

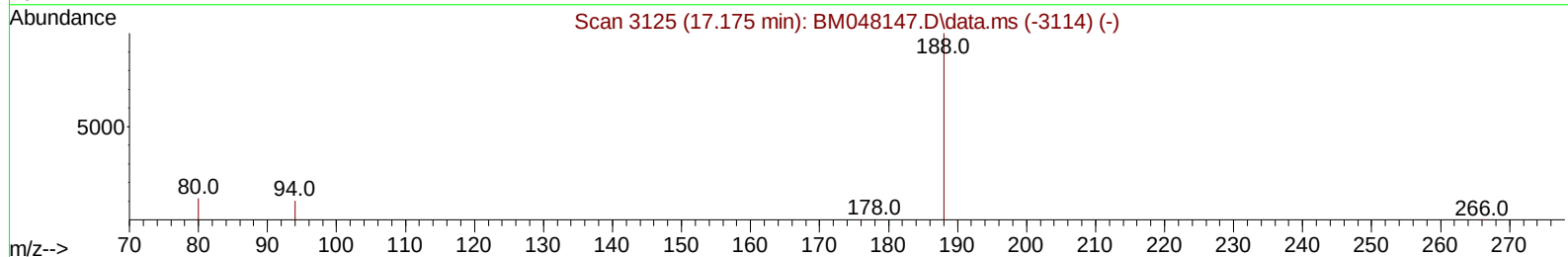
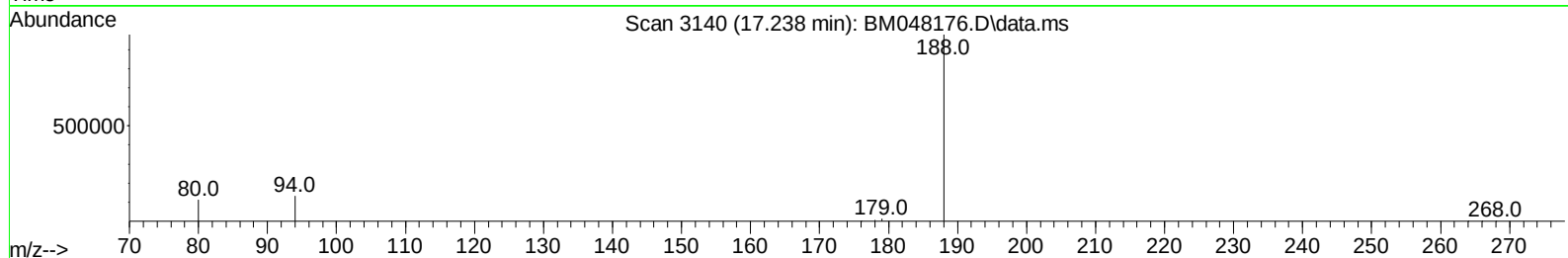
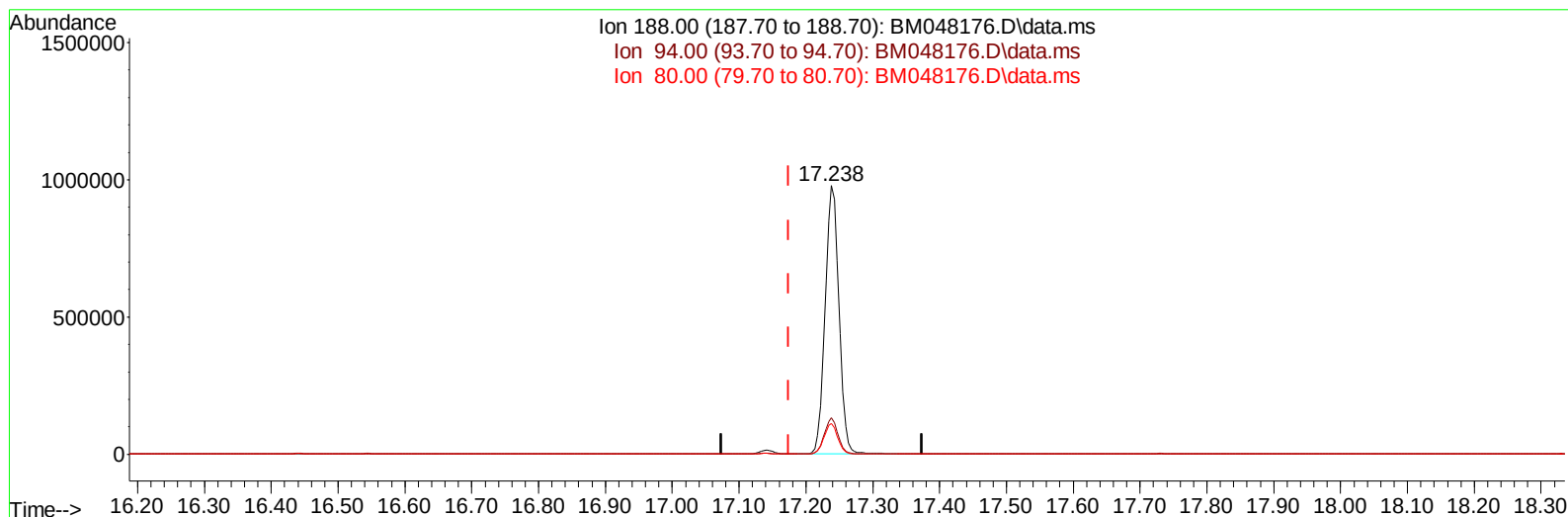
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

Quant Time: Oct 22 04:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048176.D\data.ms

(13) Phenanthrene-d10 (I)

17.238min (+ 0.065) 0.40 ng/u1

response 1422098

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	13.47
80.00	12.40	11.45
0.00	0.00	0.00

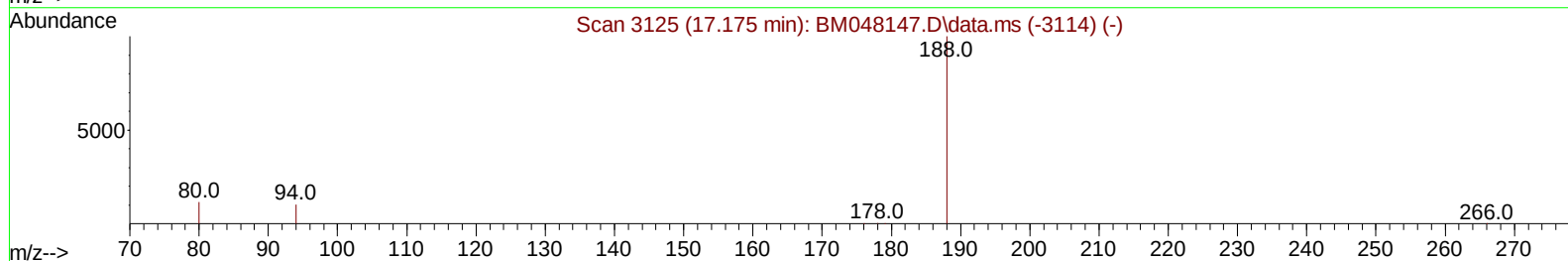
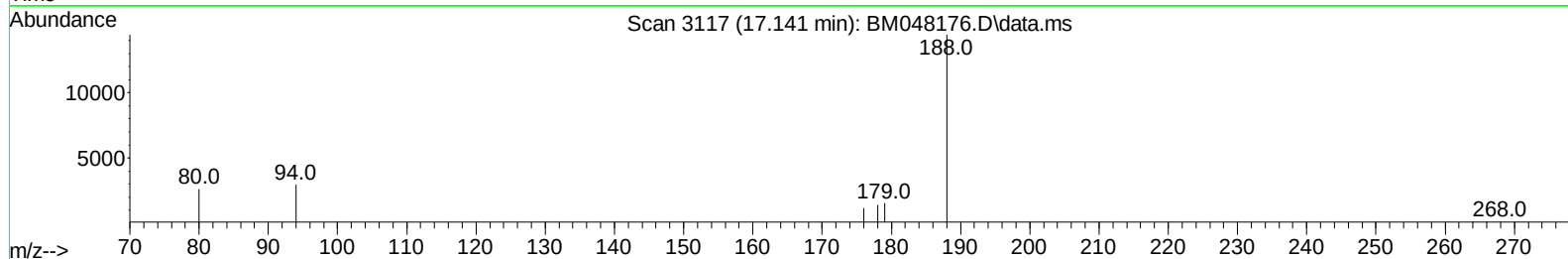
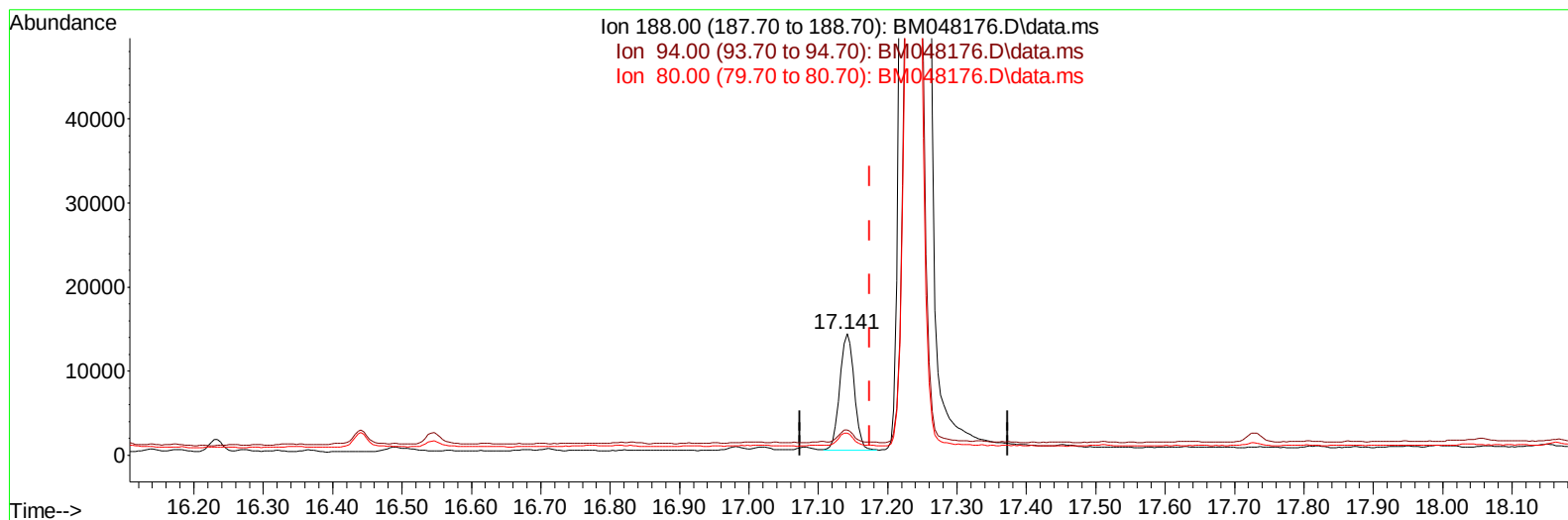
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
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QLast Update : Mon Oct 21 23:11:55 2024
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Reviewed By :Yogesh Patel 10/22/2024
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TIC: BM048176.D\data.ms

