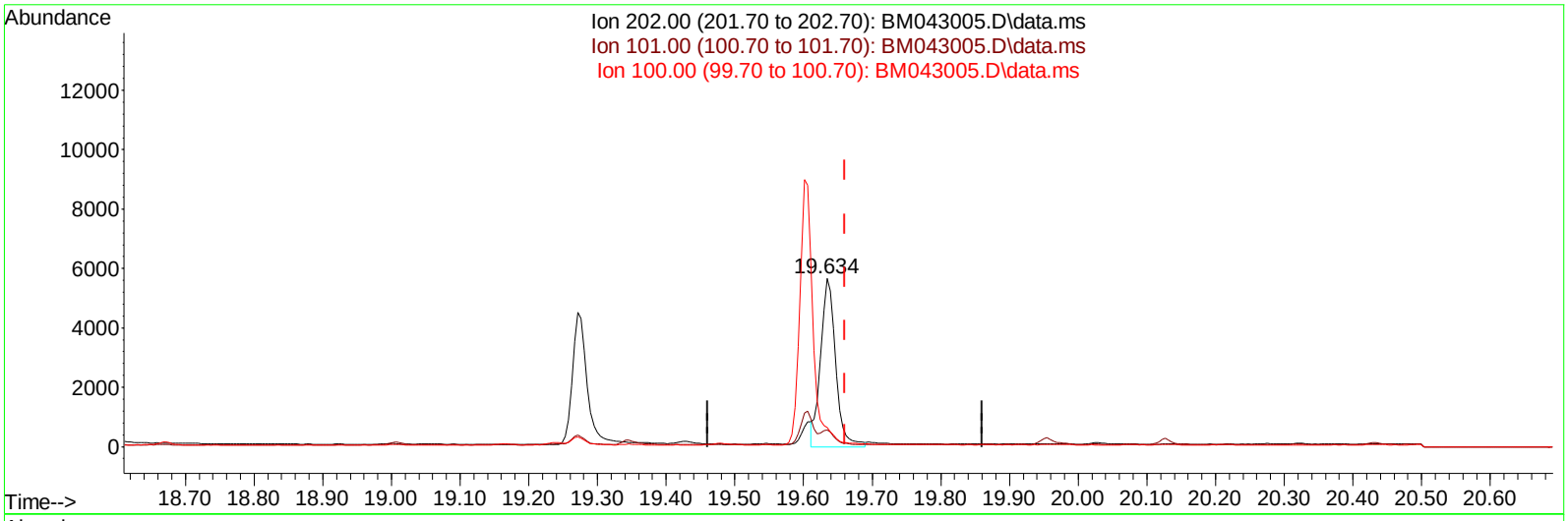

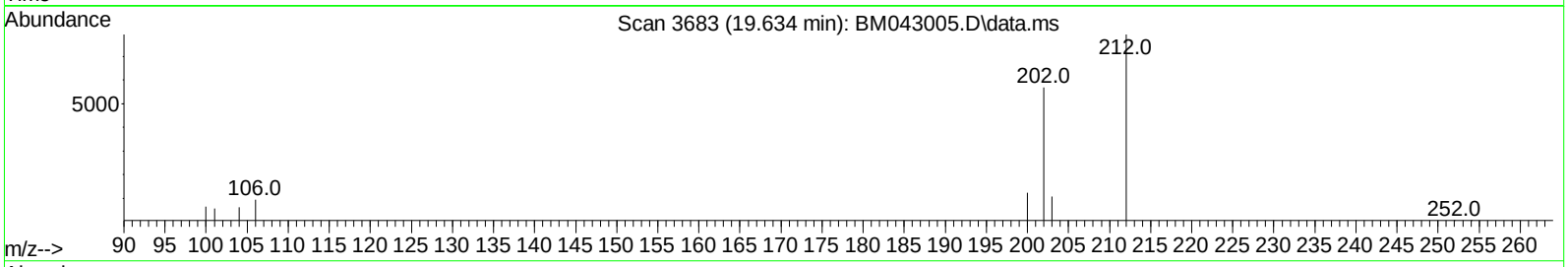

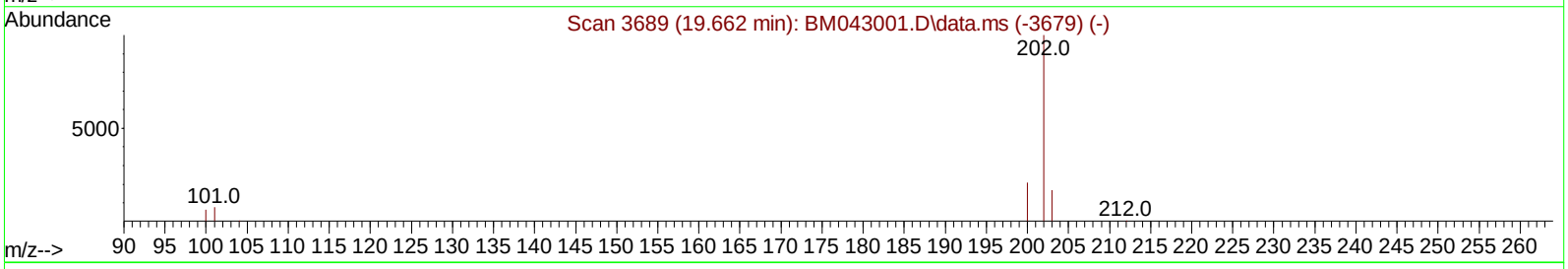

TIC: BM043005.D\data.ms

(20) Pyrene

19.634min (-0.027) 0.42 ng/ul m

response 8538

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.90	10.06
100.00	9.80	11.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
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Misc :
ALS Vial : 27 Sample Multiplier: 1

