Quantitation Report (Qedit)

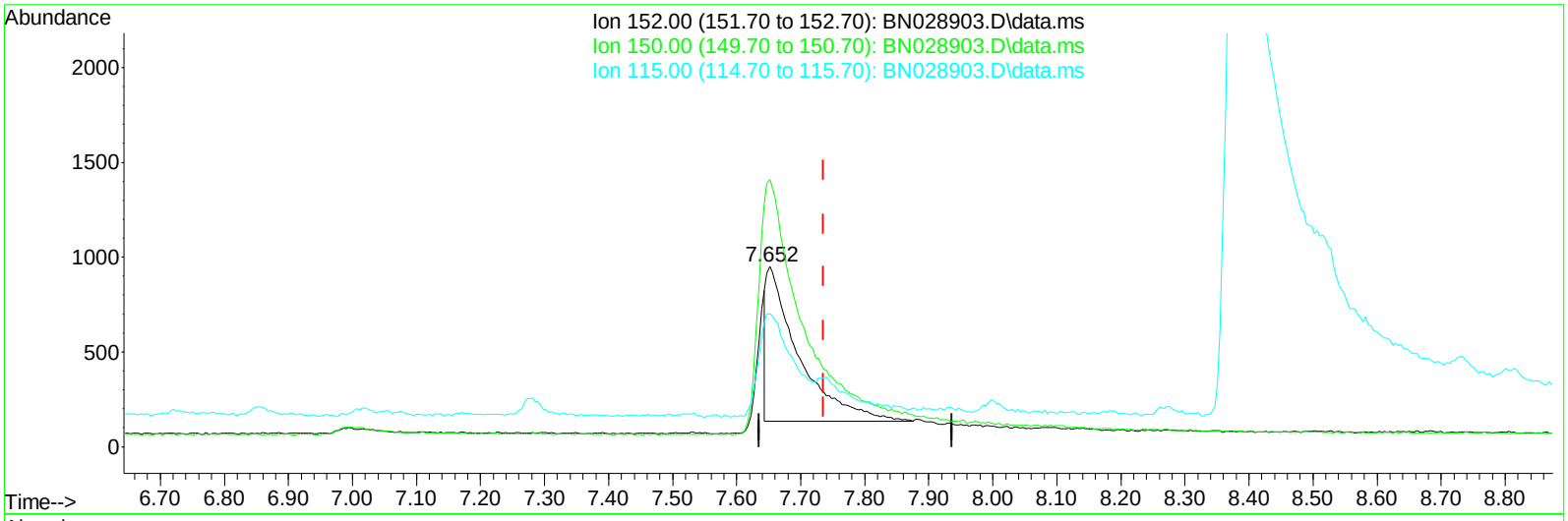
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112823\
Data File : BN028903.D
Acq On : 28 Nov 2023 14:36
Operator : MA/JU
Sample : 05416-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

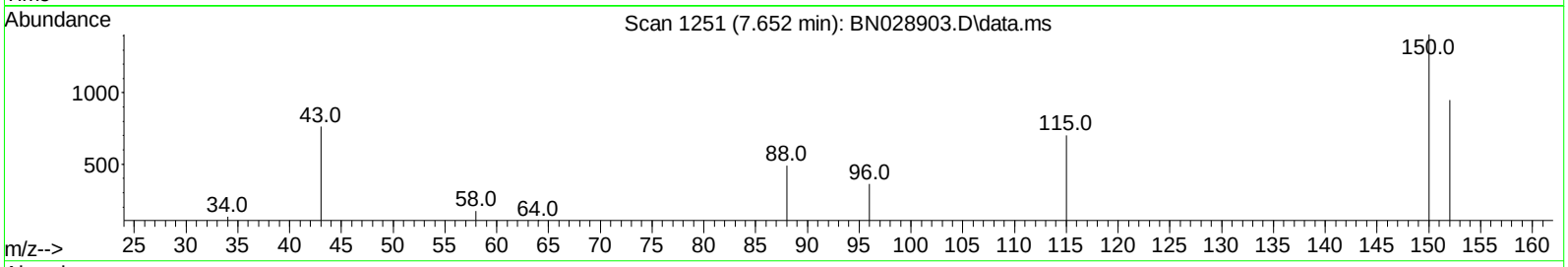
Quant Time: Nov 28 15:05:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 21 23:49:43 2023
Response via : Initial Calibration

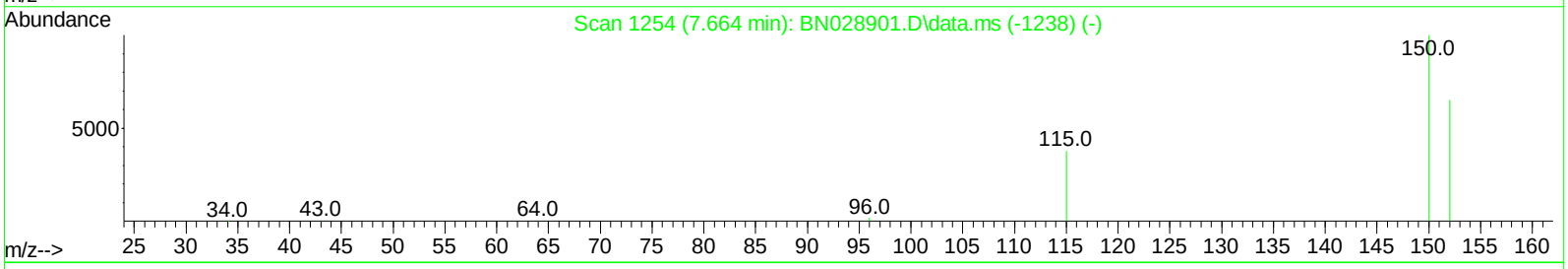
Instrument :
BNA_N
ClientSampleId :
C0AB2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023