(13) Phenanthrene-d10 (I)

17.141min (-0.033) 0.40 ng/ul m

response 20266

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.80	20.57#
80.00	12.40	18.22#
0.00	0.00	0.00

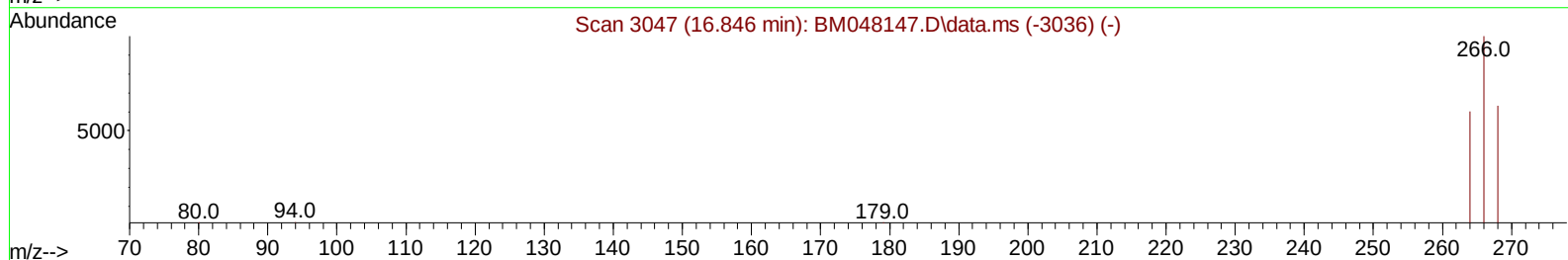
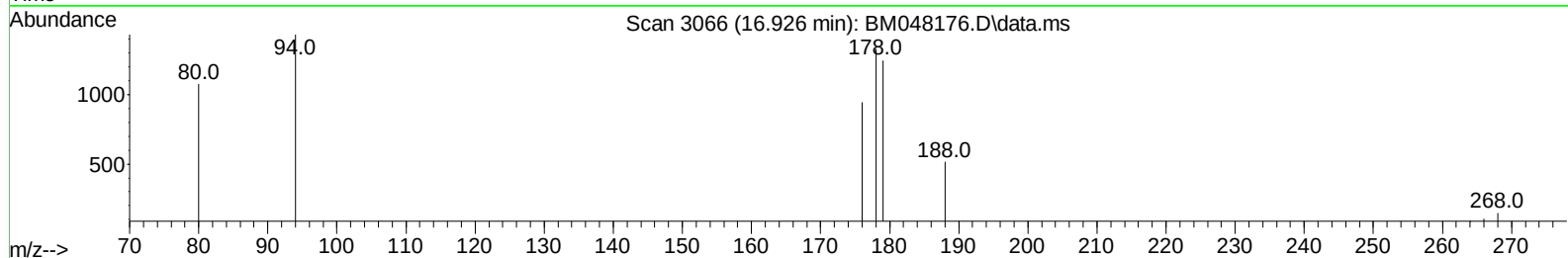
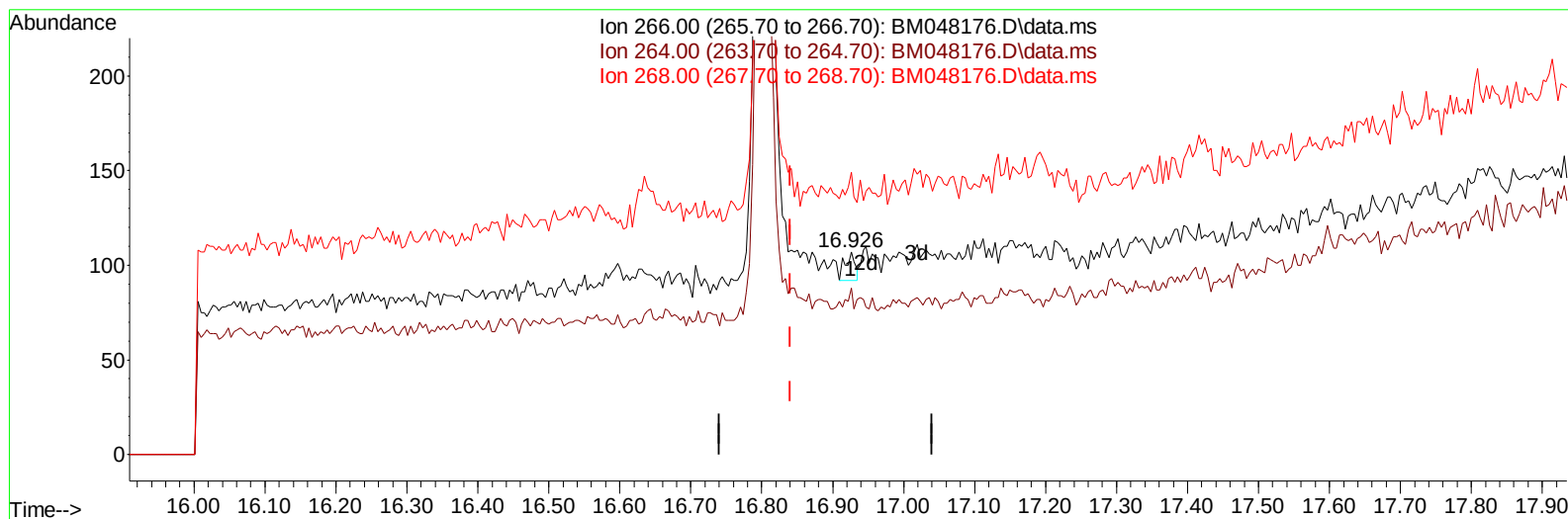
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

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TIC: BM048176.D\data.ms

(14) Pentachlorophenol

16.926min (+ 0.086) 0.00 ng/ul

response 15

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.70	0.00#
268.00	64.70	66.67
0.00	0.00	0.00