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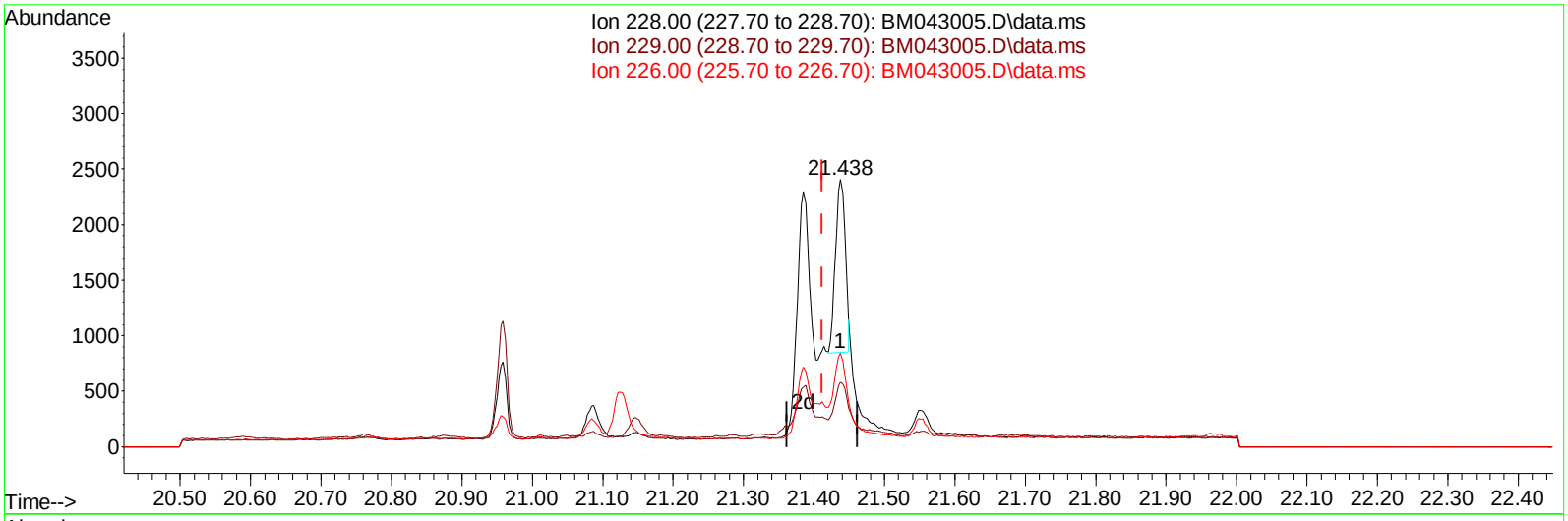
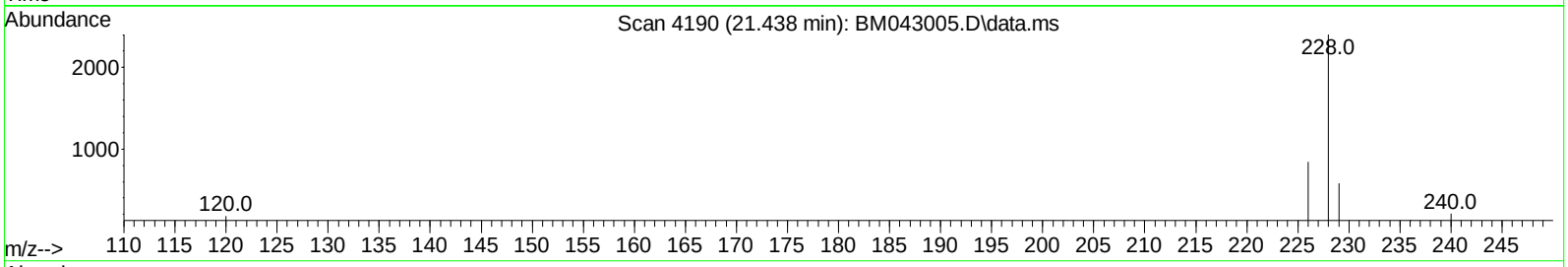
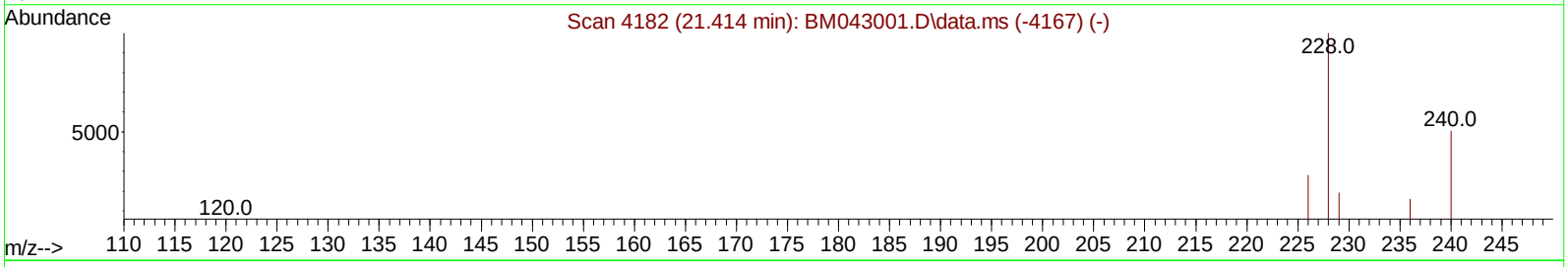






