

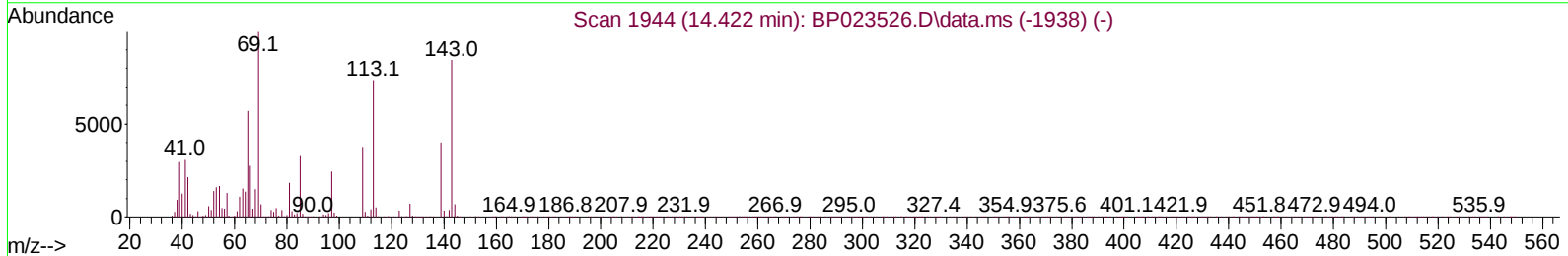
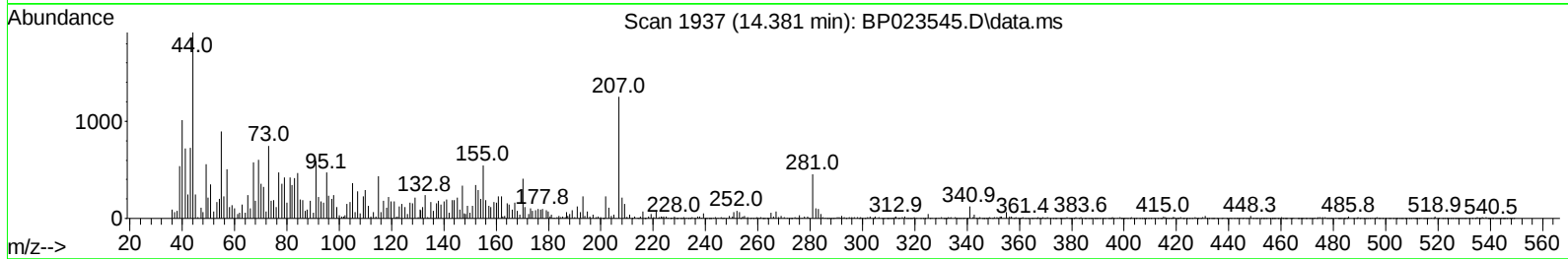
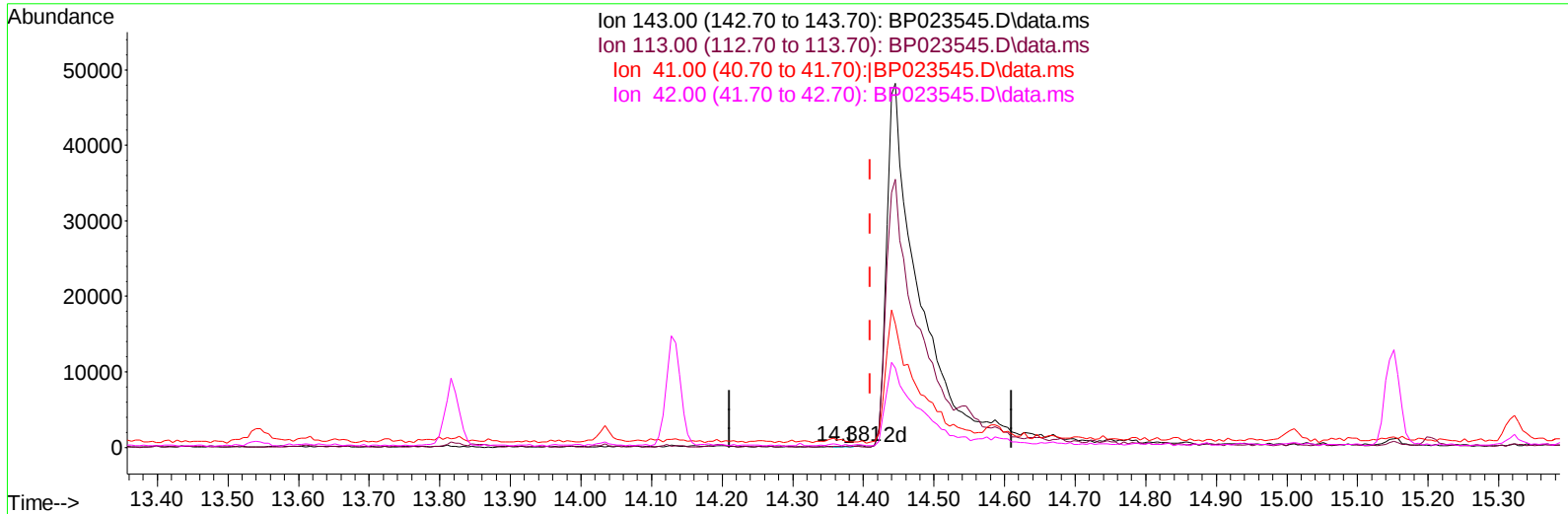
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2902

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

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



TIC: BP023545.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.381min (-0.029) 0.02 ng/u1

response 180

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	34.74#
41.00	45.60	380.00#
42.00	31.70	128.42#