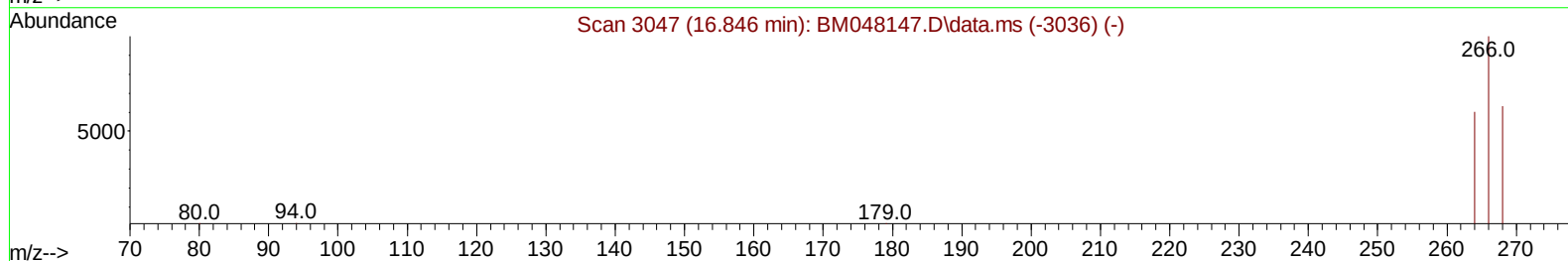
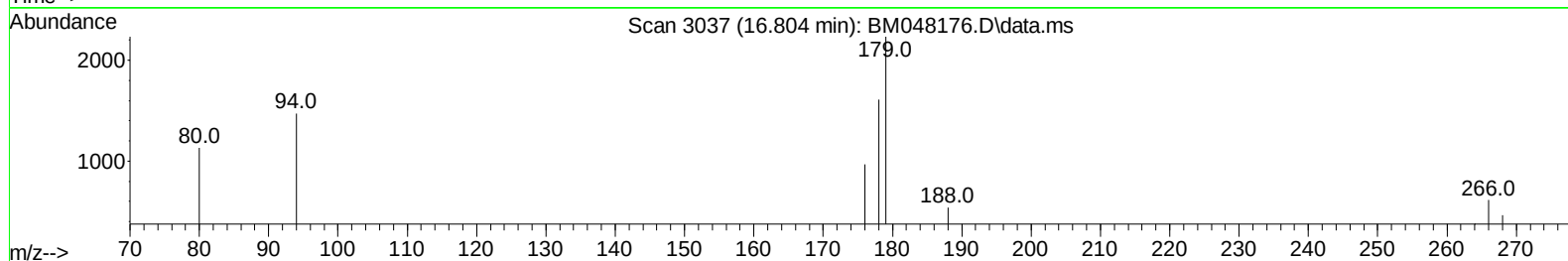
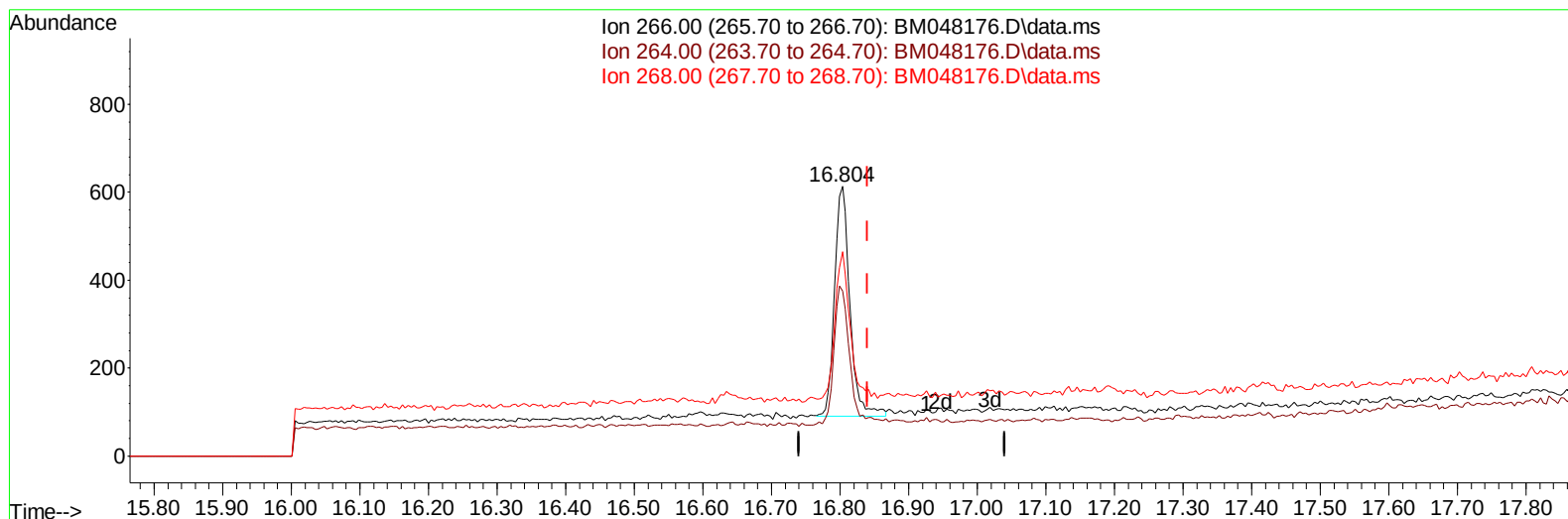
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
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Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
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TIC: BM048176.D\data.ms

(14) Pentachlorophenol

16.804min (-0.037) 0.12 ng/ul m

response 813

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	62.70	0.00#
268.00	64.70	1.23#
0.00	0.00	0.00

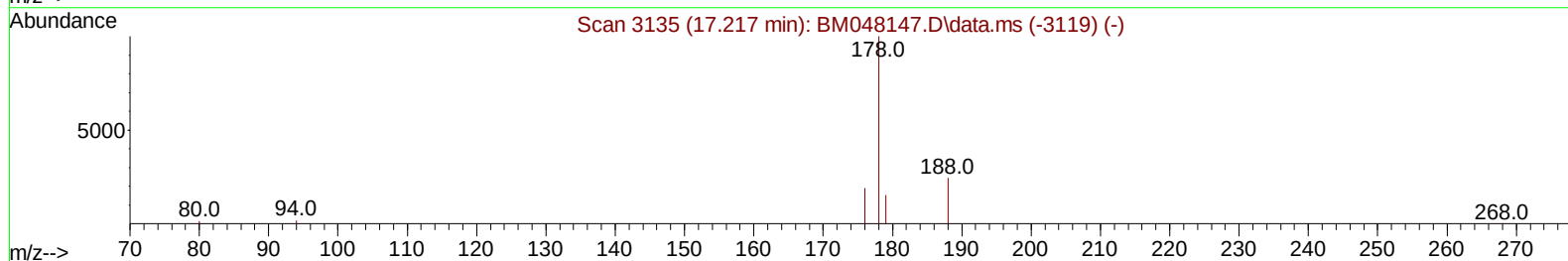
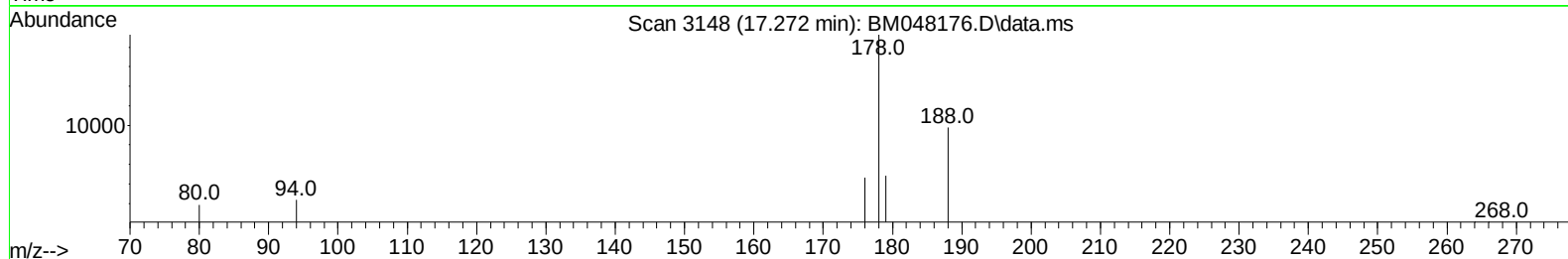
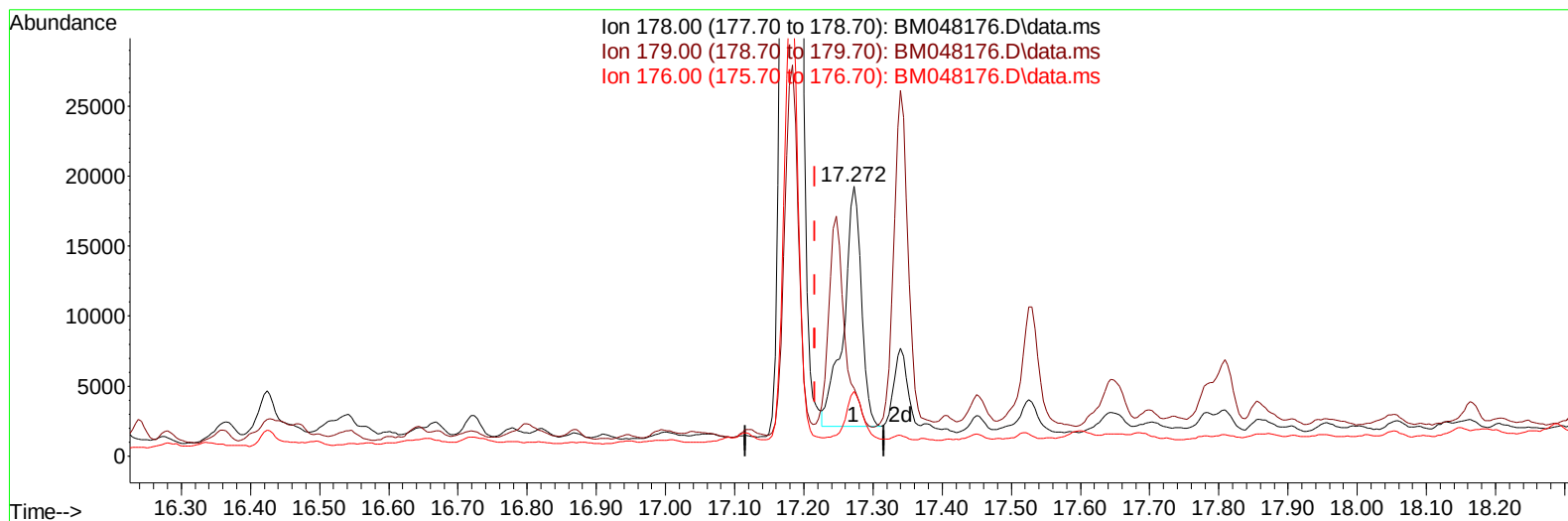
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
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Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