TIC: BM043005.D\data.ms

(21) Benzo(a)anthracene

21.438min (+ 0.026) 0.14 ng/ul

response 1520

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	24.21
226.00	31.10	34.98
0.00	0.00	0.00

Quantitation Report (Qedit)

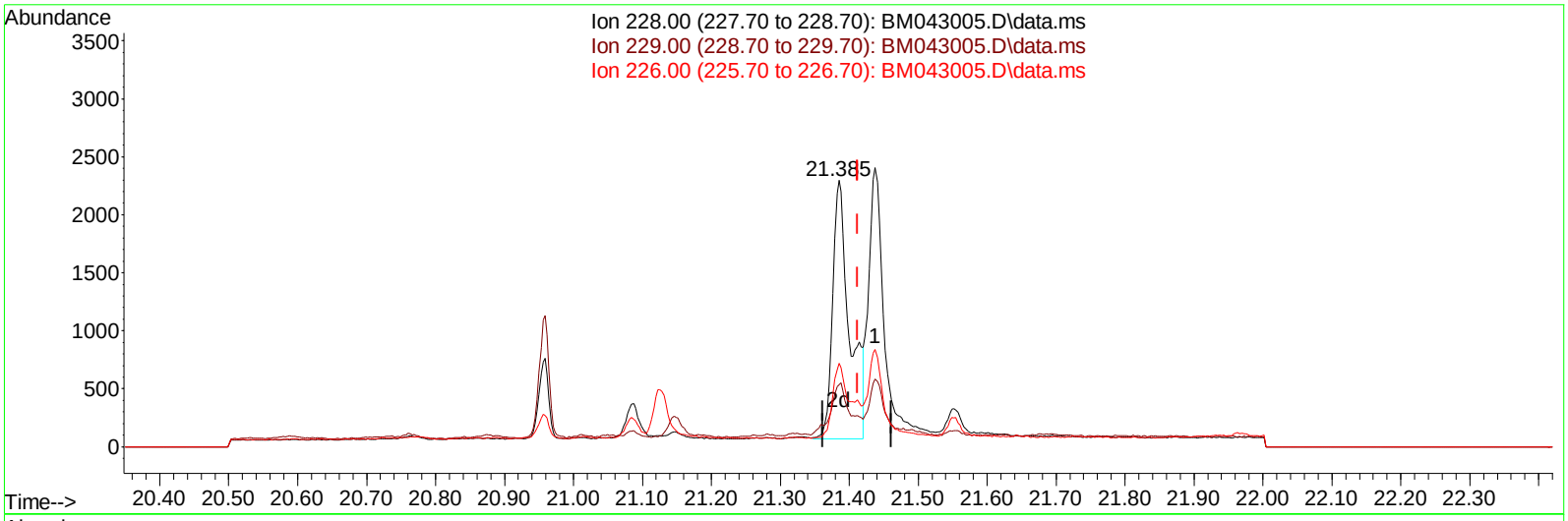
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

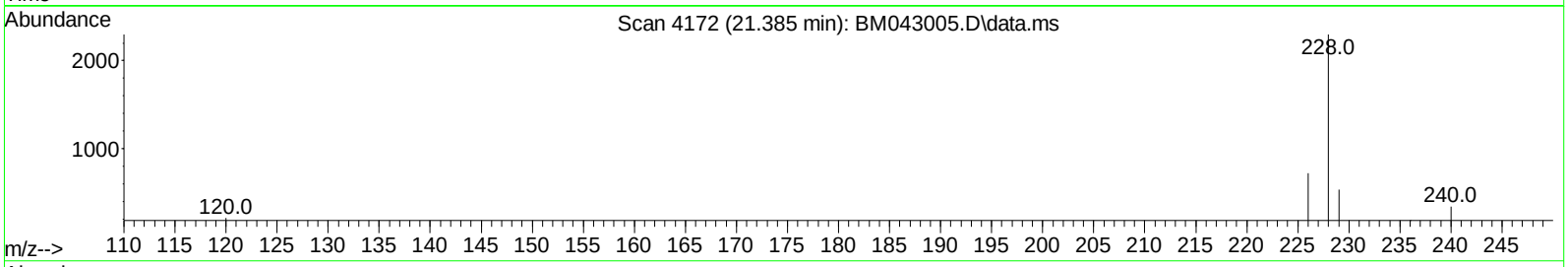
Quant Time: Nov 27 02:42:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 02:36:19 2023
Response via : Initial Calibration

