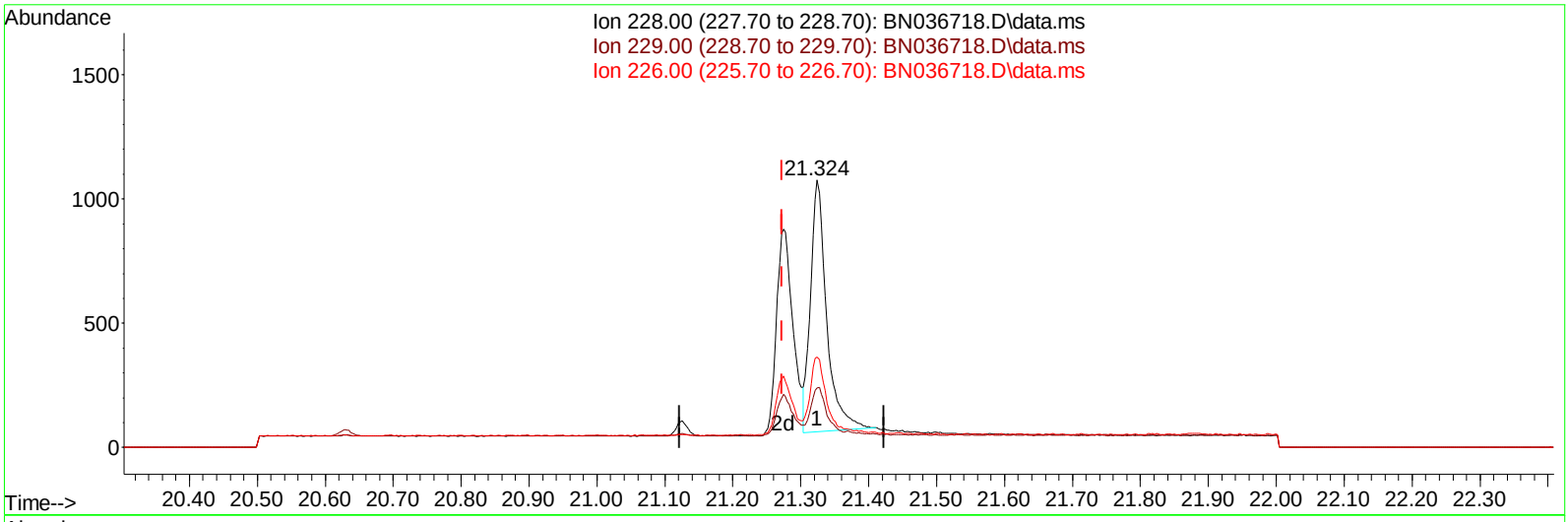
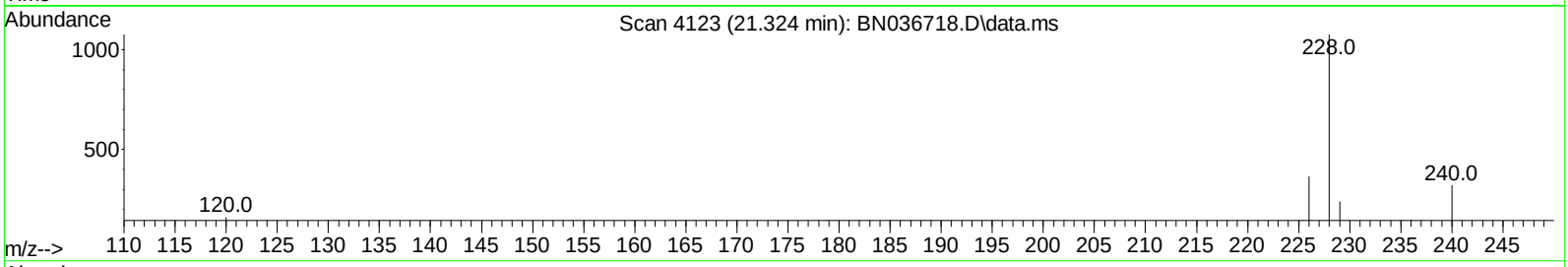
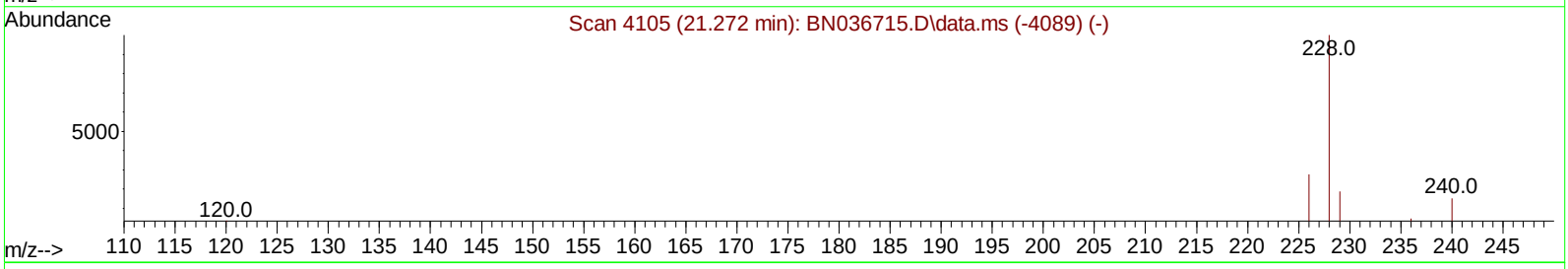
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
Sample : Q1546-03
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration