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TIC: BM048176.D\data.ms

(15) Phenanthrene

17.272min (+ 0.056) 0.60 ng/u1

response 30599

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	25.22#
176.00	20.00	23.93
0.00	0.00	0.00

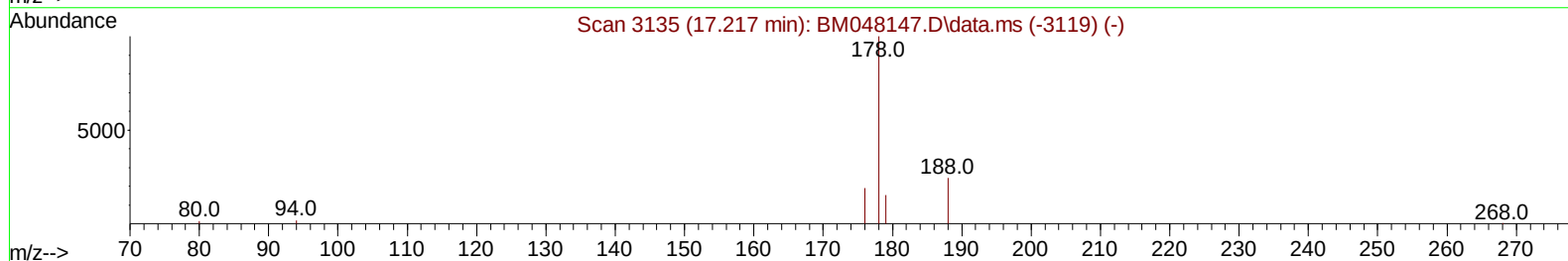
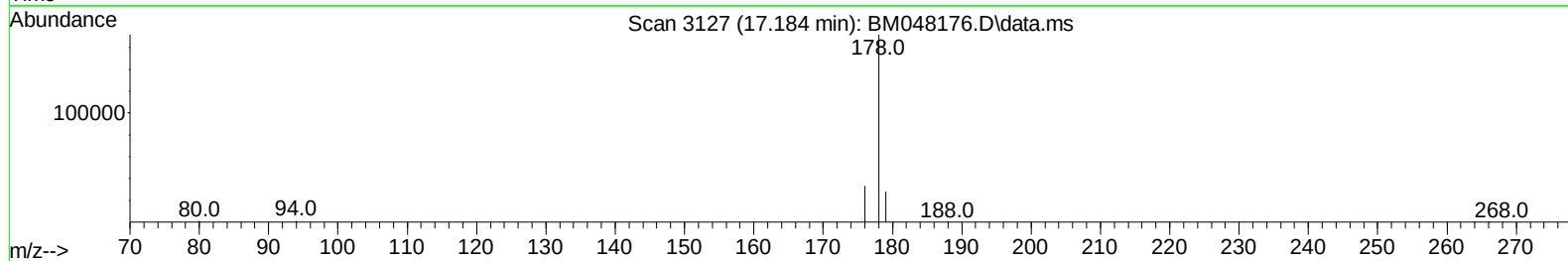
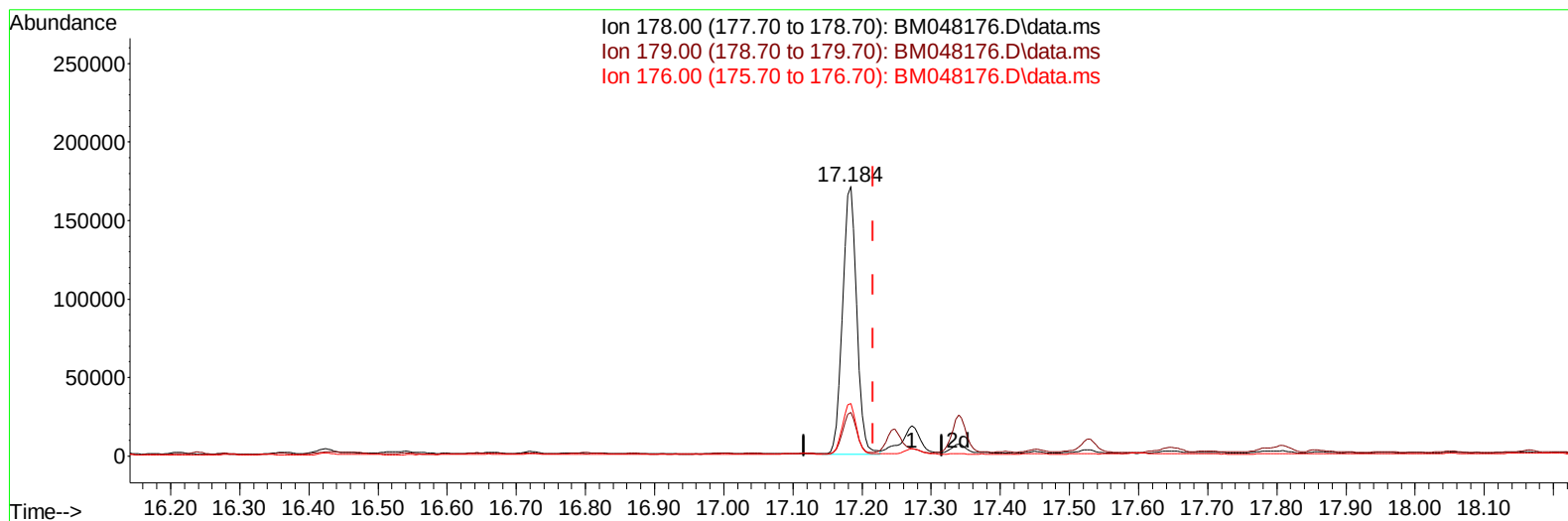
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

Quant Time: Oct 22 04:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
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Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



TIC: BM048176.D\data.ms

(15) Phenanthrene

17.184min (-0.032) 4.77 ng/ul m

response 244461

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.50	16.29
176.00	20.00	19.37
0.00	0.00	0.00