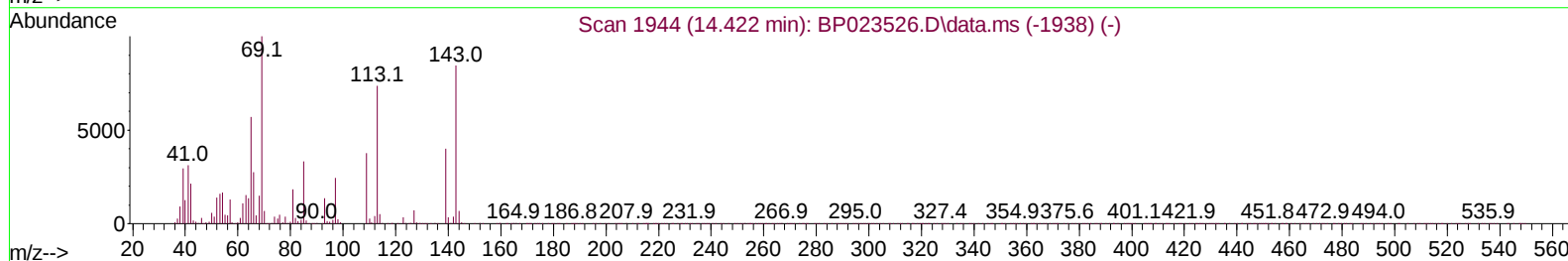
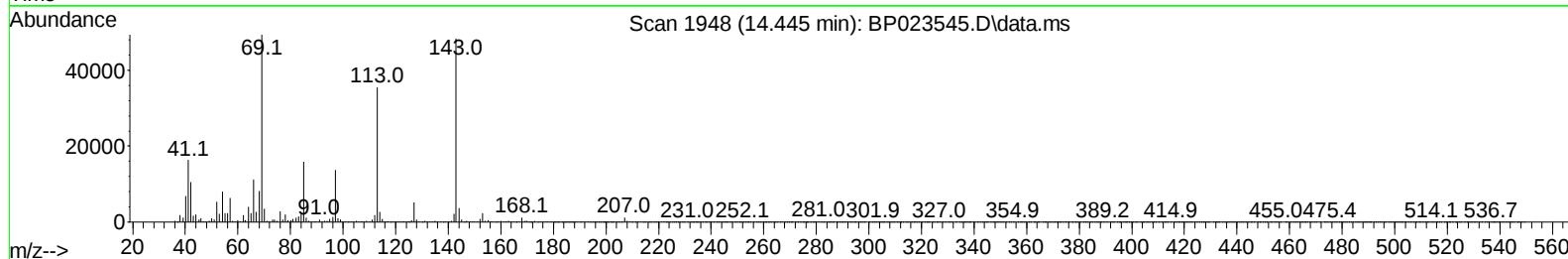
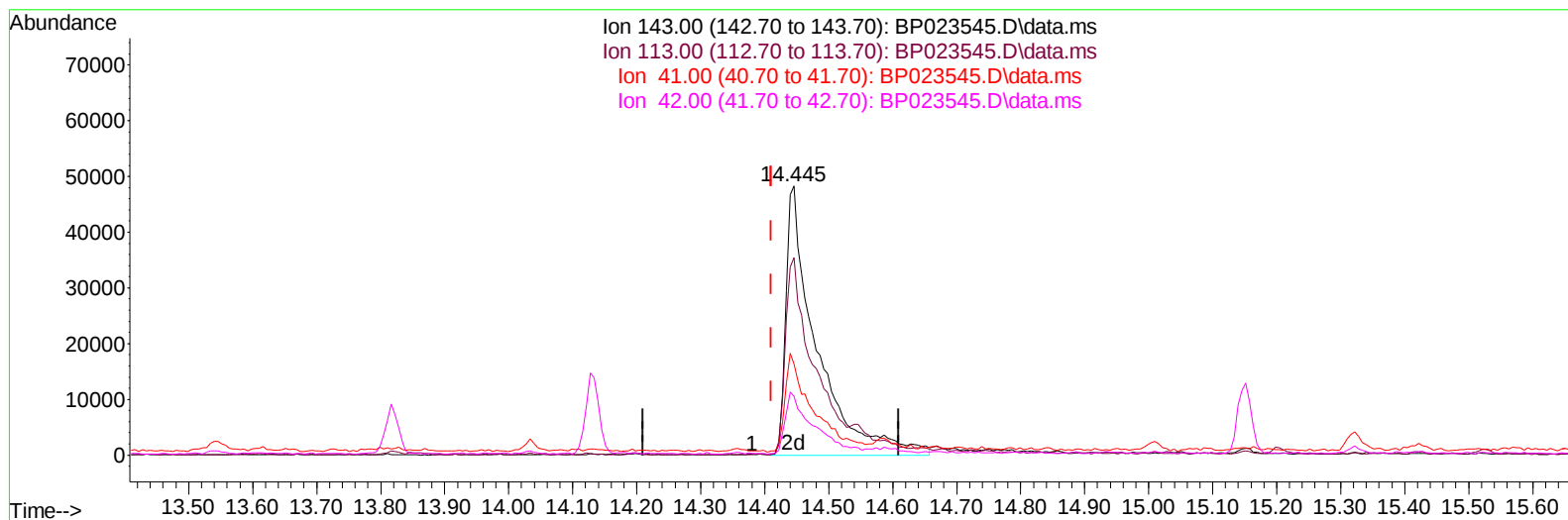
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BP023545.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.445min (+ 0.035) 18.99 ng/ul m

response 160471

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	106.10	73.51#
41.00	45.60	33.84#
42.00	31.70	21.72#

