Quantitation Report (Qedit)

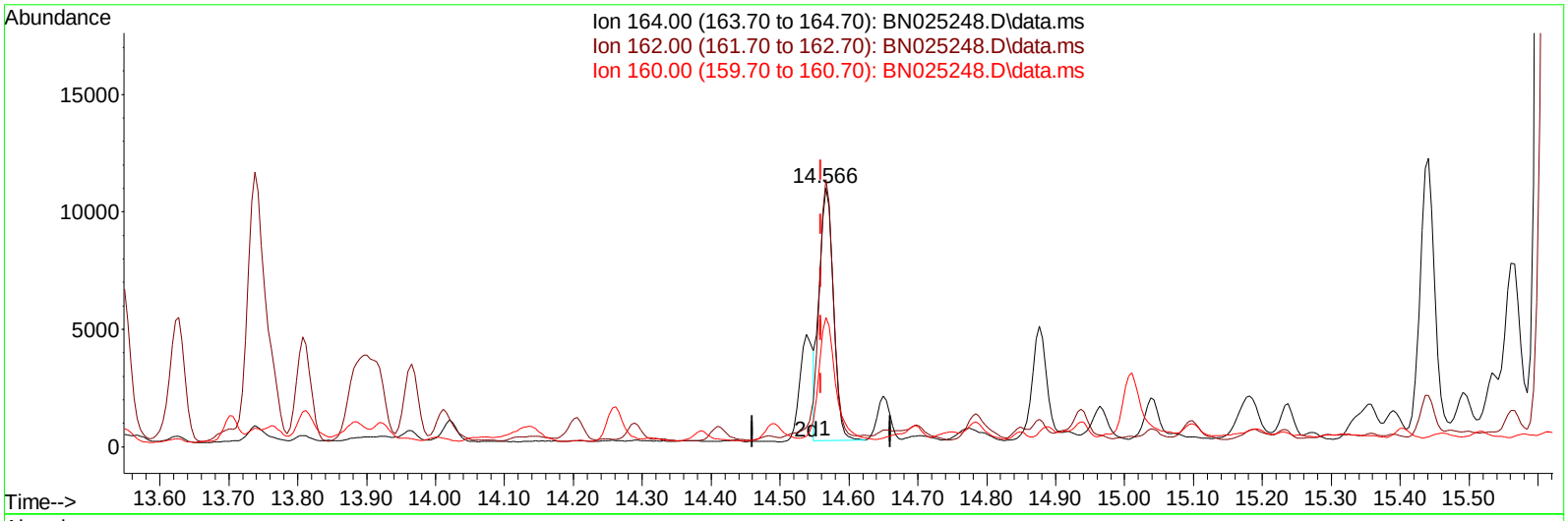
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

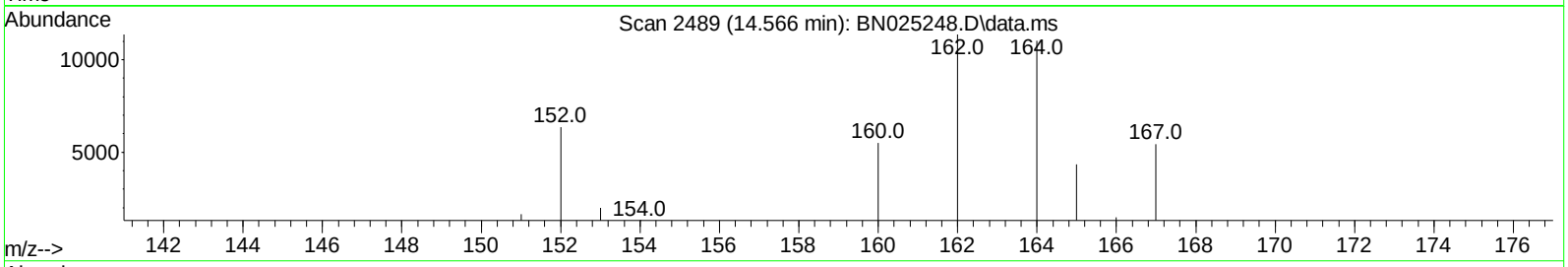
Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

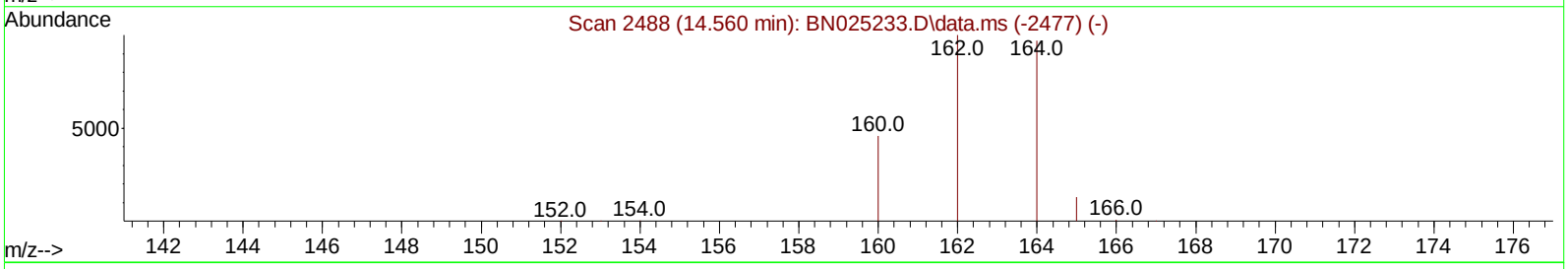
Instrument :
BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
Supervised By :Jagrut Upadhyay 05/11/2023







TIC: BN025248.D\data.ms

(9) Acenaphthene-d10 (I)

14.566min (+ 0.006) 0.40 ng/ul

response 15564

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	104.10	103.00
160.00	49.70	50.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
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Instrument :
BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
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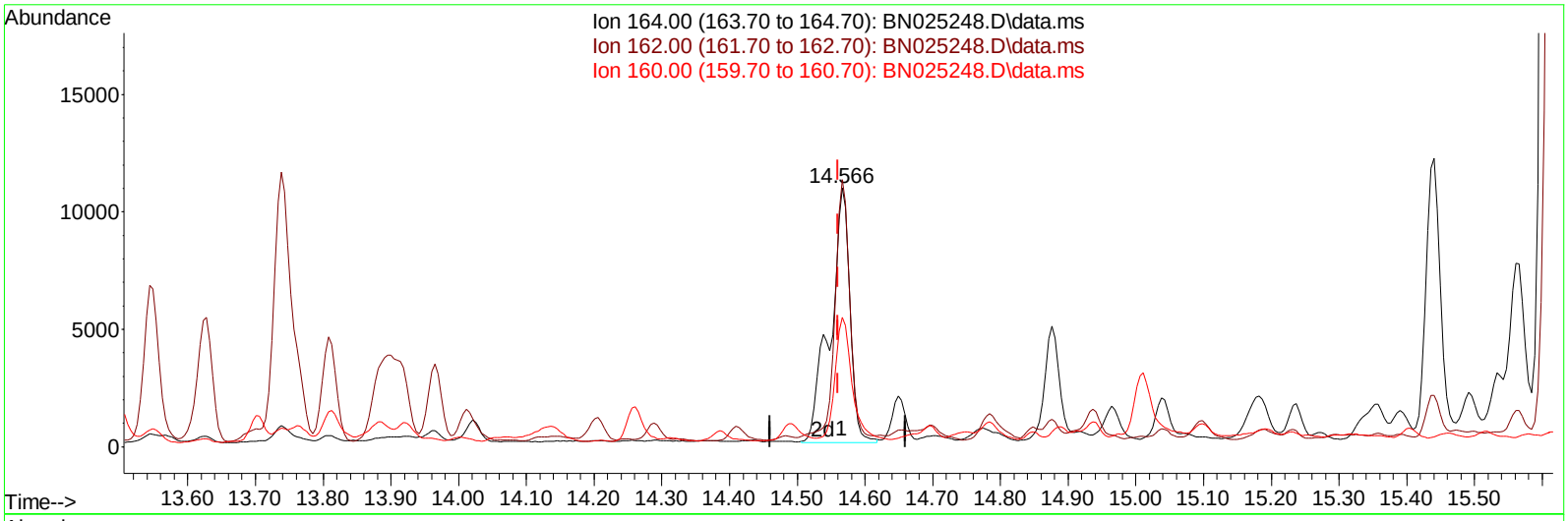

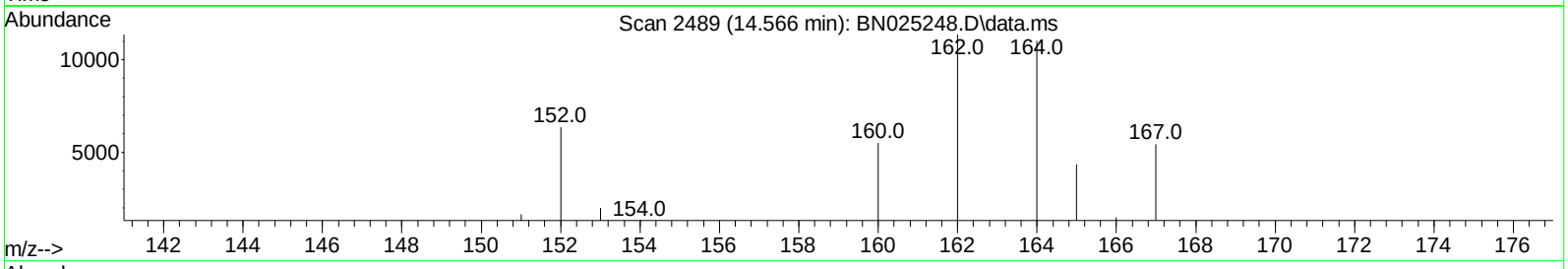

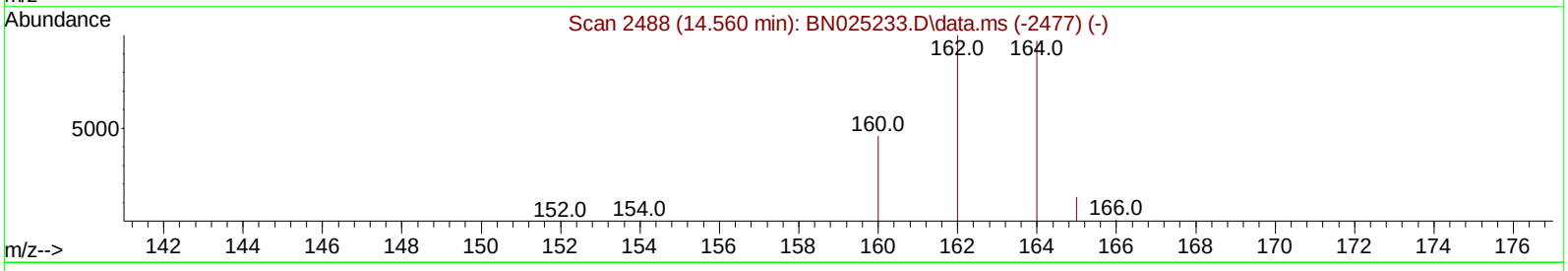

TIC: BN025248.D\data.ms

(9) Acenaphthene-d10 (I)