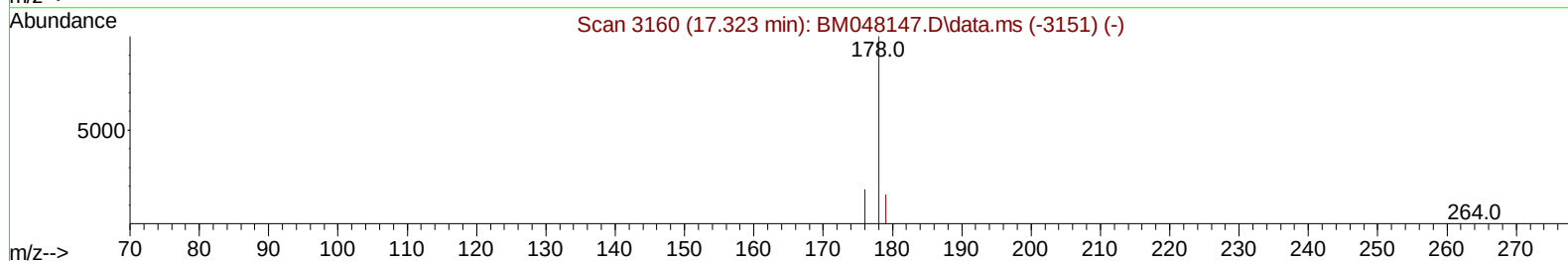
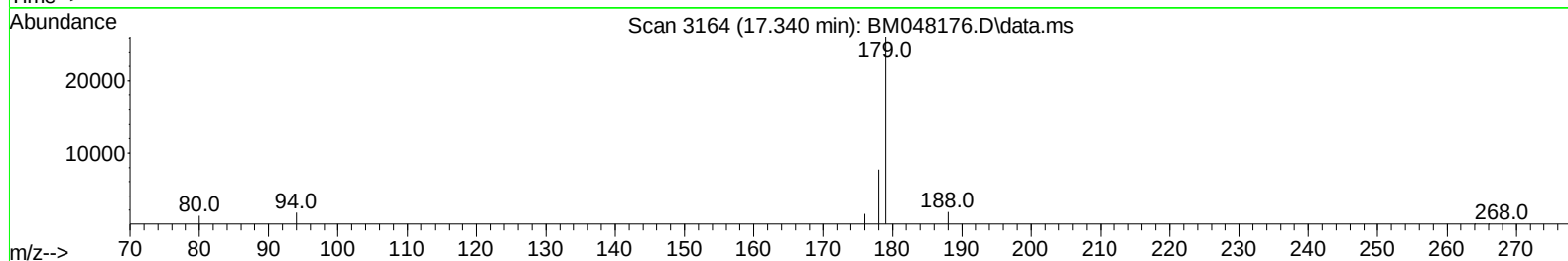
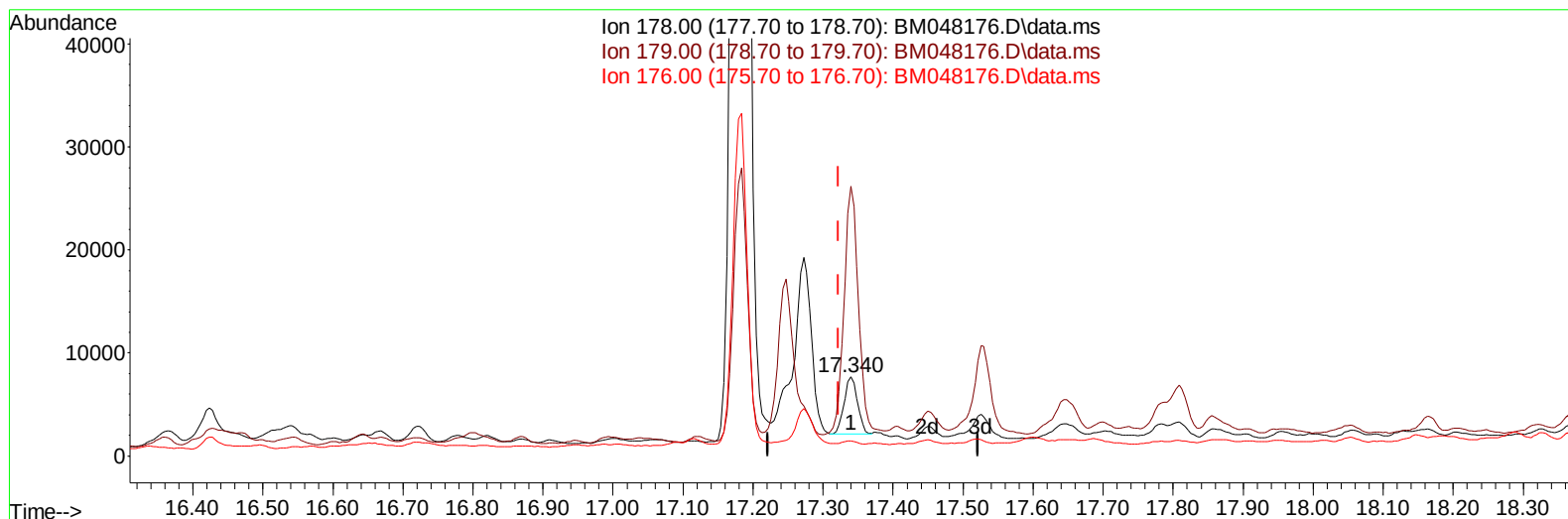
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
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Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

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TIC: BM048176.D\data.ms

(16) Anthracene

17.340min (+ 0.018) 0.15 ng/u1

response 7371

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	340.27#
176.00	20.00	19.26
0.00	0.00	0.00

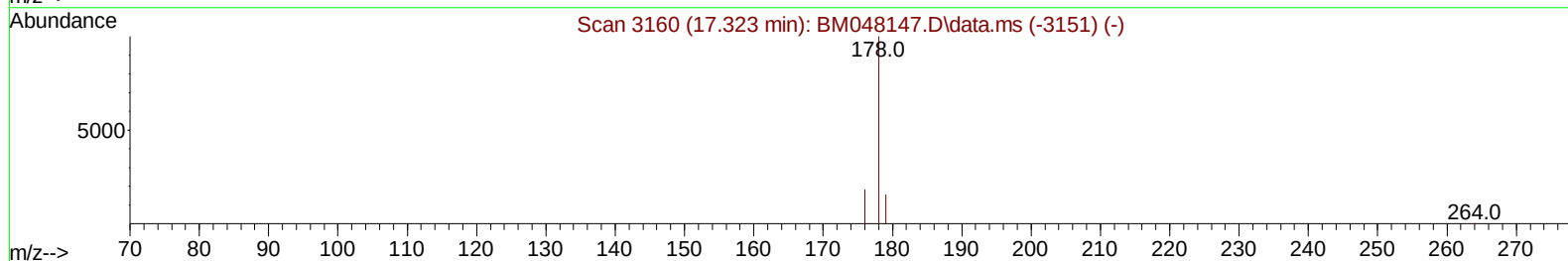
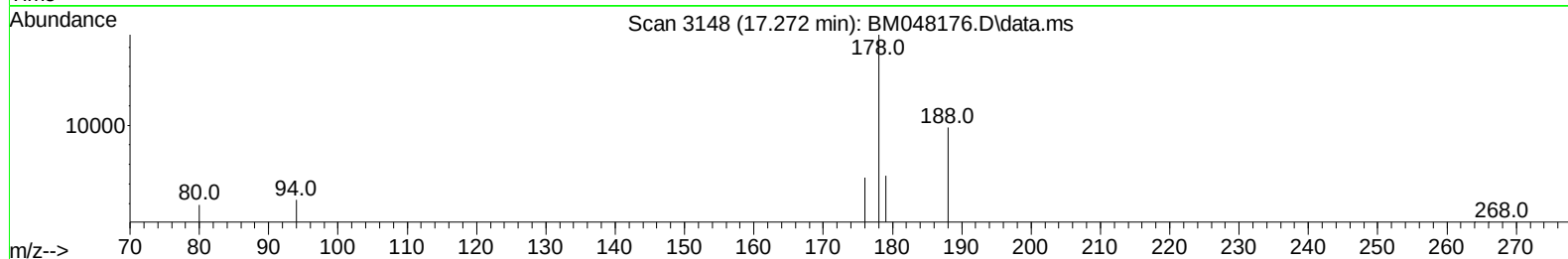
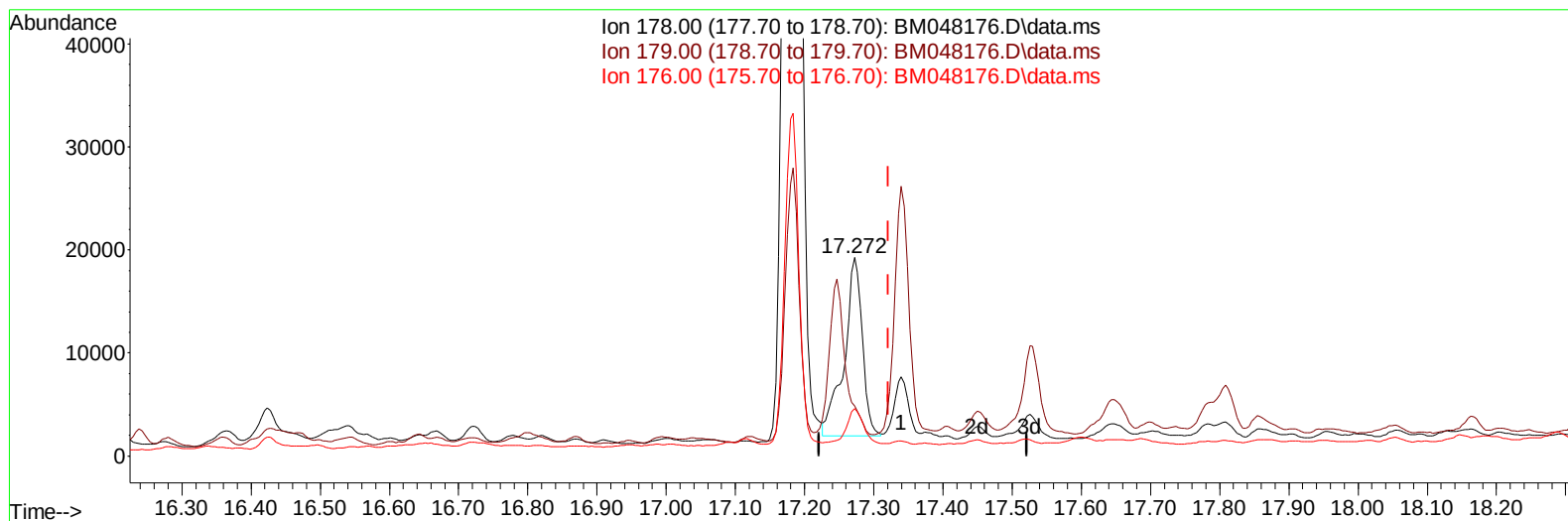
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

