

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035652.D
Acq On : 17 Dec 2024 13:36
Operator : RC/JU
Sample : P5153-20DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

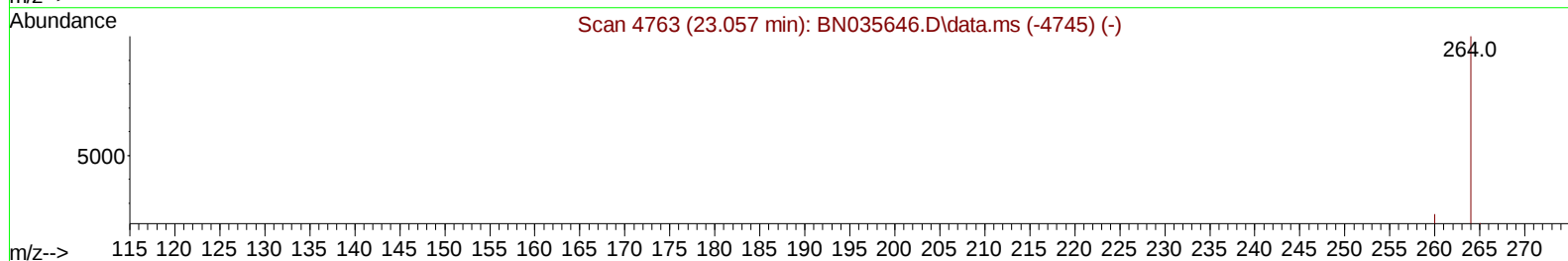
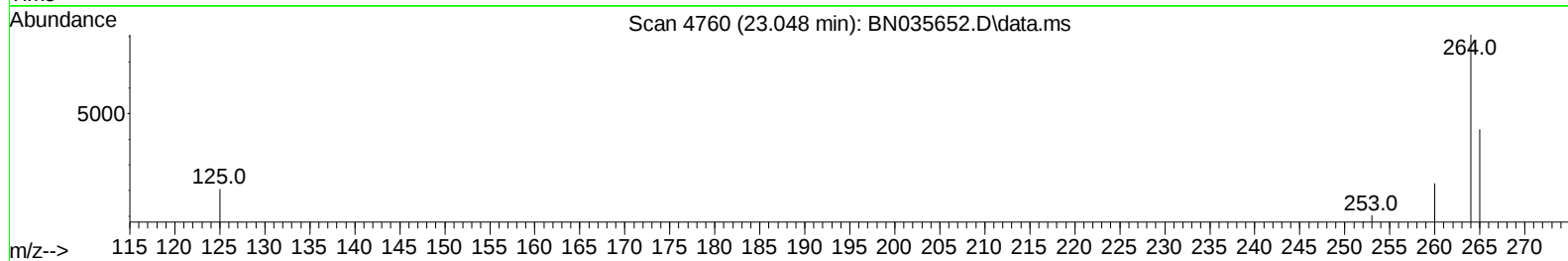
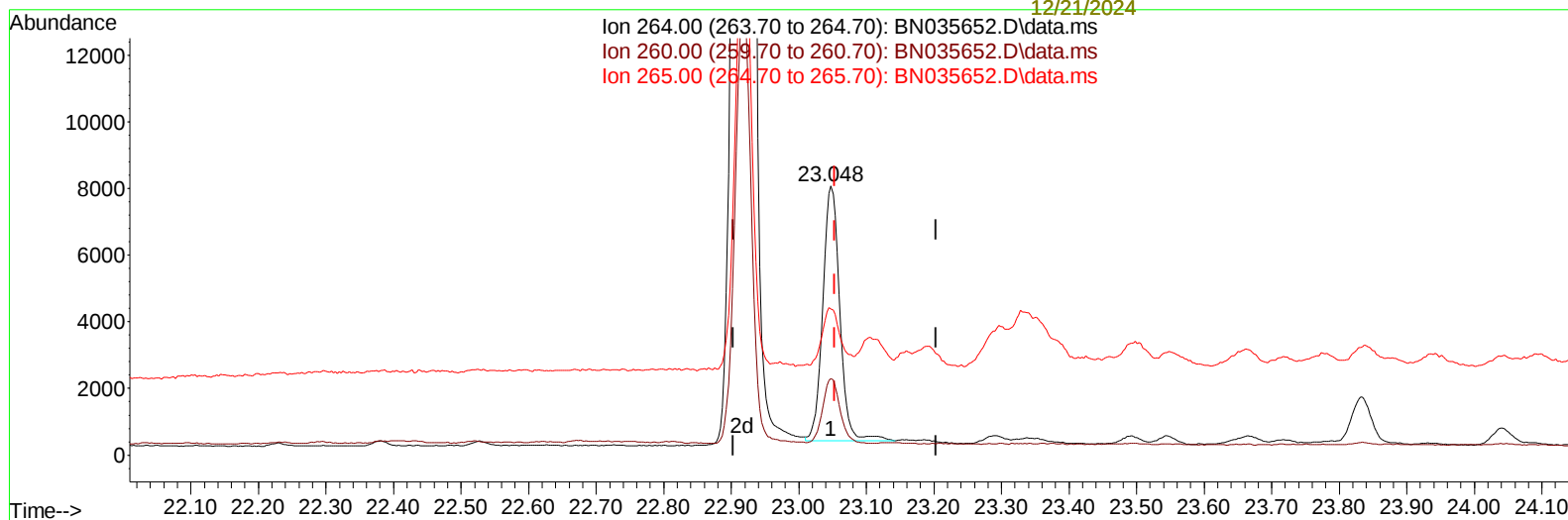
Instrument :
BNA_N
ClientSampleId :
E28R3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 14:09:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024

Supervised By :mohammad
ahmed
12/21/2024



TIC: BN035652.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/u1

response 13323

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	28.41
265.00	62.10	54.46
0.00	0.00	0.00