14.566min (+ 0.006) 0.40 ng/ul m

response 22018

Ion	Exp%	Act%
164.00	100.00	100.00
162.00	104.10	103.00
160.00	49.70	50.02
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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ClientSampleId :
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Manual IntegrationsAPPROVED

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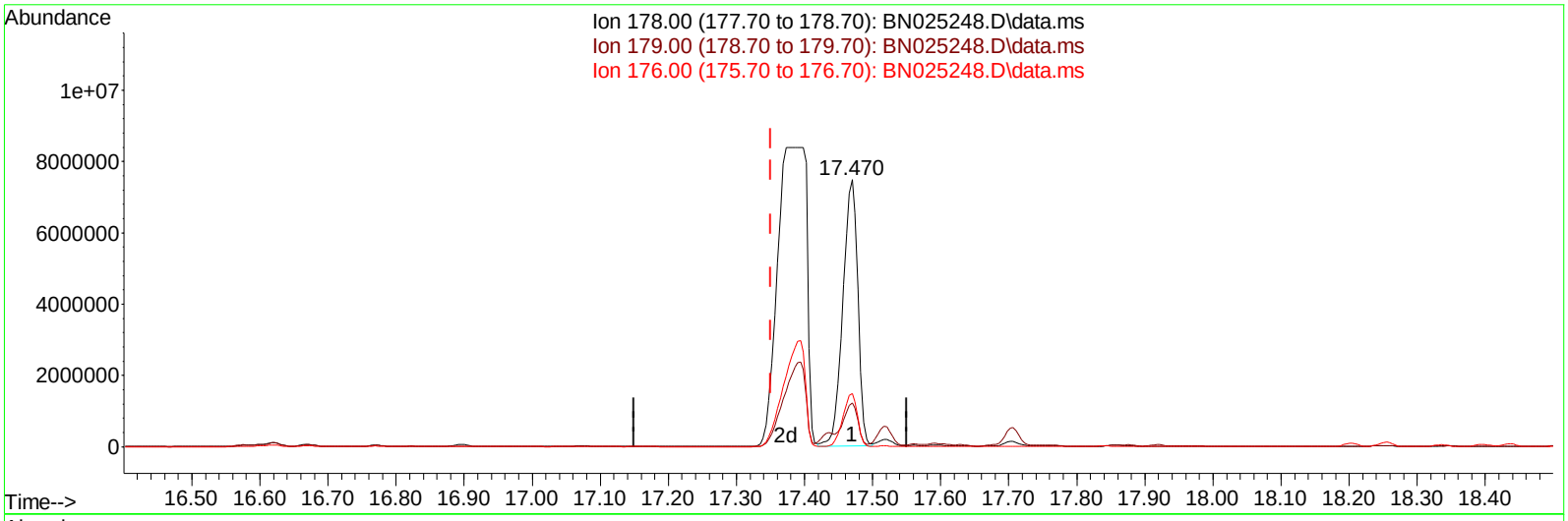

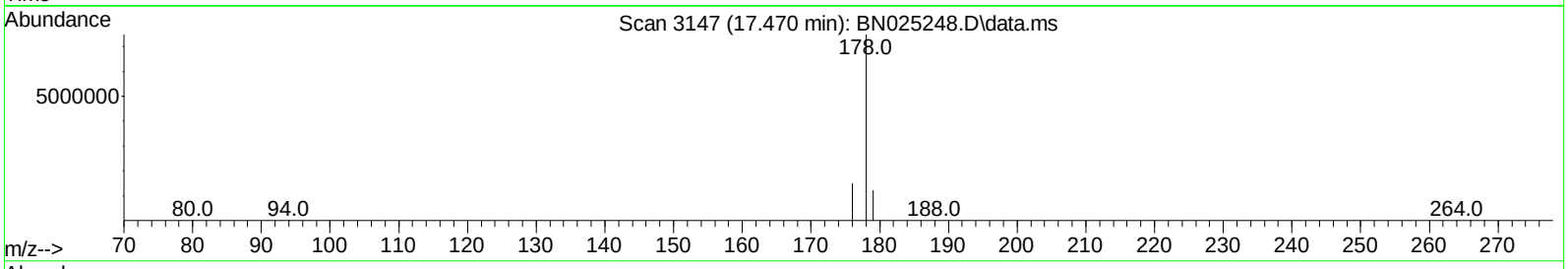

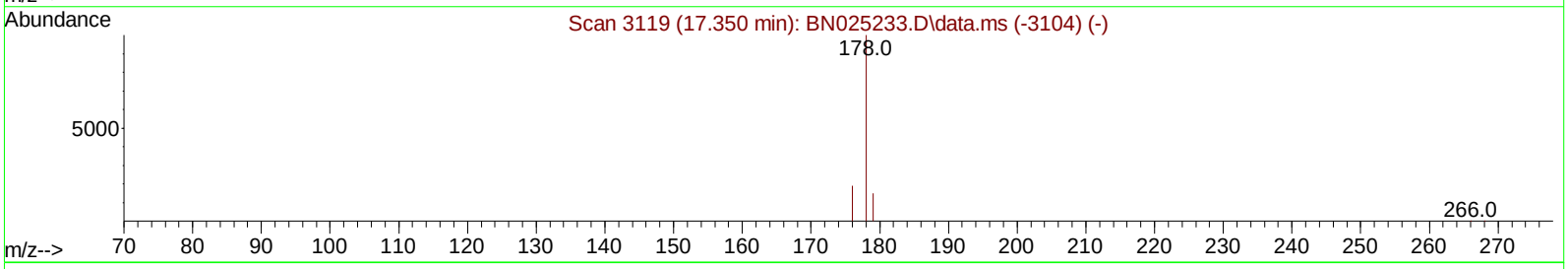

TIC: BN025248.D\data.ms

(15) Phenanthrene

17.470min (+ 0.120) 126.29 ng/ul

response 11513672

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.43
176.00	19.50	19.96
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

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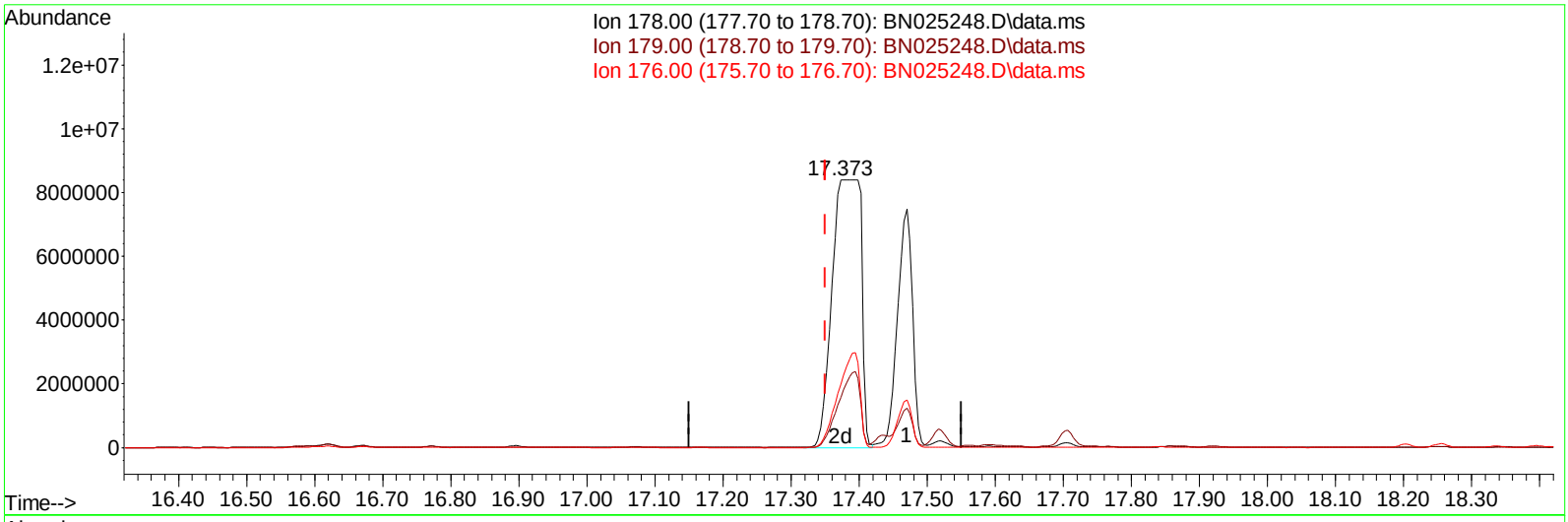