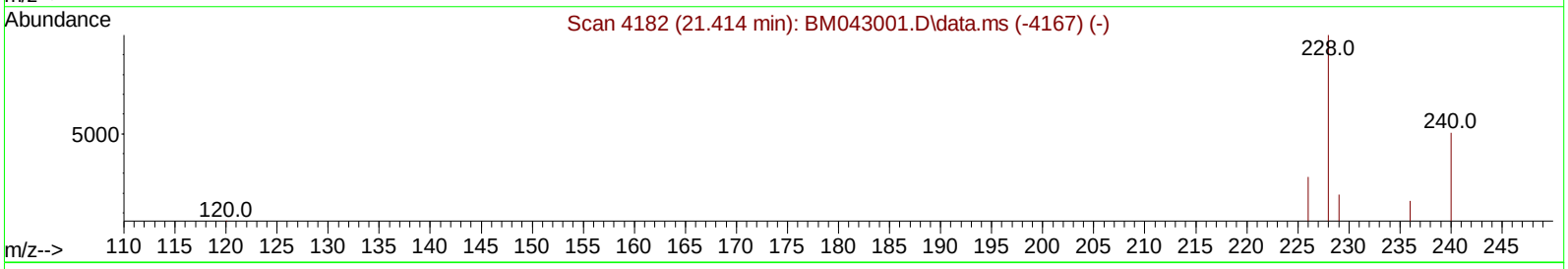
Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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







TIC: BM043005.D\data.ms

(21) Benzo(a)anthracene

21.385min (-0.027) 0.34 ng/ul m

response 3797

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	24.20	23.29
226.00	31.10	31.30
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 27 23:01:23 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 :
DCKQ8

Manual IntegrationsAPPROVED

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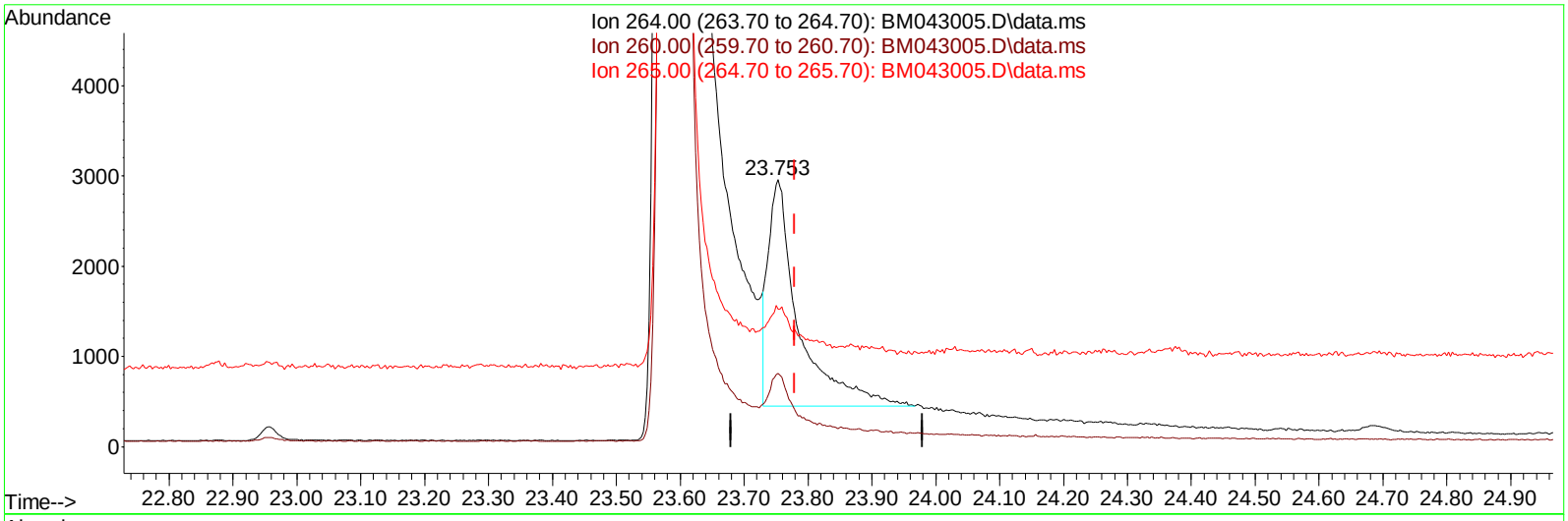