TIC: BN036718.D\data.ms

(21) Benzo(a)anthracene

21.324min (+ 0.052) 0.08 ng/ul

response 1668

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	22.21
226.00	28.40	33.92
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
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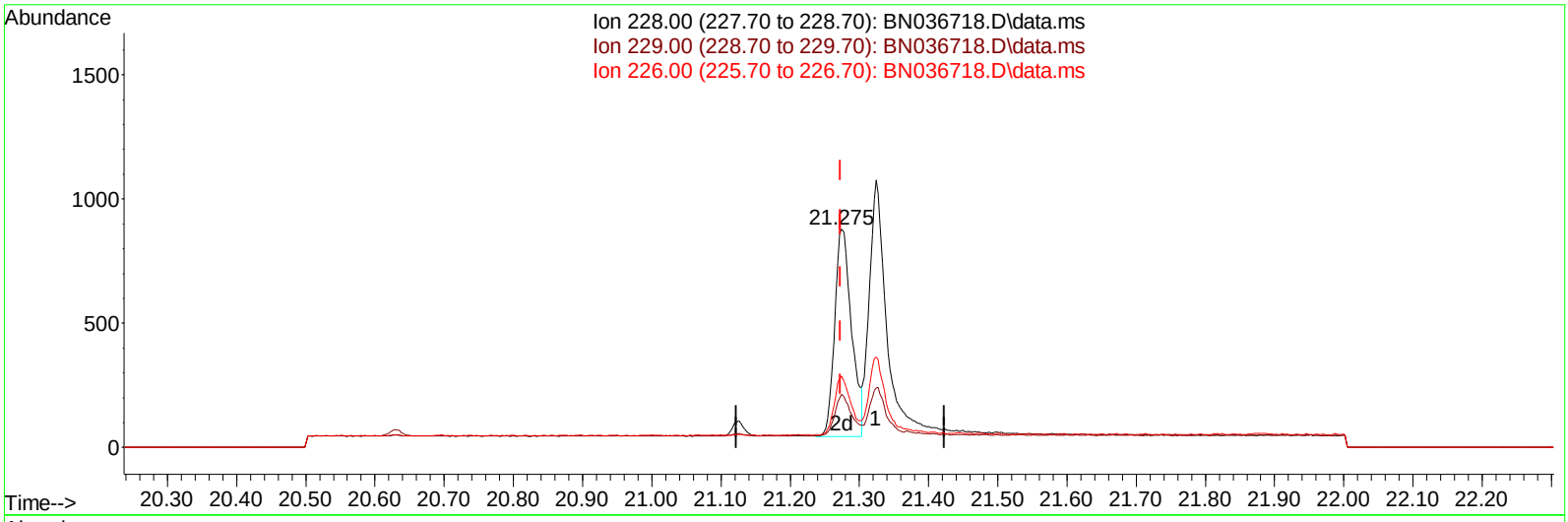
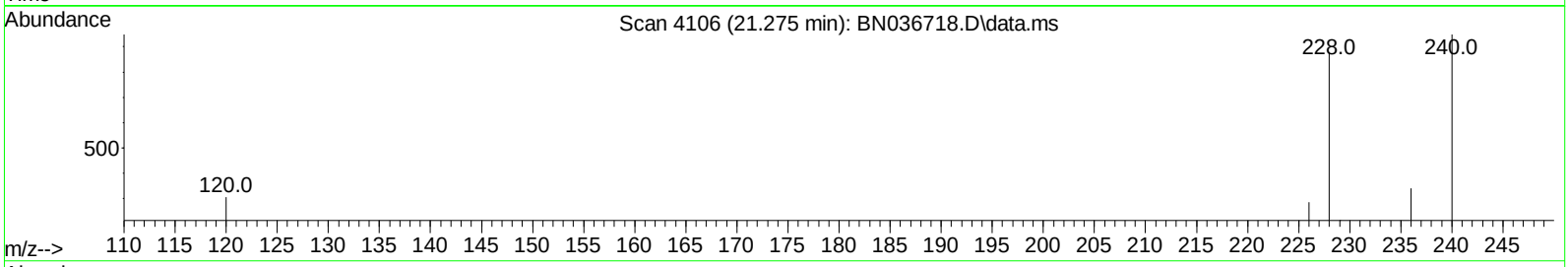
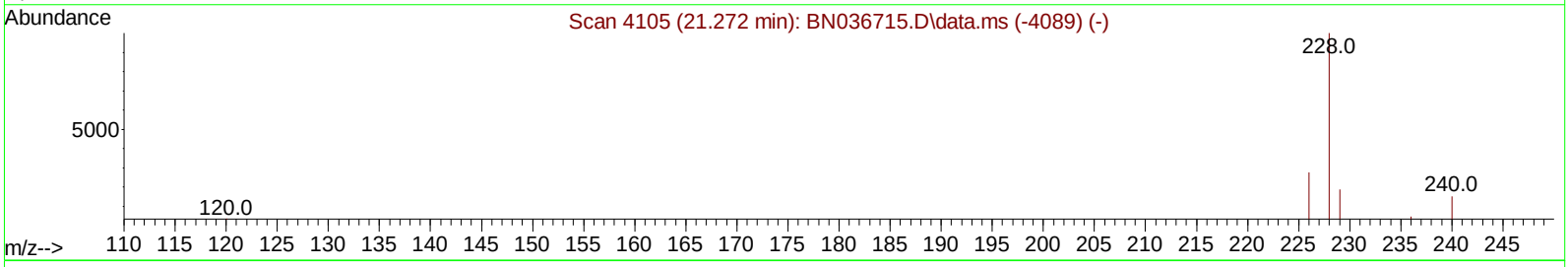
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration