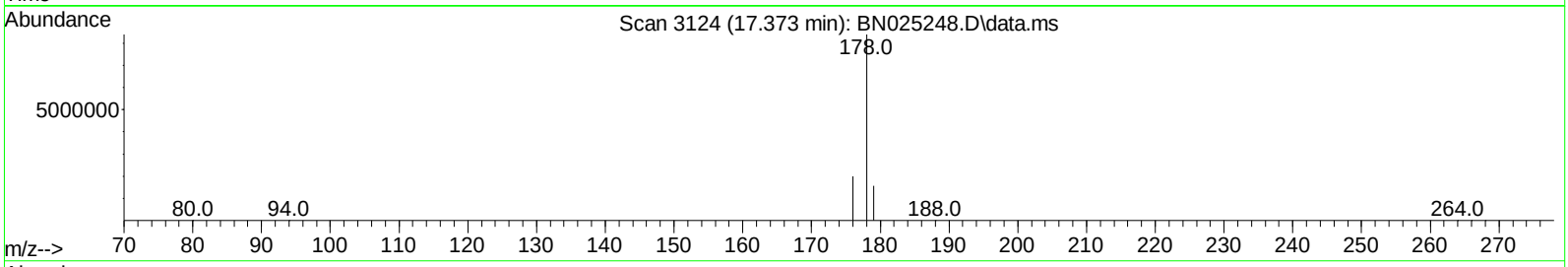

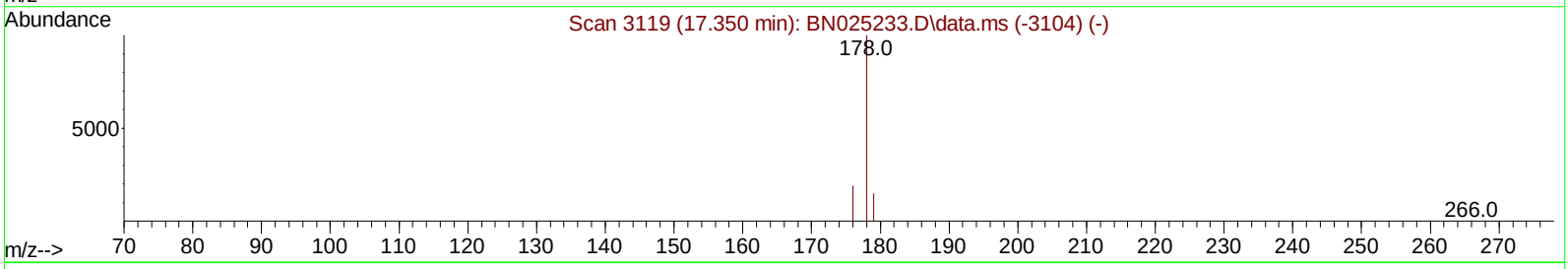

TIC: BN025248.D\data.ms

(15) Phenanthrene

17.373min (+ 0.023) 272.62 ng/ul m

response 24855059

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.65
176.00	19.50	23.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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Instrument :
BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

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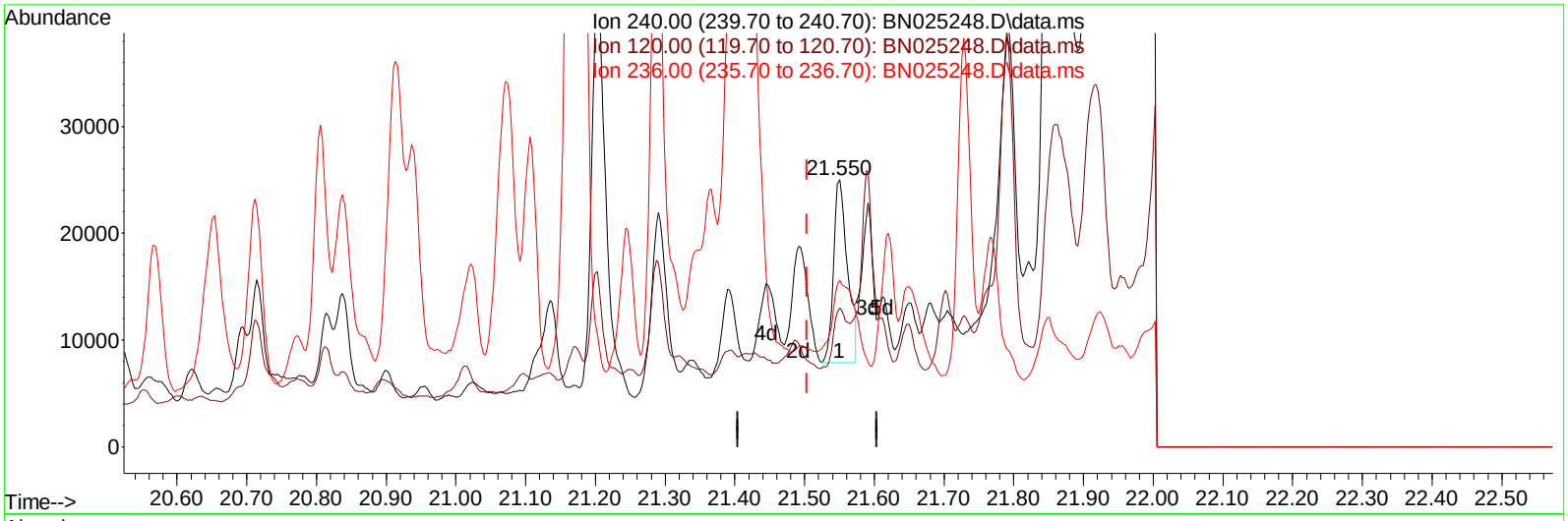

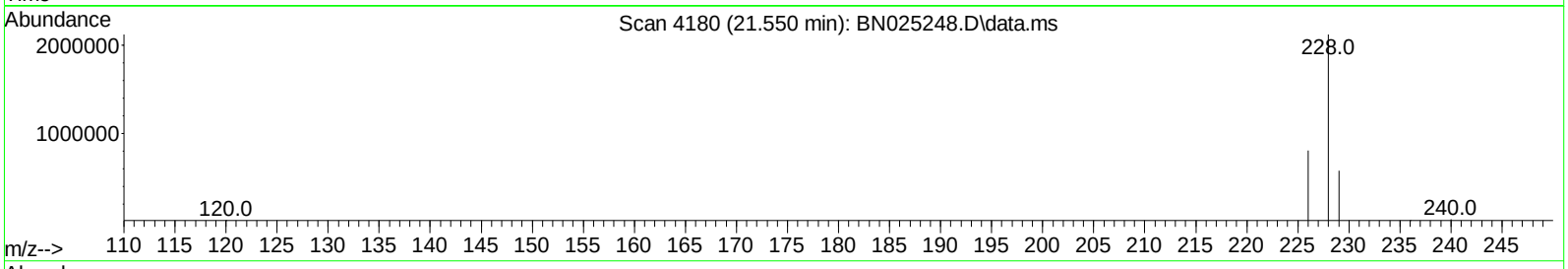

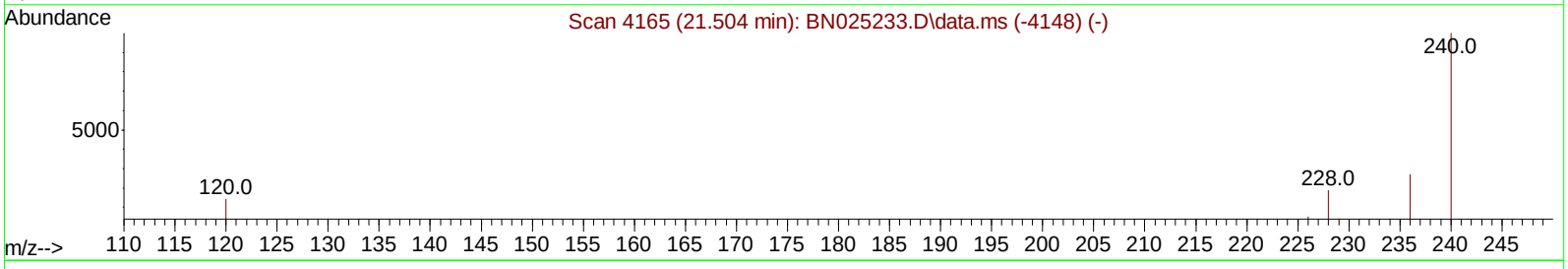

TIC: BN025248.D\data.ms

(17) Chrysene-d12

21.550min (+ 0.046) 0.40 ng/ul

response 24018

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.50	52.08#
236.00	28.20	62.34#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Christian Giraldo 05/11/2023
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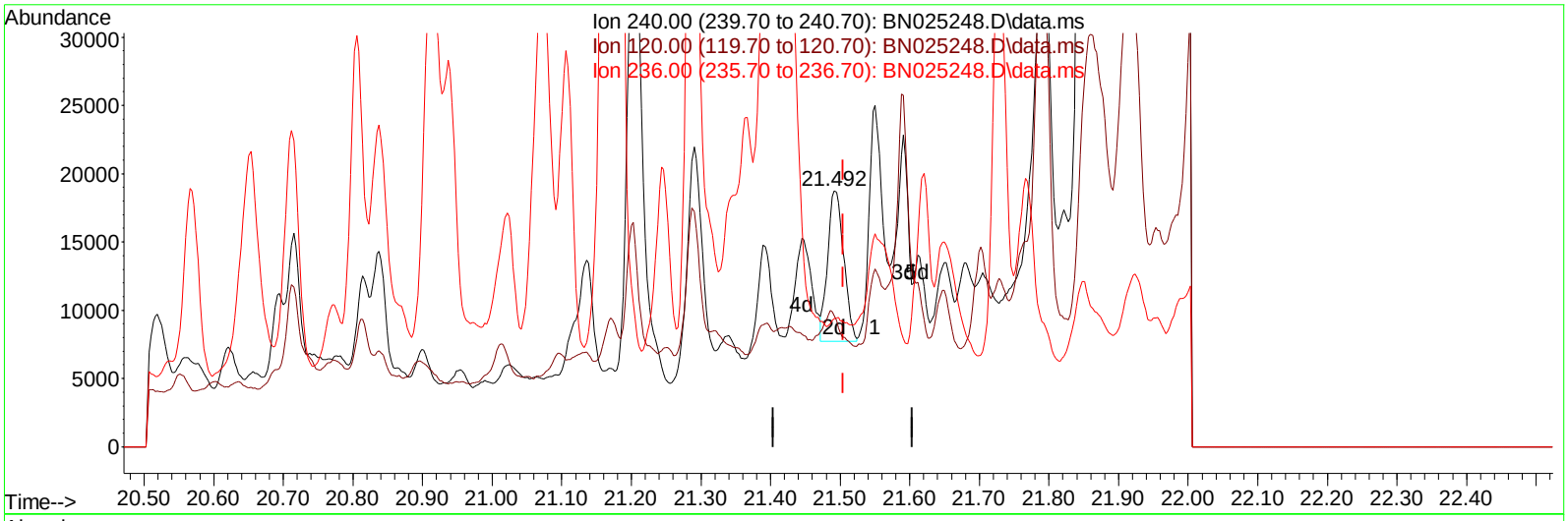