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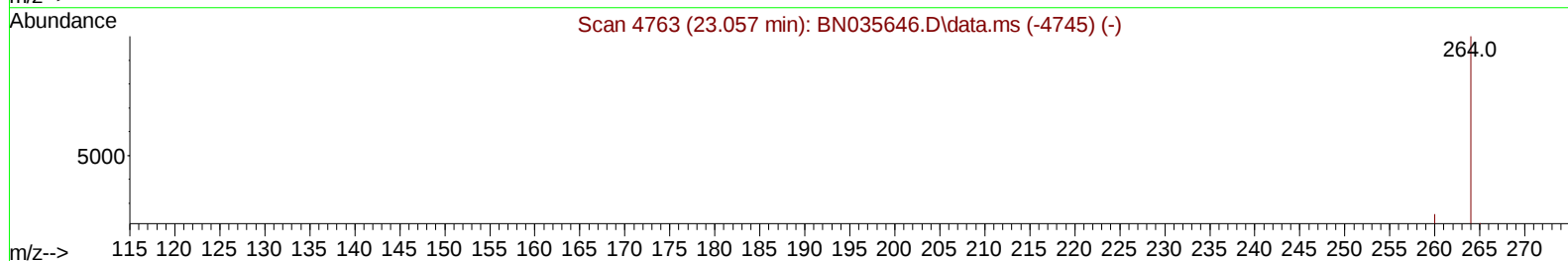
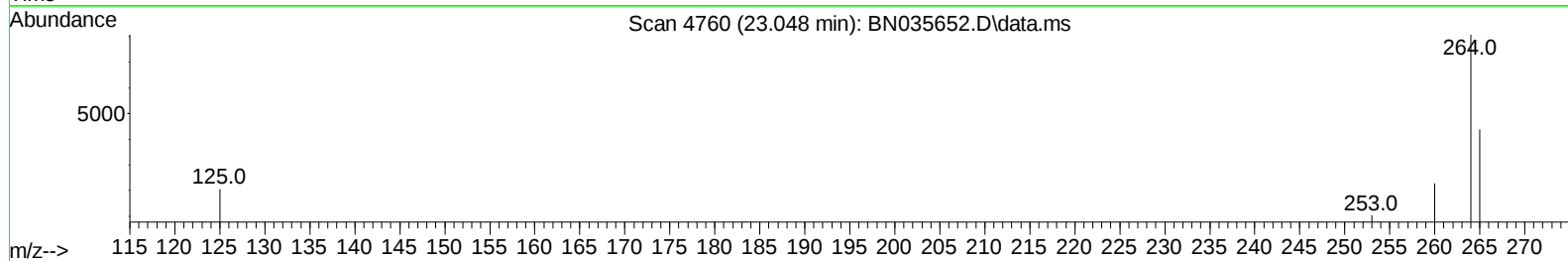
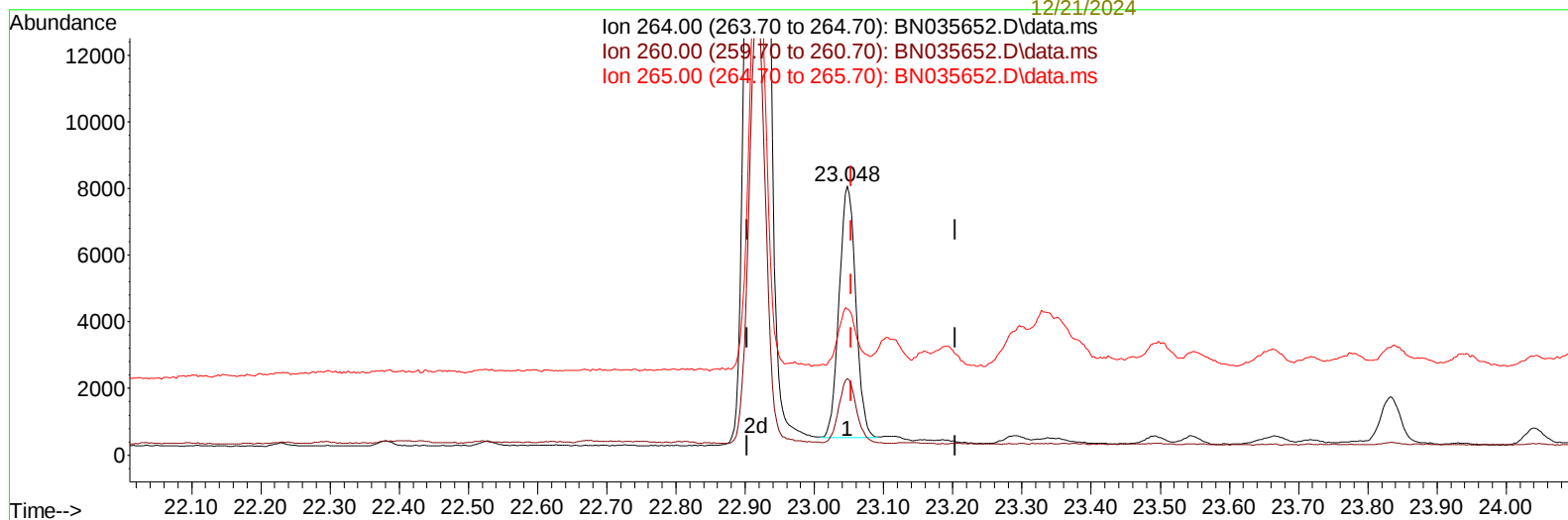
Instrument :
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ClientSampleId :
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12/21/2024



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(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/ul m

response 12598

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	28.41
265.00	62.10	54.46
0.00	0.00	0.00