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QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

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TIC: BM048176.D\data.ms

(16) Anthracene

17.272min (-0.049) 0.65 ng/ul m

response 31602

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.10	25.22#
176.00	20.00	23.93
0.00	0.00	0.00

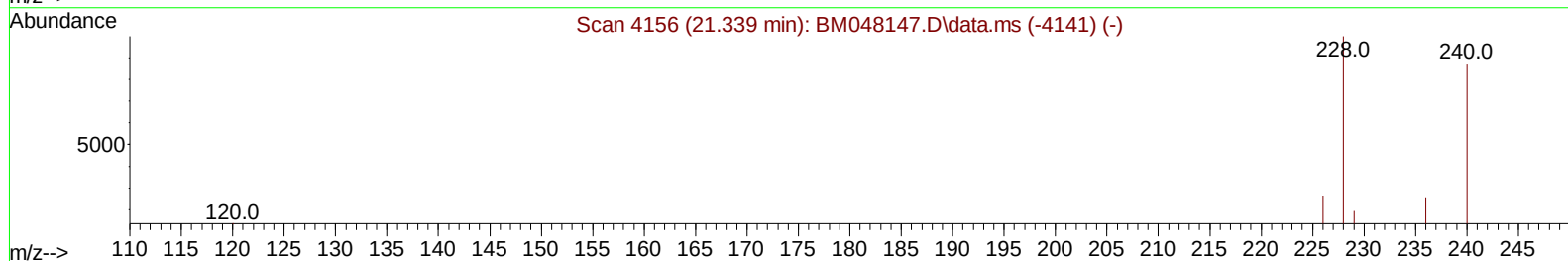
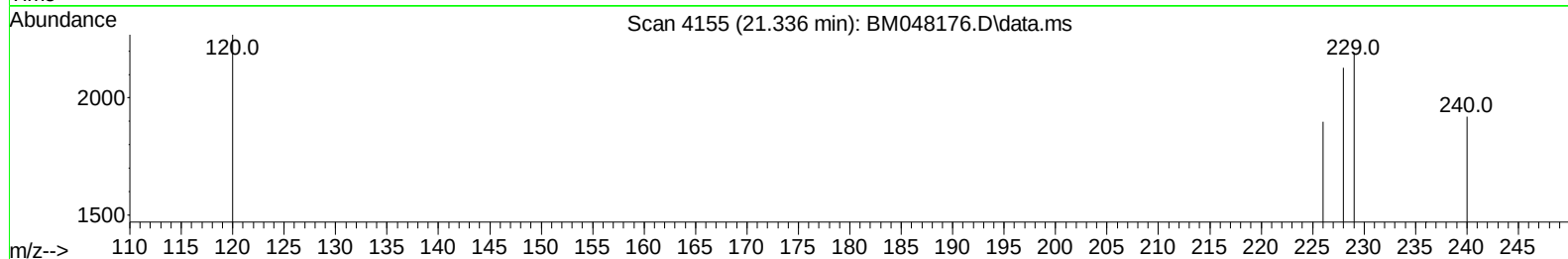
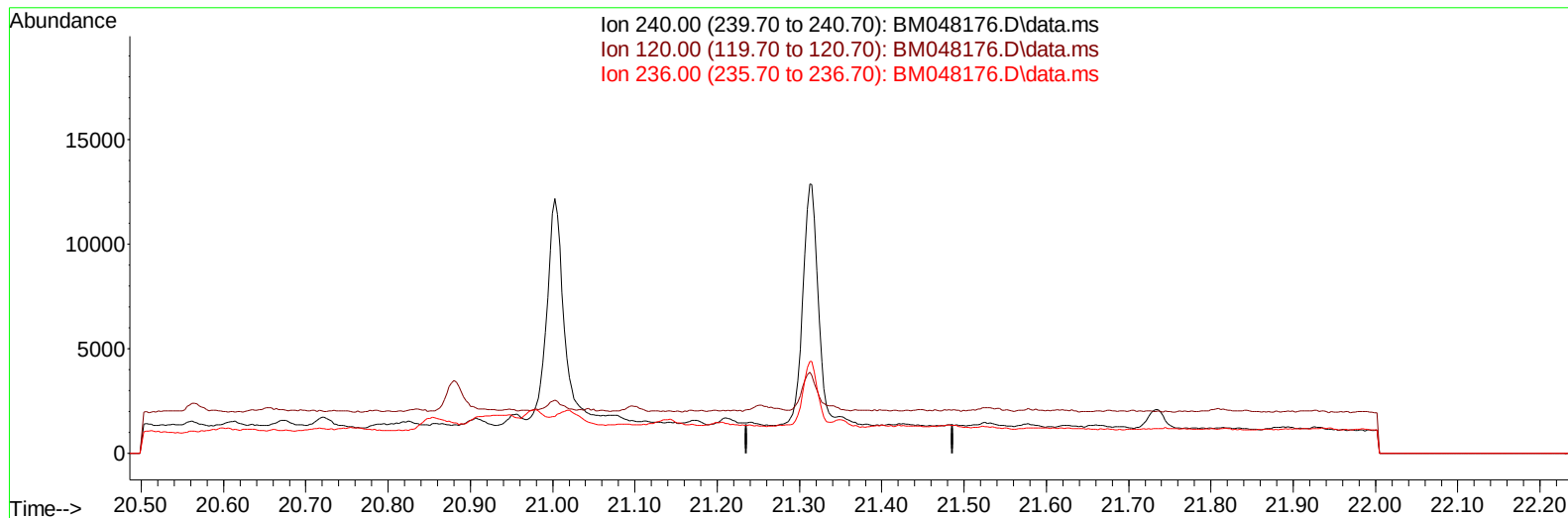
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Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

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TIC: BM048176.D\data.ms

(17) Chrysene-d12

21.336min (-21.336) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	22.80	0.00#
236.00	30.60	0.00#
0.00	0.00	0.00