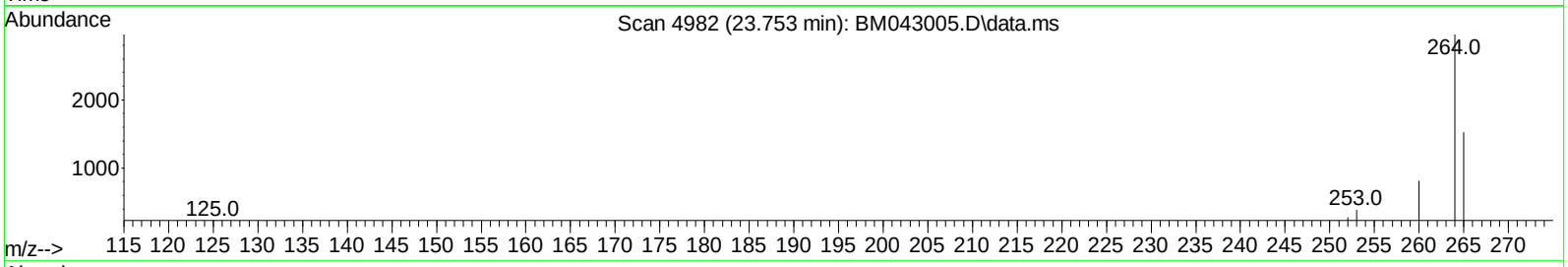

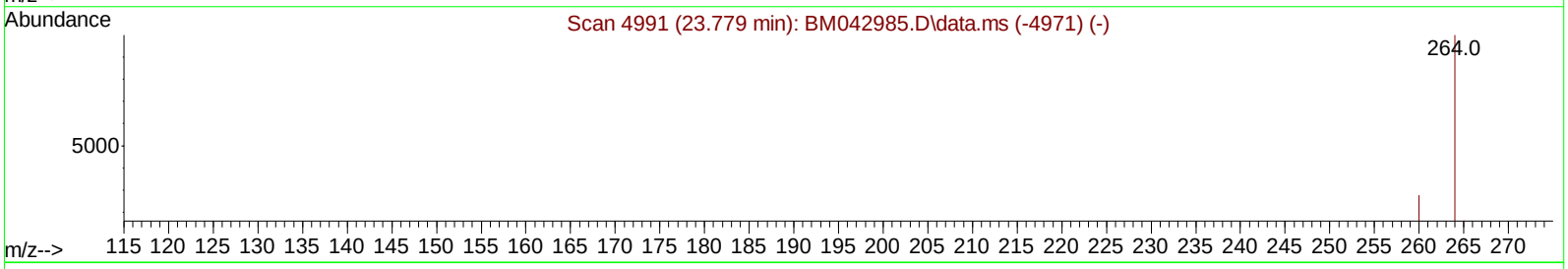

TIC: BM043005.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/ul

response 8430

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.39
265.00	120.30	51.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 27 02:42:19 2023
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Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/28/2023
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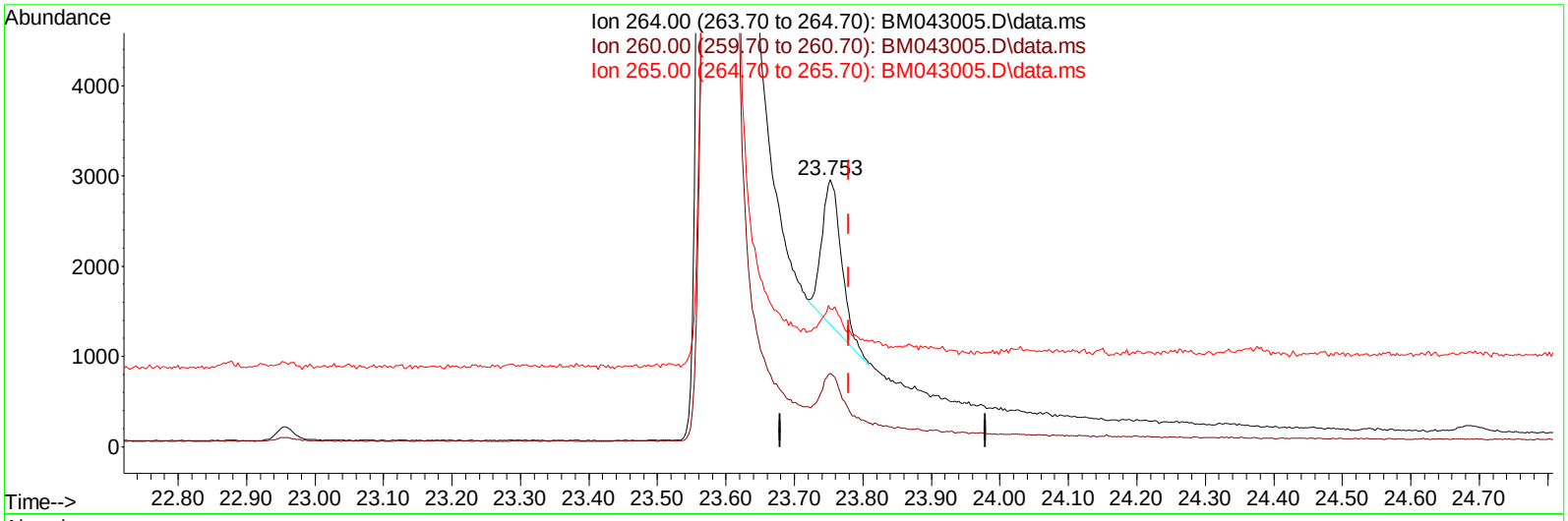

