

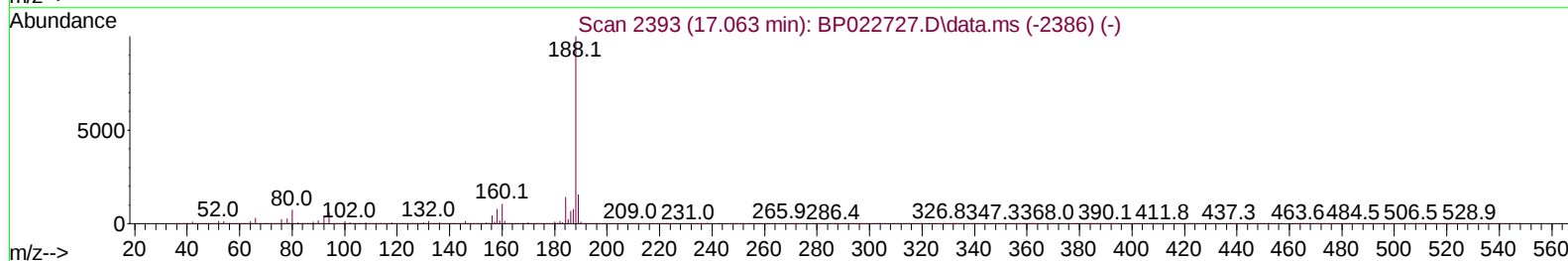
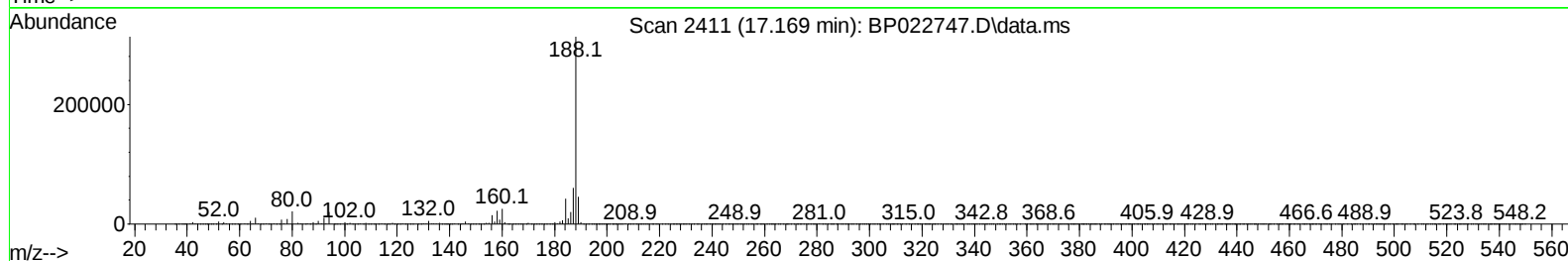
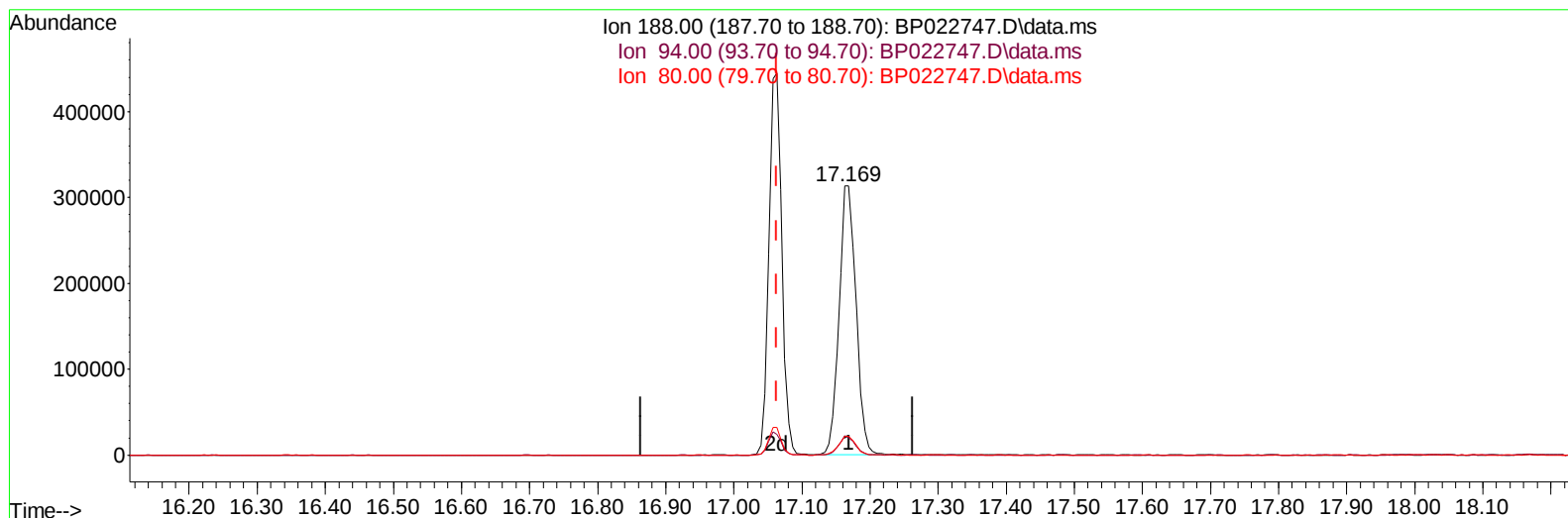
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022747.D
Acq On : 30 Oct 2024 22:33
Operator : RC/JU
Sample : P4493-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:52:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 30 10:56:39 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/05/2024



TIC: BP022747.D\data.ms

(64) Phenanthrene-d10 (I)

17.169min (+ 0.106) 20.00 ng/u1

response 543327

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	6.39
80.00	8.20	6.92
0.00	0.00	0.00