TIC: BN028903.D\data.ms

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

7.652min (-0.084) 0.40 ng/ul

response 2844

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.05
115.00	62.20	73.82
0.00	0.00	0.00

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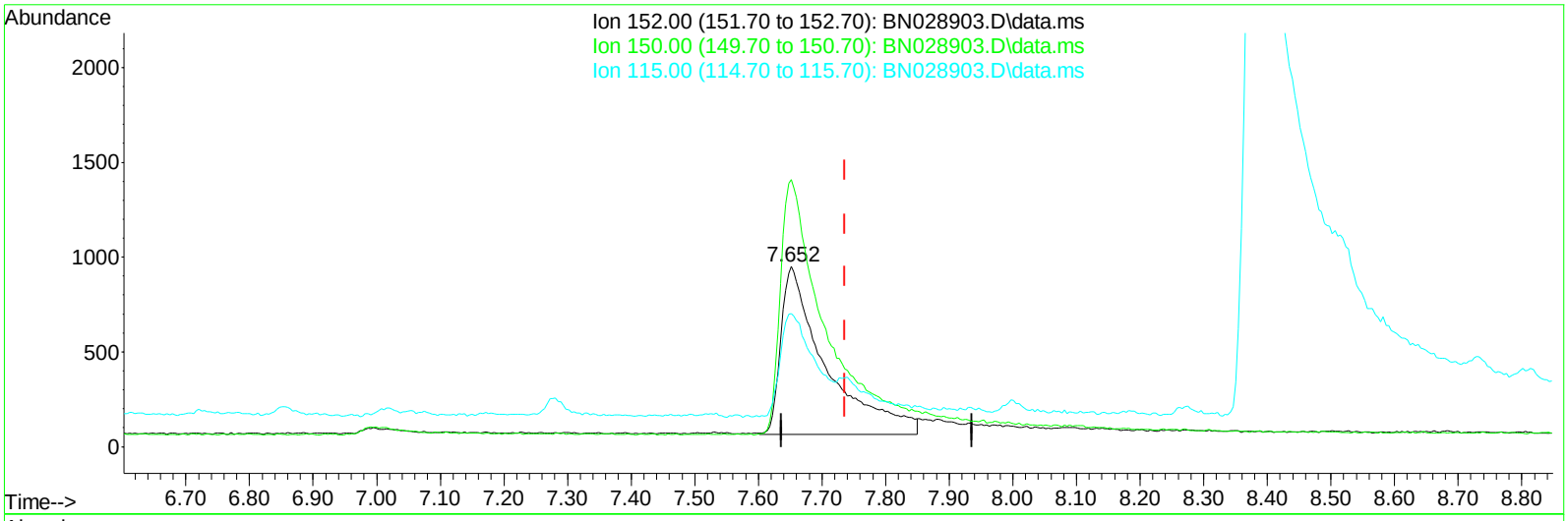

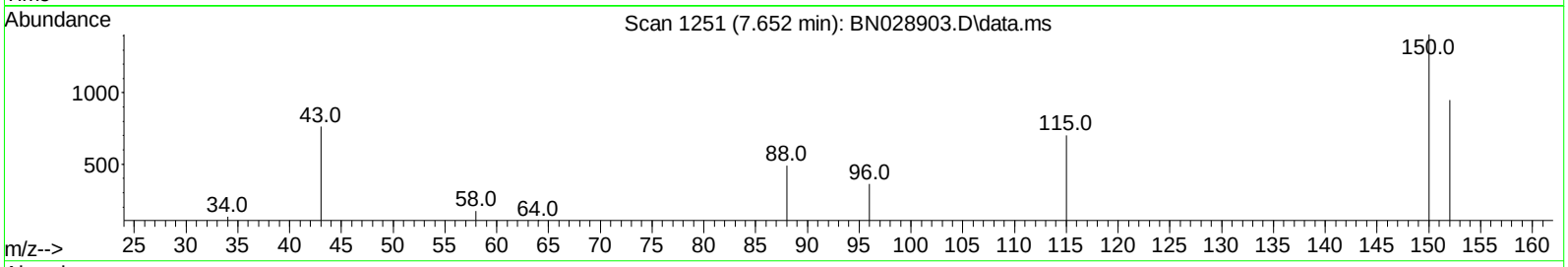

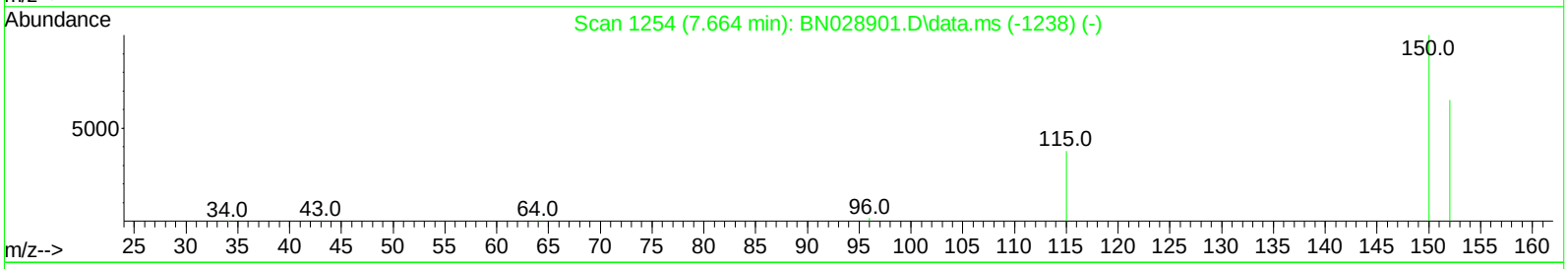

TIC: BN028903.D\data.ms

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

7.652min (-0.084) 0.40 ng/ul m

response 4349

Ion	Exp%	Act%
152.00	100.00	100.00
150.00	155.30	148.05
115.00	62.20	73.82
0.00	0.00	0.00