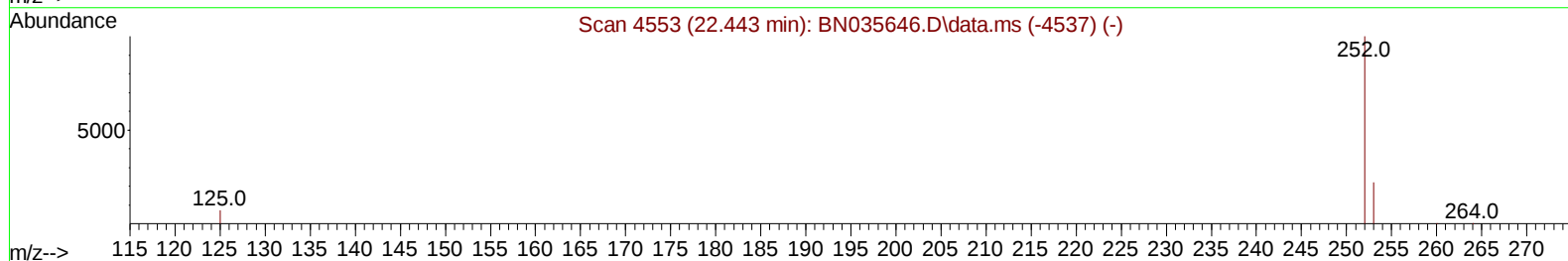
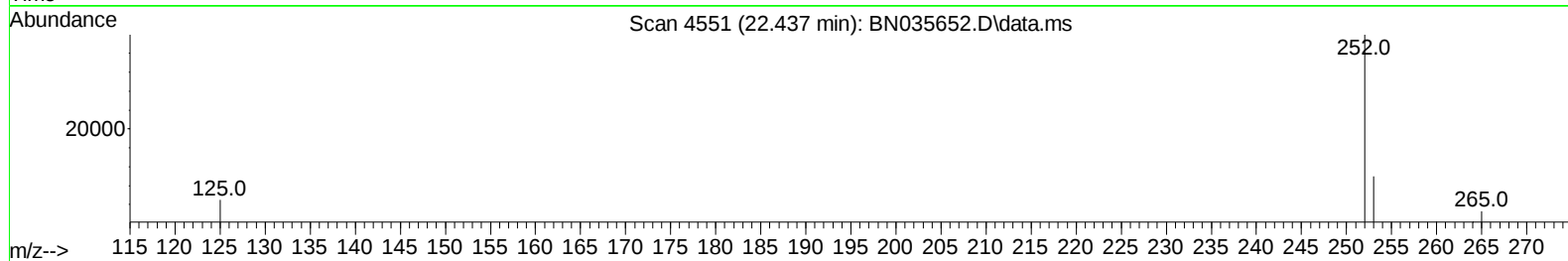
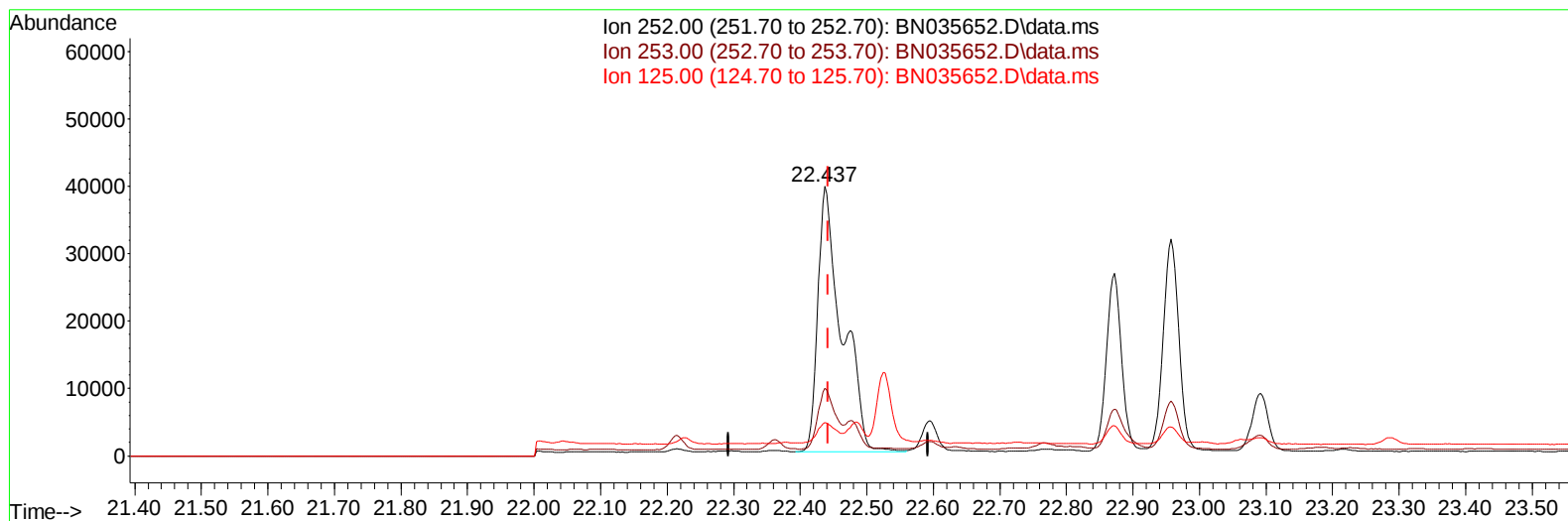
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Instrument :
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(24) Benzo(b)fluoranthene

22.437min (-0.006) 2.66 ng/u1

response 98762

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.12
125.00	18.80	12.35
0.00	0.00	0.00

