Quantitation Report (Qedit)

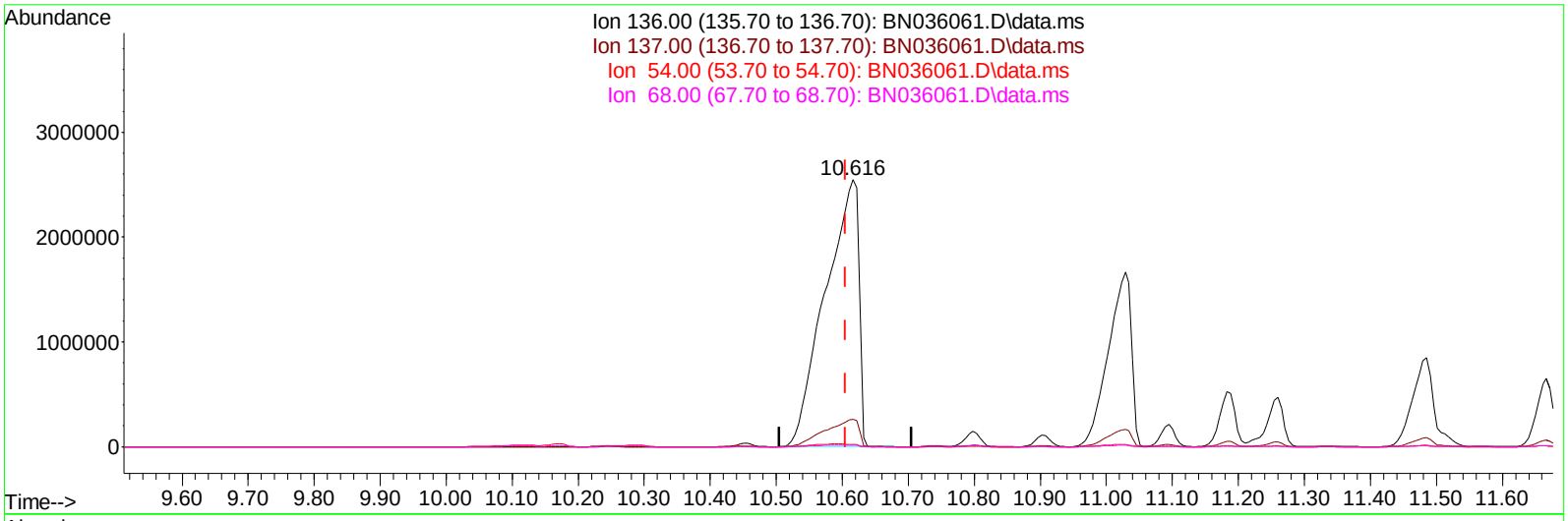
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036061.D
Acq On : 28 Jan 2025 06:26
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

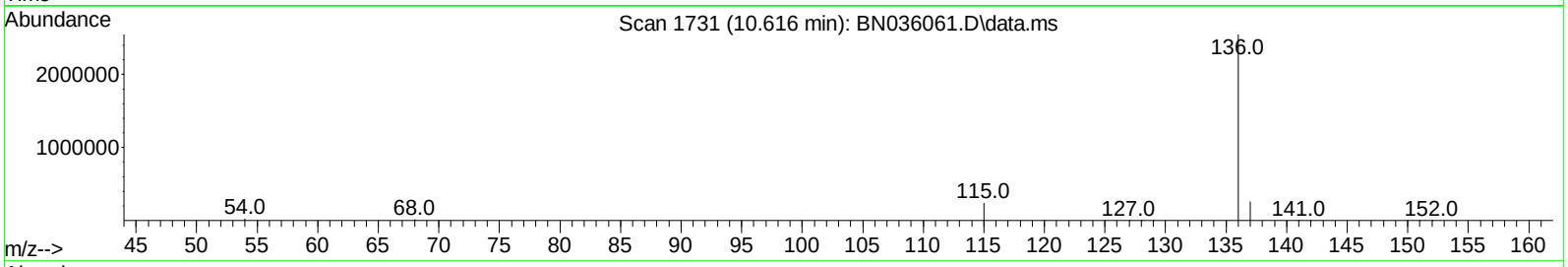
Quant Time: Jan 28 06:49:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