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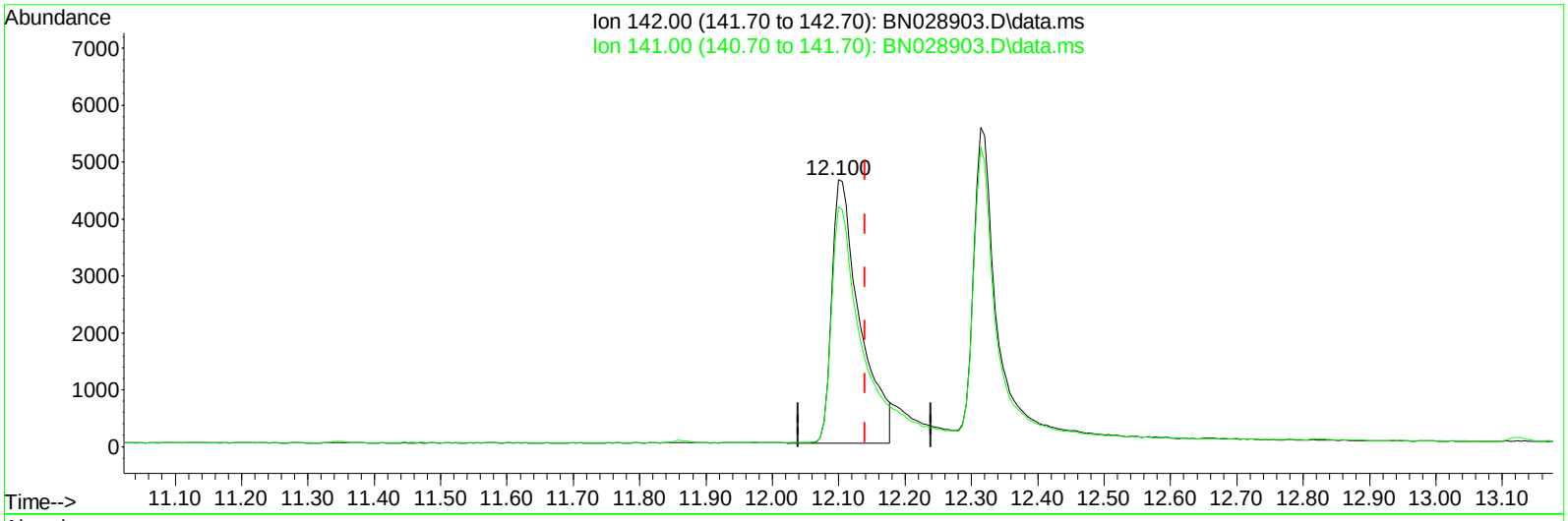

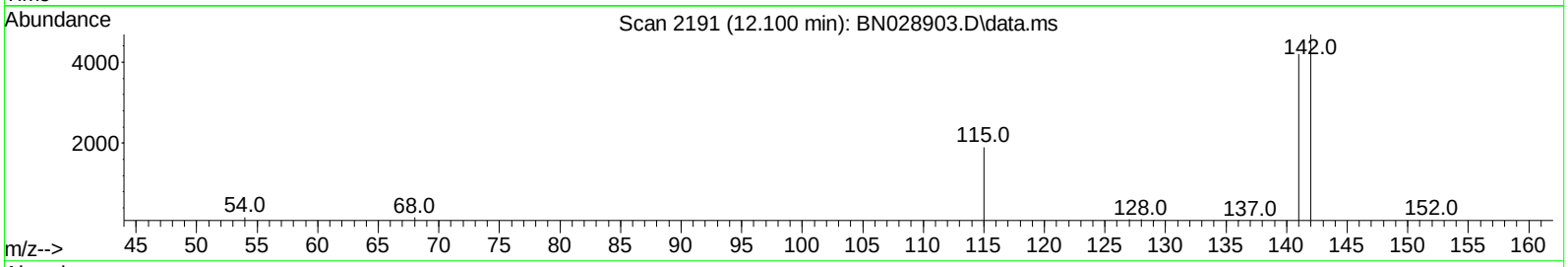

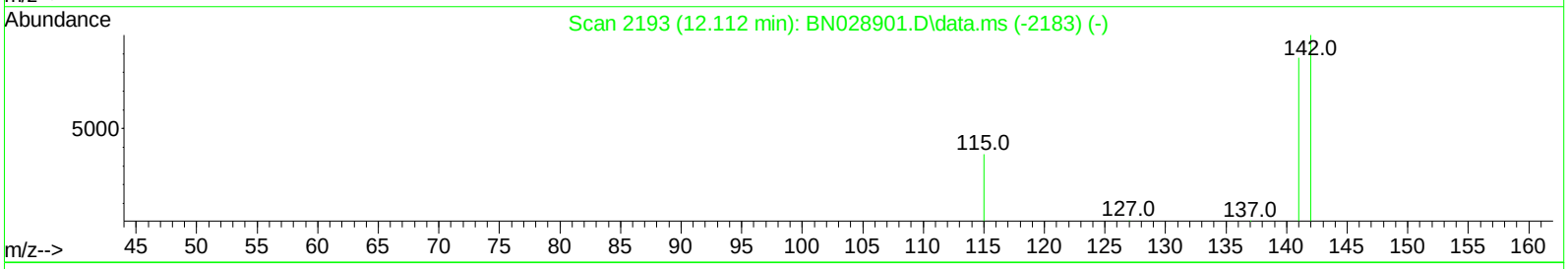

TIC: BN028903.D\data.ms

(7) 2-Methylnaphthalene

12.100min (-0.040) 0.50 ng/ul

response 13505

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	89.20
0.00	0.00	0.00
0.00	0.00	0.00