TIC: BN036718.D\data.ms

(21) Benzo(a)anthracene

21.275min (+ 0.002) 0.07 ng/ul m

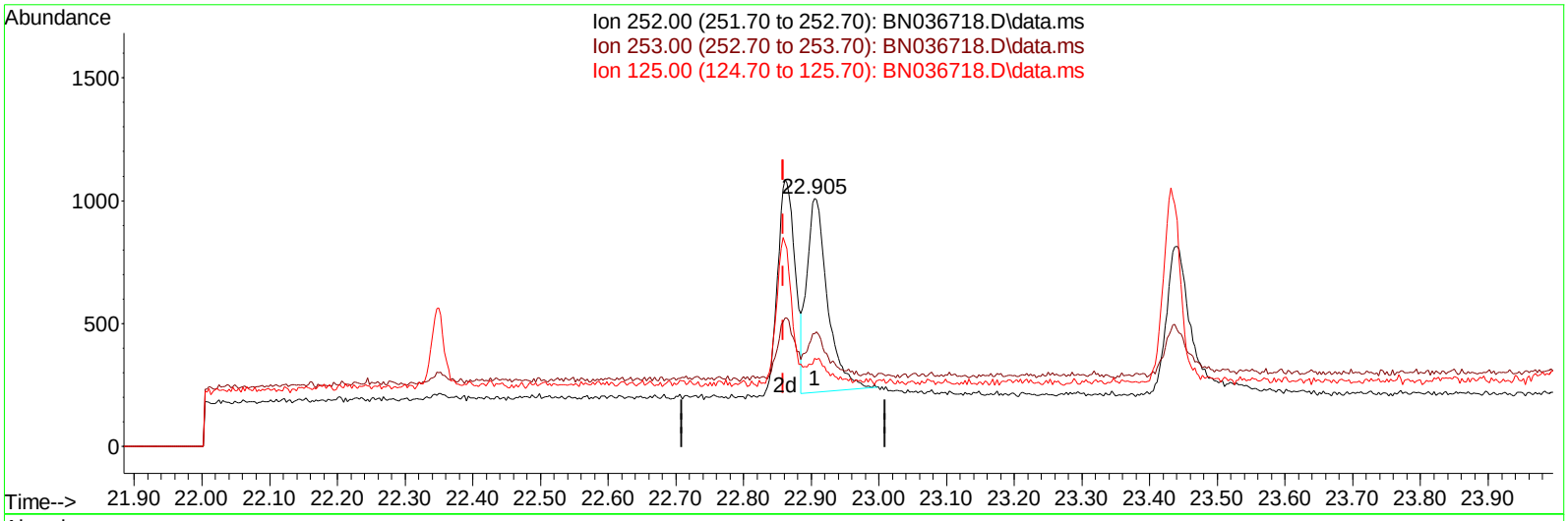
response 1427

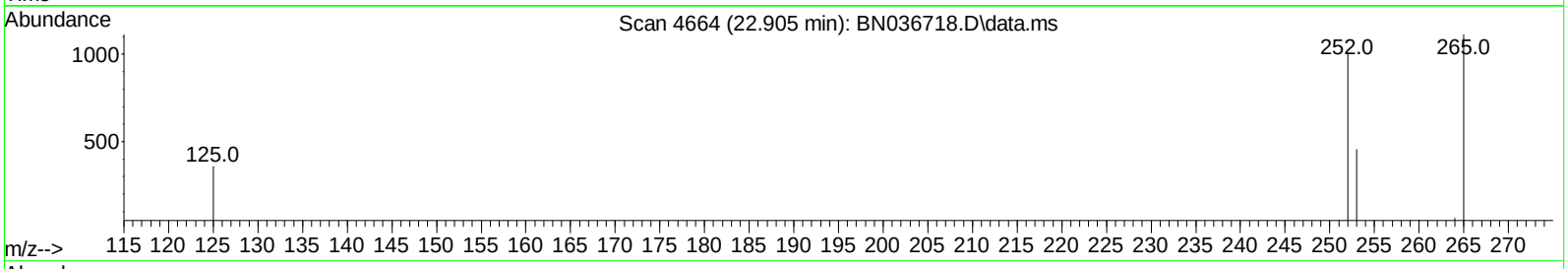
Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.00	24.35#