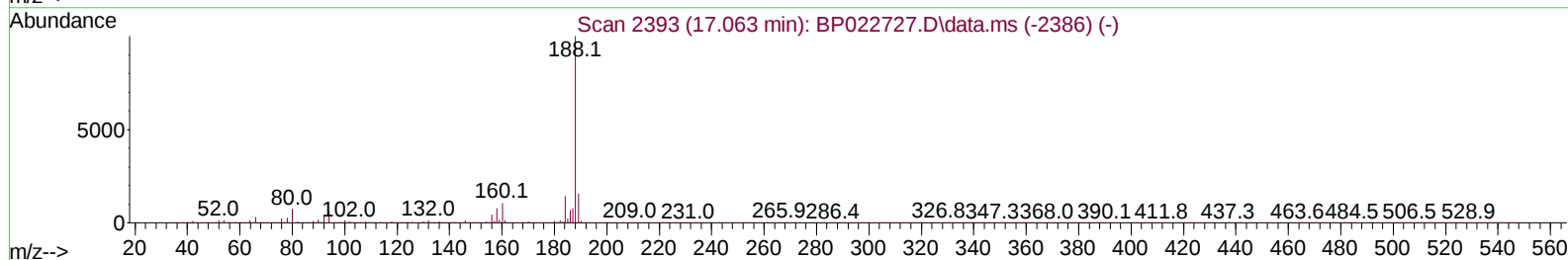
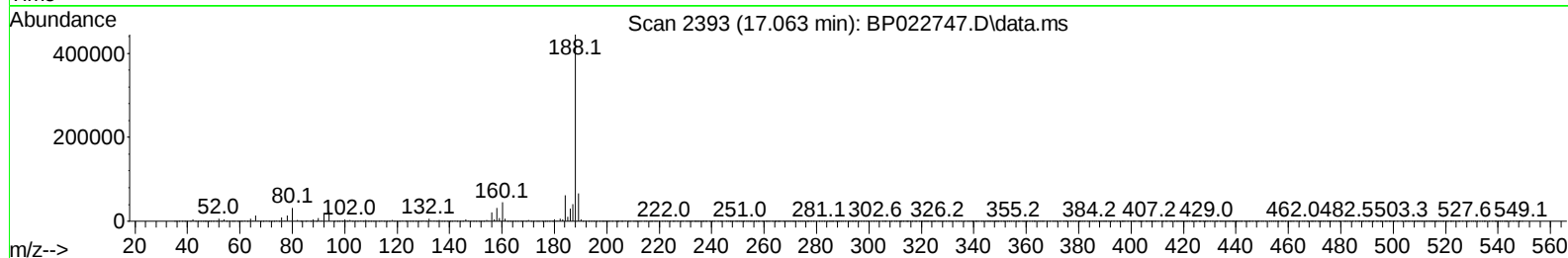
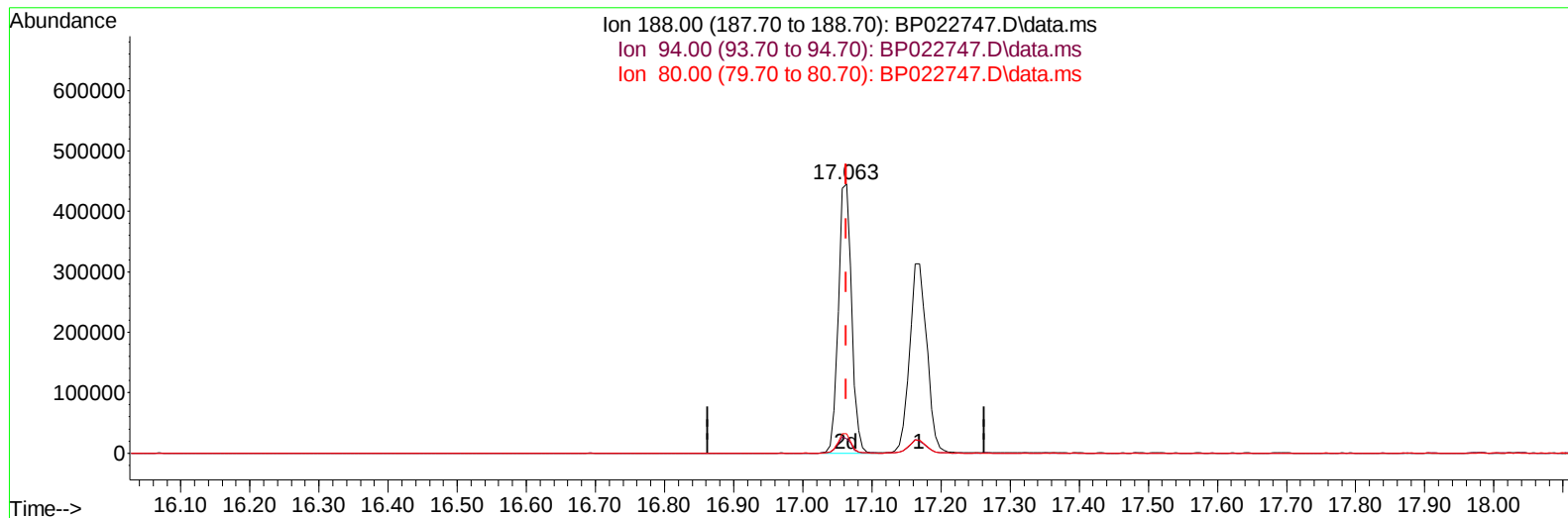
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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TIC: BP022747.D\data.ms

(64) Phenanthrene-d10 (I)

17.063min (+ 0.000) 20.00 ng/ul m

response 590523

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	5.40#
80.00	8.20	7.26
0.00	0.00	0.00