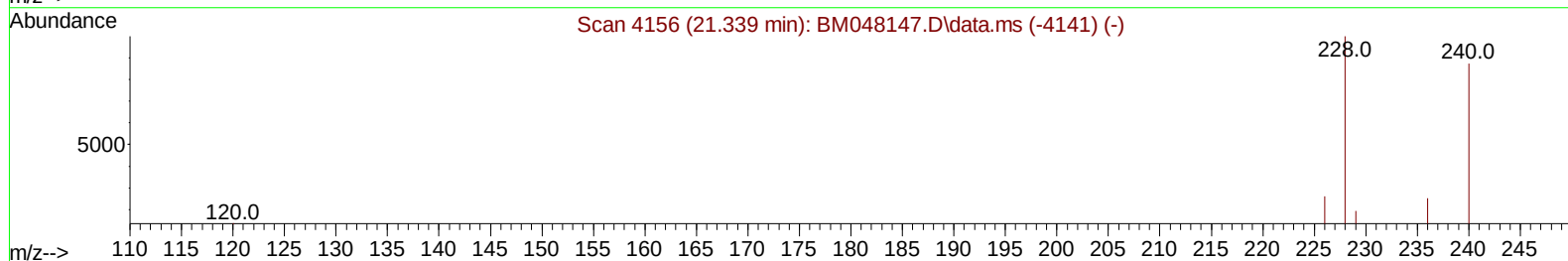
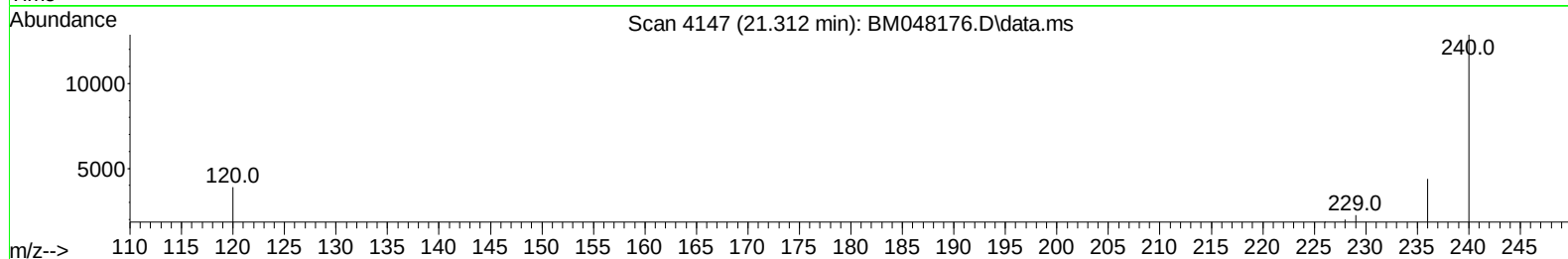
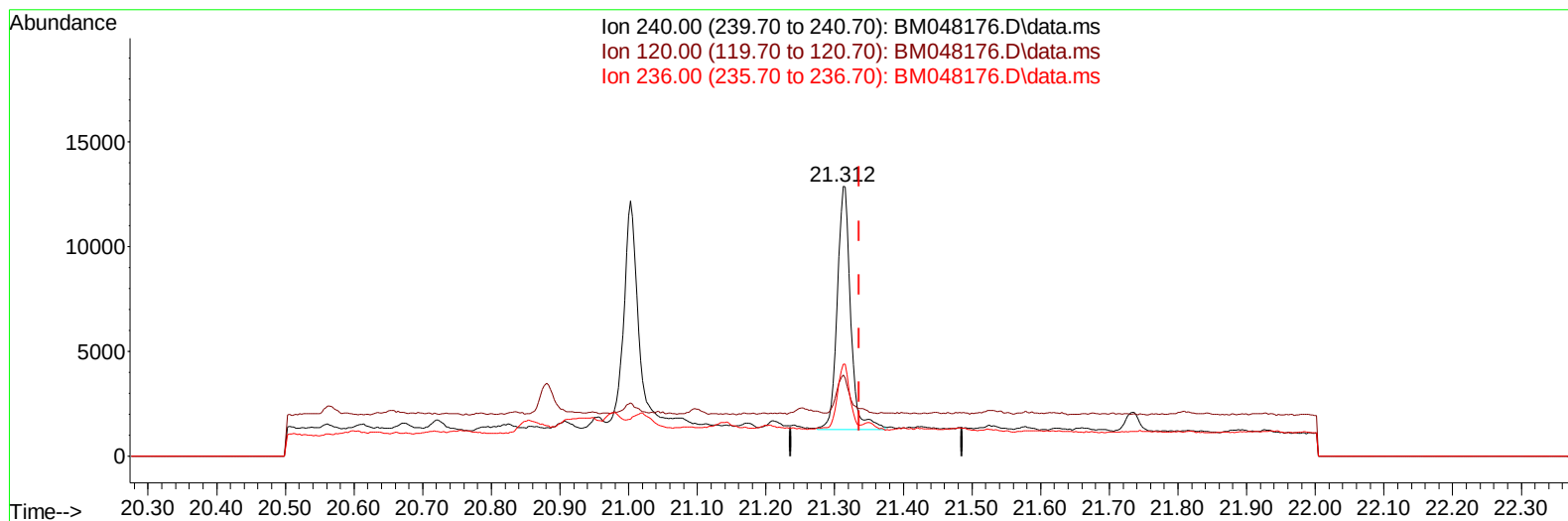
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Data File : BM048176.D
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Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM048176.D\data.ms

(17) Chrysene-d12

21.312min (-0.024) 0.40 ng/ul m

response 15746

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	22.80	30.18#
236.00	30.60	34.12
0.00	0.00	0.00

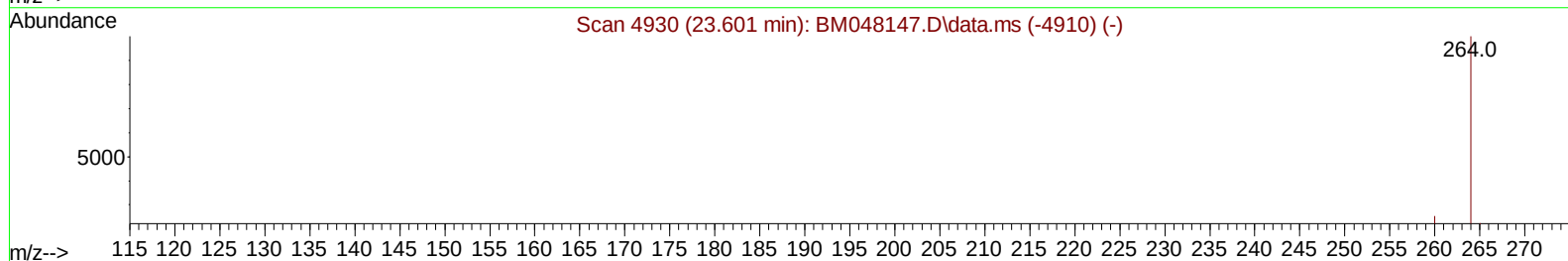
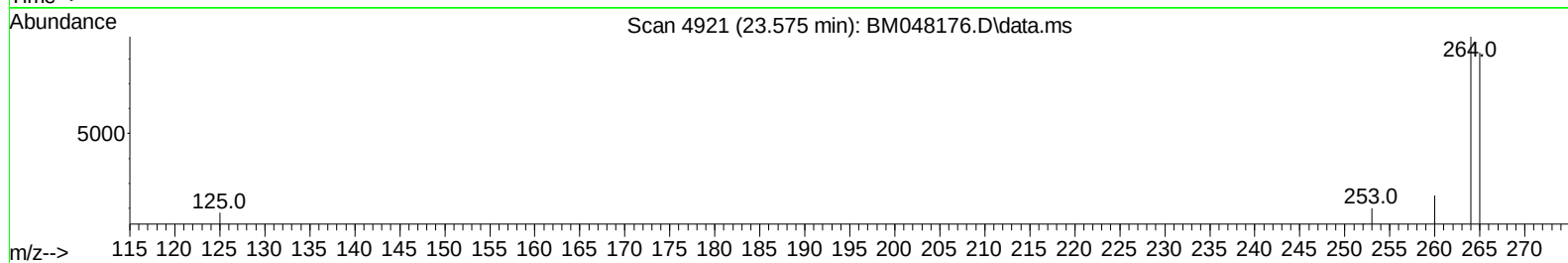
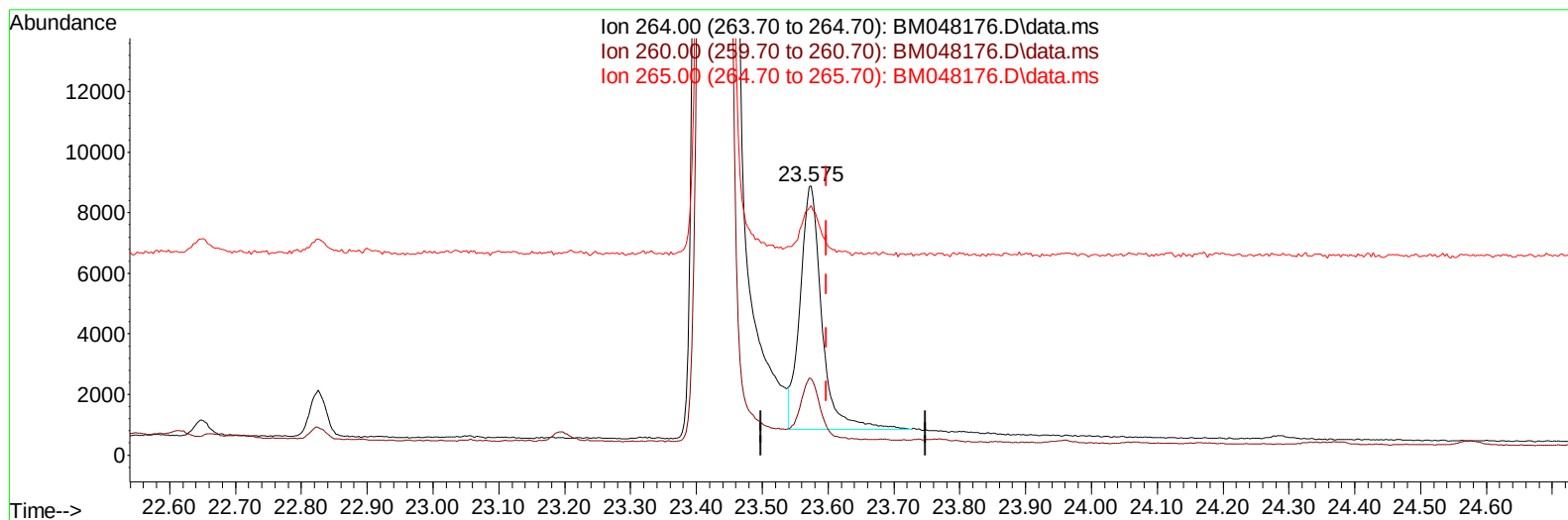
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
 Data File : BM048176.D
 Acq On : 22 Oct 2024 04:29
 Operator : RC/JU
 Sample : P4380-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E27H6