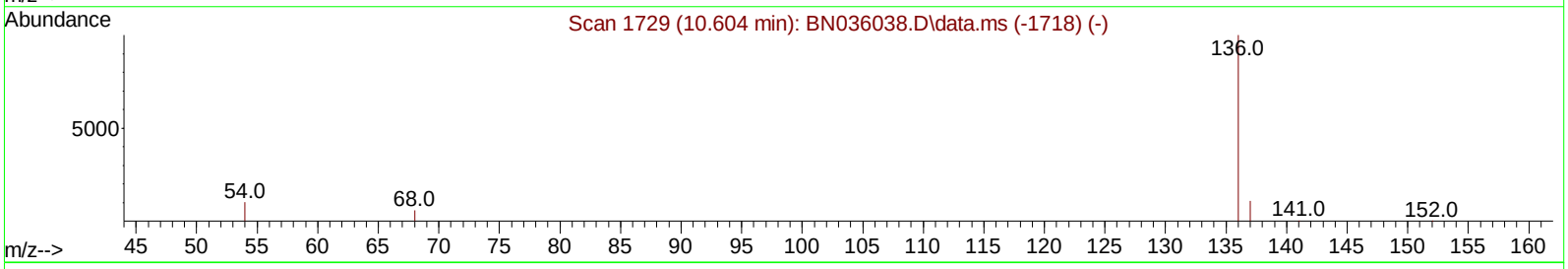
Instrument :
BNA_N
ClientSampleId :
E2939

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 01/28/2025
Supervised By :mohammad ahmed 01/31/2025







TIC: BN036061.D\data.ms

(4) Naphthalene-d8 (I)

10.616min (+ 0.011) 0.40 ng/ul

response 8921836

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.26
54.00	12.80	0.95#
68.00	8.10	0.59#

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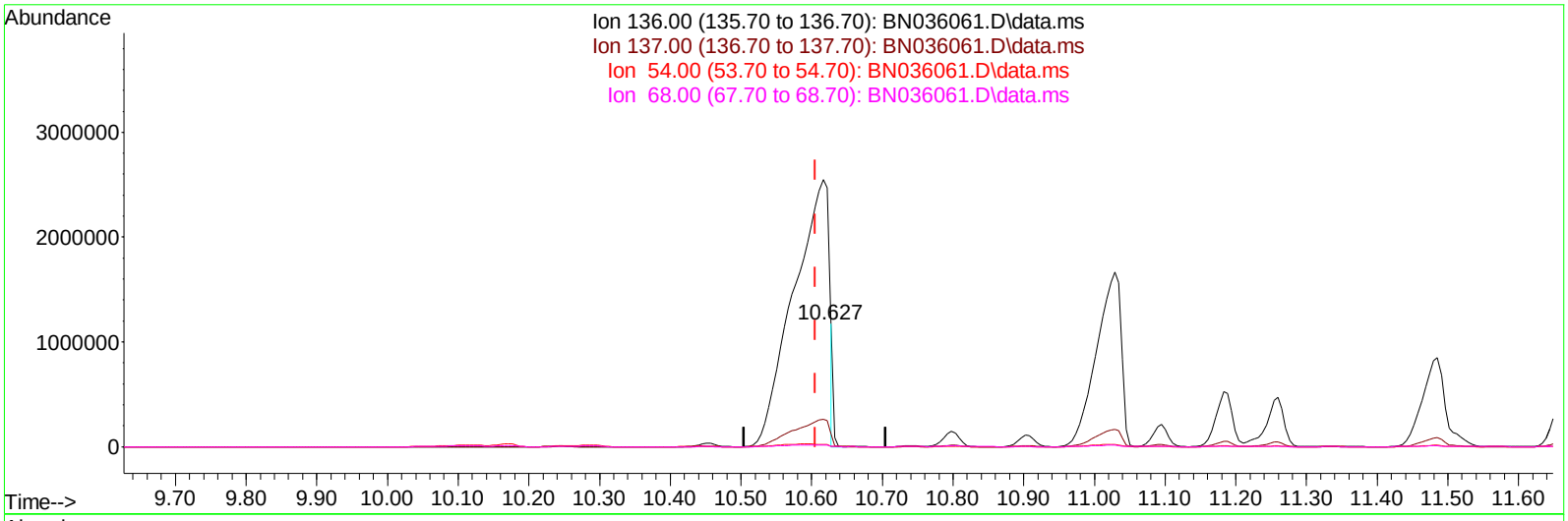