226.00	28.40	32.65
0.00	0.00	0.00

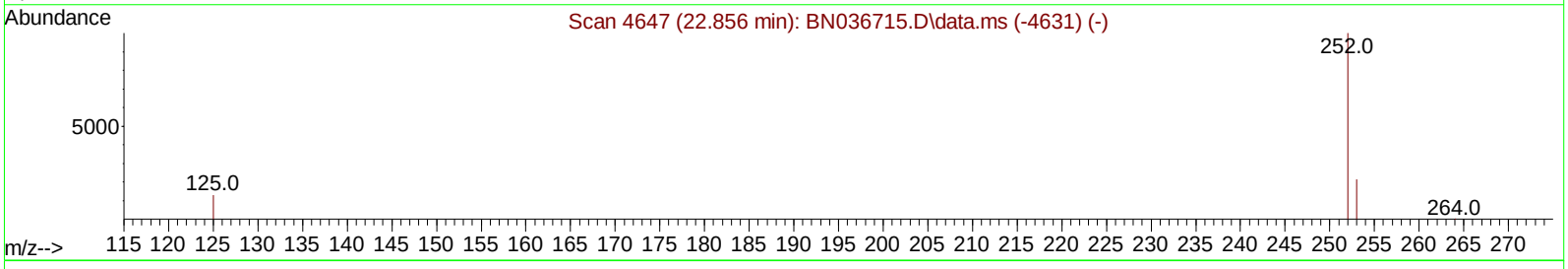
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
Sample : Q1546-03
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration