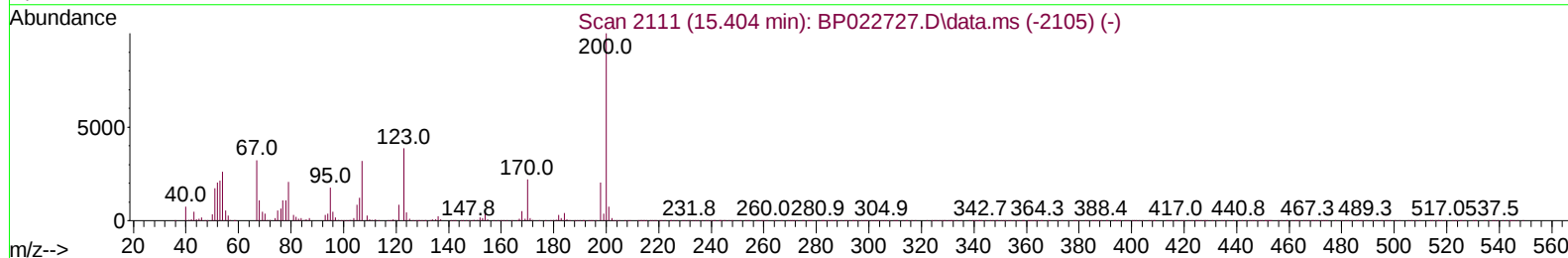
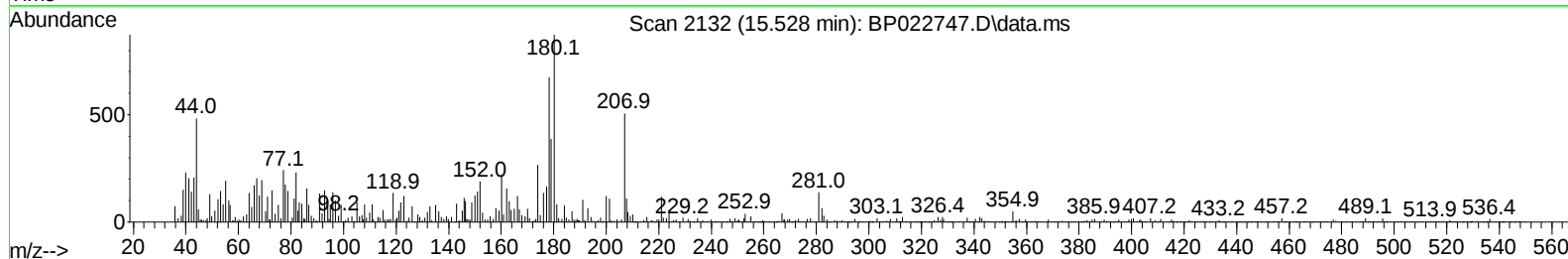
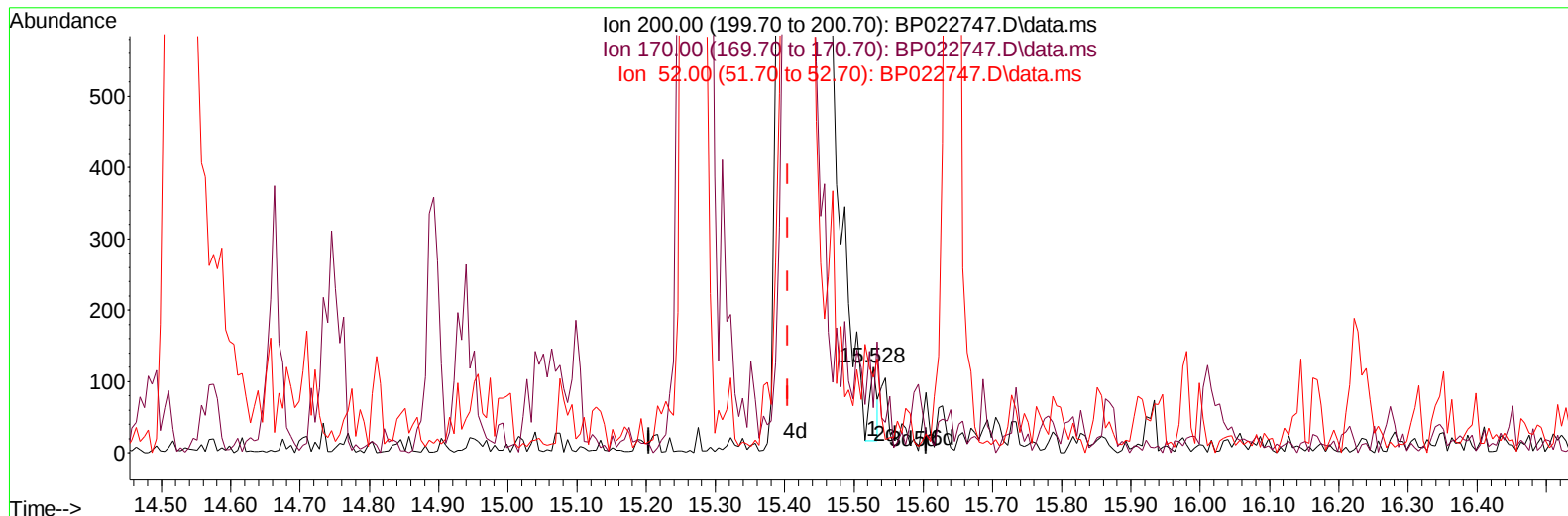
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Acq On : 30 Oct 2024 22:33
Operator : RC/JU
Sample : P4493-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:54:14 2024
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TIC: BP022747.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.528min (+ 0.124) 0.02 ng/u1

response 78

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	52.50#
52.00	36.60	88.33#
0.00	0.00	0.00