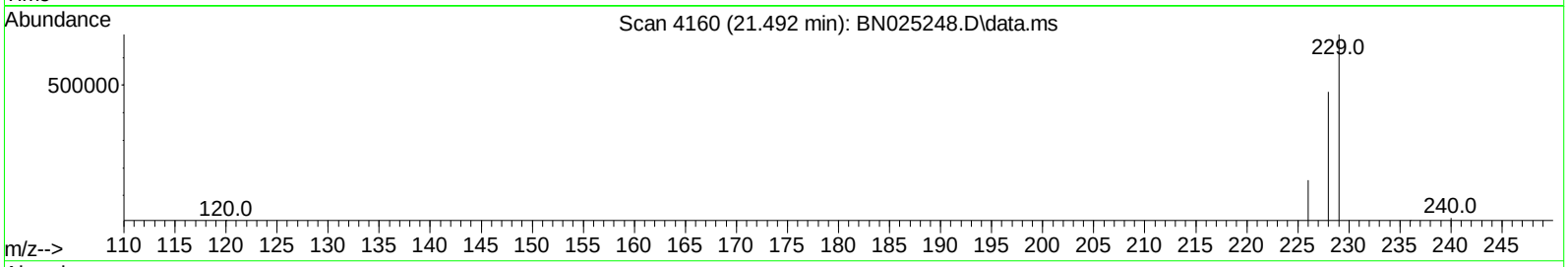

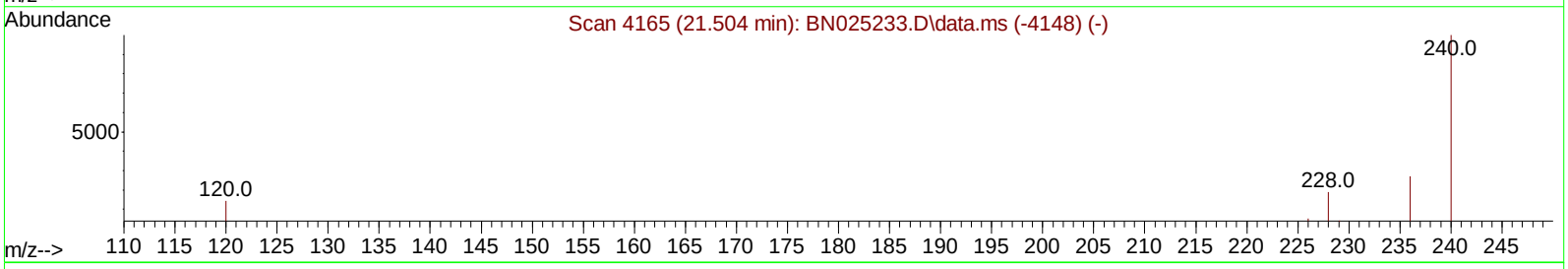

TIC: BN025248.D\data.ms

(17) Chrysene-d12

21.492min (-0.013) 0.40 ng/ul m

response 17591

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.50	51.26#
236.00	28.20	49.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

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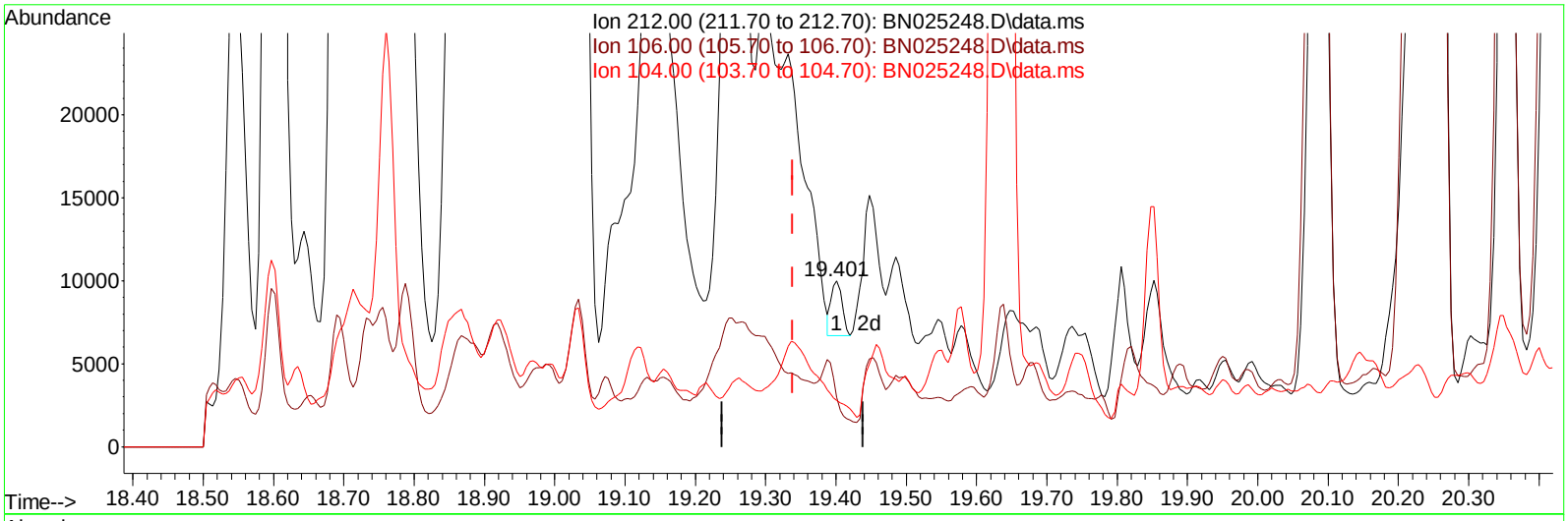

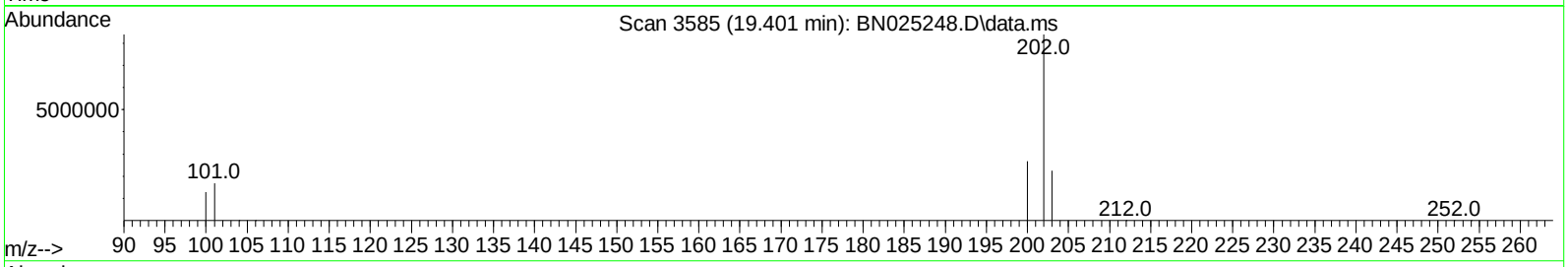

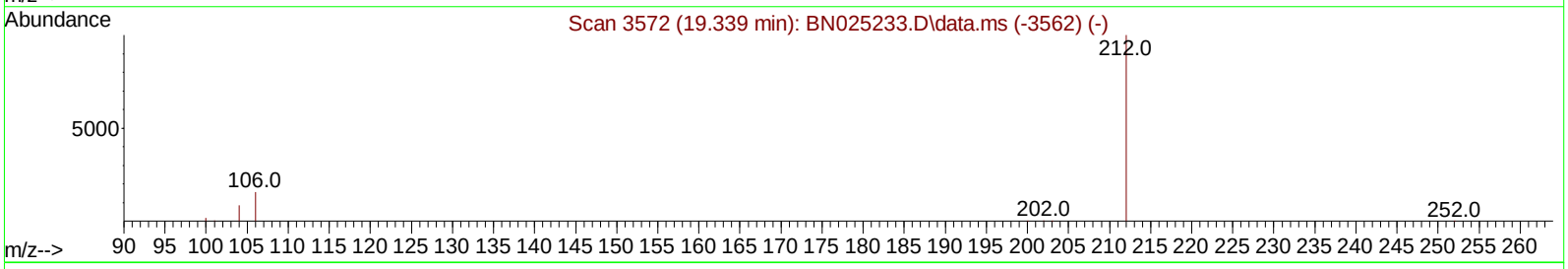

TIC: BN025248.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.401min (+ 0.062) 0.08 ng/ul