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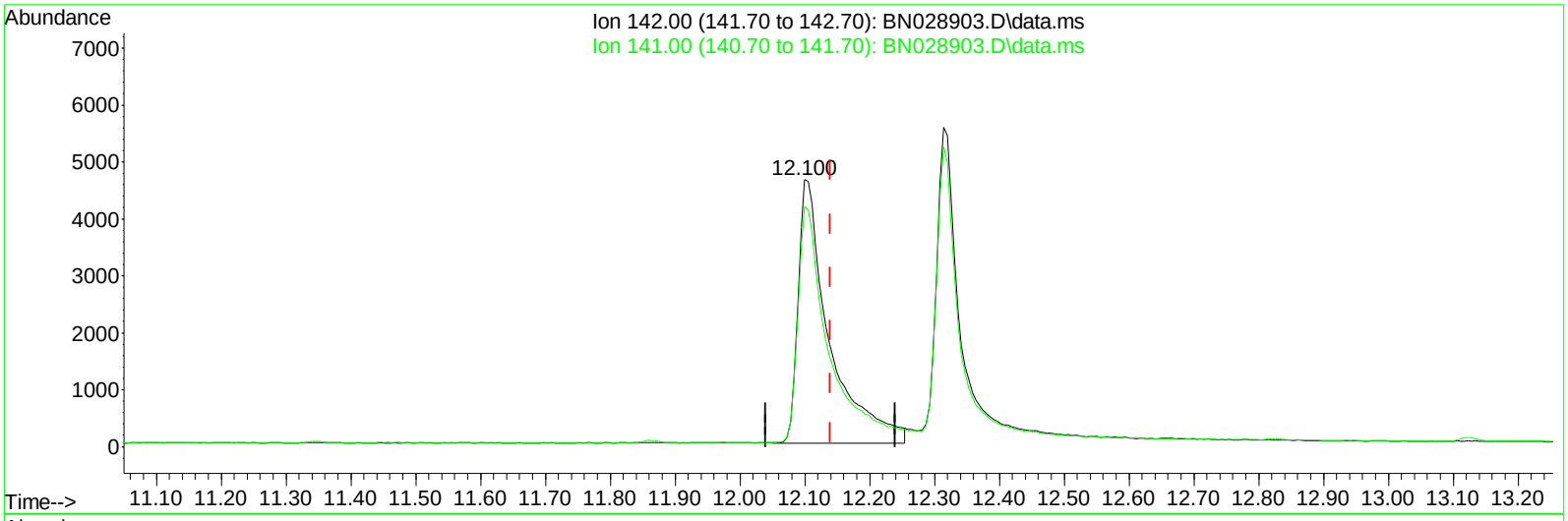