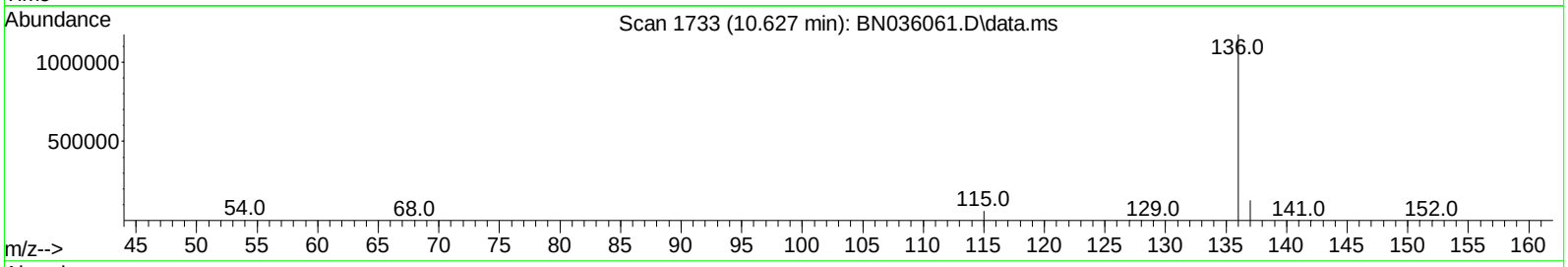

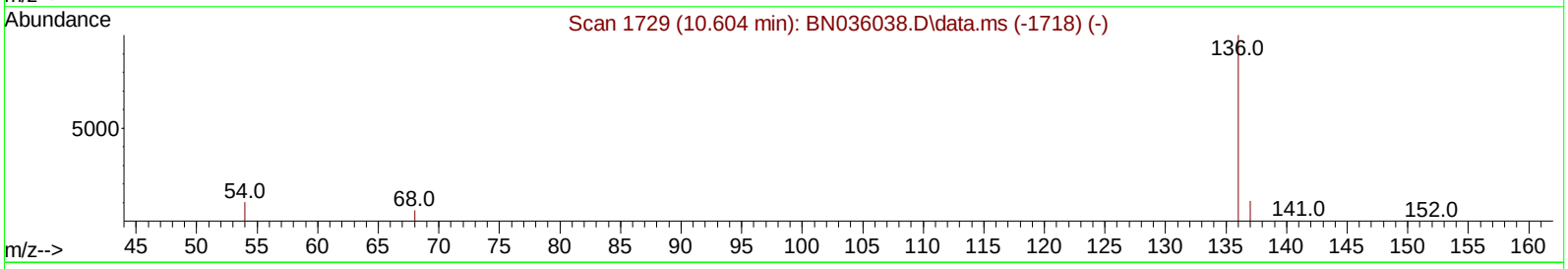

TIC: BN036061.D\data.ms

(4) Naphthalene-d8 (I)

10.627min (+ 0.022) 0.40 ng/ul m

response 32083

Ion	Exp%	Act%
136.00	100.00	100.00
137.00	12.70	10.76
54.00	12.80	0.46#
68.00	8.10	0.36#

Quantitation Report (Qedit)

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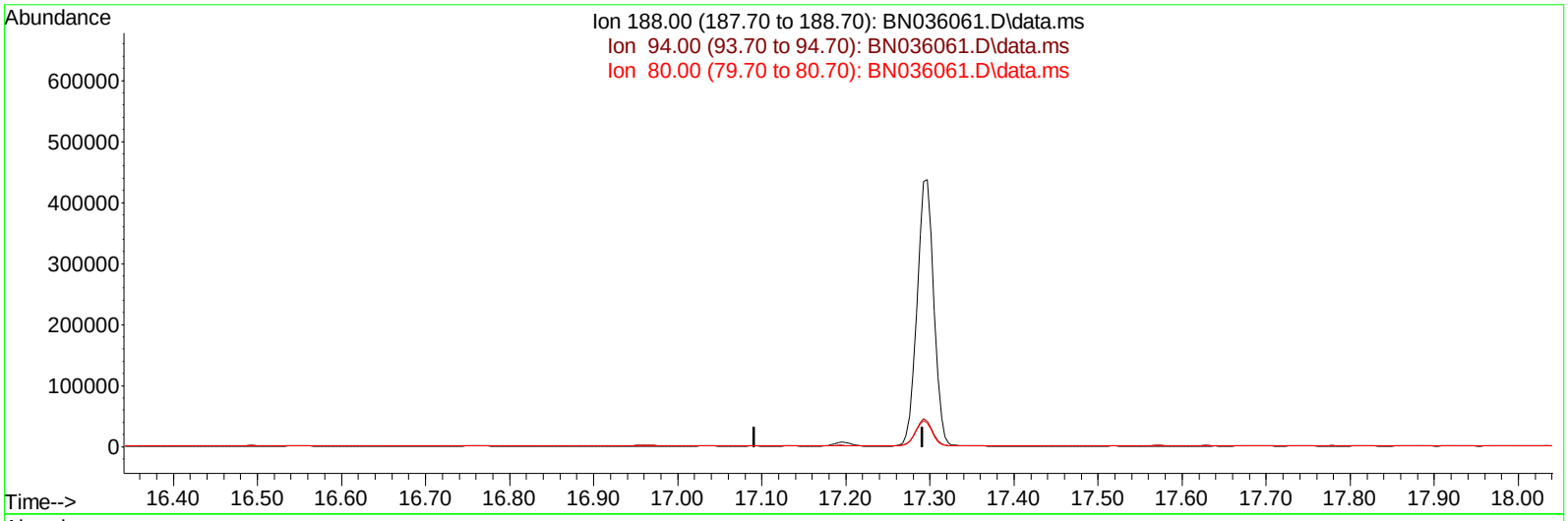