TIC: BN036718.D\data.ms

(24) Benzo(b)fluoranthene

22.905min (+ 0.046) 0.08 ng/ul

response 1688

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	45.39
125.00	17.90	35.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
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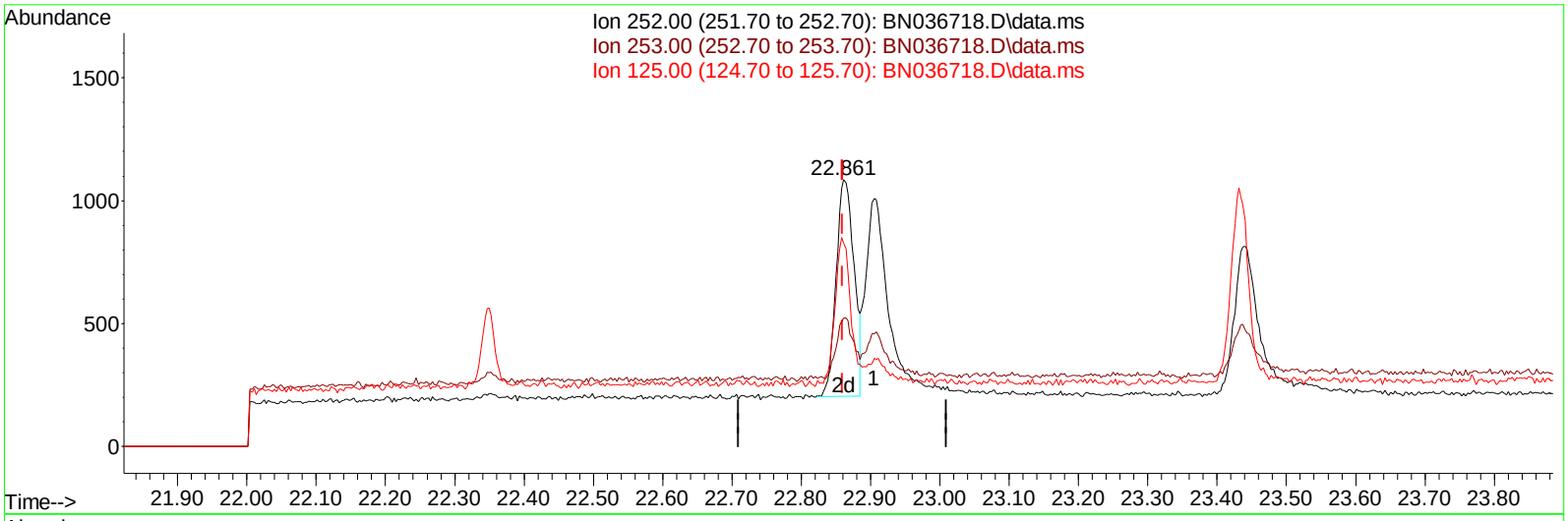
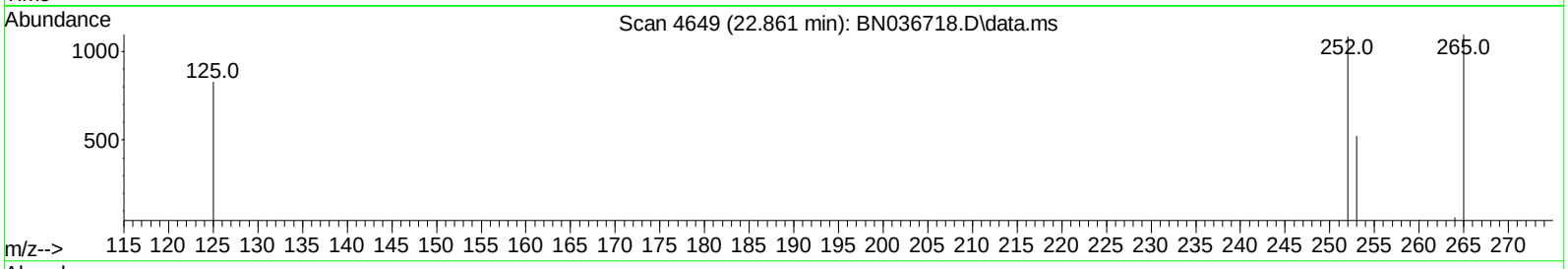
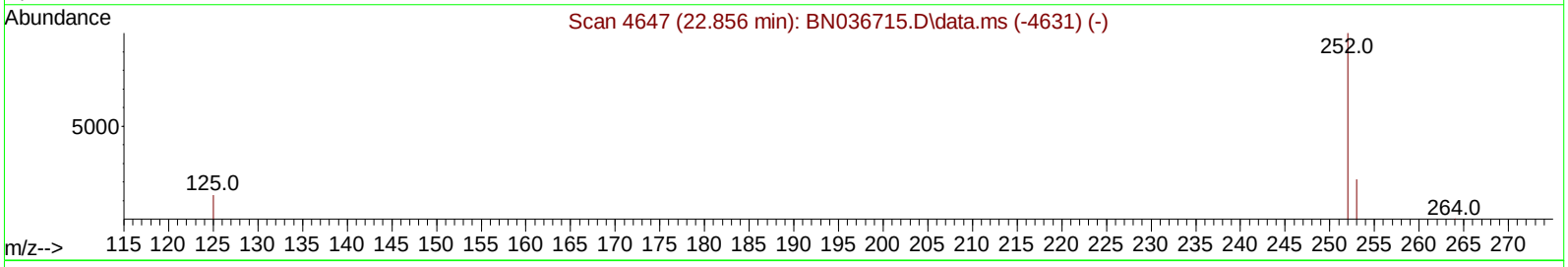
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration