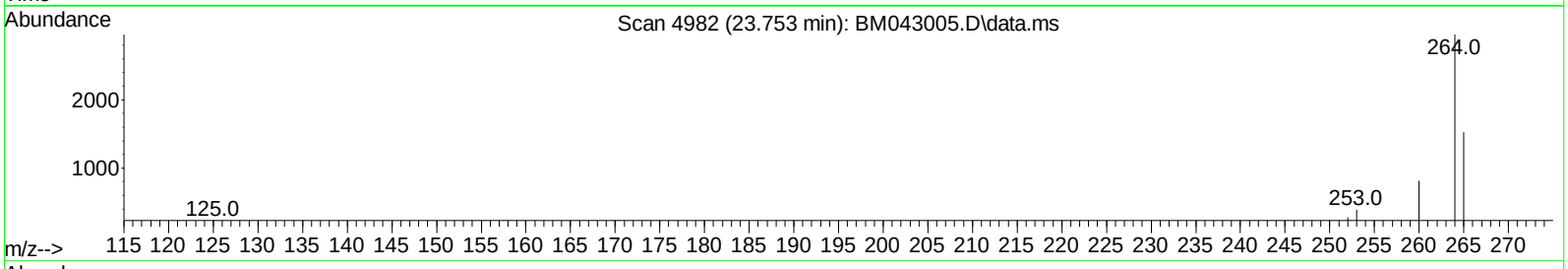

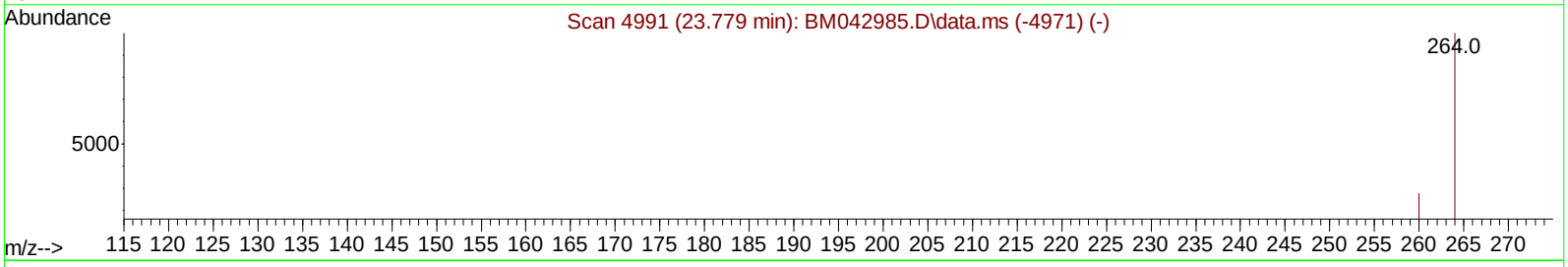

TIC: BM043005.D\data.ms

(23) Perylene-d12 (I)

23.753min (-0.027) 0.40 ng/ul m

response 3139

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	33.90	27.39
265.00	120.30	51.54#
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 07:50
Operator : MA/JU
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Misc :
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QLast Update : Mon Nov 27 02:36:19 2023
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BNA_M
ClientSampleId :
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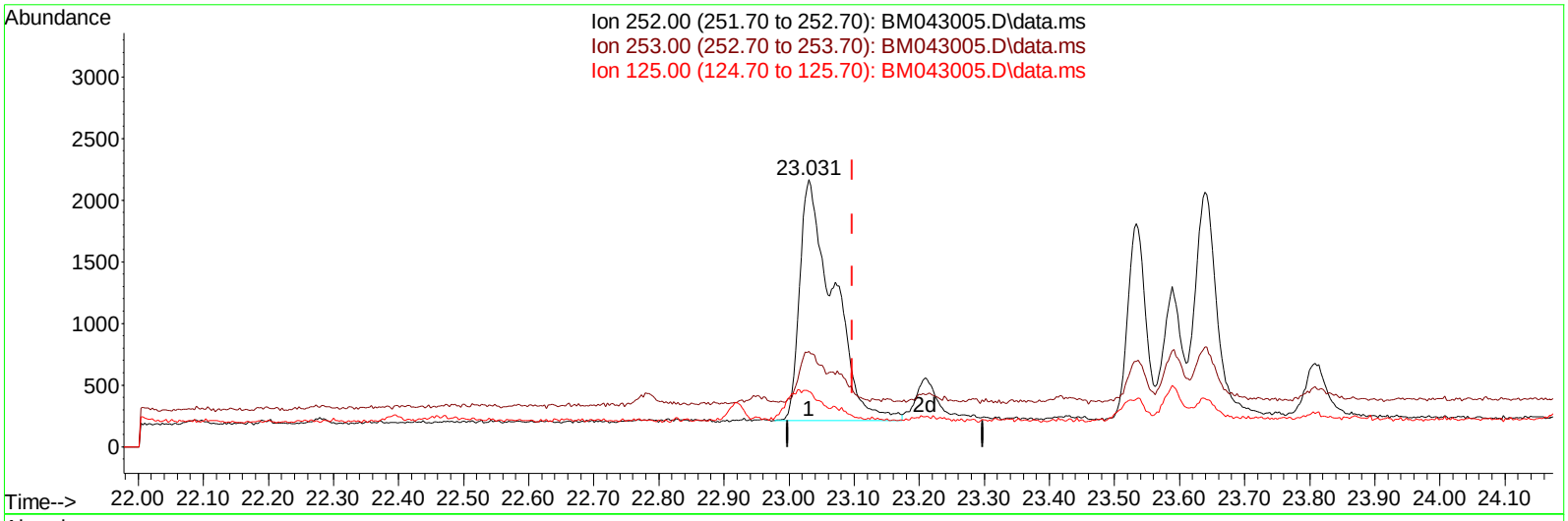