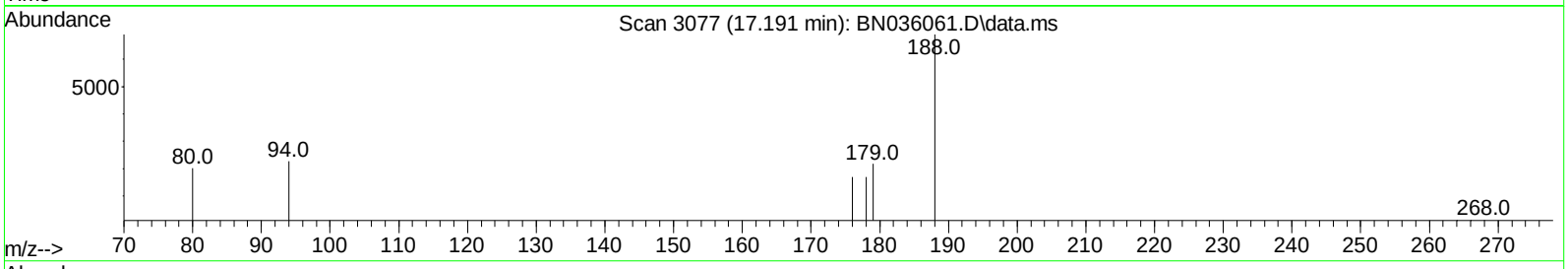

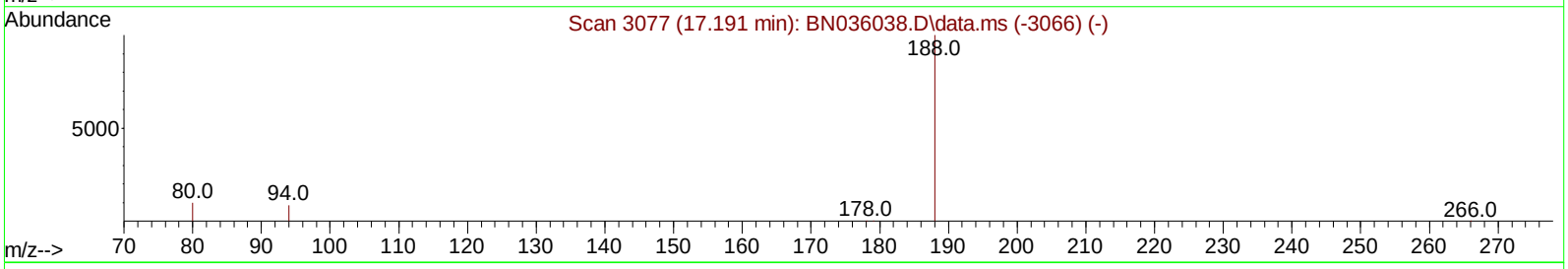

TIC: BN036061.D\data.ms

(13) Phenanthrene-d10 (I)

17.191min (-17.191) 0.00 ng/ul

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	10.10	0.00#
80.00	10.90	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