TIC: BN036718.D\data.ms

(24) Benzo(b)fluoranthene

22.861min (+ 0.002) 0.08 ng/ul m

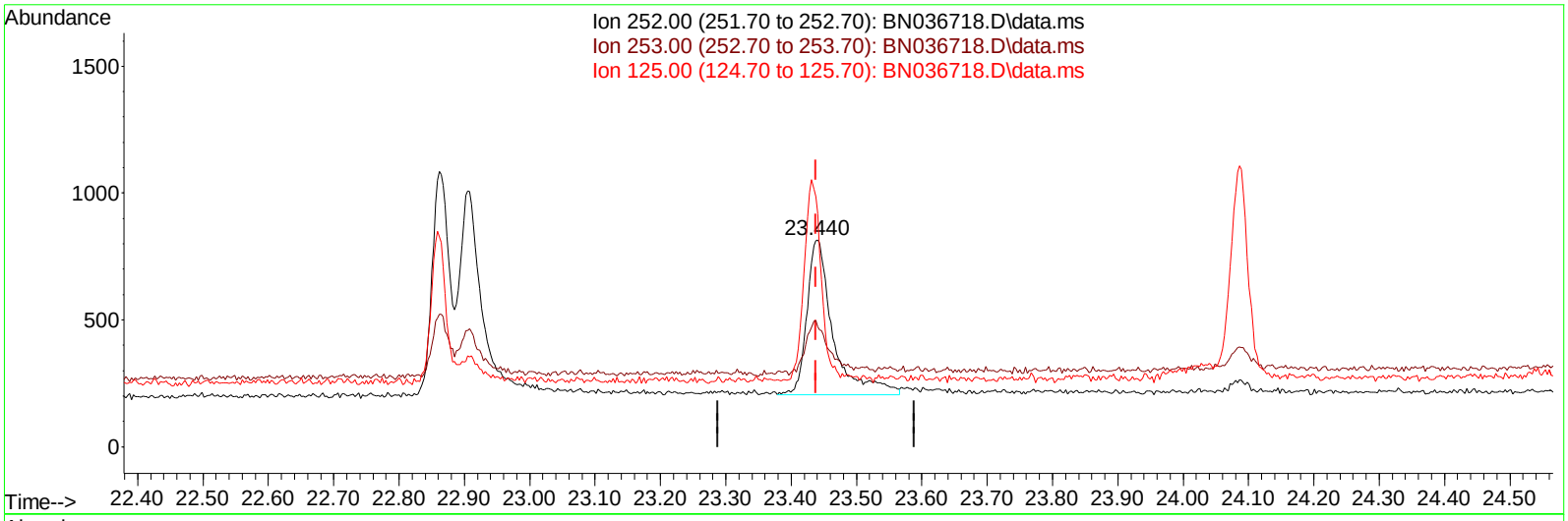
response 1588

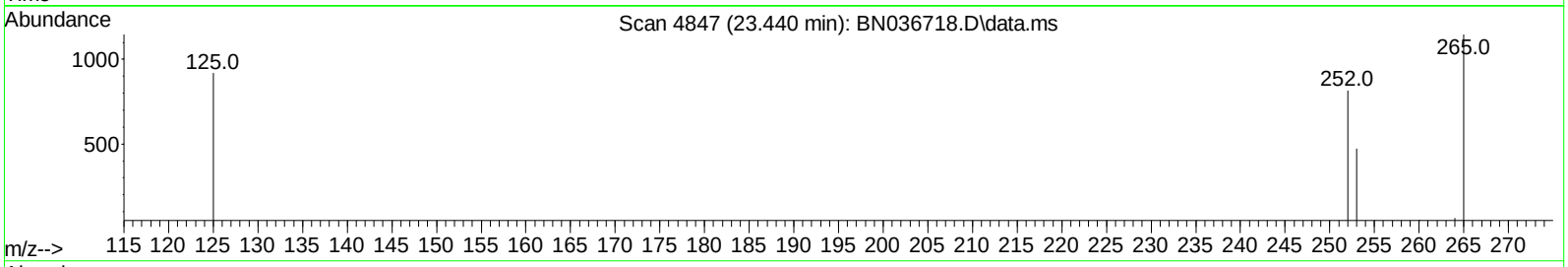
Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.30	48.20
125.00	17.90	76.22#
0.00	0.00	0.00