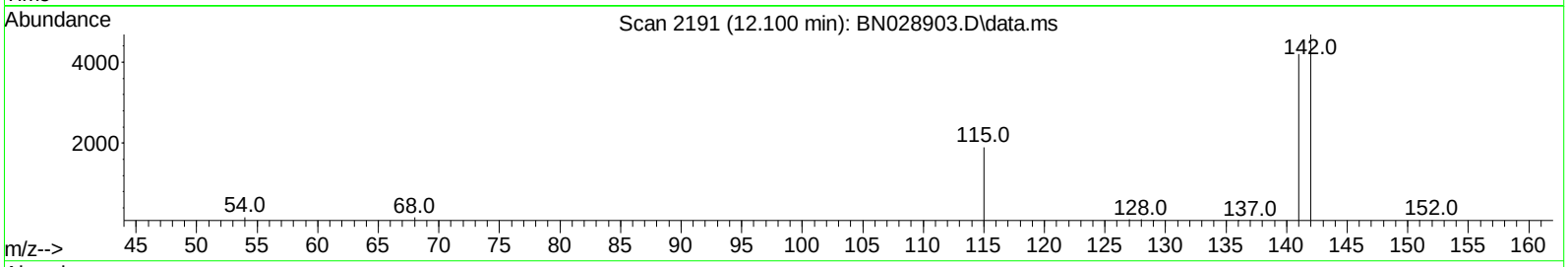

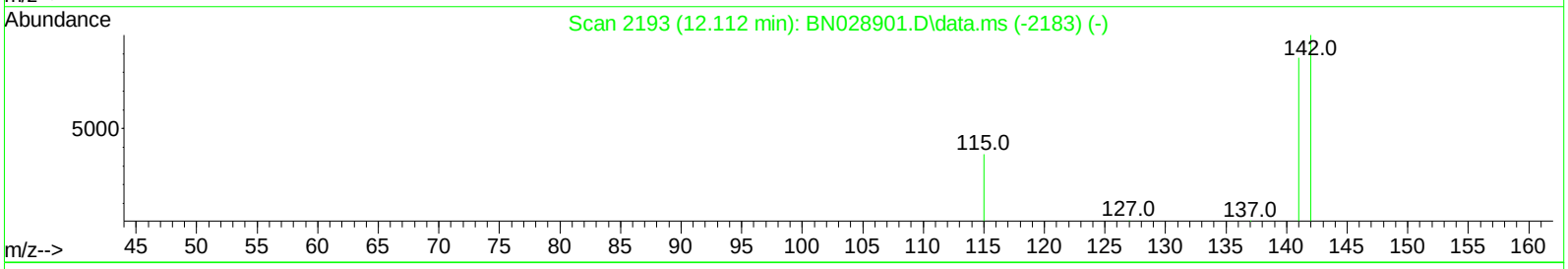

TIC: BN028903.D\data.ms

(7) 2-Methylnaphthalene

12.100min (-0.040) 0.57 ng/ul m

response 15496

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	88.50	77.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Data File : BN028903.D
Acq On : 28 Nov 2023 14:36
Operator : MA/JU
Sample : 05416-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 28 15:05:39 2023
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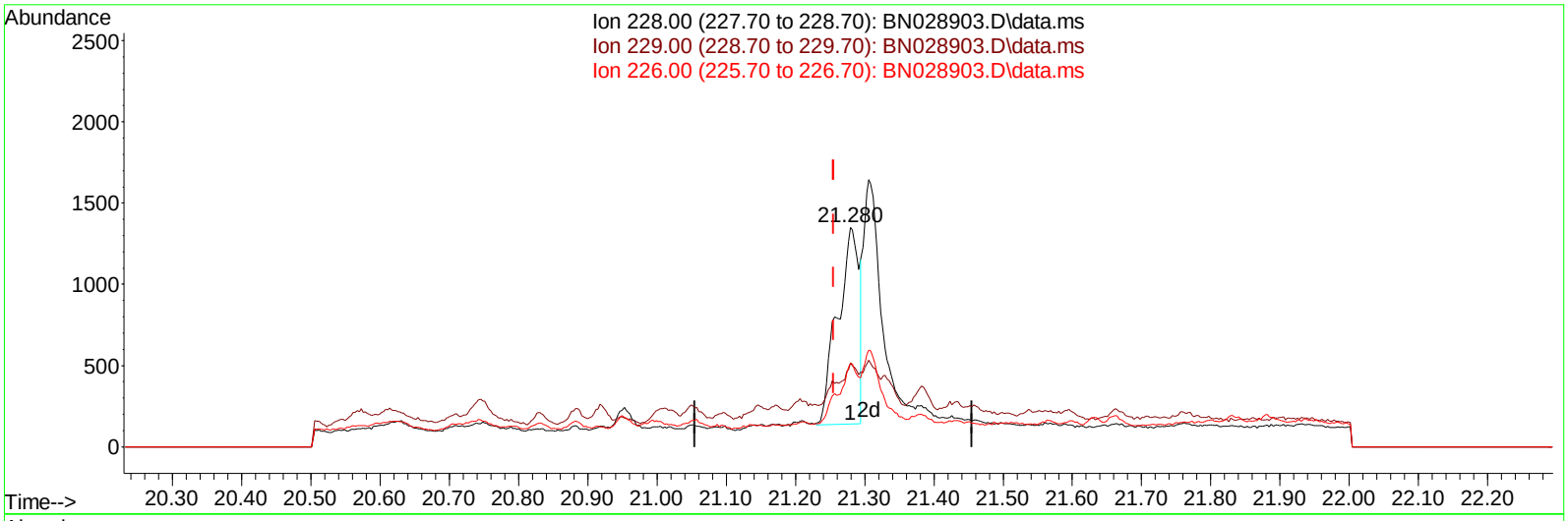

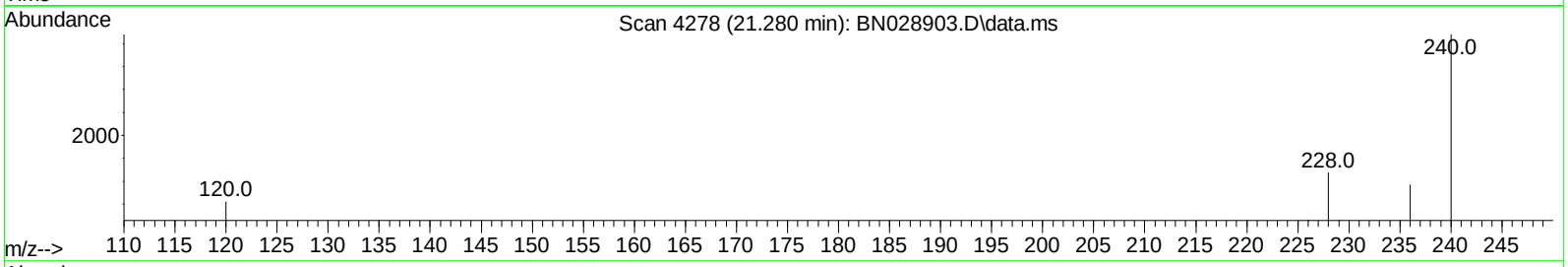

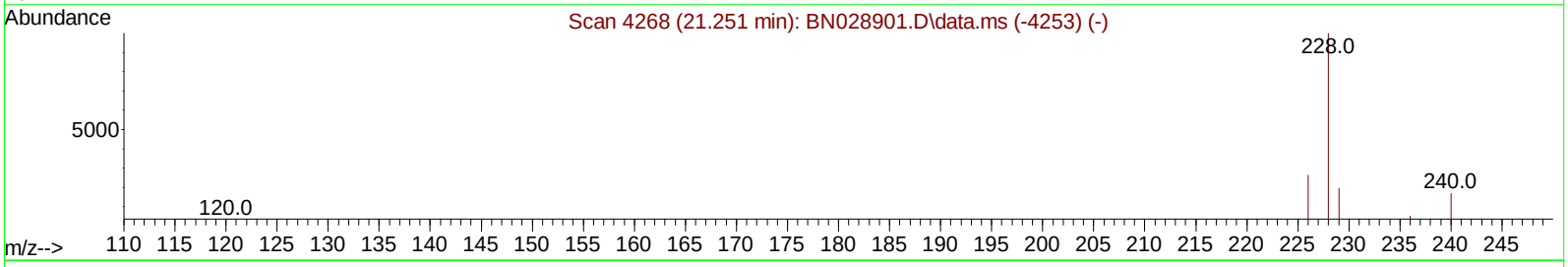

TIC: BN028903.D\data.ms

(21) Benzo(a)anthracene

21.280min (+ 0.024) 0.07 ng/ul

response 2614

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	38.24#
226.00	26.70	38.09#
0.00	0.00	0.00

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Misc :
ALS Vial : 4 Sample Multiplier: 1