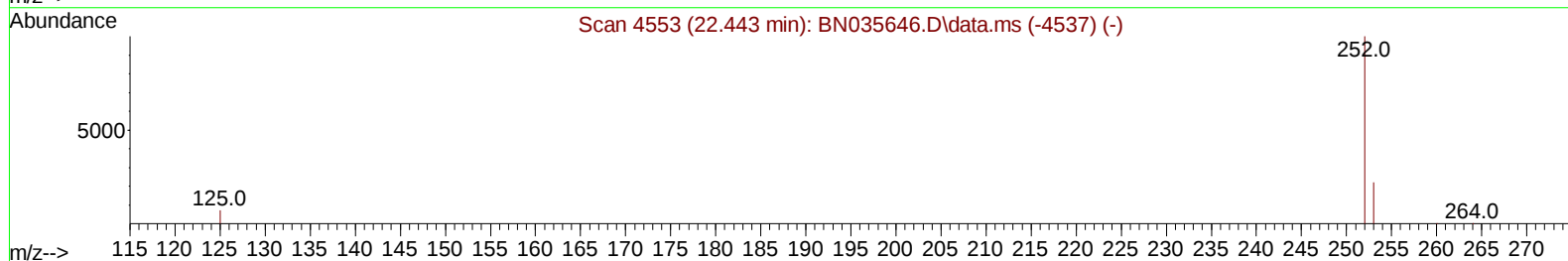
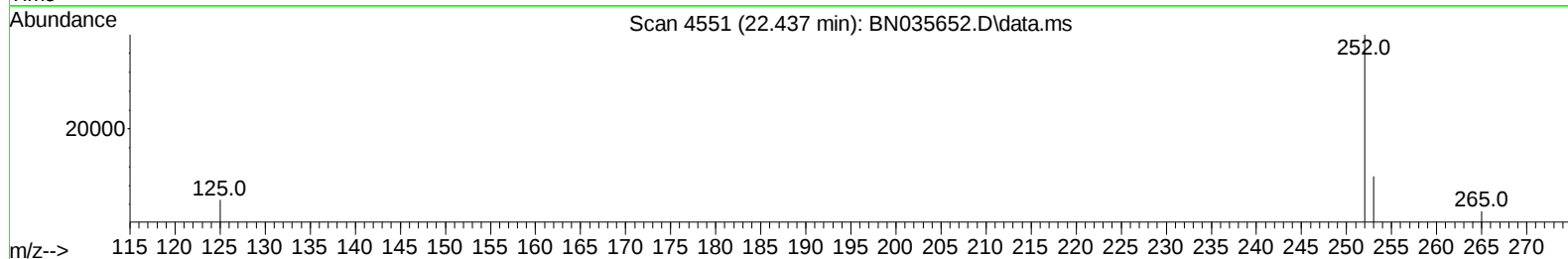
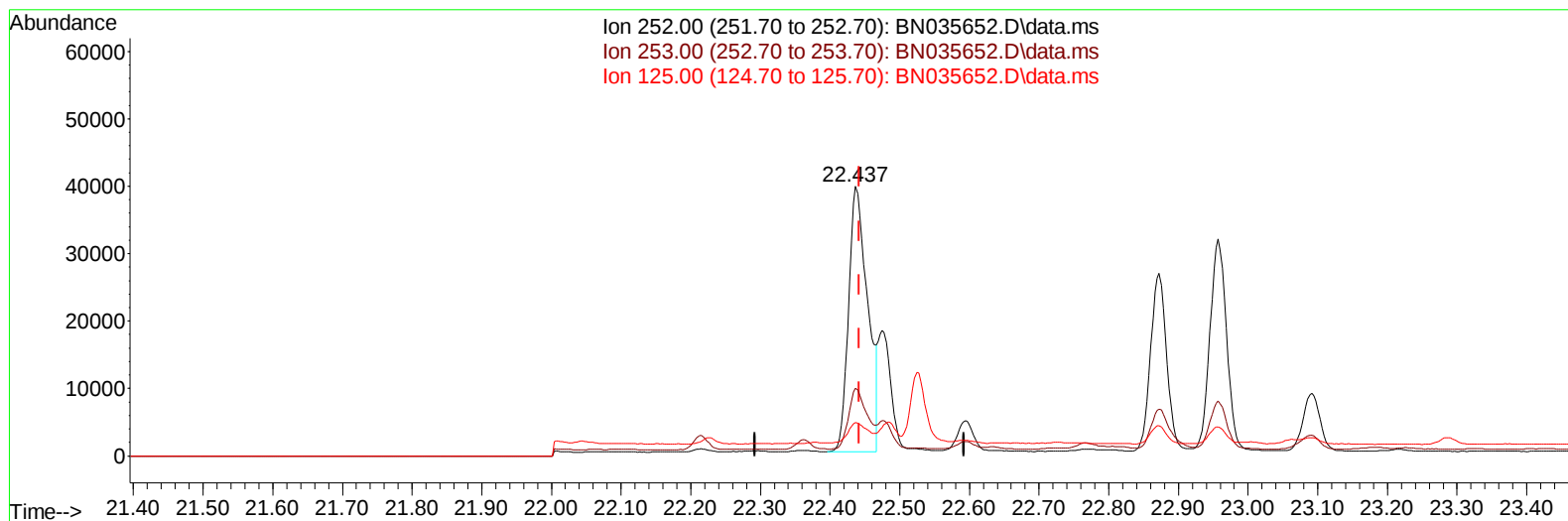
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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R3DL

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TIC: BN035652.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 2.01 ng/u1 m

response 74490

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.12
125.00	18.80	12.35
0.00	0.00	0.00