response 3548

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	147.66#
104.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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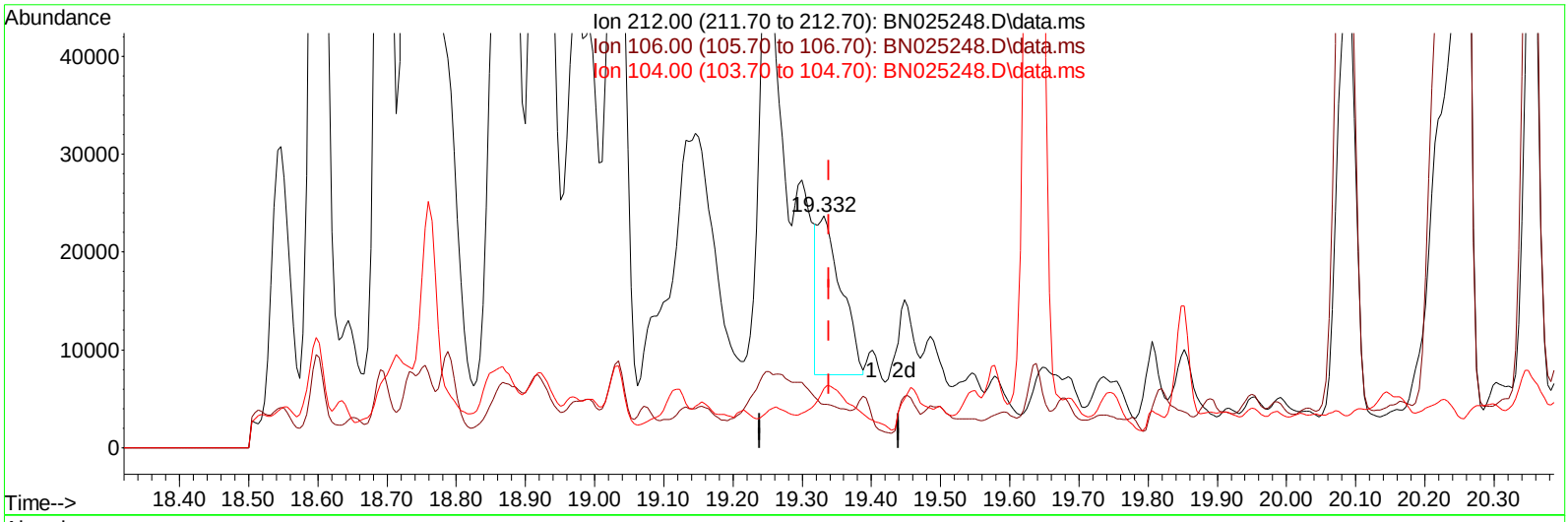

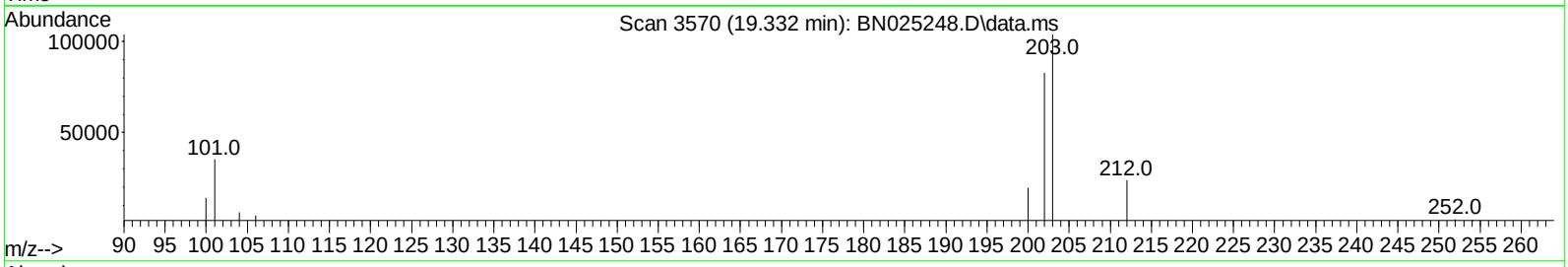

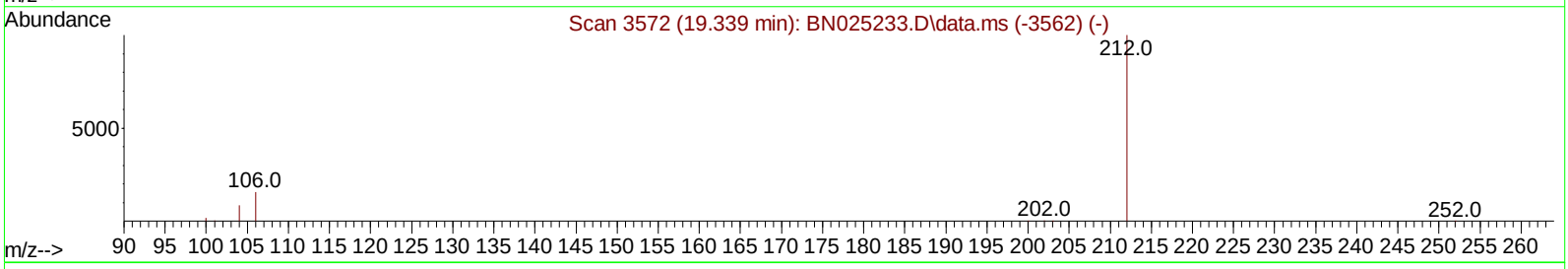

TIC: BN025248.D\data.ms

(18) Fluoranthene-d10 (SURR)

19.332min (-0.007) 0.84 ng/ul m

response 38832

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	16.10	13.49
104.00	9.00	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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Acq On : 03 May 2023 20:19
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Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
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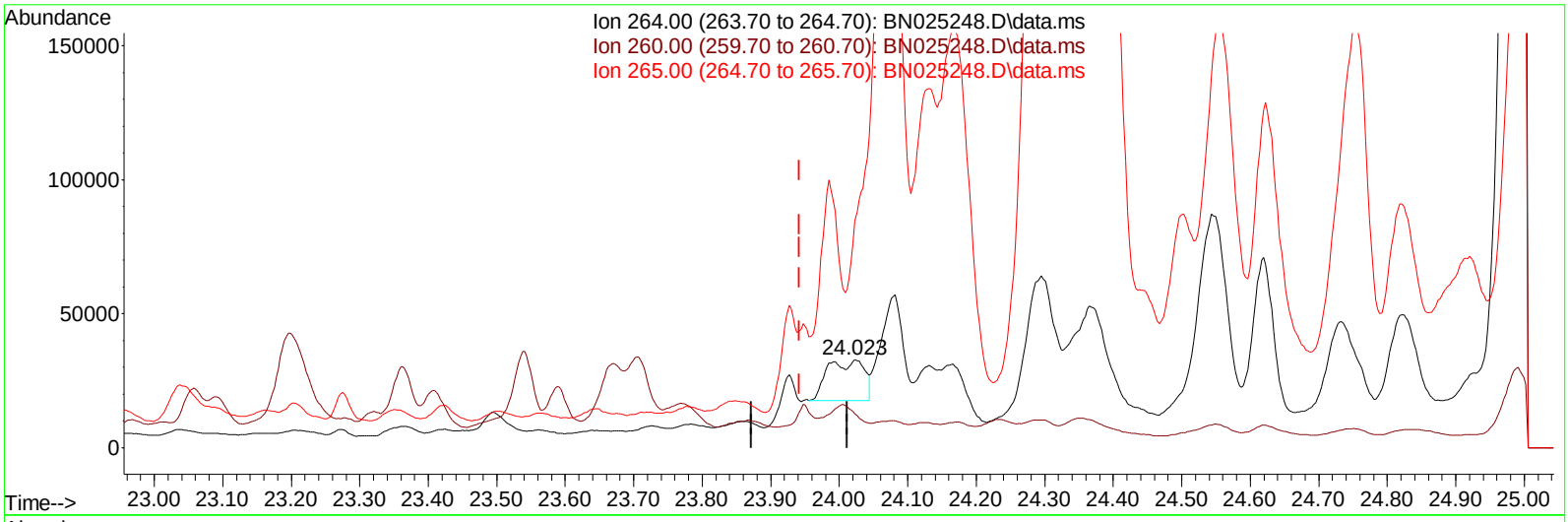

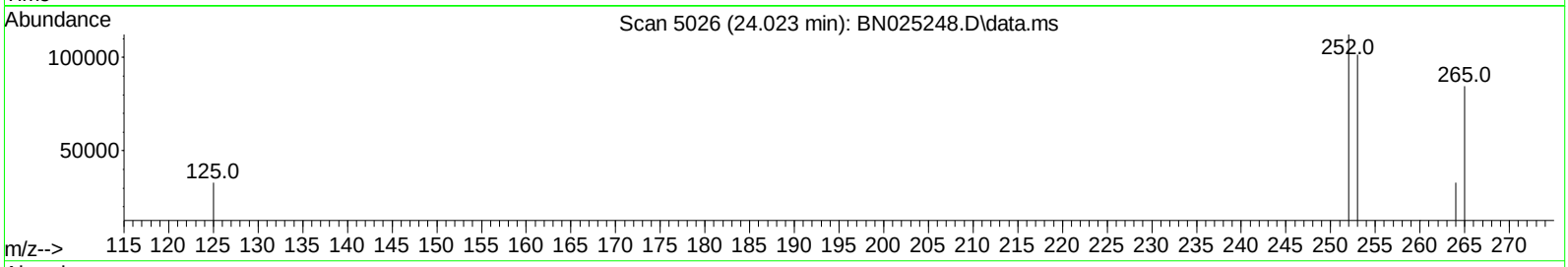

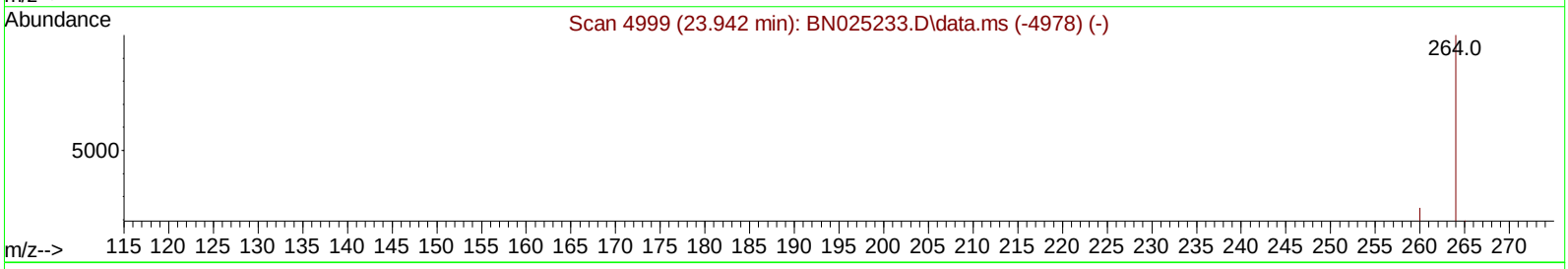

TIC: BN025248.D\data.ms

(23) Perylene-d12 (I)