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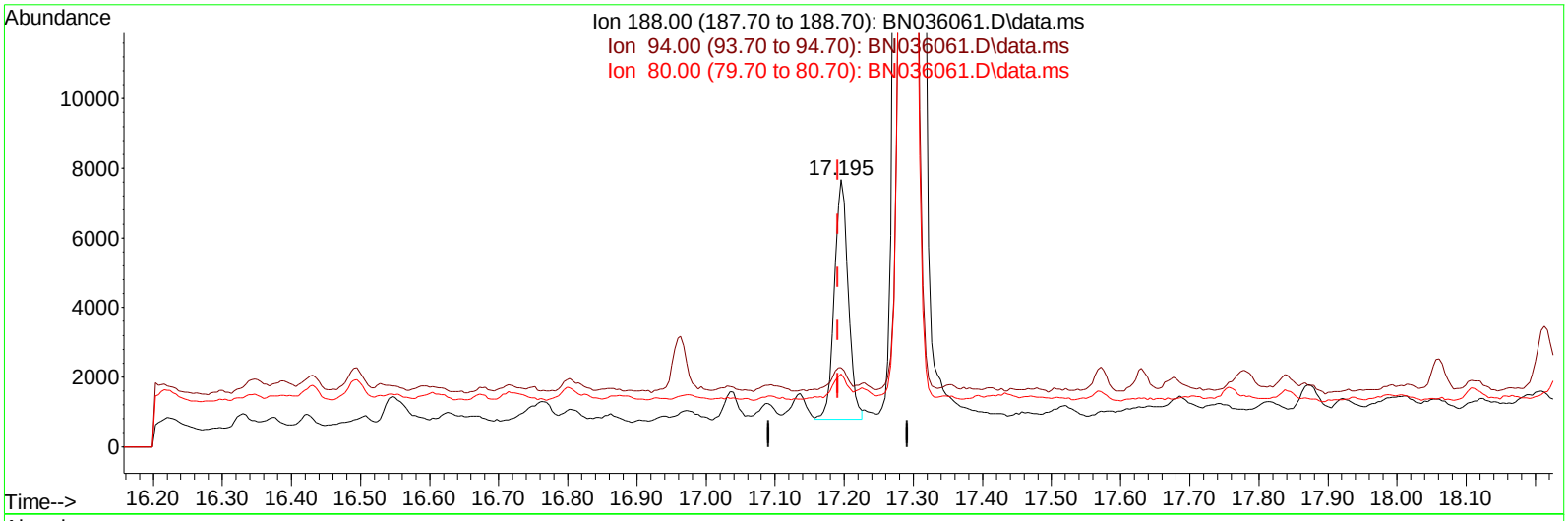

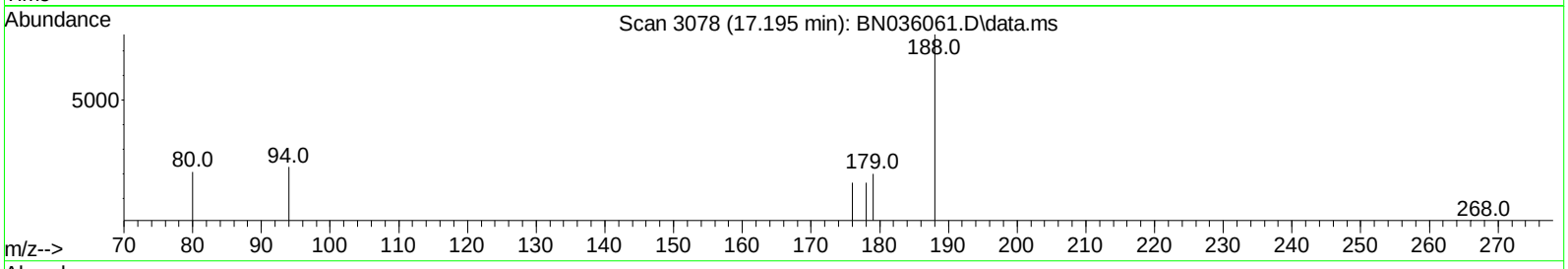

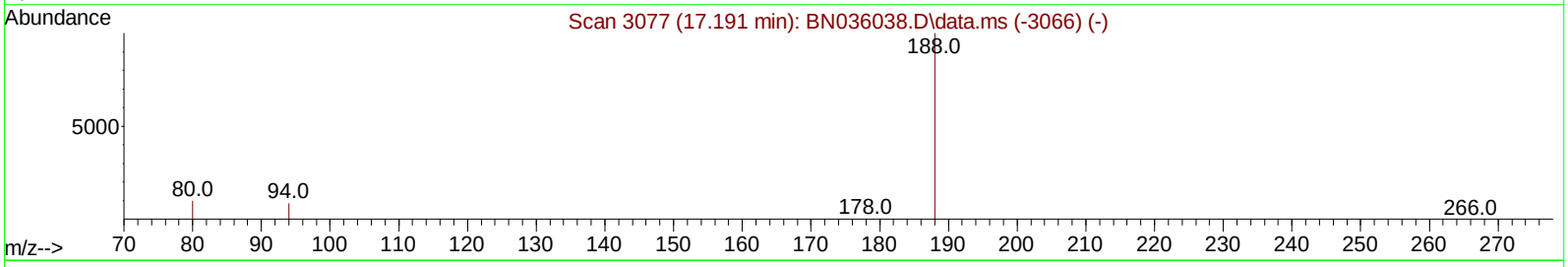

TIC: BN036061.D\data.ms

(13) Phenanthrene-d10 (I)