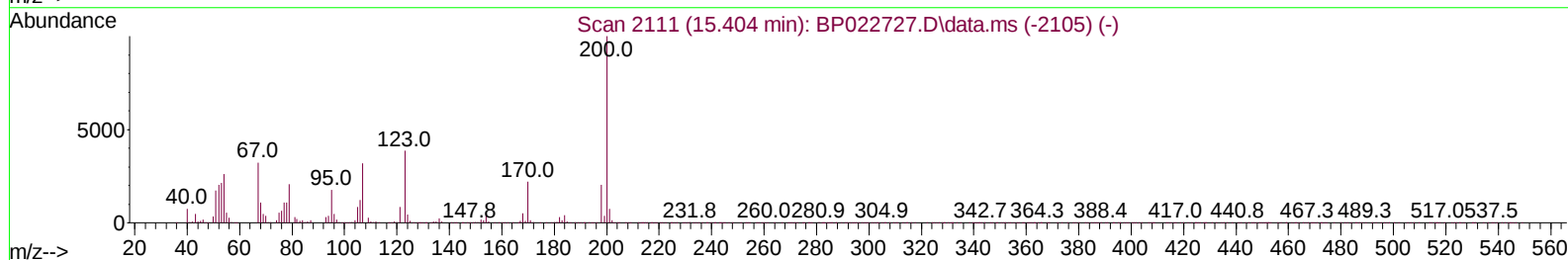
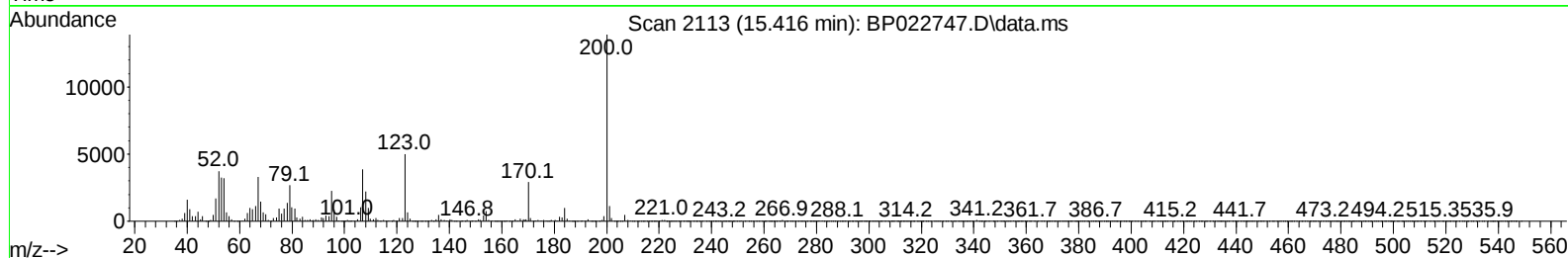
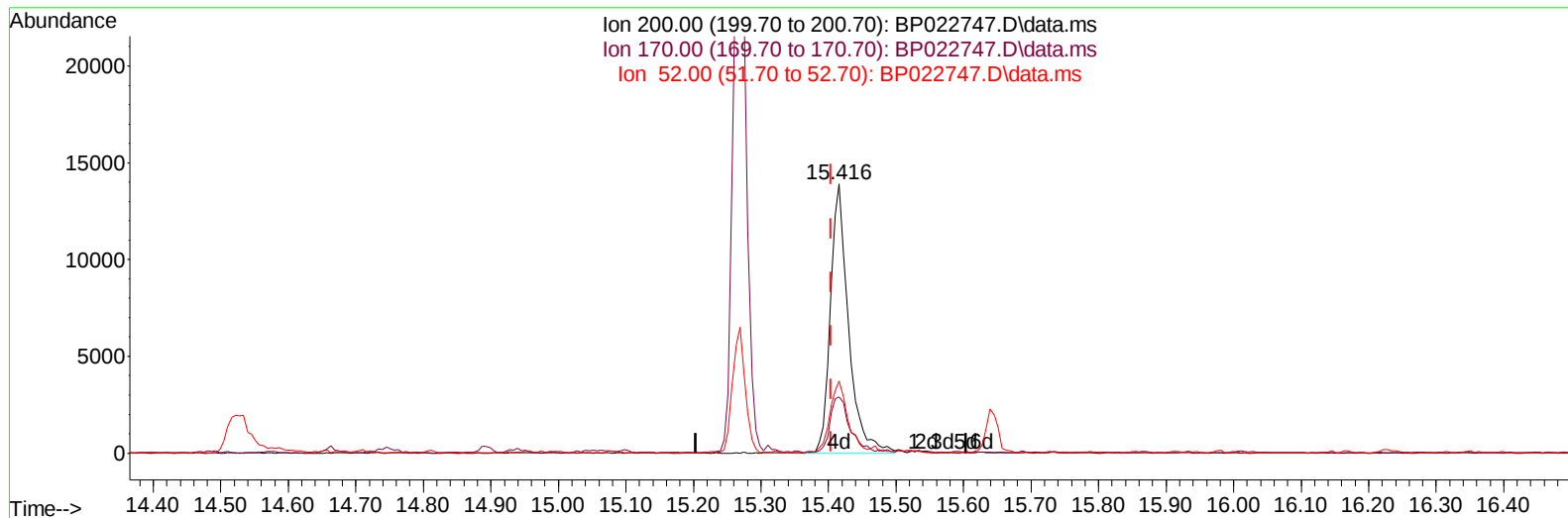
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:54:14 2024
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TIC: BP022747.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+ 0.012) 6.65 ng/ul m

response 25811

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	22.00	20.97
52.00	36.60	26.78#
0.00	0.00	0.00