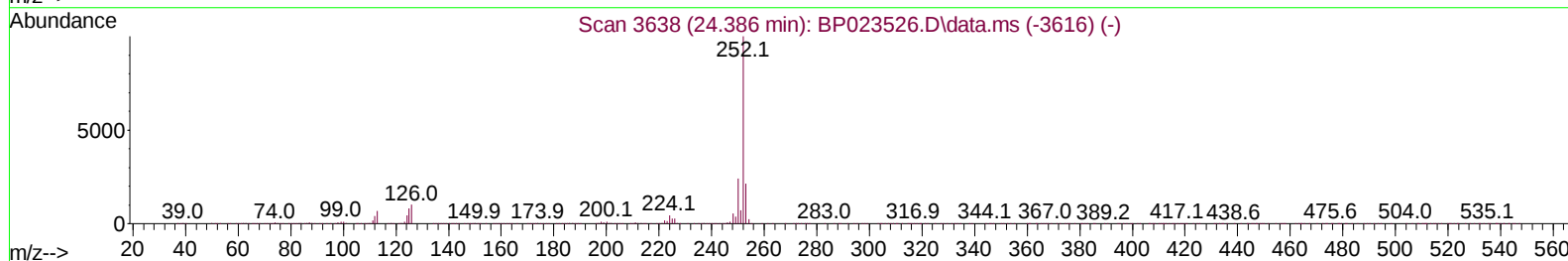
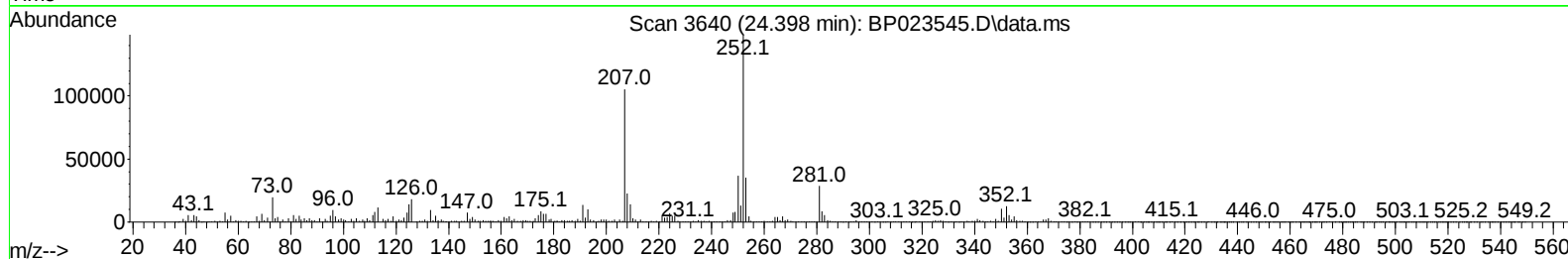
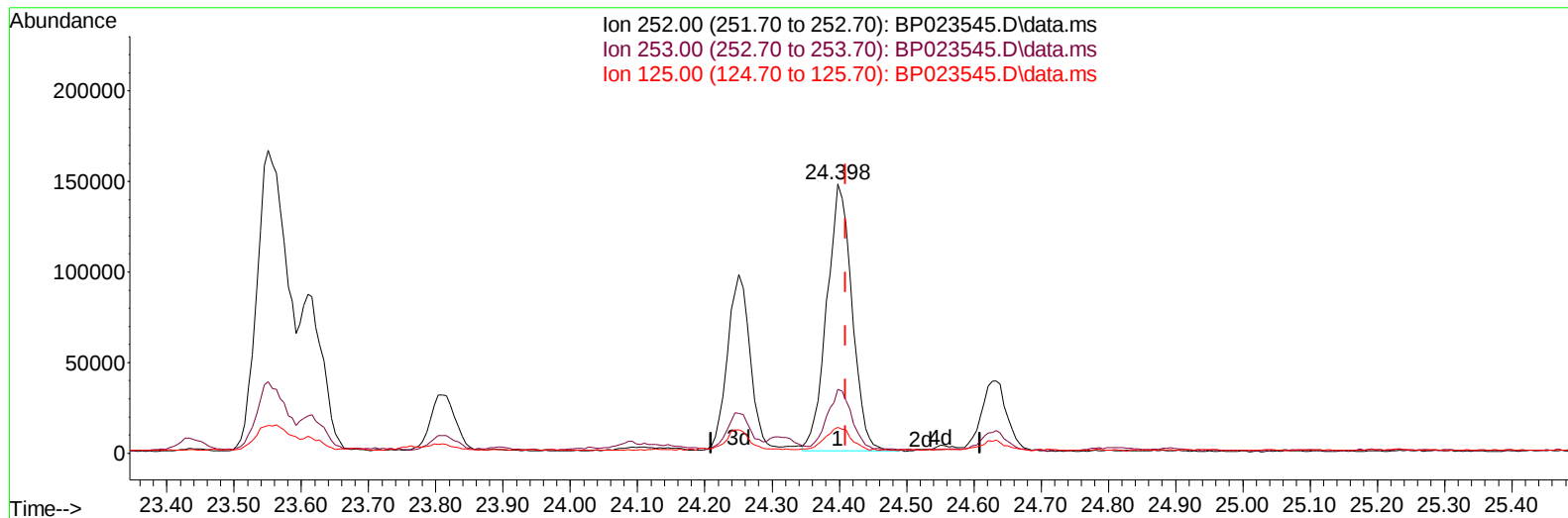
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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



TIC: BP023545.D\data.ms

(93) Benzo(a)pyrene (C)

24.398min (-0.012) 3.18 ng/u1

response 382630

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.74
125.00	6.20	9.59#
0.00	0.00	0.00