17.195min (+ 0.004) 0.40 ng/ul m

response 9657

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	29.64#
80.00	10.90	27.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036061.D
Acq On : 28 Jan 2025 06:26
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Jan 28 06:49:02 2025
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ClientSampleId :
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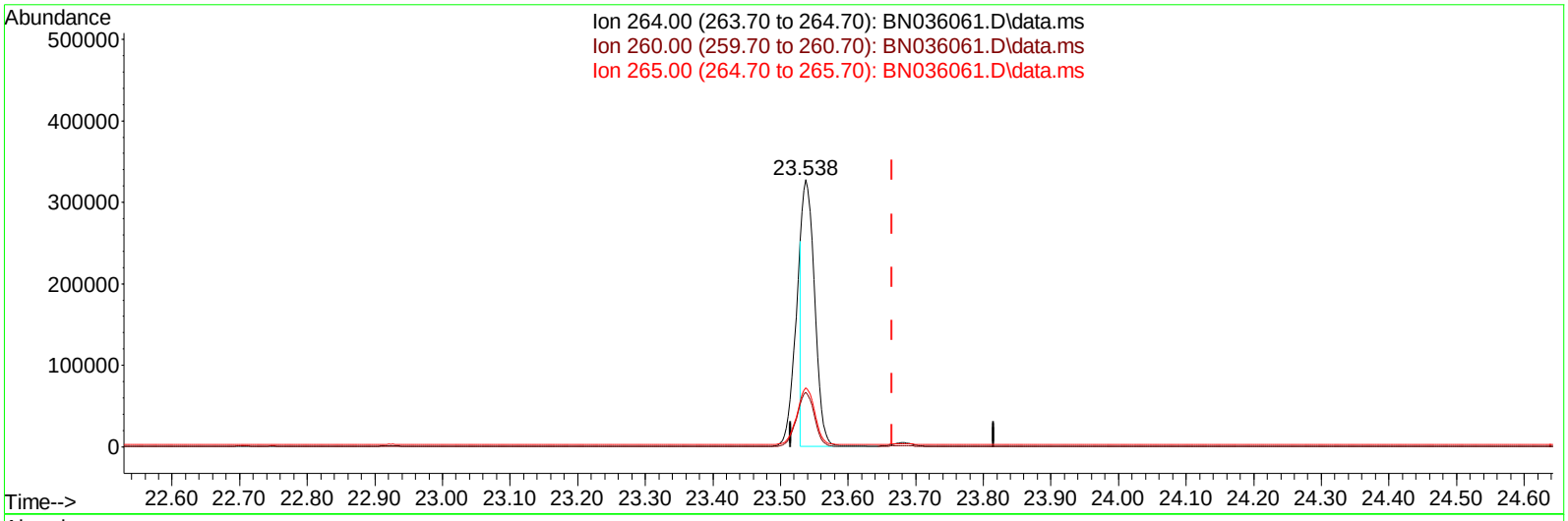