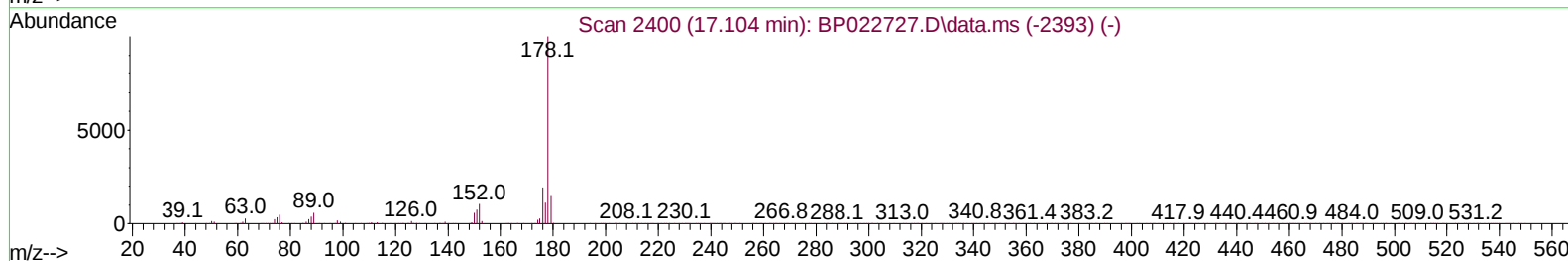
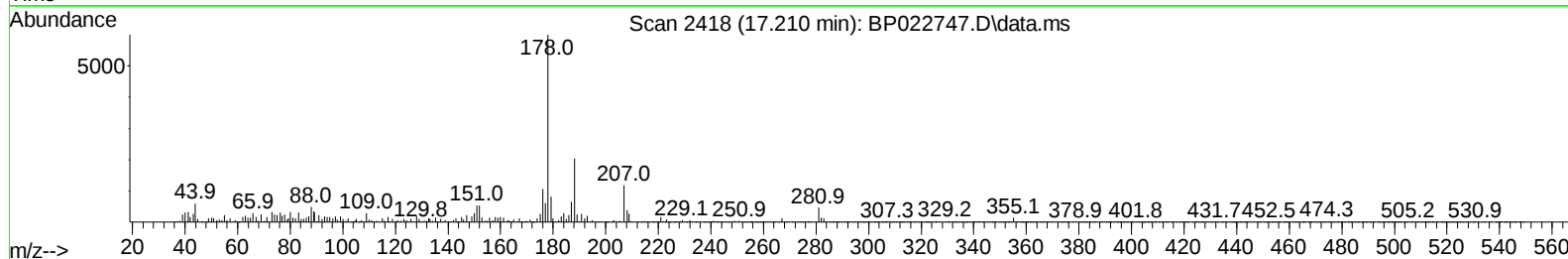
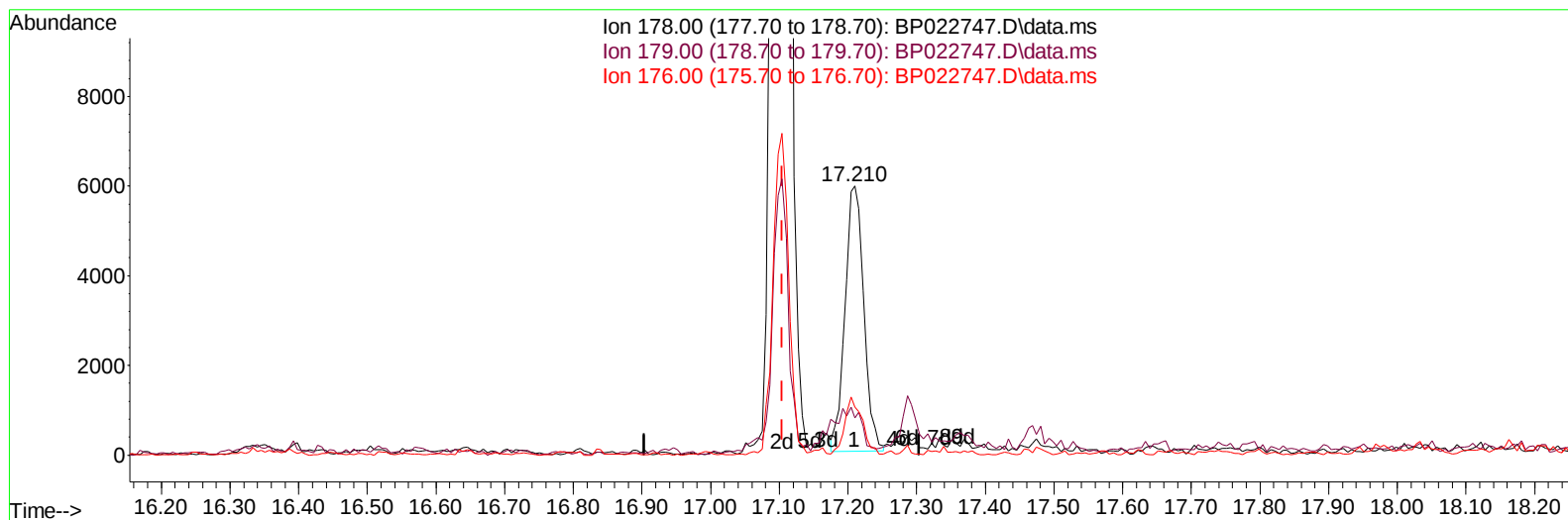
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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 Operator : RC/JU
 Sample : P4493-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP022747.D\data.ms

(72) Phenanthrene

17.210min (+ 0.106) 0.36 ng/u1

response 11279

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	13.70
176.00	19.60	17.82
0.00	0.00	0.00