24.023min (+ 0.081) 0.40 ng/ul

response 56179

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.90	38.37#
265.00	56.60	256.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

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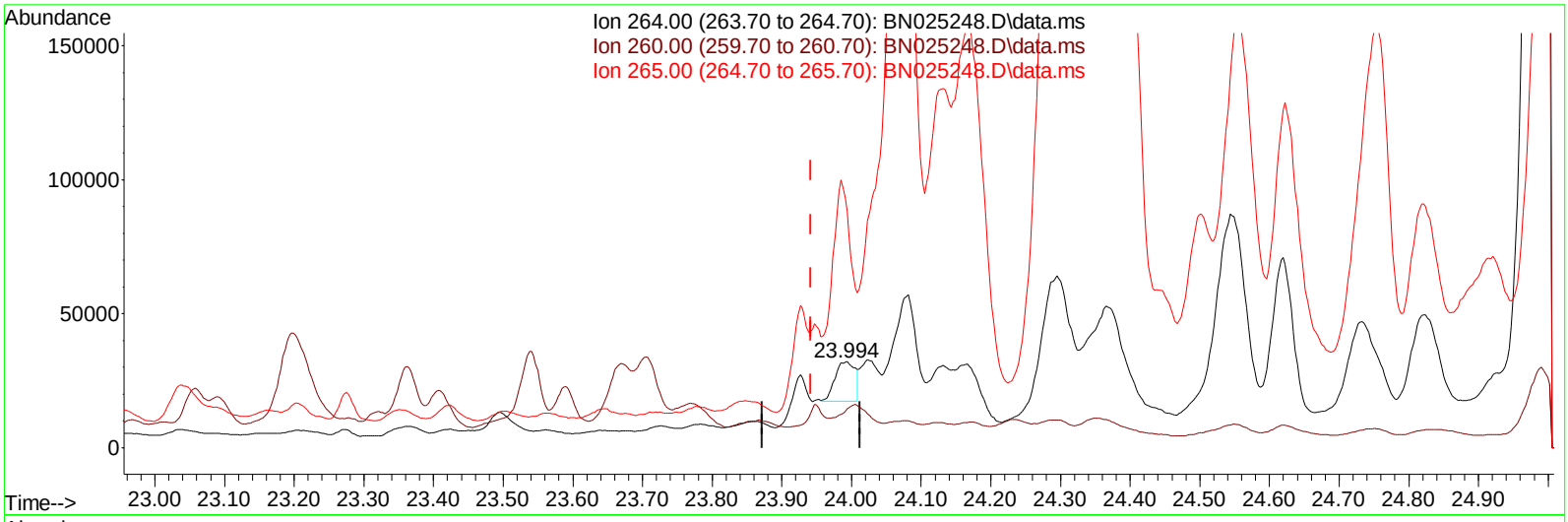

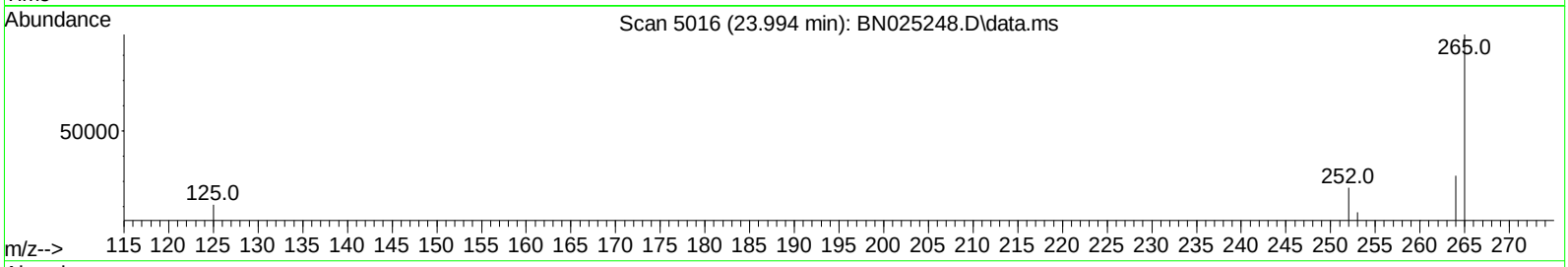

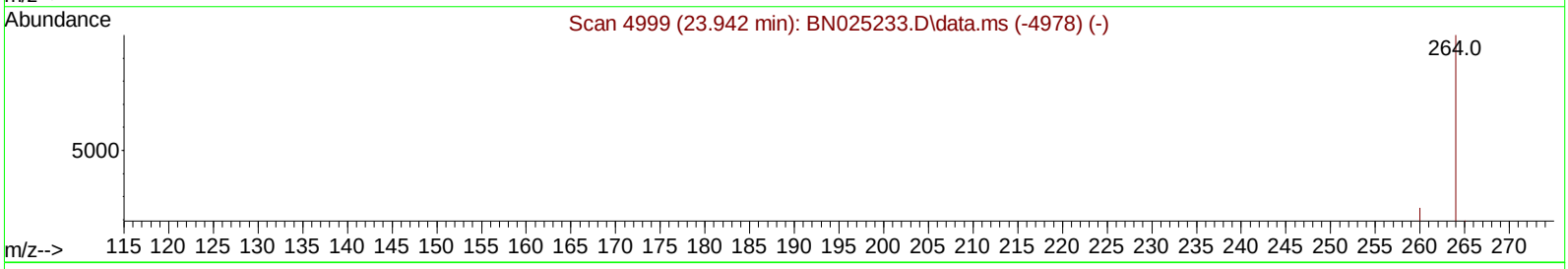

TIC: BN025248.D\data.ms

(23) Perylene-d12 (I)

23.994min (+ 0.052) 0.40 ng/ul m

response 29877

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.90	44.91#
265.00	56.60	274.98#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
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Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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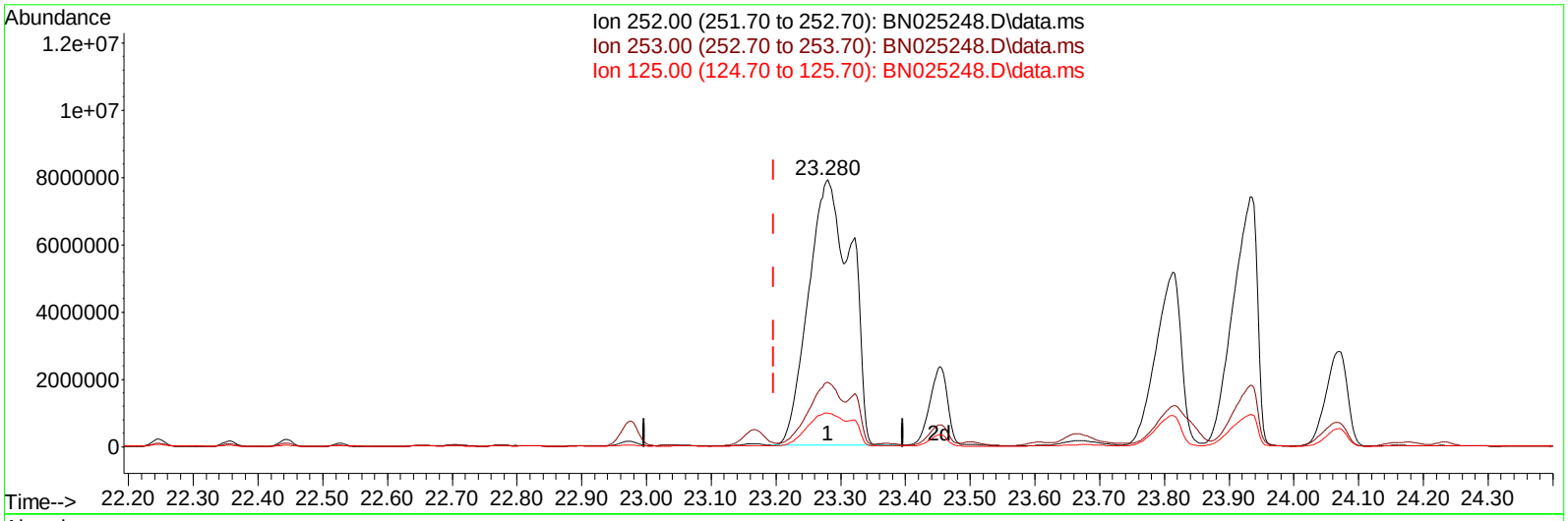

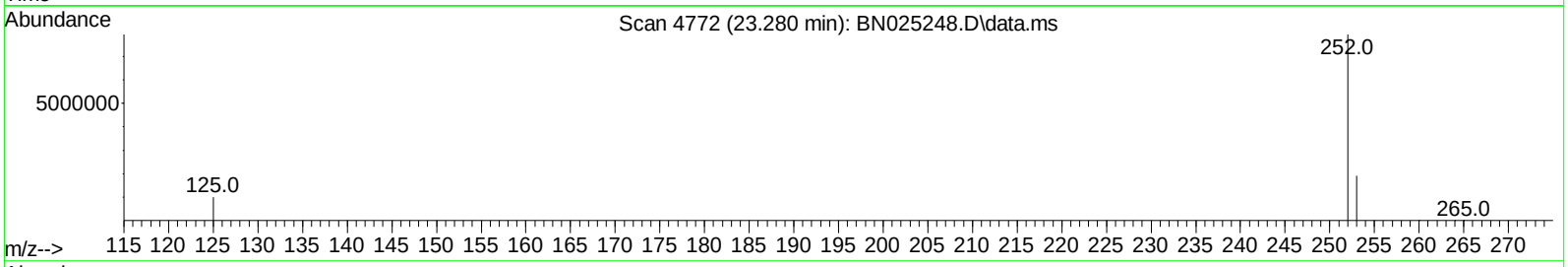

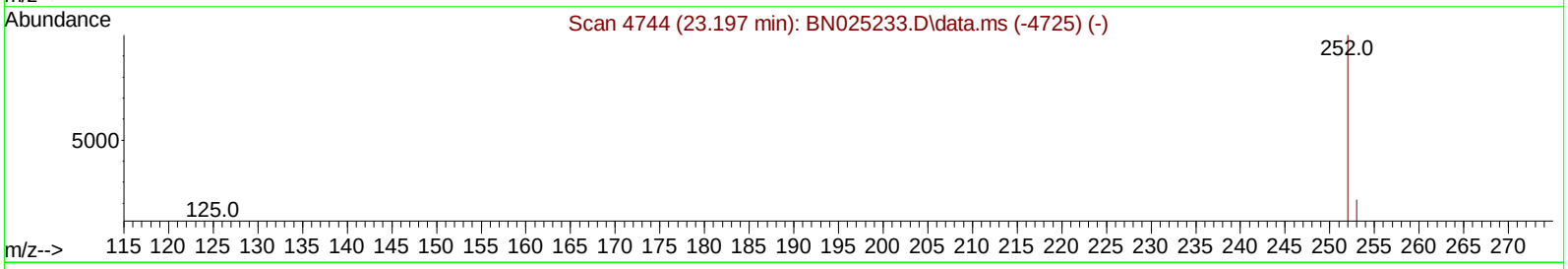

TIC: BN025248.D\data.ms

(24) Benzo(b)fluoranthene

23.280min (+ 0.084) 156.77 ng/ul

response 35731889

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.30
125.00	15.20	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