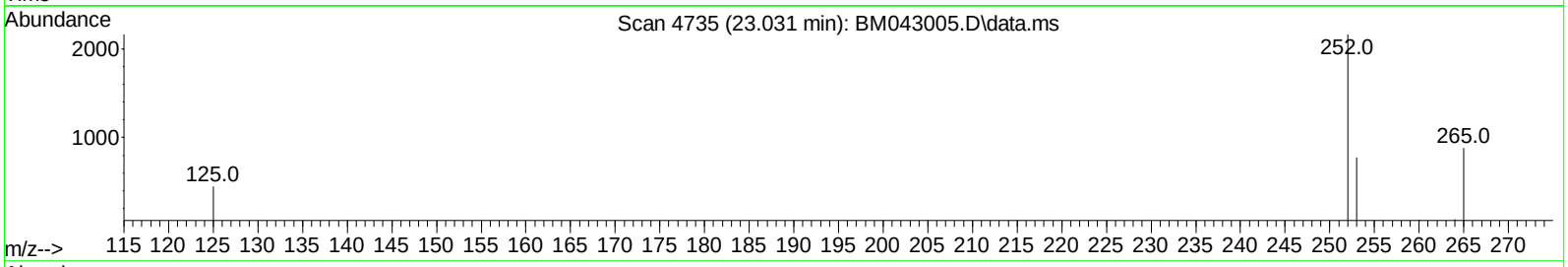

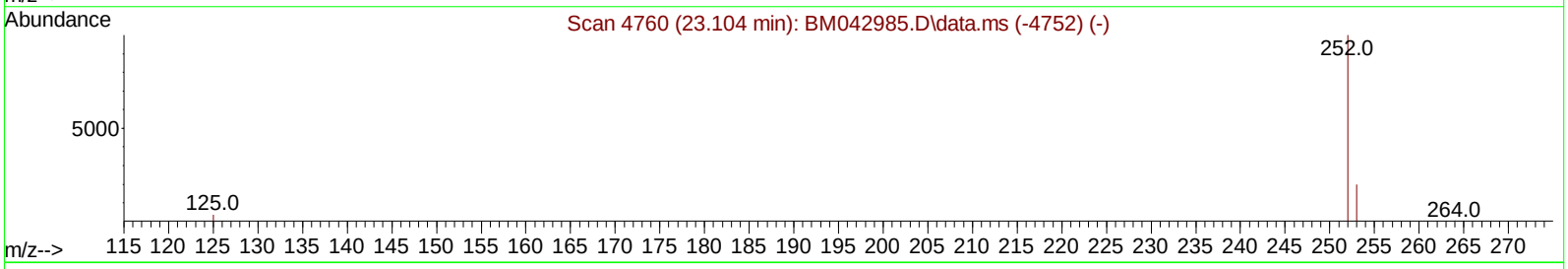

TIC: BM043005.D\data.ms

(25) Benzo(k)fluoranthene

23.031min (-0.068) 0.18 ng/ul

response 7002

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	35.80
125.00	13.80	20.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM043005.D
Acq On : 25 Nov 2023 07:50
Operator : MA/JU
Sample : 05261-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