Manual IntegrationsAPPROVED

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TIC: BM048176.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.024) 0.40 ng/ul

response 18552

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.37
265.00	128.10	92.77#
0.00	0.00	0.00

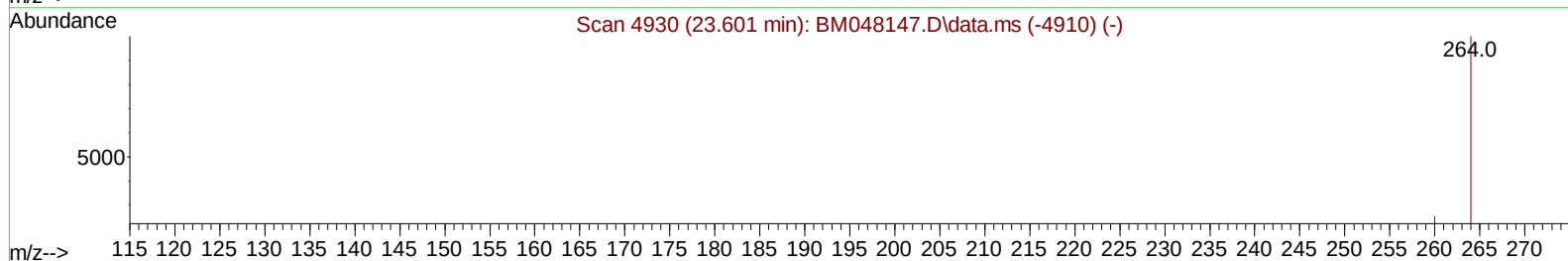
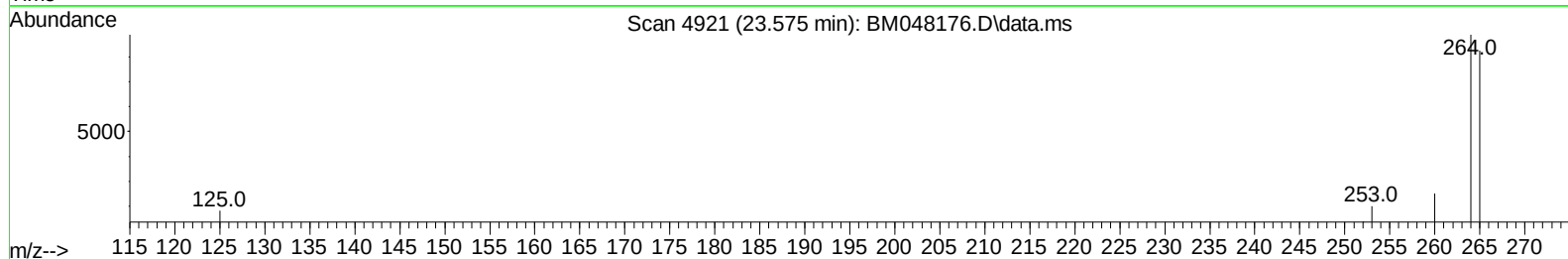
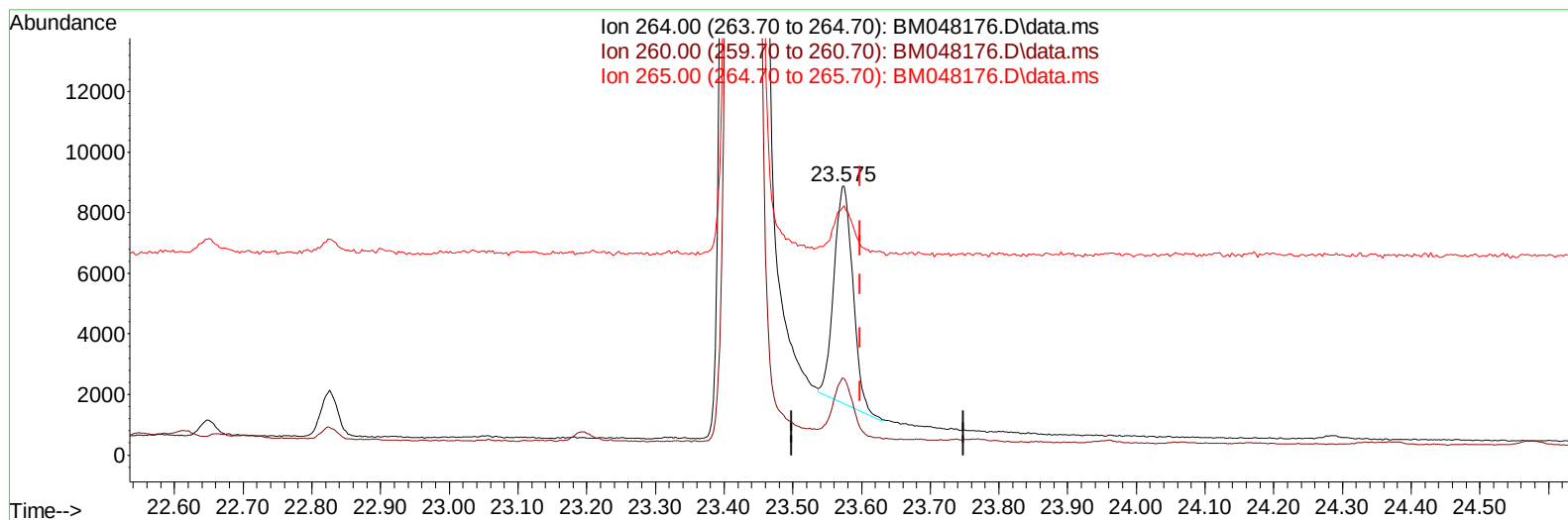
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Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

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TIC: BM048176.D\data.ms

(23) Perylene-d12 (I)

23.575min (-0.024) 0.40 ng/ul m

response 13715

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.80	28.37
265.00	128.10	92.77#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.767	152		5818	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.552	136		18416	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.400	164		14782	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.141	188		20266m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.312	240		15746m	0.400	ng/ul	-0.02
23) Perylene-d12	23.575	264		13715m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.236	96		29003	3.667	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152		10592	0.413	ng/ul	-0.05
18) Fluoranthene-d10	19.165	212		19561	0.427	ng/ul	-0.03
Target Compounds							
							Qvalue
5) Naphthalene	10.601	128		2847826	56.900	ng/ul	96
7) 2-Methylnaphthalene	12.218	142		221813	7.746	ng/ul	97
8) 1-Methylnaphthalene	12.438	142		174838	5.305	ng/ul	98
10) Acenaphthylene	14.118	152		174179	2.551	ng/ul	98
11) Acenaphthene	14.461	153		51660	1.059	ng/ul	98
12) Fluorene	15.451	166		96447	1.845	ng/ul	98
14) Pentachlorophenol	16.804	266		813m	0.119	ng/ul	
15) Phenanthrene	17.184	178		244461m	4.773	ng/ul	
16) Anthracene	17.272	178		31602m	0.652	ng/ul	
19) Fluoranthene	19.197	202		55815	0.903	ng/ul	98
20) Pyrene	19.560	202		31760	0.478	ng/ul#	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102124\
Data File : BM048176.D
Acq On : 22 Oct 2024 04:29
Operator : RC/JU
Sample : P4380-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E27H6

Manual IntegrationsAPPROVED

Quant Time: Oct 22 04:57:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 23:11:55 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