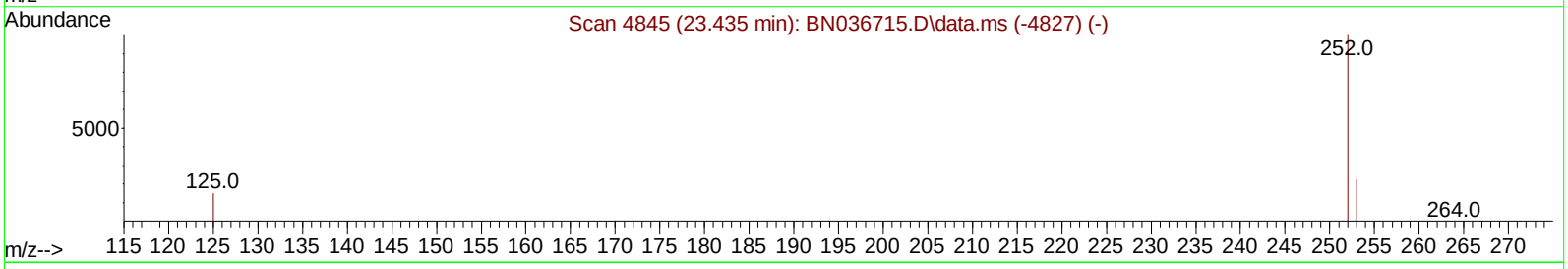
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
Sample : Q1546-03
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration







TIC: BN036718.D\data.ms

(26) Benzo(a)pyrene (C)

23.440min (+ 0.002) 0.09 ng/ul

response 1700

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.20	58.09#
125.00	22.80	112.62#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
Sample : Q1546-03
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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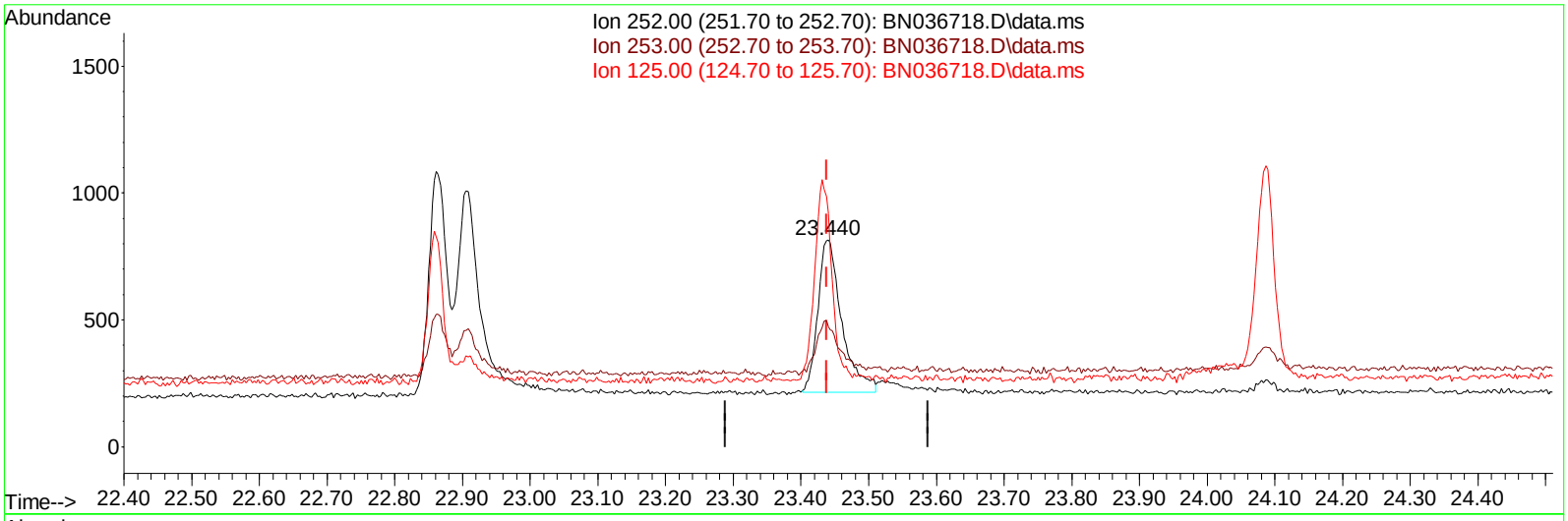