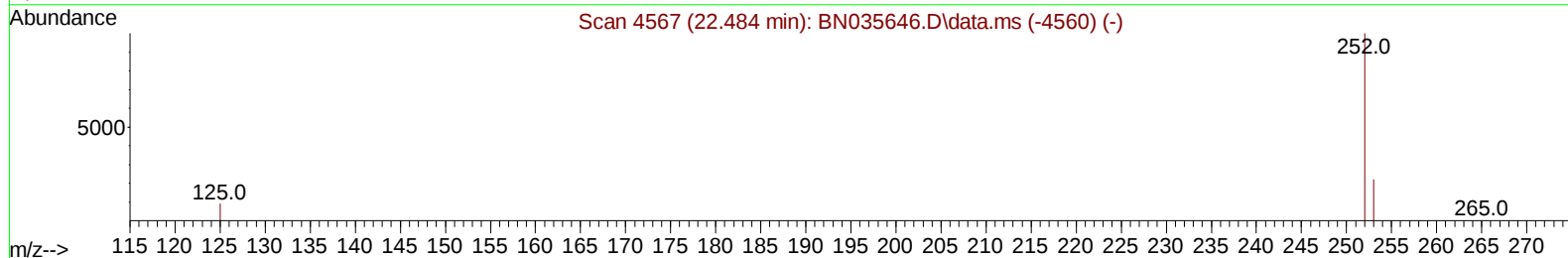
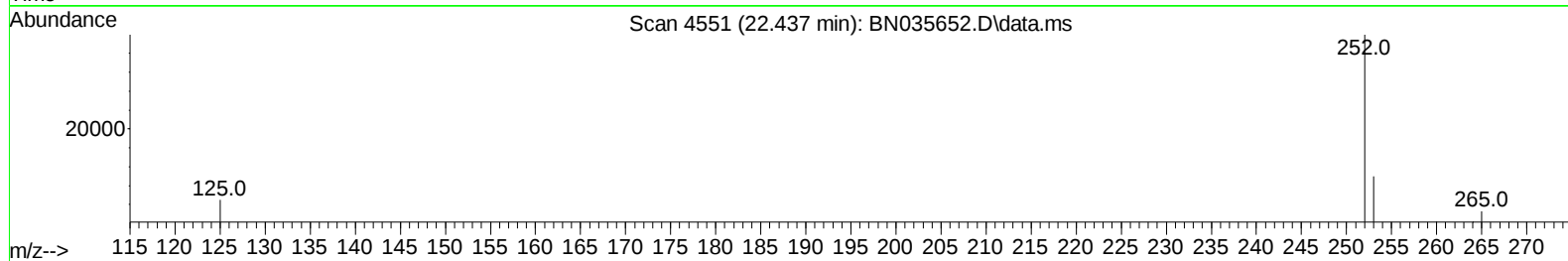
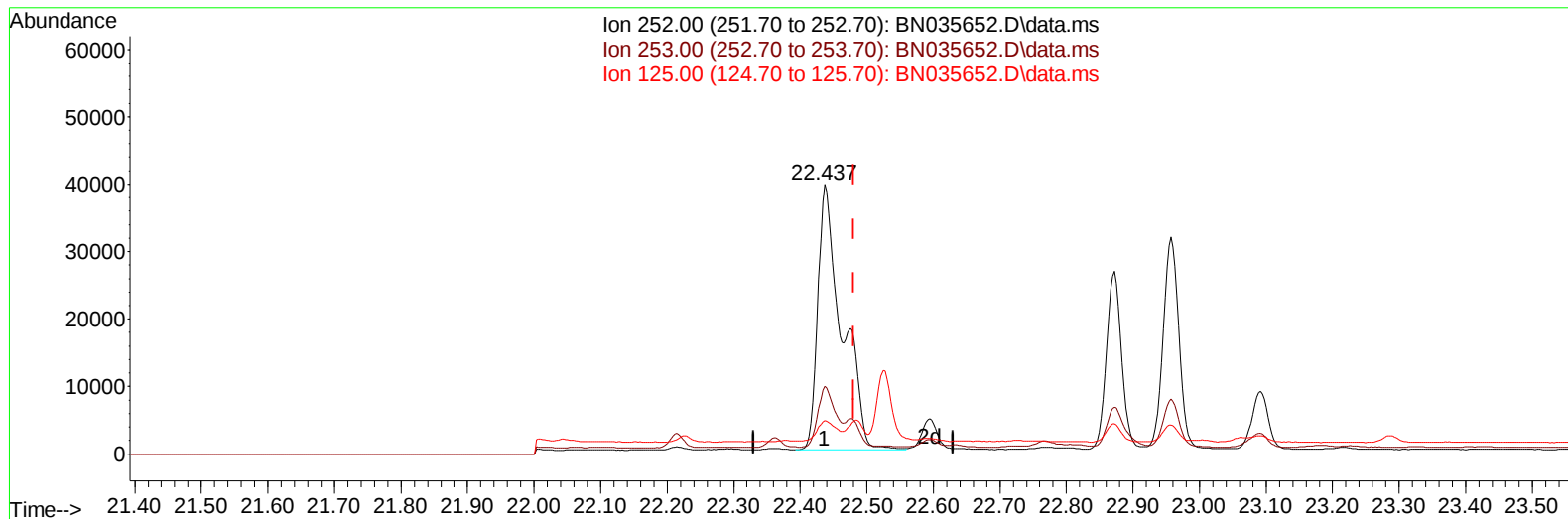
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Operator : RC/JU
Sample : P5153-20DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035652.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 2.41 ng/u1

response 98762

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	25.12
125.00	19.10	12.35#
0.00	0.00	0.00