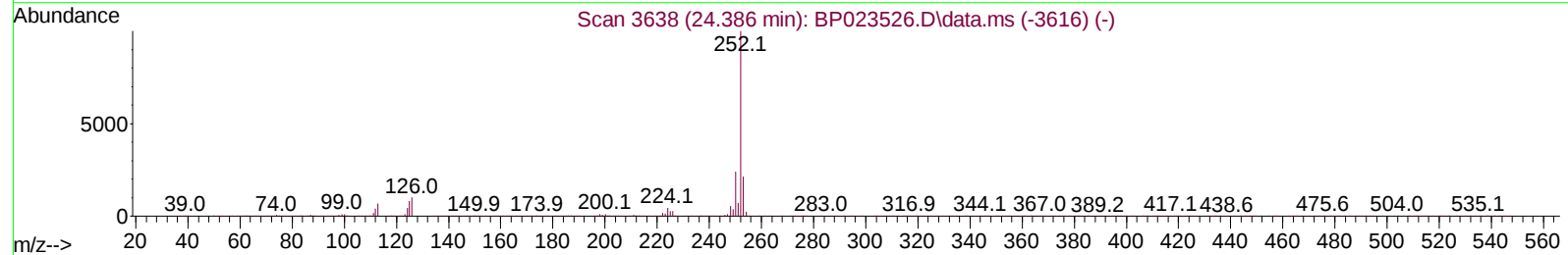
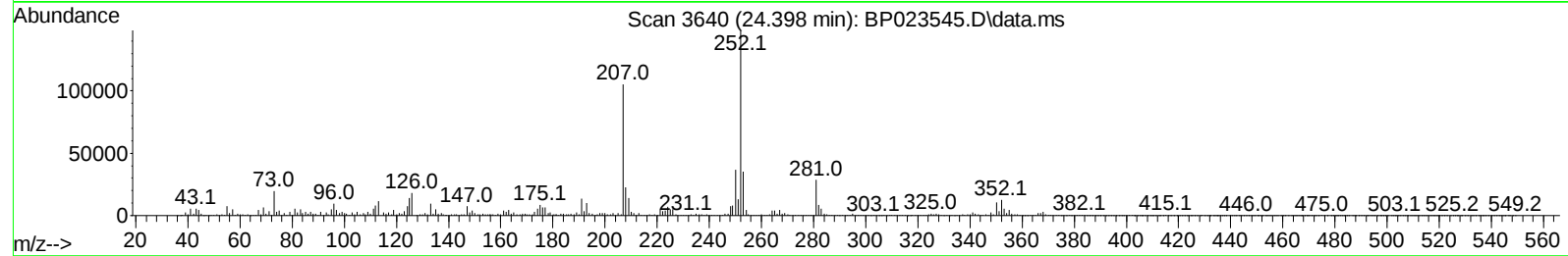
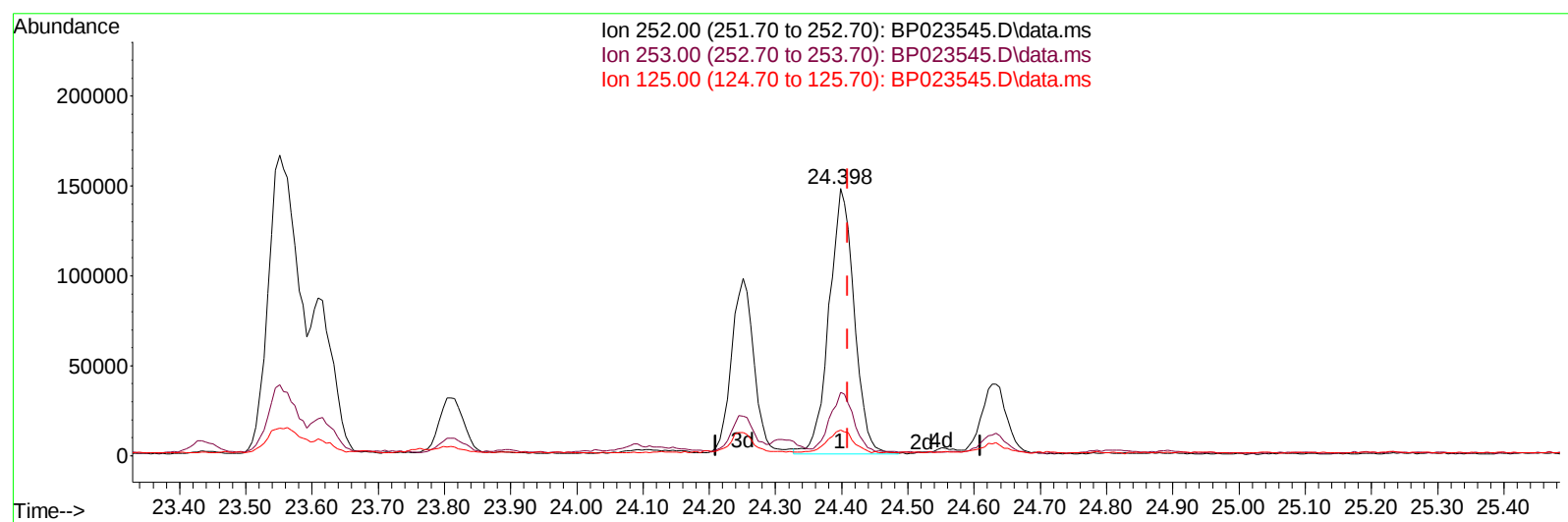
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023545.D
 Acq On : 20 Dec 2024 03:26
 Operator : RC/JU
 Sample : P5265-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2902

Manual IntegrationsAPPROVED

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 QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/21/2024
 Supervised By :mohammad ahmed 12/21/2024



TIC: BP023545.D\data.ms

(93) Benzo(a)pyrene (C)

24.398min (-0.012) 3.24 ng/ul m

response 389744

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.74
125.00	6.20	9.59#
0.00	0.00	0.00