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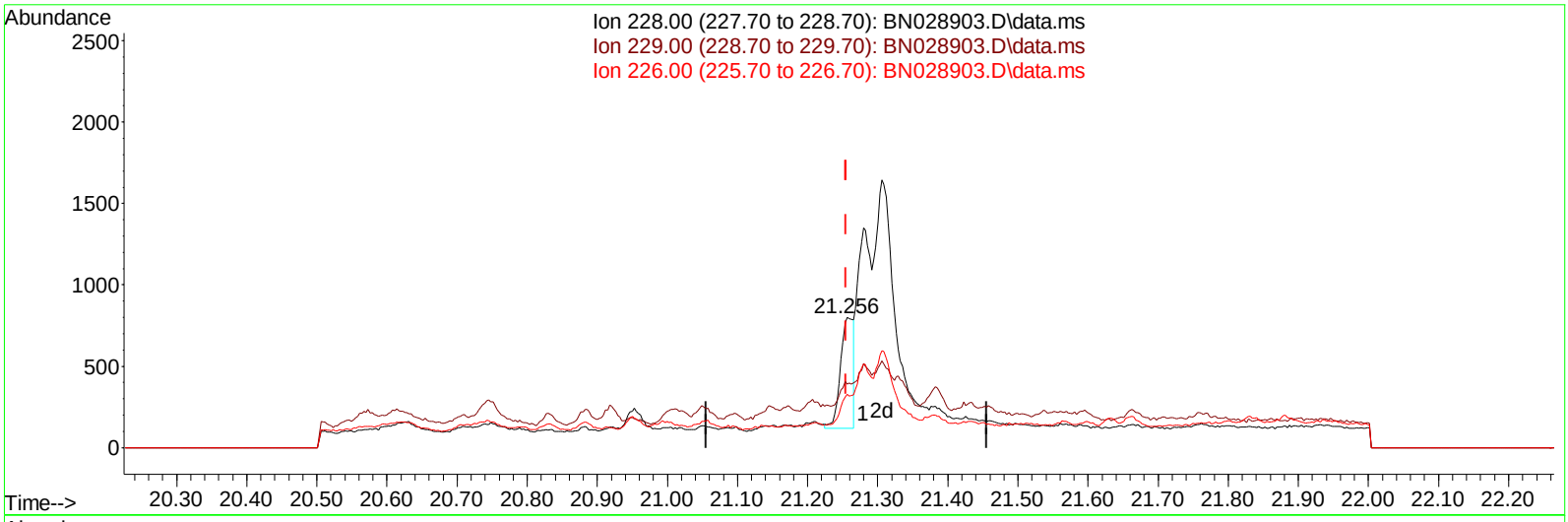