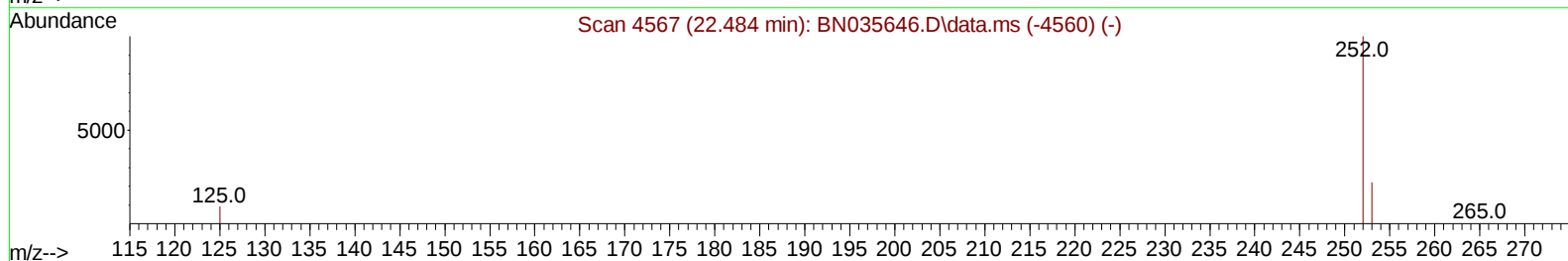
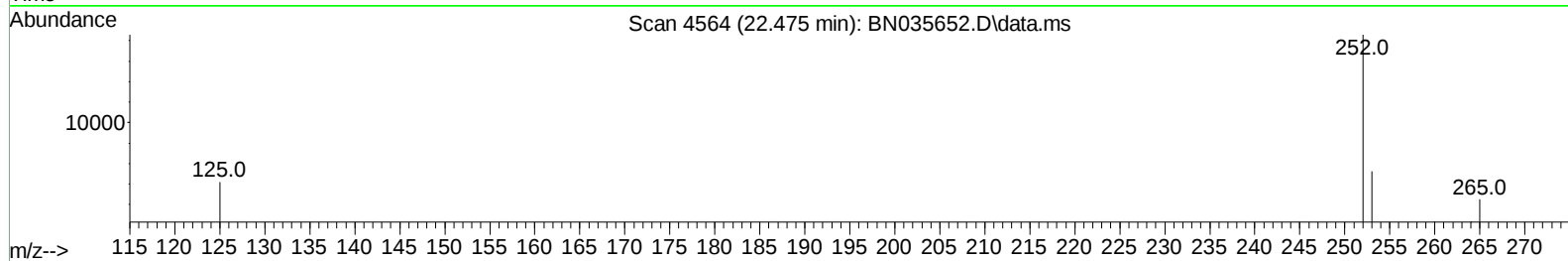
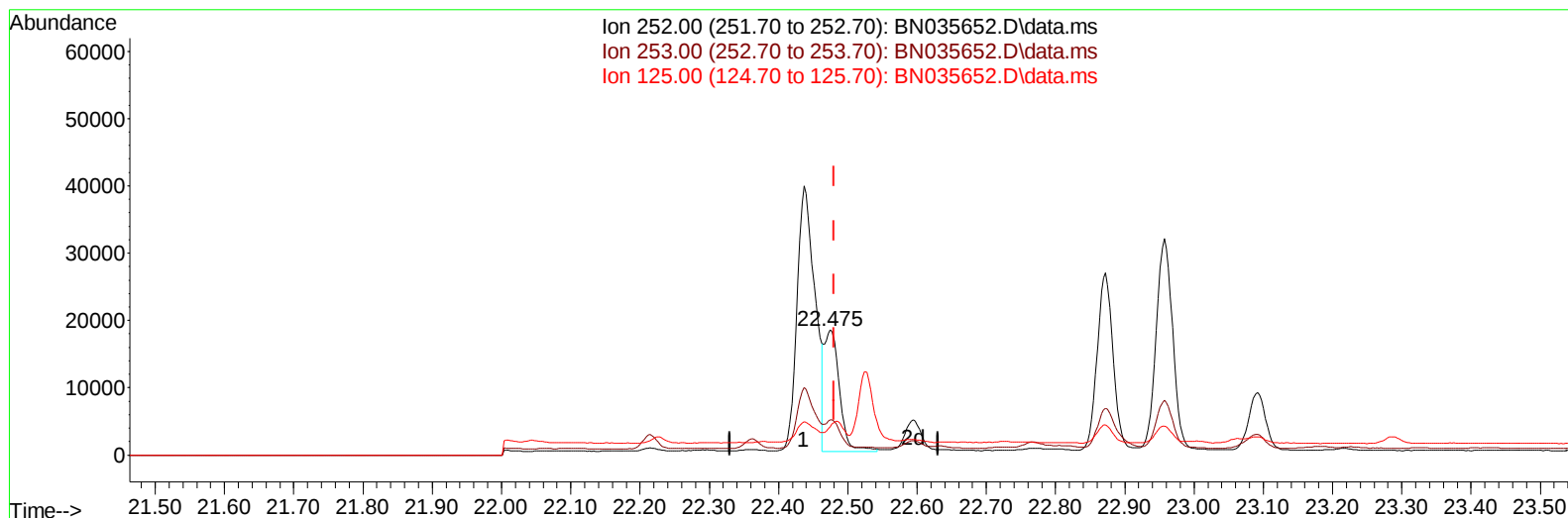
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Operator : RC/JU
Sample : P5153-20DL 5X
Misc :
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Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035652.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.66 ng/u1 m

response 27135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	28.12
125.00	19.10	22.70
0.00	0.00	0.00