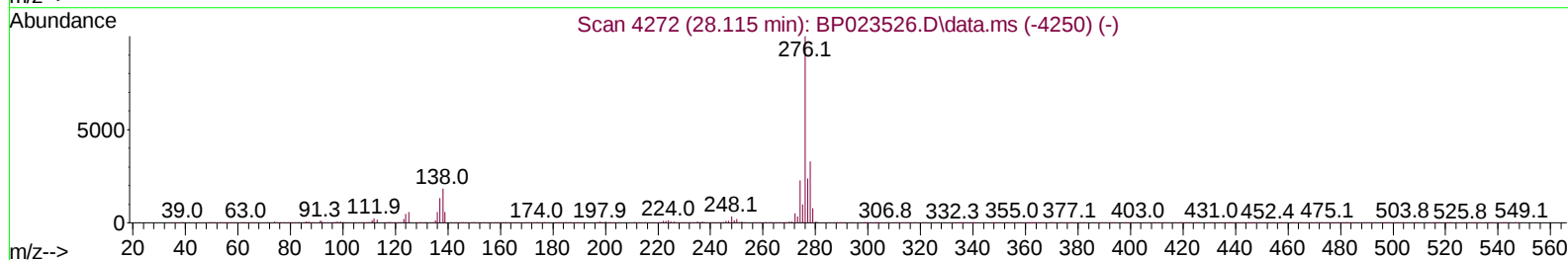
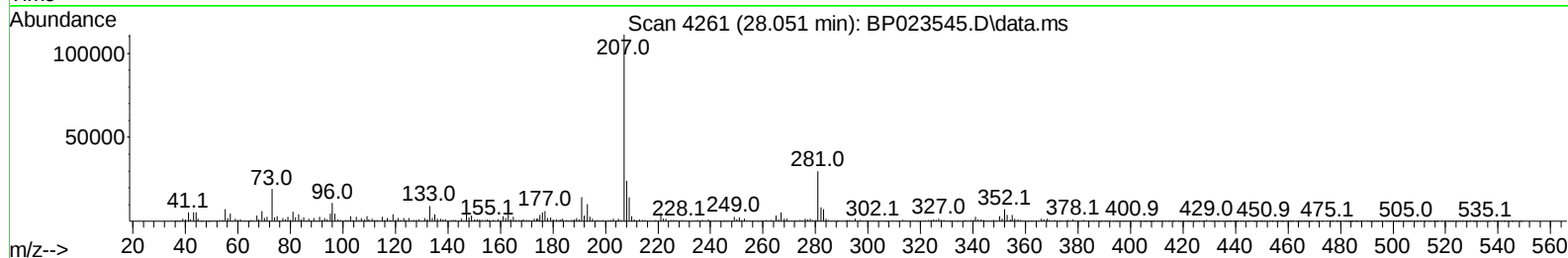
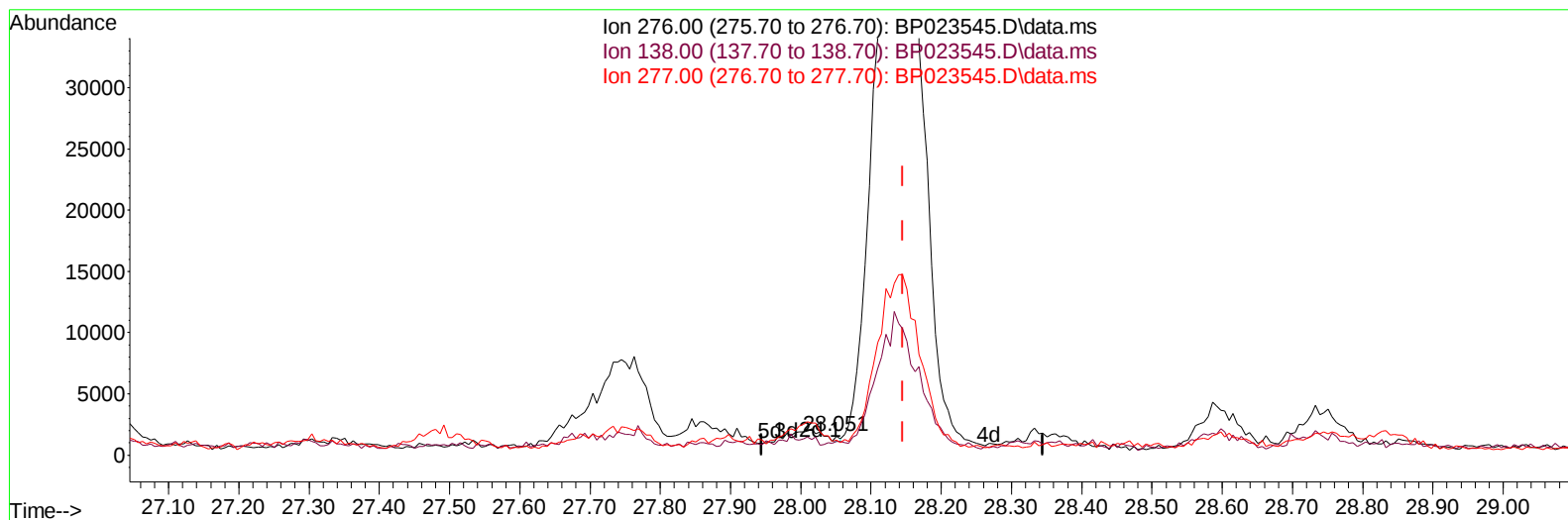
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
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ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BP023545.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.051min (-0.094) 0.00 ng/u1

response 225

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	72.08#
277.00	24.80	79.13#
0.00	0.00	0.00