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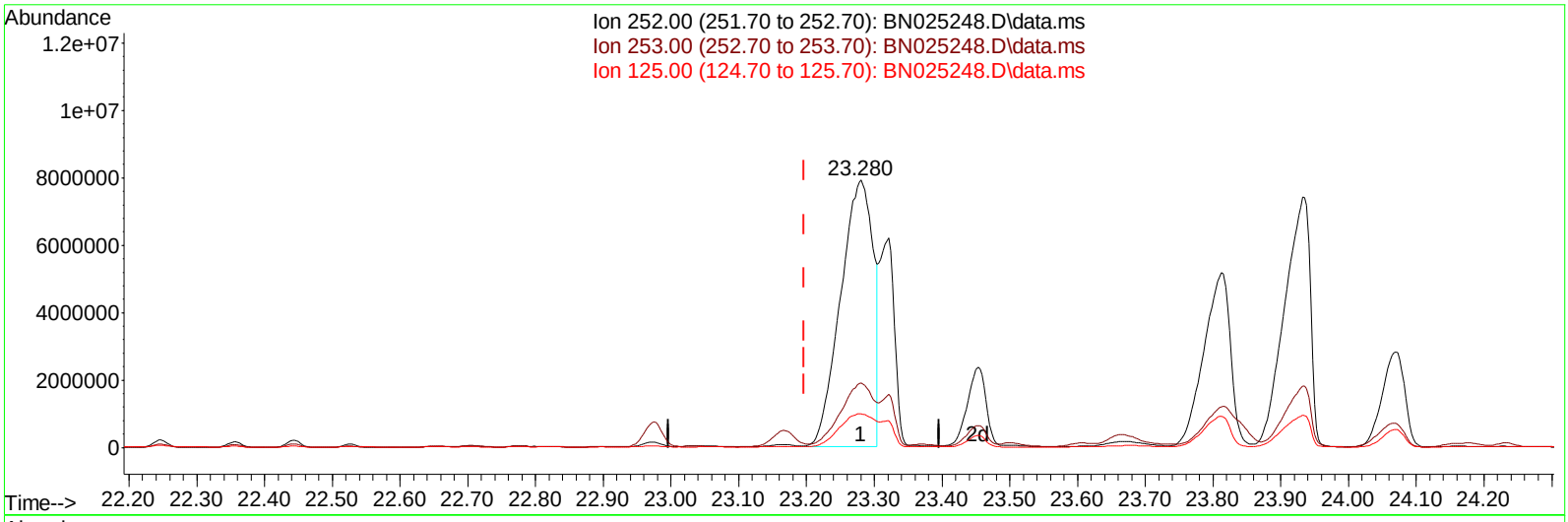

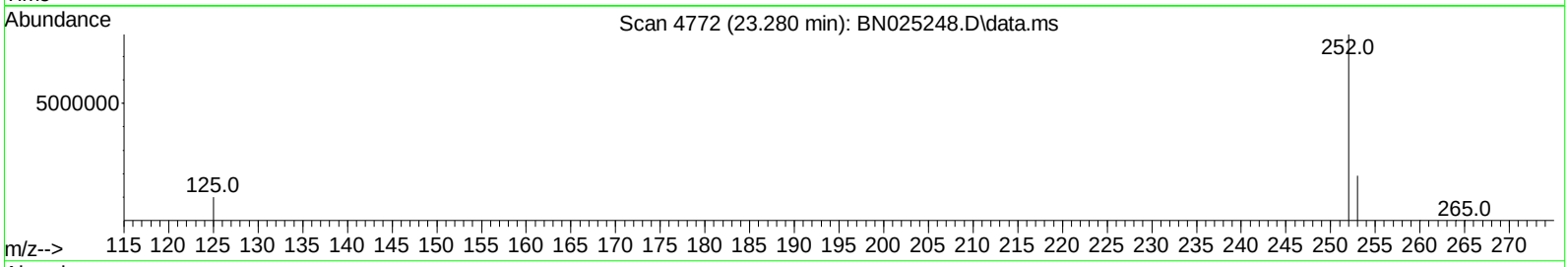

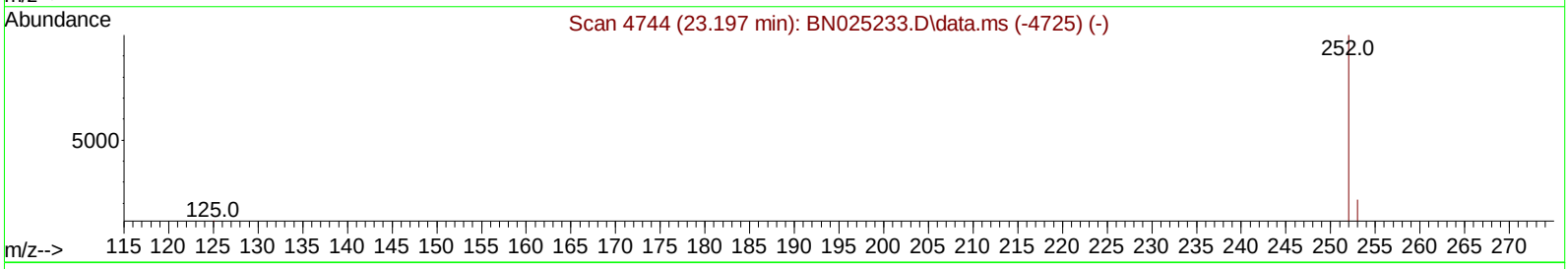

TIC: BN025248.D\data.ms

(24) Benzo(b)fluoranthene

23.280min (+ 0.084) 115.63 ng/ul m

response 26354039

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	24.30
125.00	15.20	12.70
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 15:28:32 2023
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Instrument :
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ClientSampleId :
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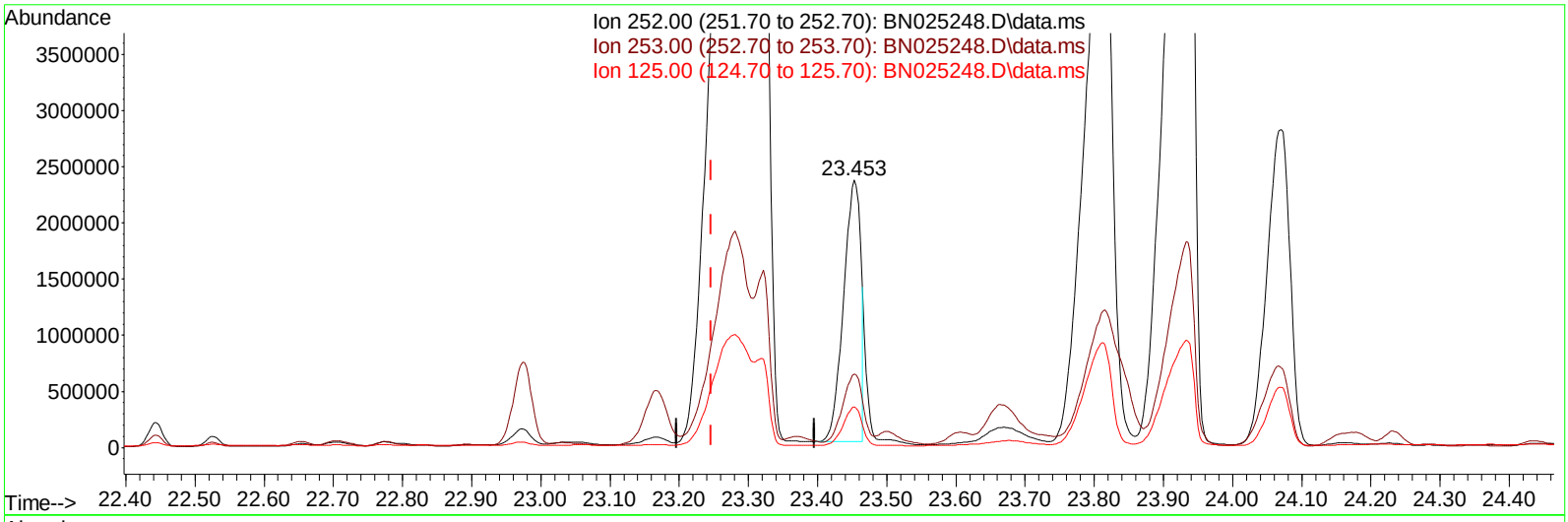