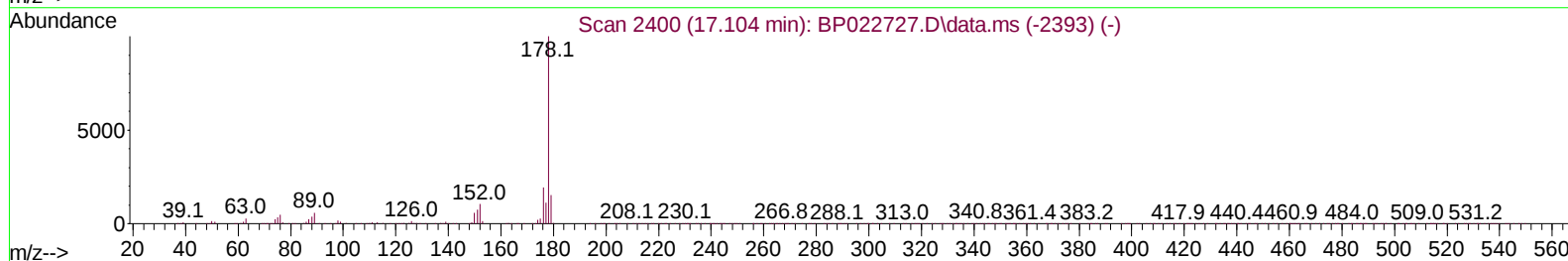
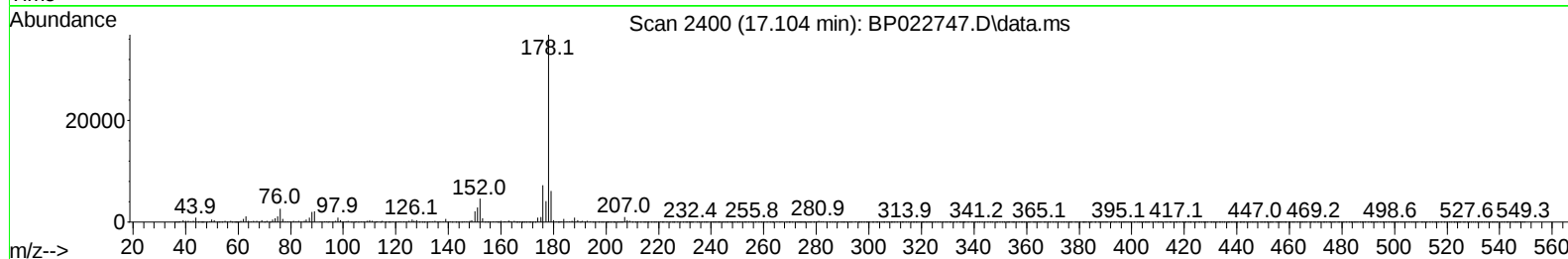
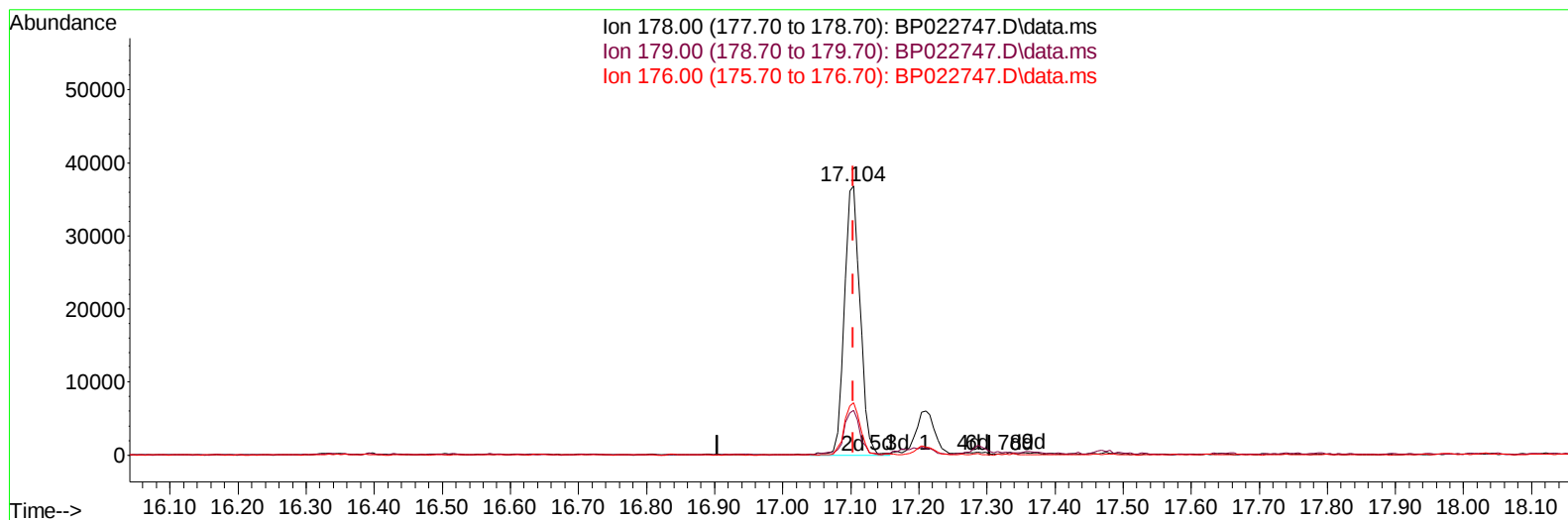
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
 Data File : BP022747.D
 Acq On : 30 Oct 2024 22:33
 Operator : RC/JU
 Sample : P4493-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:54:14 2024
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TIC: BP022747.D\data.ms

(72) Phenanthrene

17.104min (+ 0.000) 1.86 ng/u1 m

response 58898

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.30	16.73
176.00	19.60	19.51
0.00	0.00	0.00