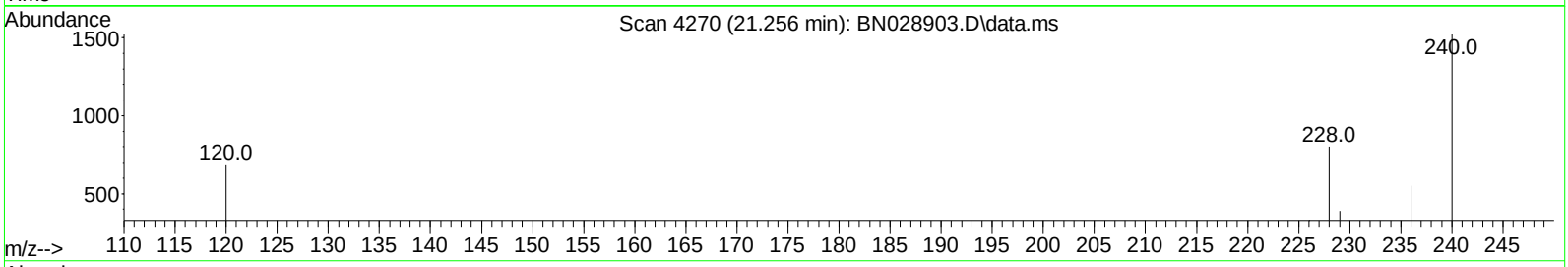

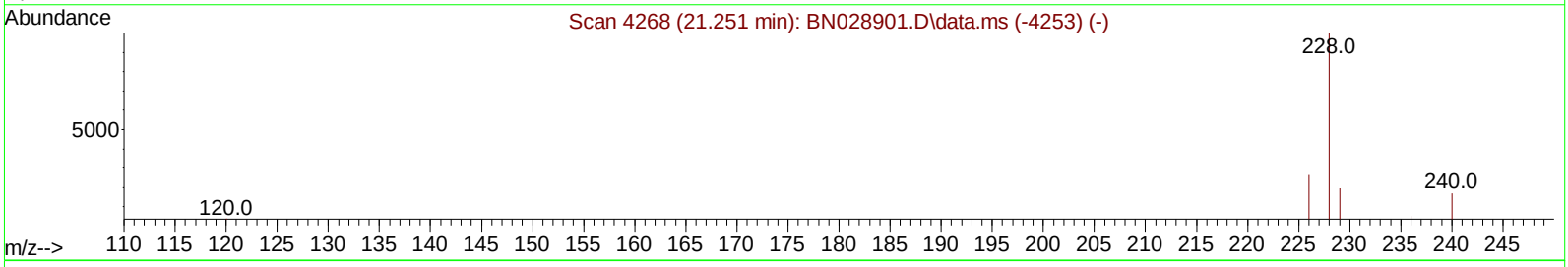

TIC: BN028903.D\data.ms

(21) Benzo(a)anthracene

21.256min (+ 0.001) 0.02 ng/ul m

response 868

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.60	48.75#
226.00	26.70	41.13#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 28 Nov 2023 14:36
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Sample : 05416-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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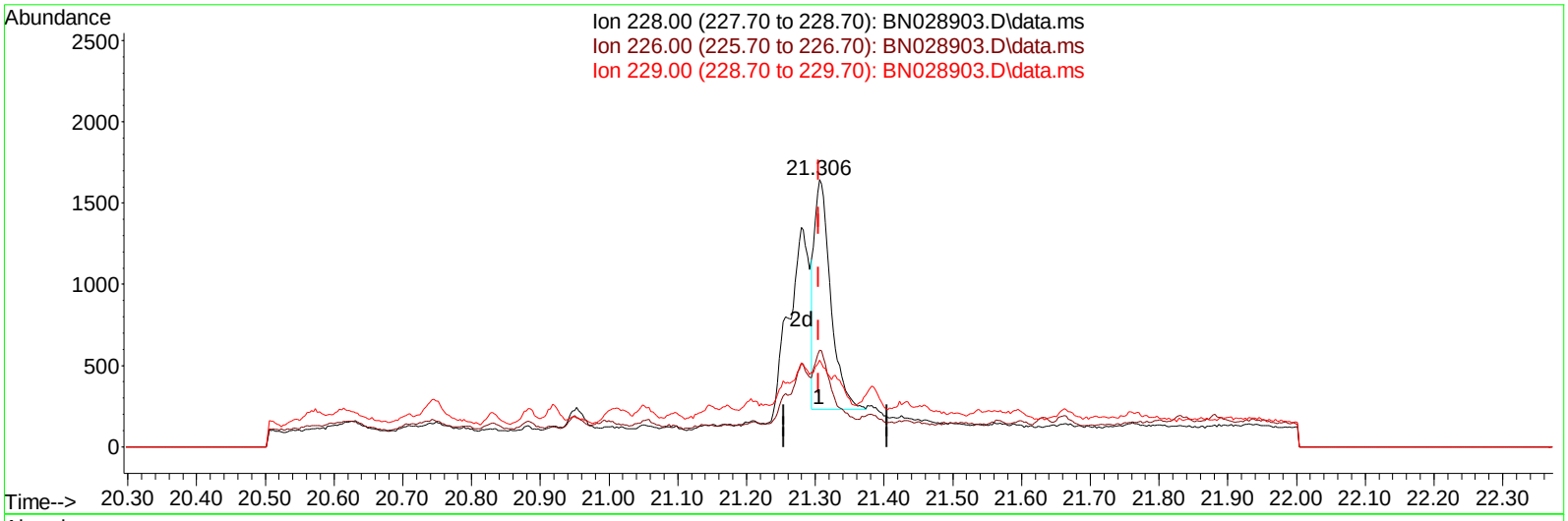

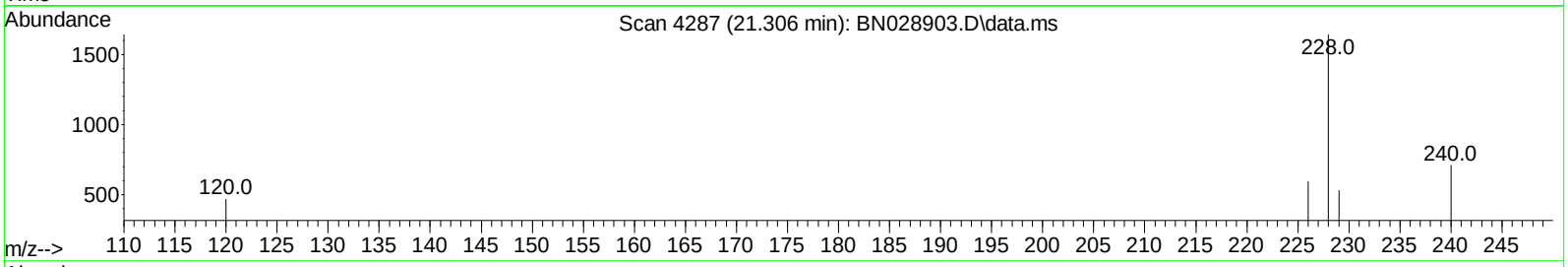

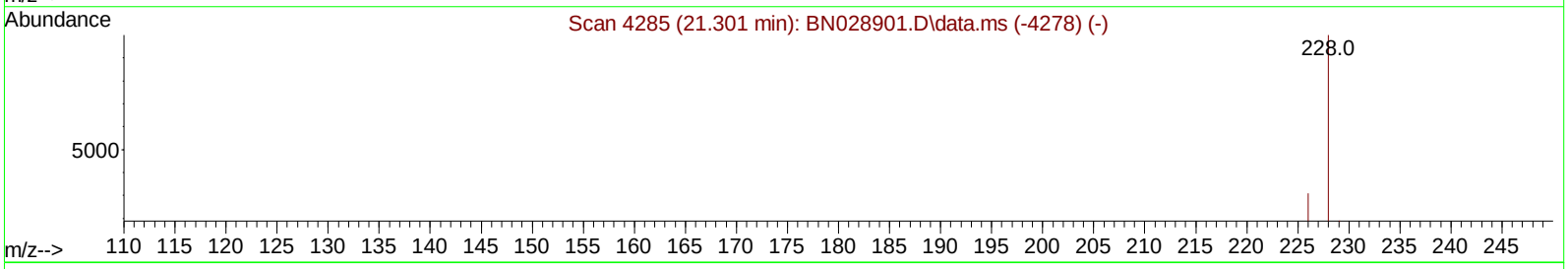

TIC: BN028903.D\data.ms

(22) Chrysene

21.306min (+ 0.001) 0.06 ng/ul

response 2342

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	36.21#
229.00	19.30	32.38#
0.00	0.00	0.00

Quantitation Report (Qedit)