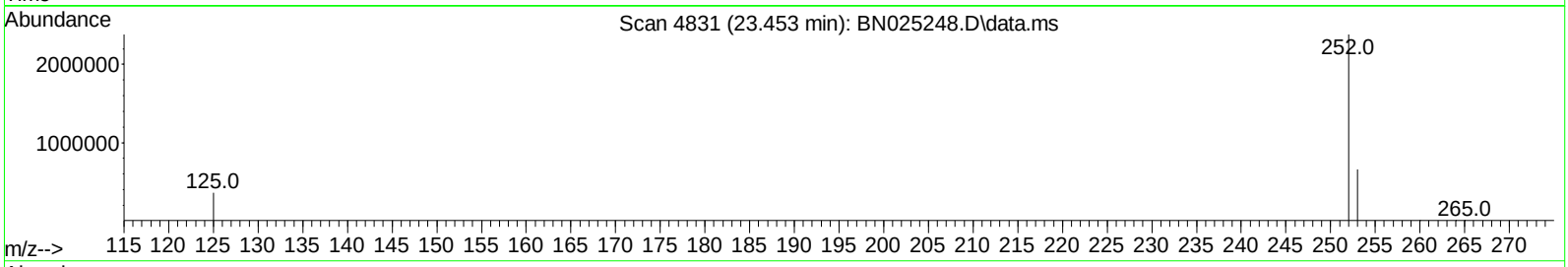

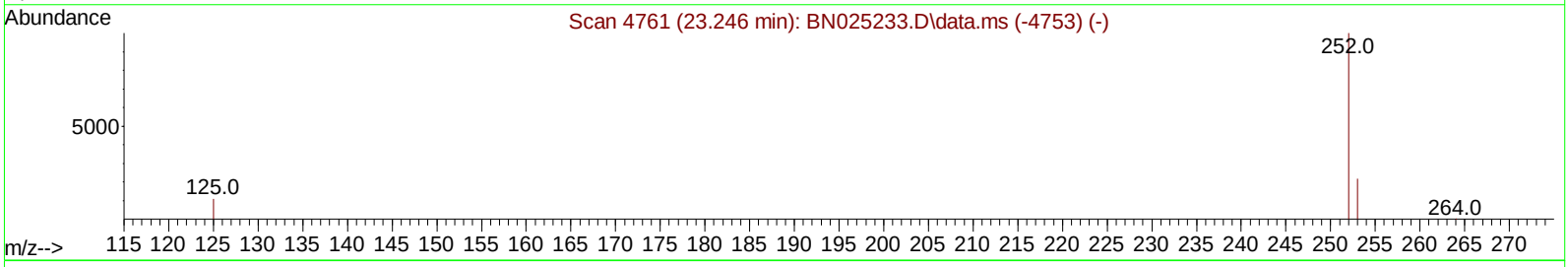

TIC: BN025248.D\data.ms

(25) Benzo(k)fluoranthene

23.453min (+ 0.207) 18.23 ng/ul

response 3996112

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	27.54
125.00	14.80	15.28
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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BNA_N
ClientSampleId :
EW937MSD

Manual IntegrationsAPPROVED

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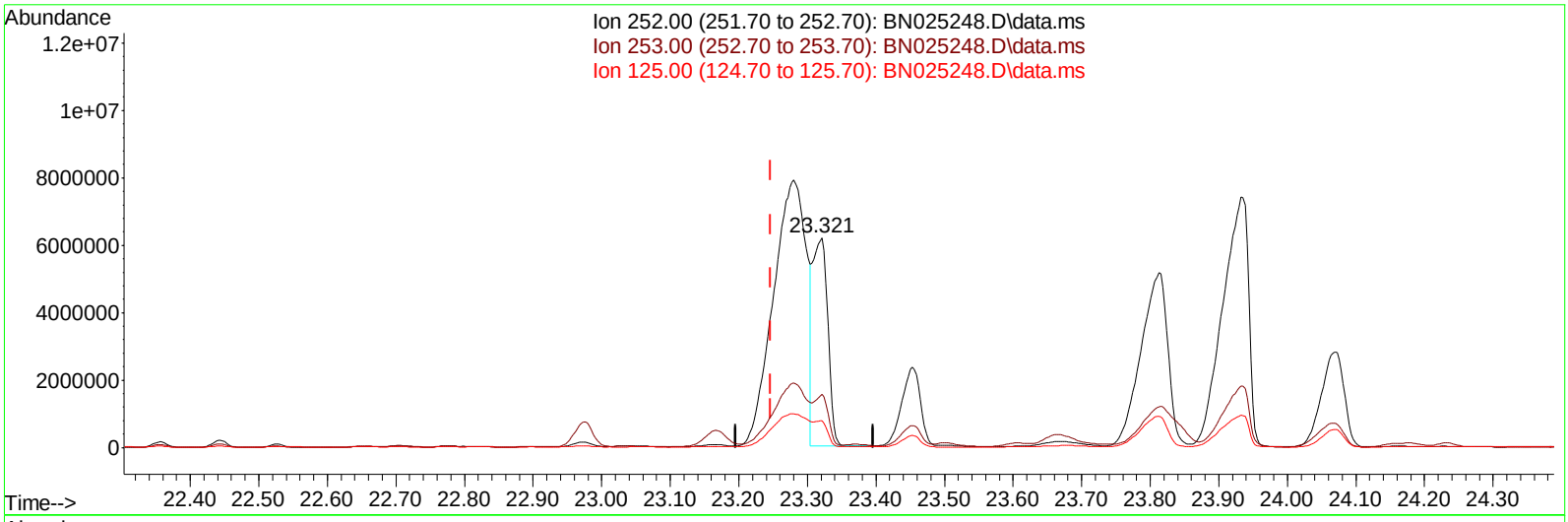

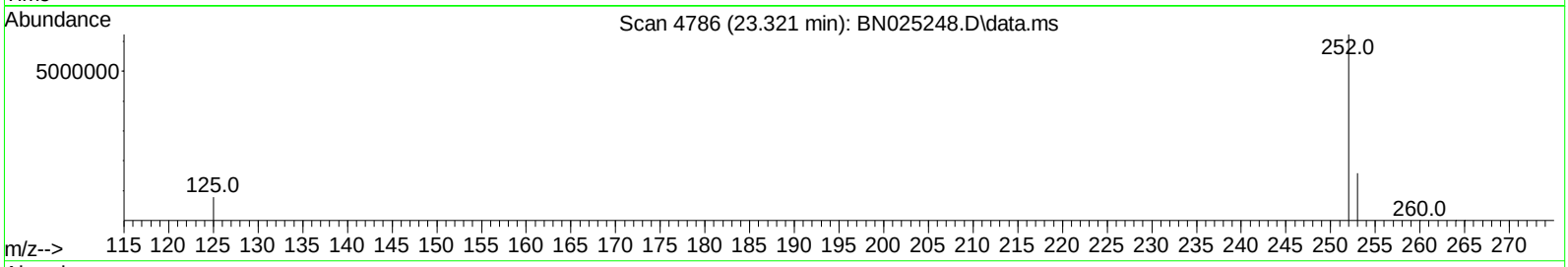

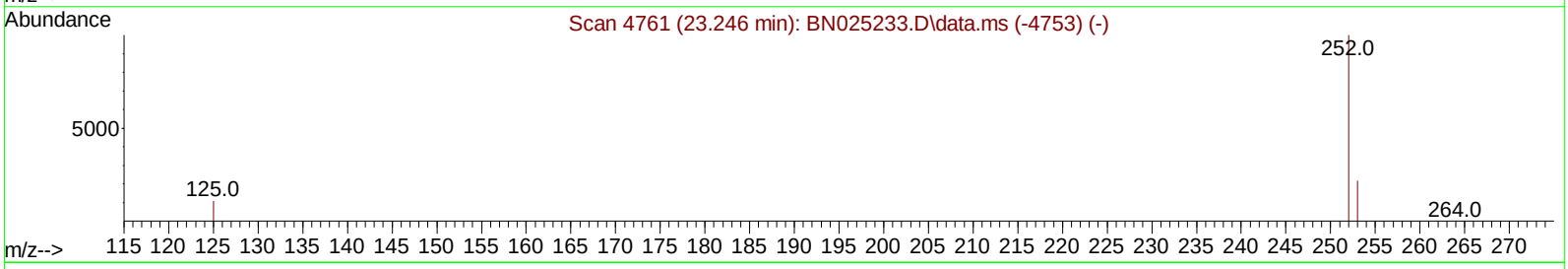

TIC: BN025248.D\data.ms

(25) Benzo(k)fluoranthene

23.321min (+ 0.075) 43.08 ng/ul m

response 9444631

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	25.38
125.00	14.80	12.65
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050323\
Data File : BN025248.D
Acq On : 03 May 2023 20:19
Operator : CG/JU
Sample : 02447-19MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: May 04 04:31:02 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7686	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	25067	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.566	164	22018m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	32300	0.400	ng/ul	# 0.02
17) Chrysene-d12	21.492	240	17591m	0.400	ng/ul	-0.01
23) Perylene-d12	23.994	264	29877m	0.400	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	2064	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	6685	0.208	ng/ul	0.00
18) Fluoranthene-d10	19.332	212	38832m	0.837	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.335	88	5227	0.610	ng/ul#	79
5) Naphthalene	10.781	128	1368779	21.311	ng/ul	99
7) 2-Methylnaphthalene	12.392	142	622346	15.820	ng/ul	99
8) 1-Methylnaphthalene	12.612	142	554142	13.215	ng/ul	99
10) Acenaphthylene	14.289	152	2066846	25.198	ng/ul	99
11) Acenaphthene	14.631	153	2123213	30.709	ng/ul	98
12) Fluorene	15.621	166	3187540	41.239	ng/ul	100
14) Pentachlorophenol	16.989	266	2801	0.442	ng/ul	99
15) Phenanthrene	17.373	178	24855059m	272.620	ng/ul	
16) Anthracene	17.470	178	11299089	151.494	ng/ul	98
19) Fluoranthene	19.397	202	31468145	494.686	ng/ul#	85
20) Pyrene	19.764	202	29030777	444.180	ng/ul#	82
21) Benzo(a)anthracene	21.521	228	19667618	371.029	ng/ul#	89
22) Chrysene	21.582	228	19335750	334.383	ng/ul	93
24) Benzo(b)fluoranthene	23.280	252	26354039m	217.416	ng/ul	
25) Benzo(k)fluoranthene	23.321	252	9444631m	81.005	ng/ul	
26) Benzo(a)pyrene	23.932	252	19476015	194.195	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.639	276	14538691	125.818	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.625	278	4317253	47.831	ng/ul	99
29) Benzo(g,h,i)perylene	27.434	276	13231681	134.666	ng/ul	98

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

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