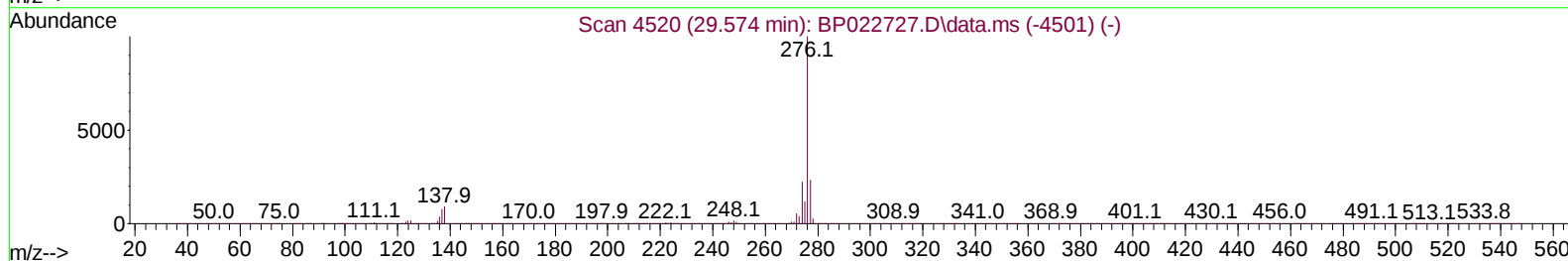
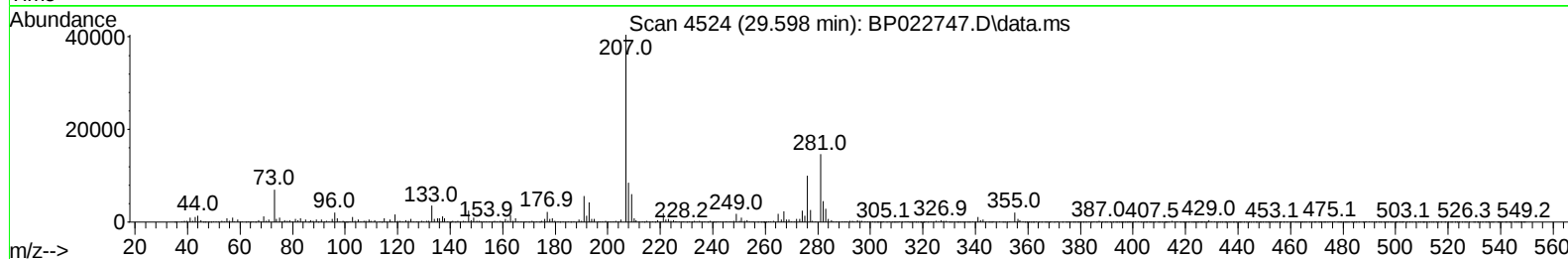
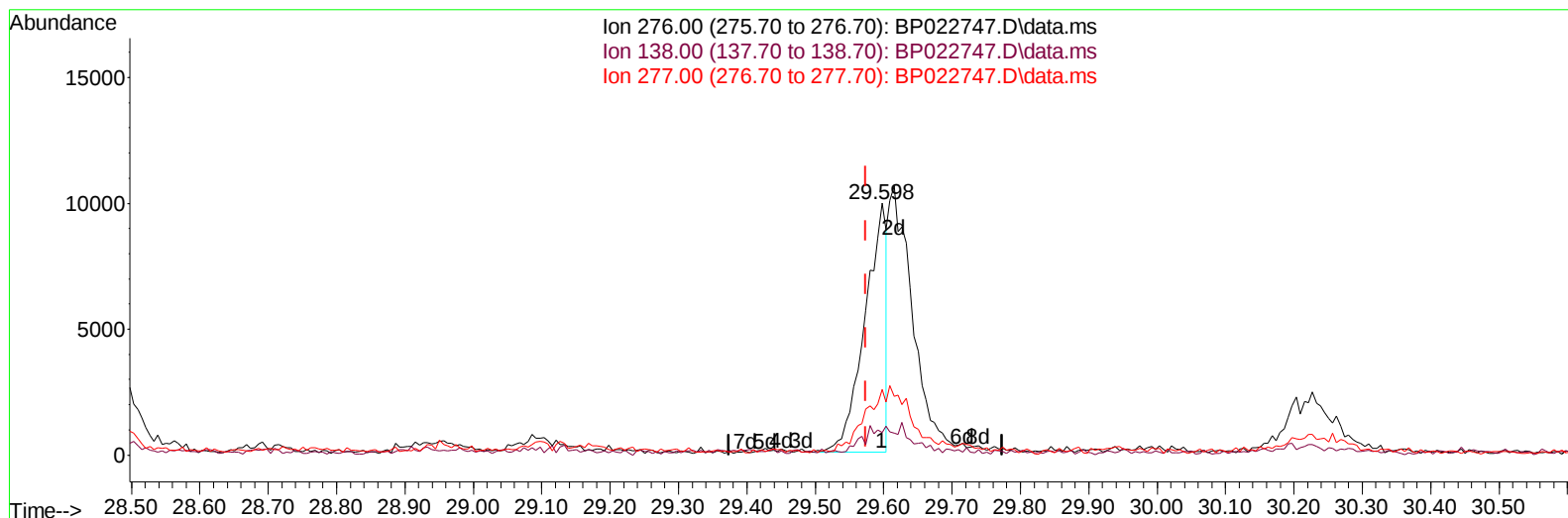
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
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A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:56:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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TIC: BP022747.D\data.ms

(96) Benzo(g,h,i)perylene

29.598min (+ 0.024) 0.46 ng/u1

response 21863

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.91
277.00	23.70	26.15
0.00	0.00	0.00