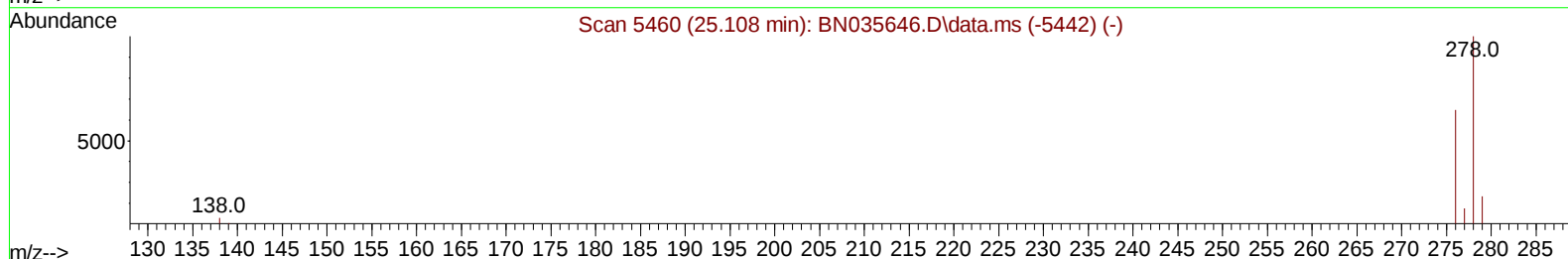
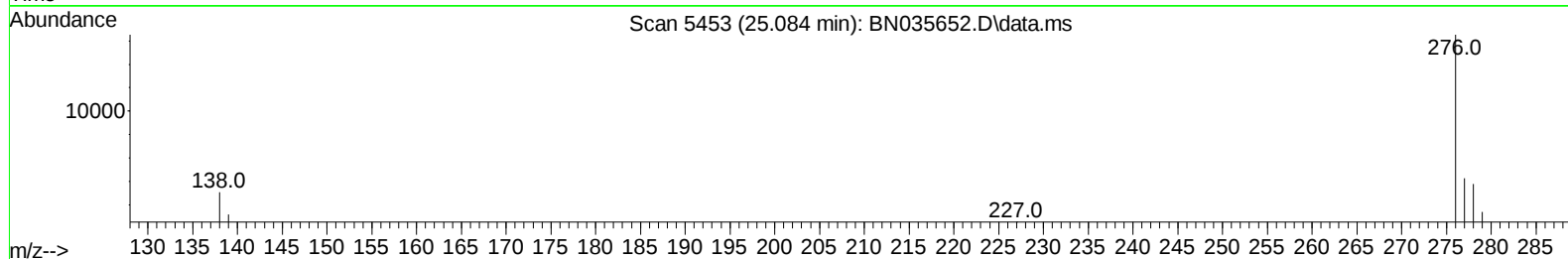
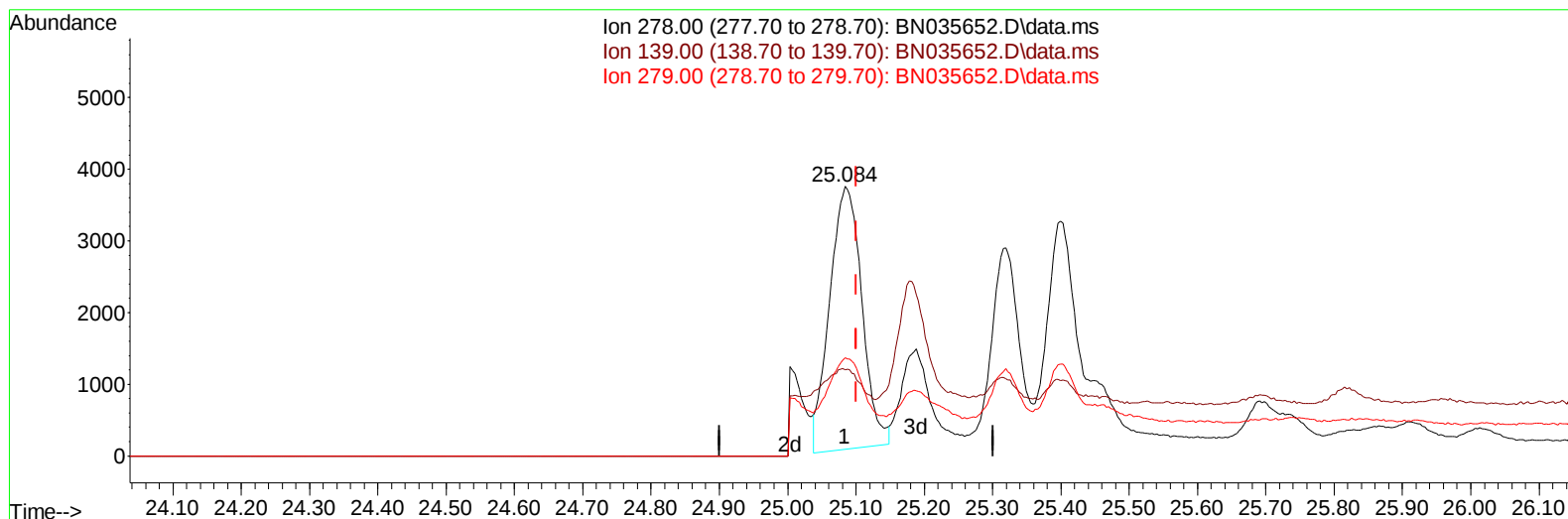
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TIC: BN035652.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.36 ng/u1

response 12012

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	32.00#
279.00	30.00	36.50#
0.00	0.00	0.00