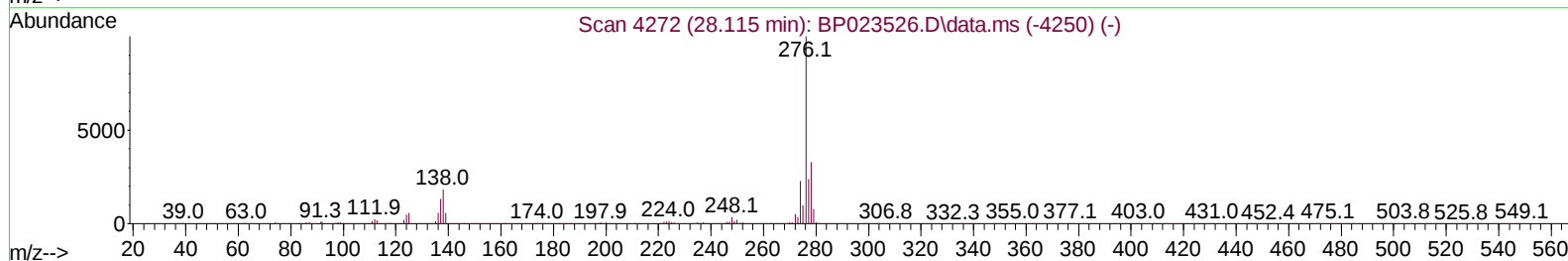
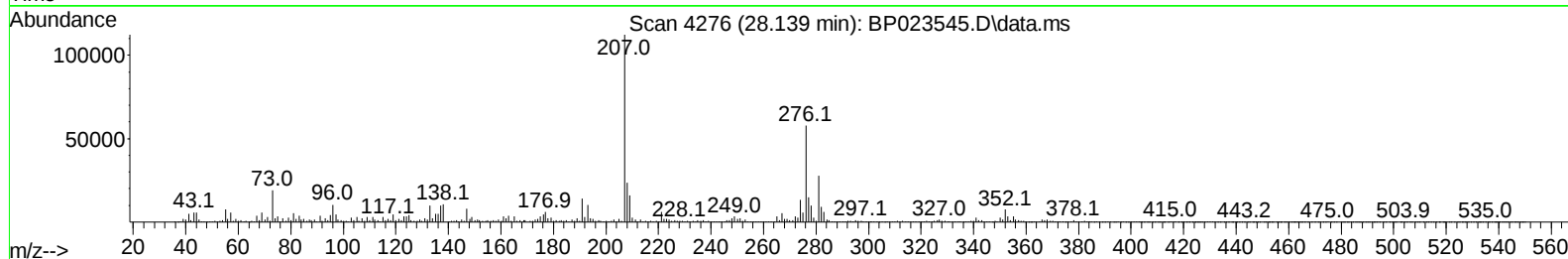
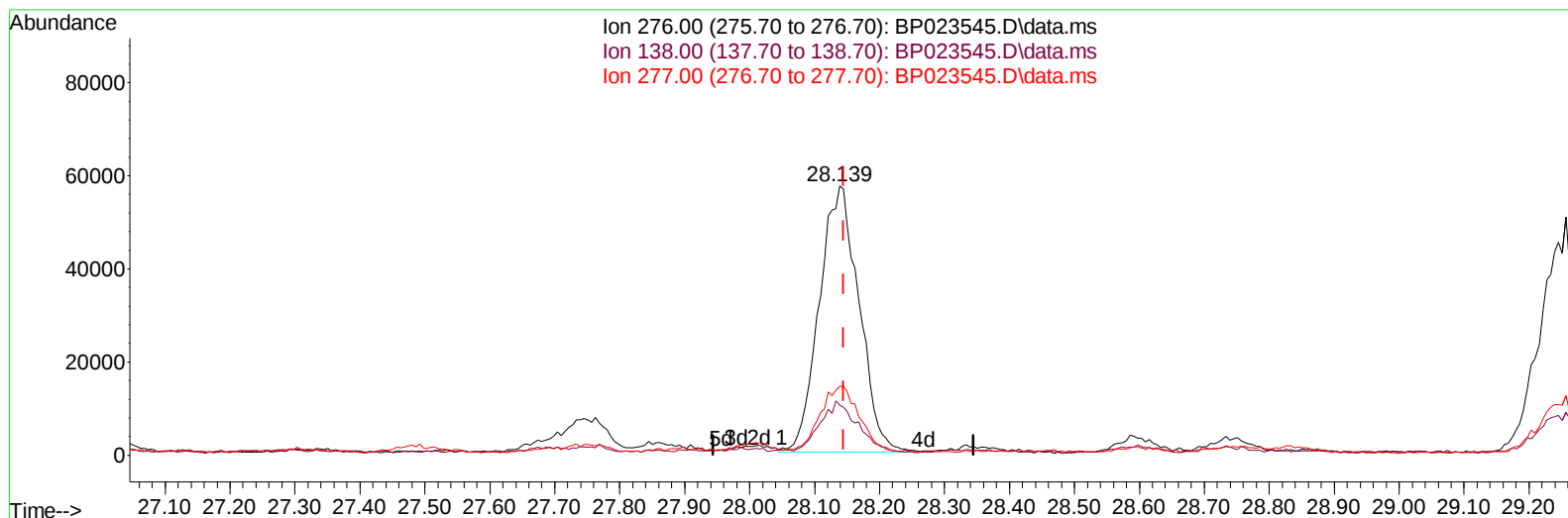
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2902

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
Response via : Initial Calibration

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



TIC: BP023545.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.139min (-0.006) 1.58 ng/ul m

response 243601

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	9.70	18.64#
277.00	24.80	25.51
0.00	0.00	0.00