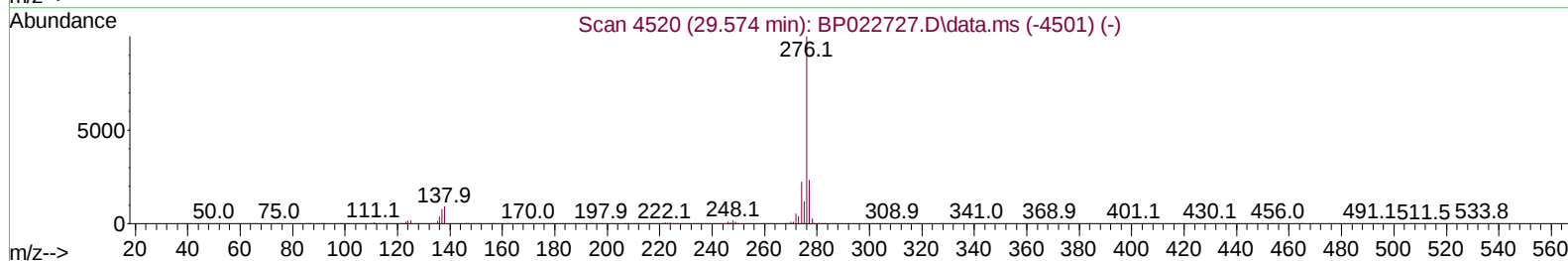
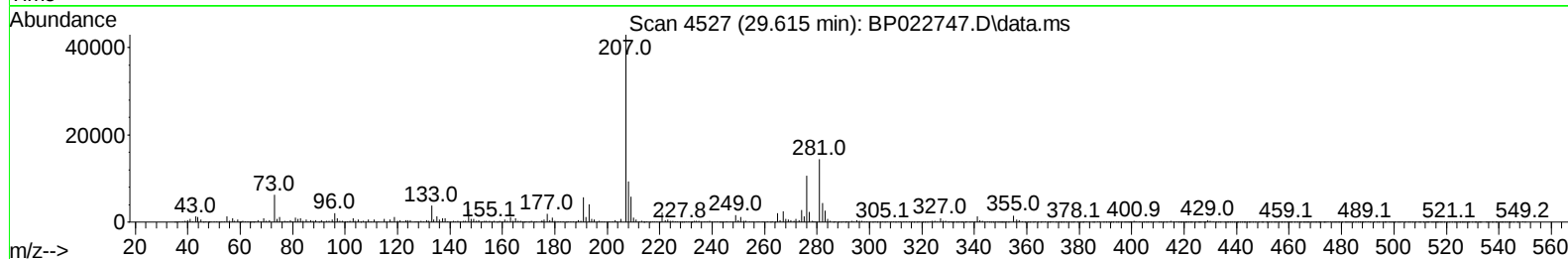
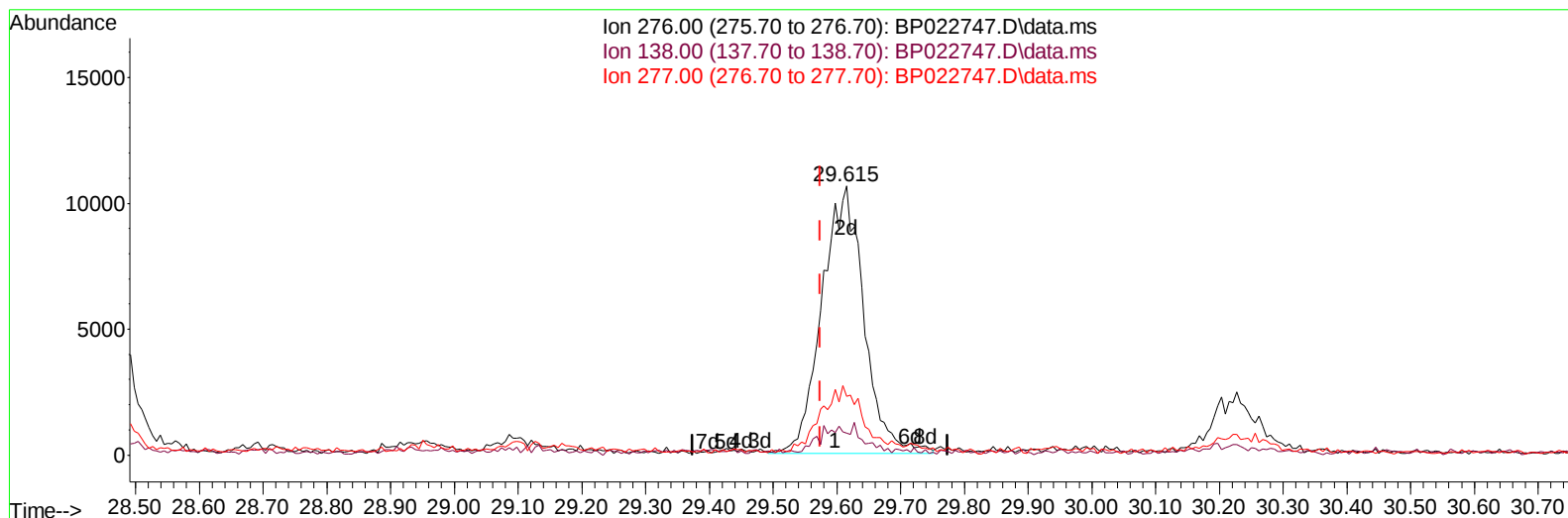
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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Acq On : 30 Oct 2024 22:33
Operator : RC/JU
Sample : P4493-12
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:56:28 2024
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Reviewed By :Yogesh Patel 11/04/2024
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TIC: BP022747.D\data.ms

(96) Benzo(g,h,i)perylene

29.615min (+ 0.041) 1.02 ng/u1 m

response 48480

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	8.17#
277.00	23.70	21.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
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 Acq On : 30 Oct 2024 22:33
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 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
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 A4F17

Manual IntegrationsAPPROVED

Quant Time: Oct 31 23:57:27 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	89331	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	346334	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.251	164	258472	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	590523m	20.000	ng/ul	0.00
79) Chrysene-d12	21.492	240	650874	20.000	ng/ul	0.00
88) Perylene-d12	24.745	264	794110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	5827	2.535	ng/uL	0.00
4) Pyridine-d5	3.593	84	86263	13.669	ng/ul	0.00
7) Phenol-d5	6.828	99	119673	15.915	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	71419	16.160	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	95896	17.973	ng/ul	0.00
15) 4-Methylphenol-d8	8.340	113	106137	17.686	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	46128	17.322	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	54952	17.824	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.028	165	116704	17.810	ng/ul	0.00
31) 4-Chloroaniline-d4	10.534	131	111216	14.364	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	368206	17.930	ng/ul	0.00
49) Acenaphthylene-d8	13.940	160	400091	18.343	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.522	143	34362	9.974	ng/ul	0.01
60) Fluorene-d10	15.269	176	336728	18.904	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.416	200	25811m	6.646	ng/ul	0.01
73) Anthracene-d10	17.169	188	542968	19.546	ng/ul	0.00
81) Pyrene-d10	19.551	212	689593	20.035	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.533	264	855536	20.173	ng/ul	0.01
Target Compounds						
					Qvalue	
72) Phenanthrene	17.104	178	58898m	1.864	ng/ul	
80) Fluoranthene	19.204	202	130228	3.291	ng/ul	98
82) Pyrene	19.580	202	119824	2.825	ng/ul	98
85) Benzo(a)anthracene	21.474	228	63839	1.399	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.416	149	24694	1.165	ng/ul#	98
87) Chrysene	21.545	228	69498	1.643	ng/ul	95
90) Benzo(b)fluoranthene	23.733	252	97309	1.947	ng/ul	99
93) Benzo(a)pyrene	24.592	252	59634	1.296	ng/ul	99
96) Benzo(g,h,i)perylene	29.615	276	48480m	1.015	ng/ul	

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

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