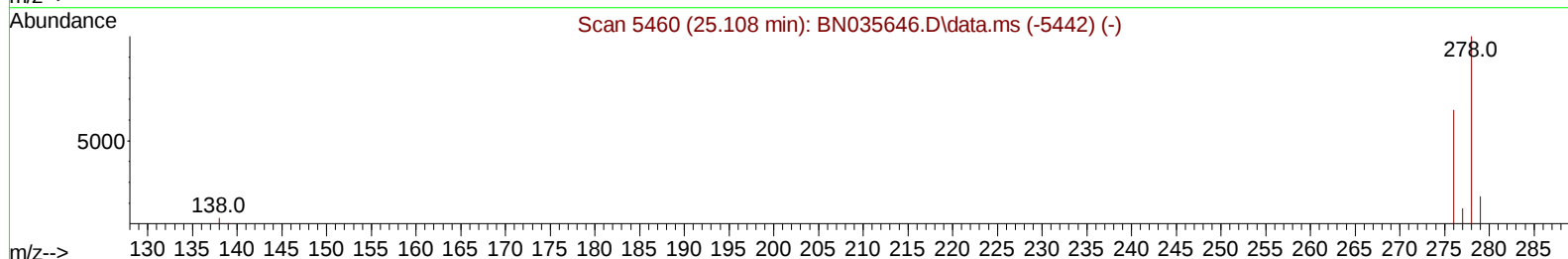
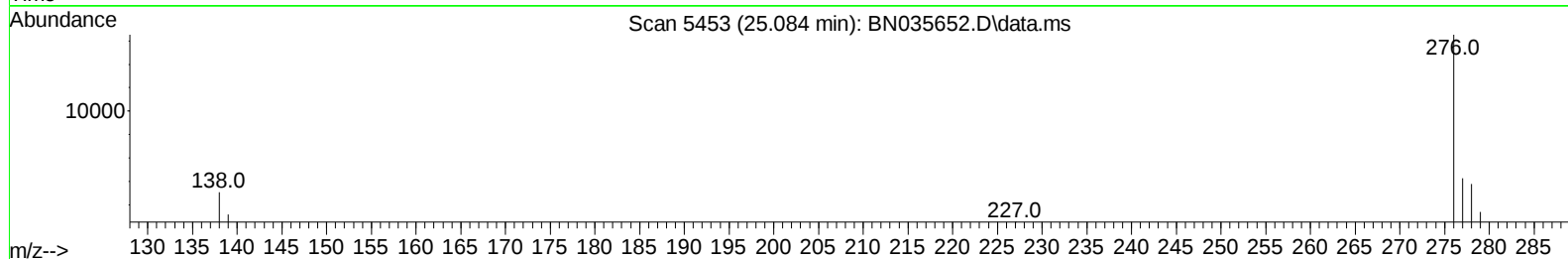
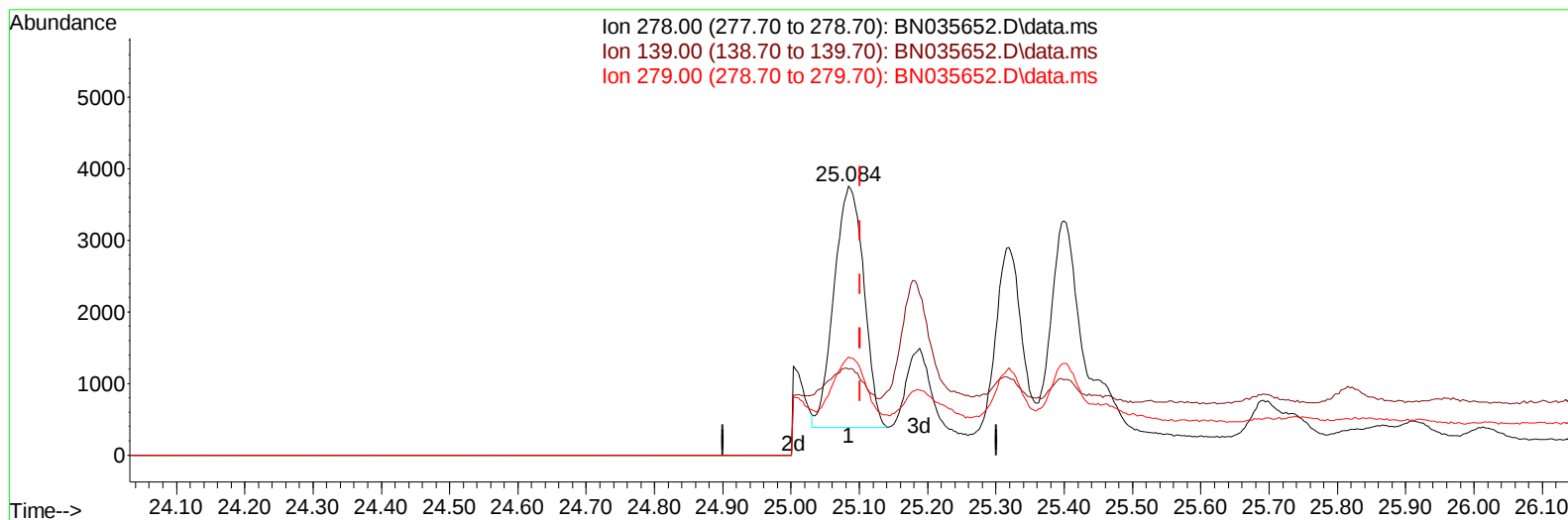
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Data File : BN035652.D
Acq On : 17 Dec 2024 13:36
Operator : RC/JU
Sample : P5153-20DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 14:09:31 2024
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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035652.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.31 ng/ul m

response 10227

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	32.00#
279.00	30.00	36.50#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8613	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6053	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13381	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	11520	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	12598m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1799	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	533	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	1506	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	11815	0.559	ng/ul	98
7) 2-Methylnaphthalene	11.708	142	5318	0.374	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1960	0.133	ng/ul	99
10) Acenaphthylene	13.657	152	1919	0.082	ng/ul#	87
11) Acenaphthene	14.004	153	628	0.035	ng/ul#	89
12) Fluorene	15.013	166	1031	0.050	ng/ul#	88
15) Phenanthrene	16.755	178	24229	0.723	ng/ul	99
16) Anthracene	16.848	178	5705	0.182	ng/ul#	95
19) Fluoranthene	18.795	202	38301	0.930	ng/ul	100
20) Pyrene	19.162	202	41011	0.904	ng/ul	99
21) Benzo(a)anthracene	20.944	228	31013	0.812	ng/ul	97
22) Chrysene	20.996	228	41898	1.057	ng/ul	97
24) Benzo(b)fluoranthene	22.437	252	74490m	2.006	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	27135m	0.661	ng/ul	
26) Benzo(a)pyrene	22.957	252	52266	1.454	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.077	276	49530	1.132	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.084	278	10227m	0.306	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	53269	1.516	ng/ul#	92

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

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