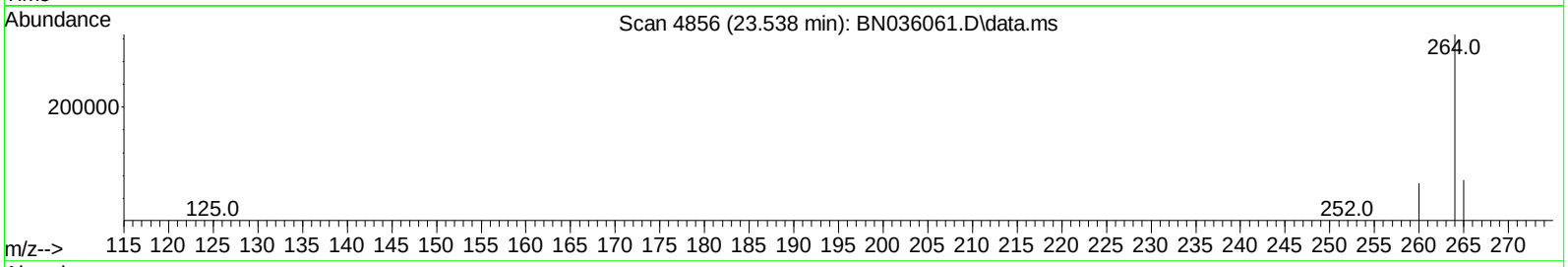

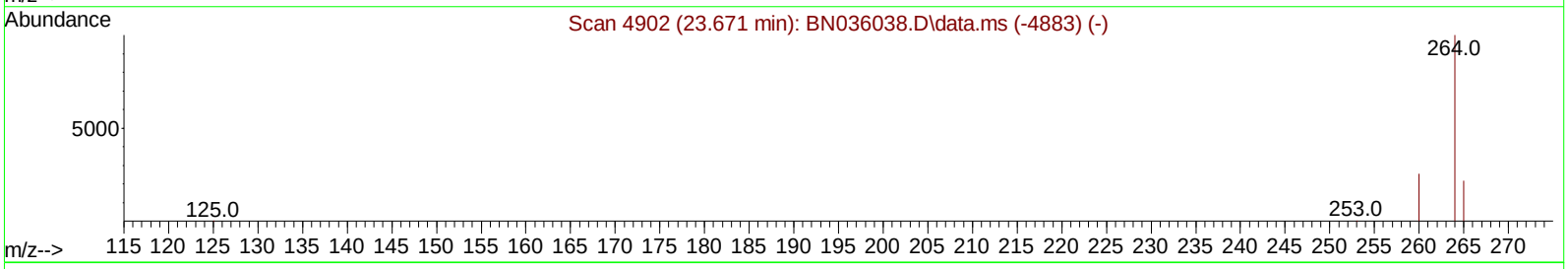

TIC: BN036061.D\data.ms

(23) Perylene-d12 (I)

23.538min (-0.128) 0.40 ng/ul

response 427415

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	20.37#
265.00	53.20	22.11#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 34 Sample Multiplier: 1

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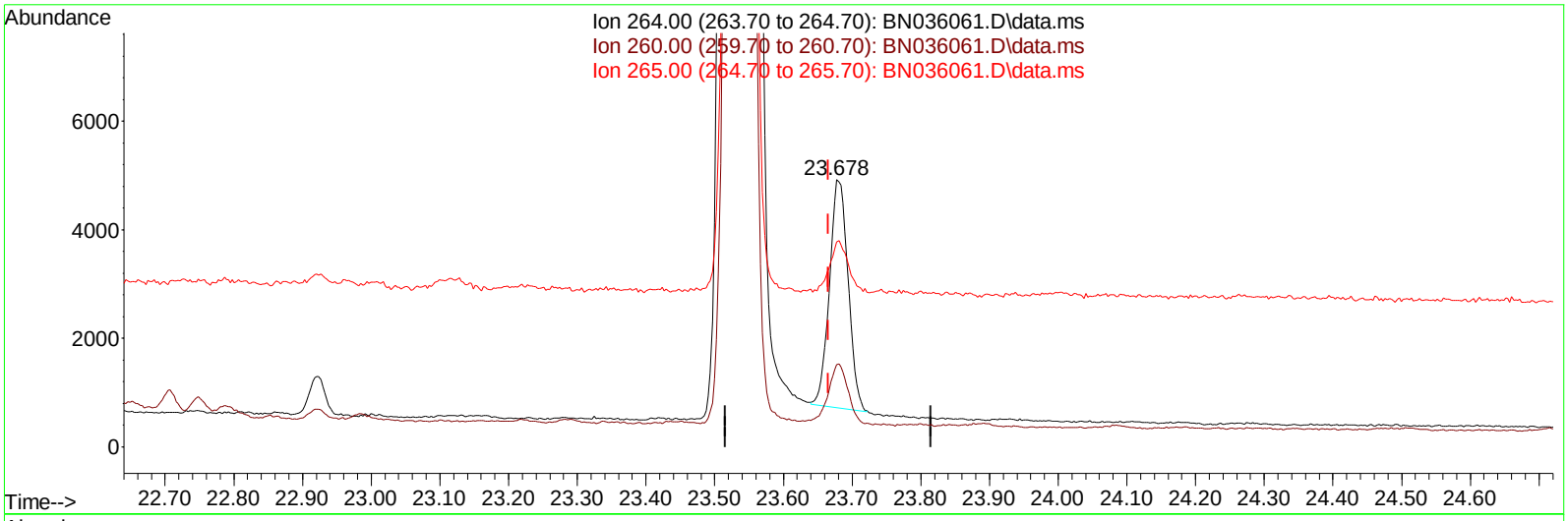