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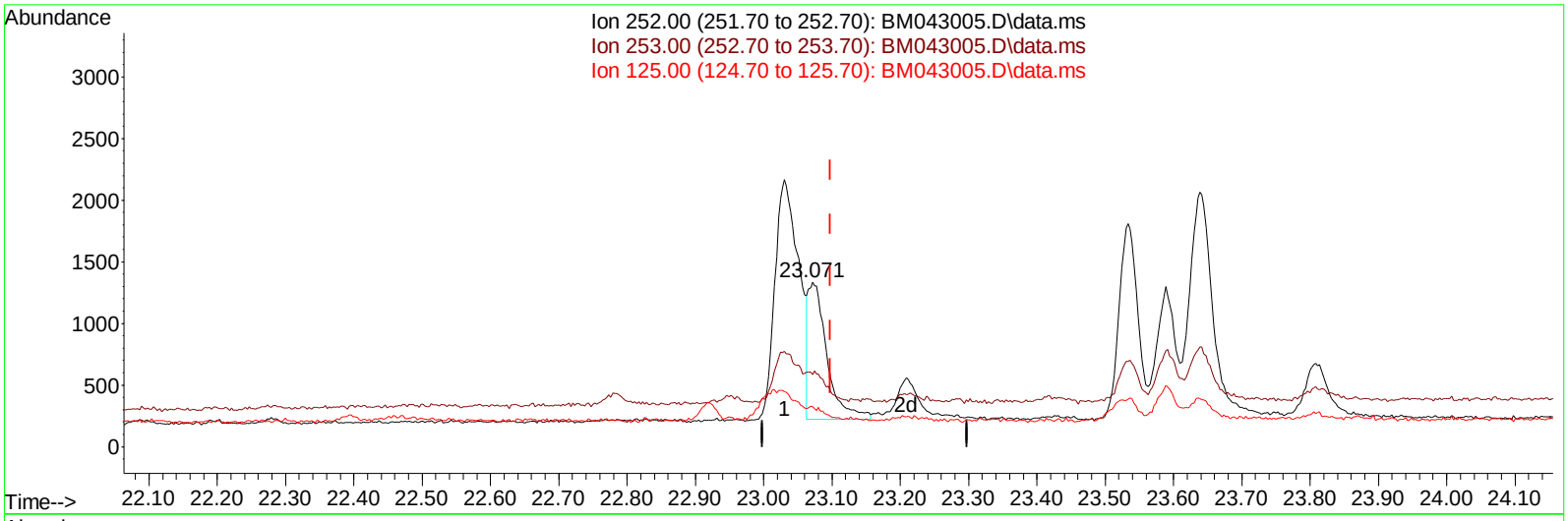
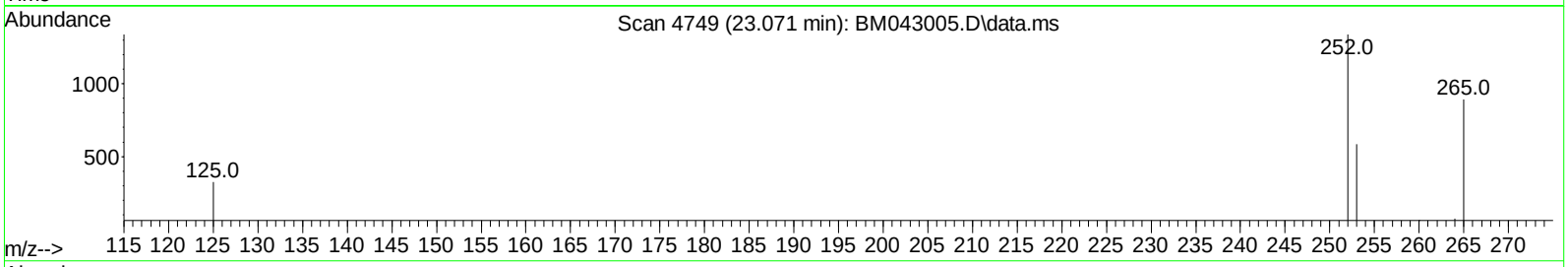
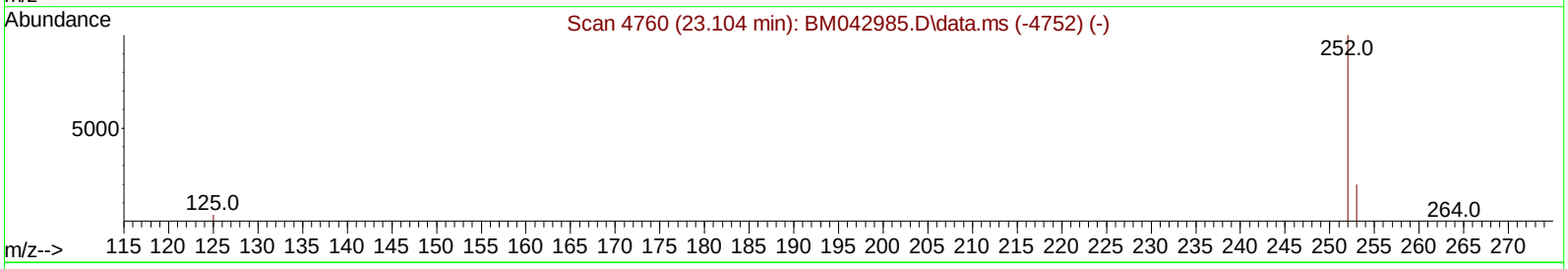
Instrument :
BNA_M
ClientSampleId :
DCKQ8

Manual IntegrationsAPPROVED

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







TIC: BM043005.D\data.ms

(25) Benzo(k)fluoranthene

23.071min (-0.027) 0.14 ng/ul m

response 2115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	35.20	43.90#
125.00	13.80	24.31#
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 07:50
Operator : MA/JU
Sample : 05261-09
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ALS Vial : 27 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
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	7.809	152	1119m	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.612	136	3167	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.456	164	2182m	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.213	188	4151m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.403	240	3397m	0.400	ng/ul	-0.02
23) Perylene-d12	23.753	264	3139m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.160	96	5843	3.403	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.234	152	1236	0.292	ng/ul	-0.02
18) Fluoranthene-d10	19.244	212	3425	0.277	ng/ul	-0.02
Target Compounds						Qvalue
10) Acenaphthylene	14.183	152	666	0.060	ng/ul#	81
15) Phenanthrene	17.255	178	2352	0.199	ng/ul	99
19) Fluoranthene	19.272	202	6856	0.356	ng/ul	96
20) Pyrene	19.634	202	8538m	0.417	ng/ul	
21) Benzo(a)anthracene	21.385	228	3797m	0.344	ng/ul	
22) Chrysene	21.438	228	3368	0.164	ng/ul	98
24) Benzo(b)fluoranthene	23.031	252	4776	0.451	ng/ul	96
25) Benzo(k)fluoranthene	23.071	252	2115m	0.145	ng/ul	
26) Benzo(a)pyrene	23.639	252	4110	0.356	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.211	276	3121	0.199	ng/ul#	100
29) Benzo(g,h,i)perylene	26.976	276	3548	0.233	ng/ul	98

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

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