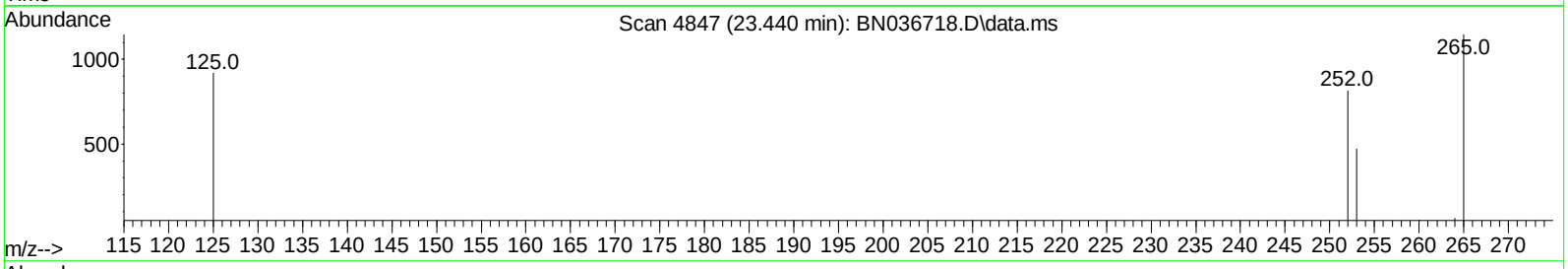

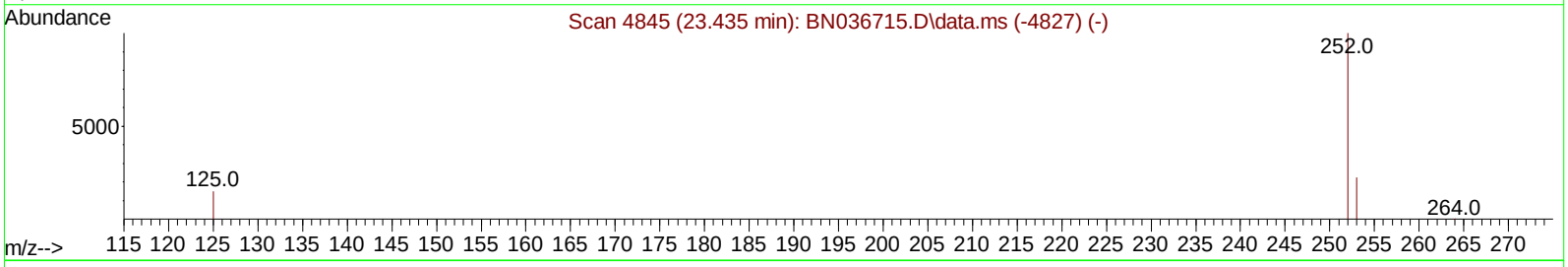

TIC: BN036718.D\data.ms

(26) Benzo(a)pyrene (C)

23.440min (+ 0.002) 0.08 ng/ul m

response 1467

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.20	58.09#
125.00	22.80	112.62#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032525\
Data File : BN036718.D
Acq On : 25 Mar 2025 11:50
Operator : RC/JU
Sample : Q1546-03
Misc : MDL-SOIL-QT1-2025
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 25 12:54:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN032425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 24 17:31:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.707	152	2242	0.400	ng/ul	0.00
4) Naphthalene-d8	10.502	136	5081	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	3200	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.103	188	6574	0.400	ng/ul	0.00
17) Chrysene-d12	21.289	240	5422	0.400	ng/ul	0.00
23) Perylene-d12	23.537	264	5268	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	1221	0.453	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	2158	0.302	ng/ul	0.01
18) Fluoranthene-d10	19.128	212	6294	0.354	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.235	88	230	0.078	ng/ul#	77
5) Naphthalene	10.551	128	1041	0.068	ng/ul#	79
7) 2-Methylnaphthalene	12.179	142	606	0.063	ng/ul	98
8) 1-Methylnaphthalene	12.393	142	694	0.067	ng/ul	100
10) Acenaphthylene	14.071	152	1023	0.065	ng/ul#	83
11) Acenaphthene	14.414	153	865	0.069	ng/ul	98
12) Fluorene	15.413	166	877	0.063	ng/ul#	96
14) Pentachlorophenol	16.761	266	142	0.065	ng/ul	98
15) Phenanthrene	17.141	178	1491	0.066	ng/ul#	90
16) Anthracene	17.243	178	1072	0.056	ng/ul#	85
19) Fluoranthene	19.160	202	1830	0.073	ng/ul#	88
20) Pyrene	19.523	202	1899	0.072	ng/ul#	93
21) Benzo(a)anthracene	21.275	228	1427m	0.069	ng/ul	
22) Chrysene	21.324	228	1787	0.076	ng/ul	95
24) Benzo(b)fluoranthene	22.861	252	1588m	0.076	ng/ul	
25) Benzo(k)fluoranthene	22.905	252	1847	0.079	ng/ul#	61
26) Benzo(a)pyrene	23.440	252	1467m	0.076	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.823	276	1654	0.077	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.840	278	1204	0.074	ng/ul#	52
29) Benzo(g,h,i)perylene	26.504	276	1412	0.079	ng/ul#	86

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

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