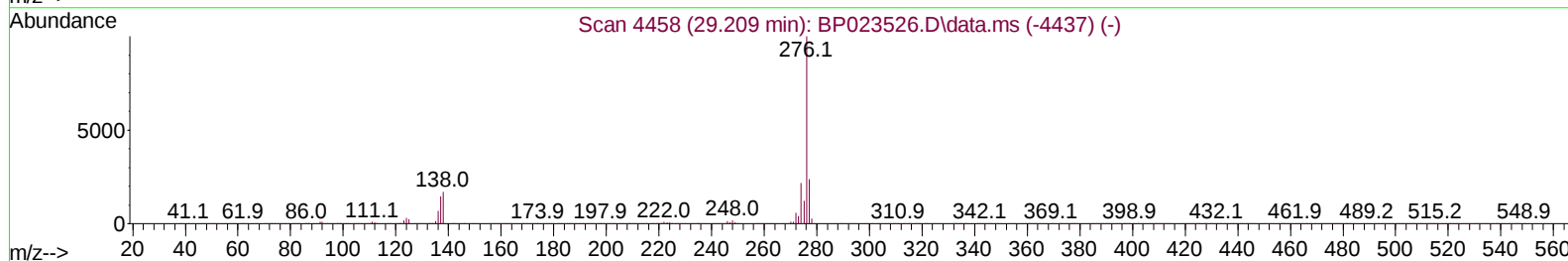
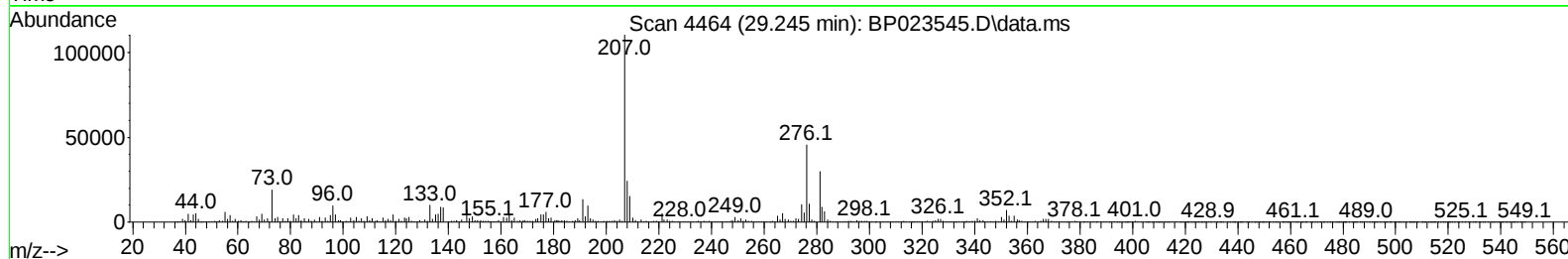
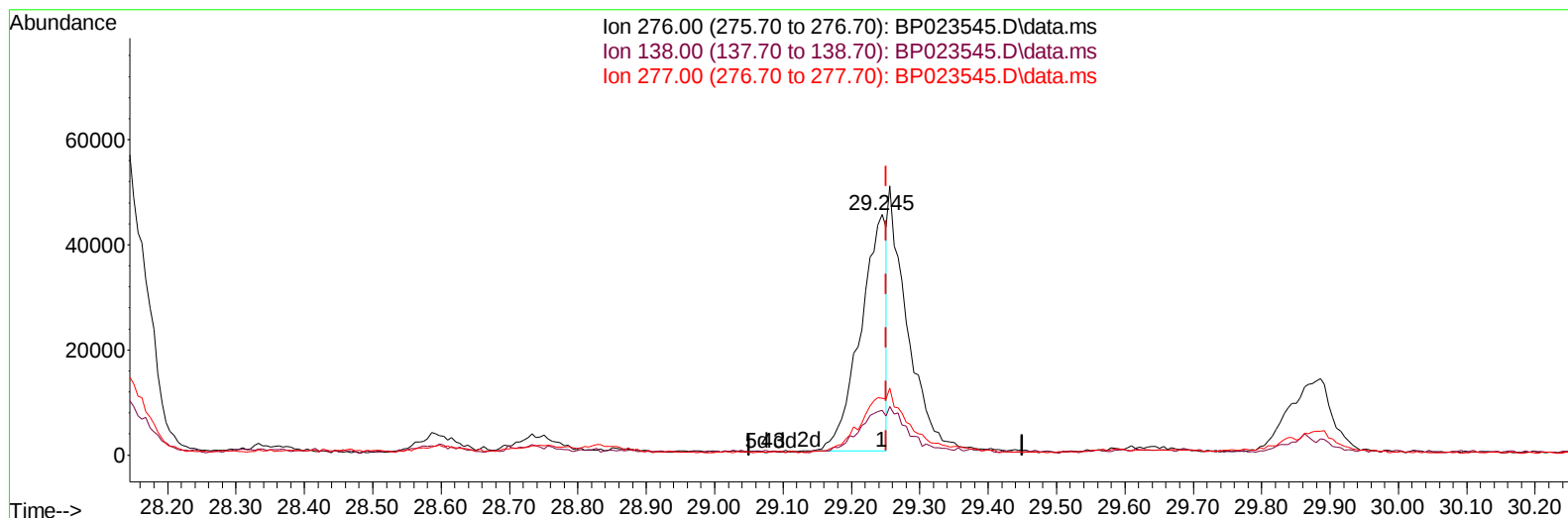
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2902

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:51:19 2024
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QLast Update : Wed Dec 11 00:30:30 2024
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Reviewed By :Yogesh Patel 12/21/2024
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TIC: BP023545.D\data.ms

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

29.245min (-0.006) 1.00 ng/u1

response 118936

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	18.59#
277.00	23.60	23.71
0.00	0.00	0.00