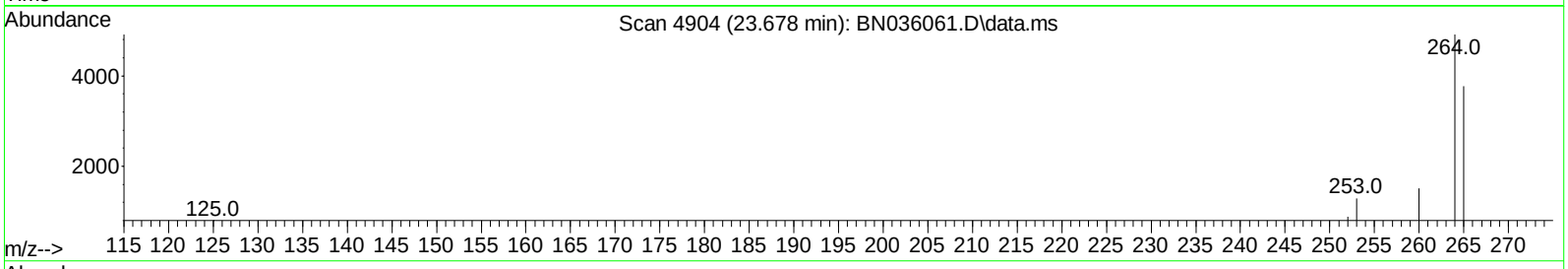

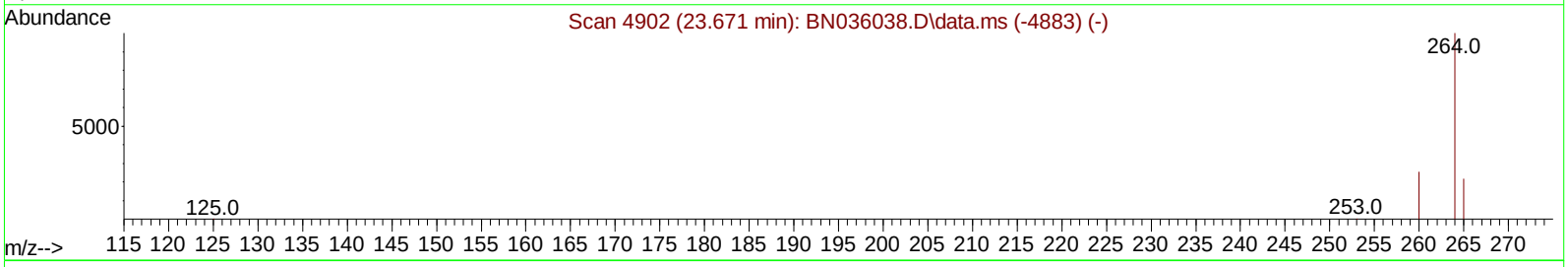

TIC: BN036061.D\data.ms

(23) Perylene-d12 (I)

23.678min (+ 0.012) 0.40 ng/ul m

response 7930

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	30.70
265.00	53.20	76.72#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036061.D
Acq On : 28 Jan 2025 06:26
Operator : RC/JU
Sample : Q1174-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	2745	0.400	ng/ul		0.00
4) Naphthalene-d8	10.627	136	32083m	0.400	ng/ul		0.02
9) Acenaphthene-d10	14.459	164	15187	0.400	ng/ul	#	0.00
13) Phenanthrene-d10	17.195	188	9657m	0.400	ng/ul		0.00
17) Chrysene-d12	21.378	240	9956	0.400	ng/ul	#	0.00
23) Perylene-d12	23.678	264	7930m	0.400	ng/ul		0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.276	96	11801	3.927	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.211	152	4667	0.115	ng/ul		0.01
18) Fluoranthene-d10	19.225	212	7728	0.282	ng/ul		0.00
Target Compounds							Qvalue
8) 1-Methylnaphthalene	12.503	142	17456	0.313	ng/ul		91
10) Acenaphthylene	14.182	152	5242	0.073	ng/ul#		25
11) Acenaphthene	14.524	153	36024	0.684	ng/ul#		79
12) Fluorene	15.505	166	16300	0.280	ng/ul#		95
14) Pentachlorophenol	16.853	266	1006	0.297	ng/ul		97
15) Phenanthrene	17.238	178	45411	1.606	ng/ul#		93
16) Anthracene	17.326	178	11056	0.421	ng/ul#		41
19) Fluoranthene	19.252	202	12154	0.321	ng/ul#		82
20) Pyrene	19.615	202	8718	0.221	ng/ul#		72

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

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