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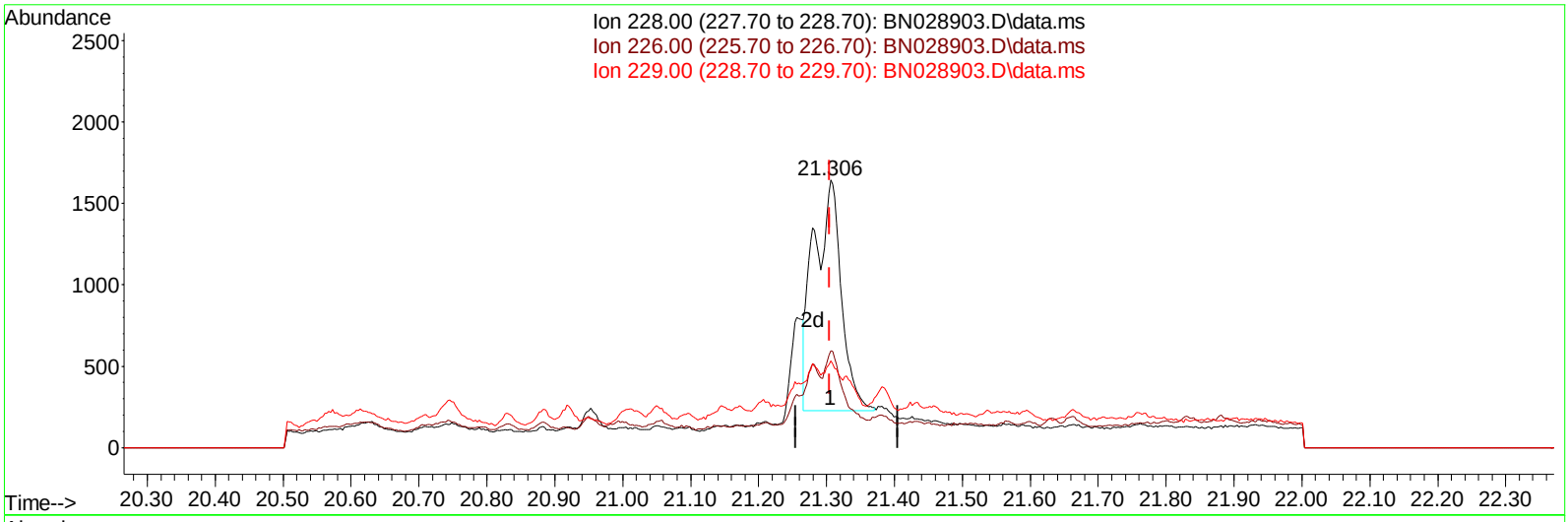

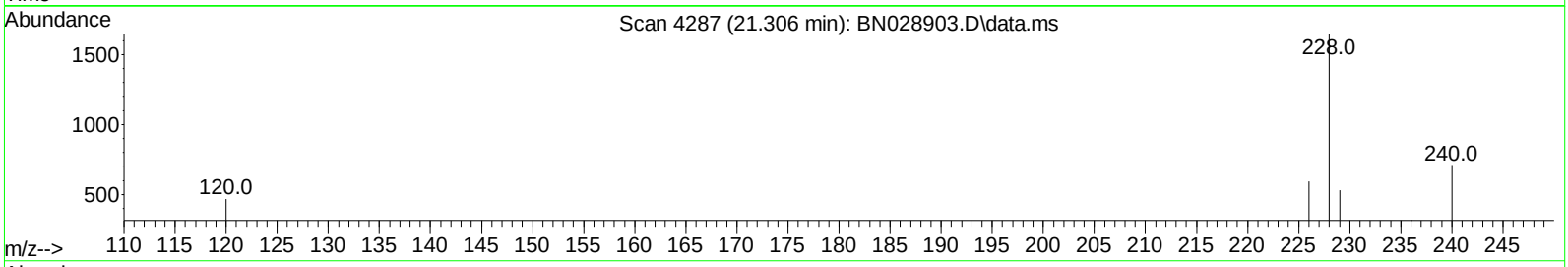

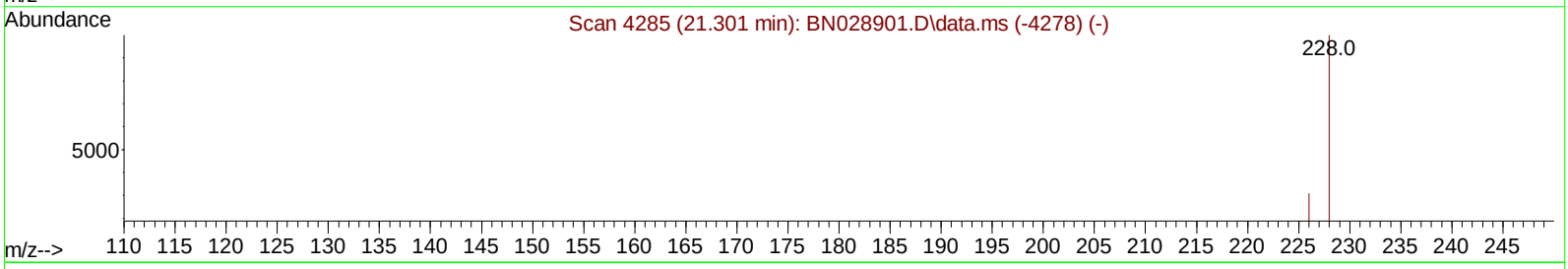

TIC: BN028903.D\data.ms

(22) Chrysene

21.306min (+ 0.001) 0.11 ng/ul m

response 4004

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.80	36.21#
229.00	19.30	32.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	4349m	0.400	ng/ul	-0.08
4) Naphthalene-d8	10.428	136	14660	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.287	164	8092	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.047	188	14355	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.271	240	9457	0.400	ng/ul	# 0.00
23) Perylene-d12	23.539	264	8868	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.095	96	3507	0.730	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.039	152	548	0.025	ng/ul	-0.03
18) Fluoranthene-d10	19.088	212	1255	0.041	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.472	128	15041	0.366	ng/ul	97
7) 2-Methylnaphthalene	12.100	142	15496m	0.573	ng/ul	
8) 1-Methylnaphthalene	12.314	142	11385	0.414	ng/ul	99
15) Phenanthrene	17.085	178	31486	0.714	ng/ul	99
19) Fluoranthene	19.121	202	3808	0.095	ng/ul#	87
20) Pyrene	19.479	202	4338	0.104	ng/ul#	83
21) Benzo(a)anthracene	21.256	228	868m	0.023	ng/ul	
22) Chrysene	21.306	228	4004m	0.110	ng/ul	
29) Benzo(g,h,i)perylene	26.604	276	732	0.026	ng/ul#	7

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

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