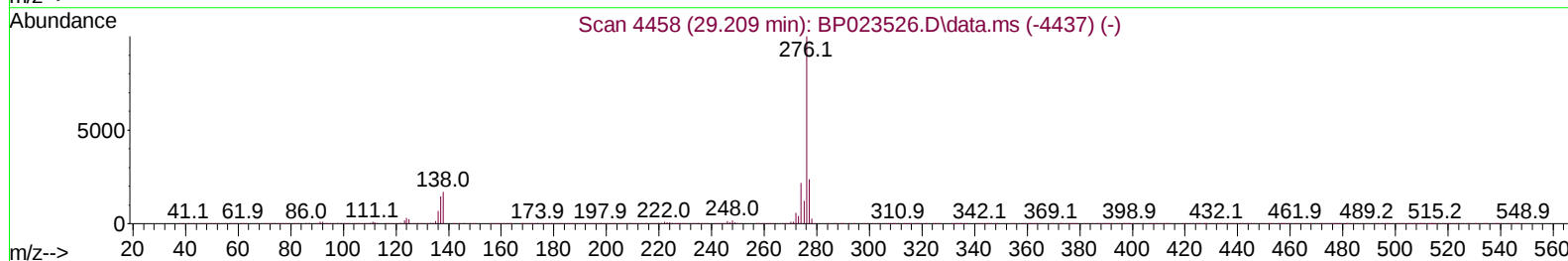
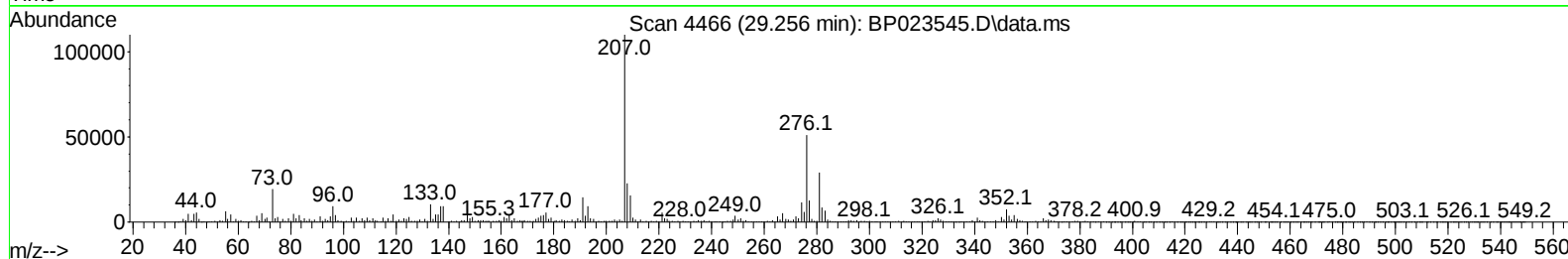
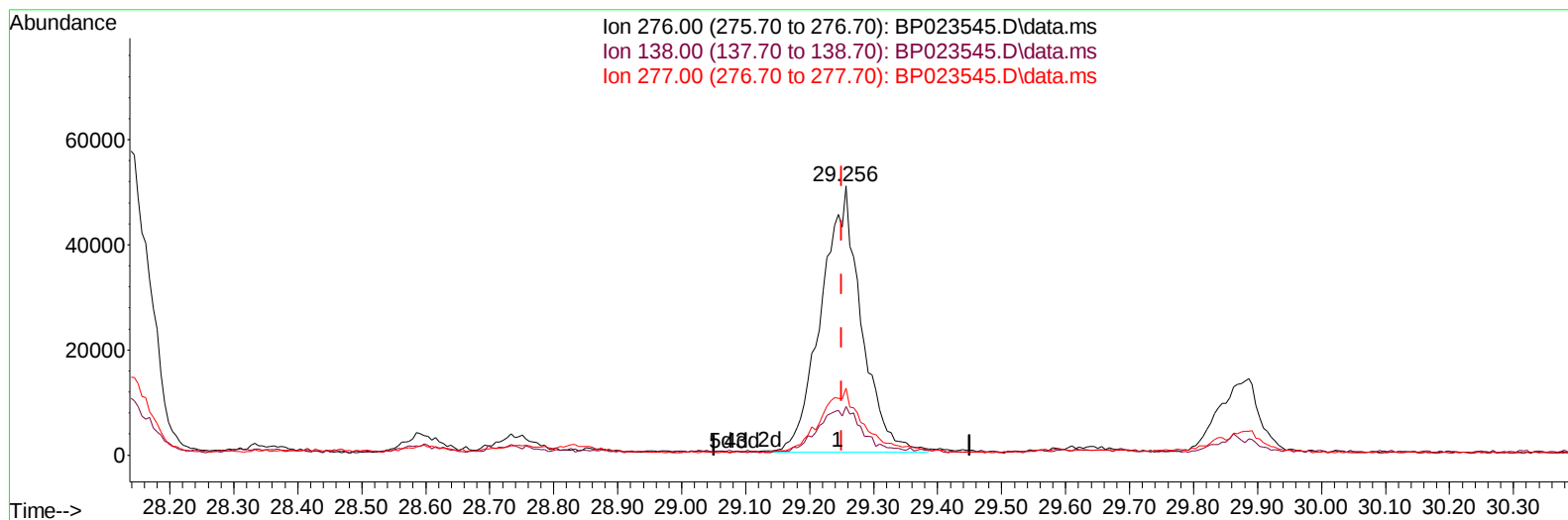
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
Data File : BP023545.D
Acq On : 20 Dec 2024 03:26
Operator : RC/JU
Sample : P5265-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E2902

Manual IntegrationsAPPROVED

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

Quant Time: Dec 20 03:51:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 11 00:30:30 2024
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TIC: BP023545.D\data.ms

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

29.256min (+ 0.006) 1.86 ng/ul m

response 219643

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	18.01#
277.00	23.60	24.99
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121824\
 Data File : BP023545.D
 Acq On : 20 Dec 2024 03:26
 Operator : RC/JU
 Sample : P5265-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2902

Manual IntegrationsAPPROVED

Quant Time: Dec 20 03:55:13 2024
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Reviewed By :Yogesh Patel 12/21/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	316561	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.257	136	1234722	20.000	ng/ul	#-0.02
38) Acenaphthene-d10	14.134	164	888349	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.939	188	1956935	20.000	ng/ul	#-0.02
79) Chrysene-d12	21.386	240	1982243	20.000	ng/ul	# 0.00
88) Perylene-d12	24.551	264	2111431	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	23921	2.782	ng/uL	-0.01
4) Pyridine-d5	3.511	84	315017	14.247	ng/ul	0.00
7) Phenol-d5	6.740	99	465600	18.745	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.875	67	298748	19.064	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.075	132	336505	18.356	ng/ul	-0.01
15) 4-Methylphenol-d8	8.246	113	347863	17.353	ng/ul	-0.01
21) Nitrobenzene-d5	8.663	128	162000	17.570	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.375	143	191604	18.031	ng/ul	-0.02
28) 2,4-Dichlorophenol-d3	9.922	165	375988	16.765	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.428	131	397707	15.829	ng/ul	-0.01
46) Dimethylphthalate-d6	13.546	166	1203041	17.445	ng/ul	-0.01
49) Acenaphthylene-d8	13.816	160	1313791	18.061	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.445	143	160471m	18.989	ng/ul	0.04
60) Fluorene-d10	15.151	176	991696	16.349	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.322	200	86104	7.280	ng/ul	0.01
73) Anthracene-d10	17.045	188	1587350	17.773	ng/ul	0.00
81) Pyrene-d10	19.433	212	1715098	16.561	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.321	264	1409882	12.474	ng/ul	-0.02
Target Compounds						
					Qvalue	
52) Acenaphthene	14.193	153	65331	1.207	ng/ul	99
61) Fluorene	15.204	166	82208	1.228	ng/ul	100
72) Phenanthrene	16.981	178	1047888	10.358	ng/ul	99
74) Anthracene	17.087	178	305098	3.016	ng/ul	98
77) Carbazole	17.381	167	152616	1.852	ng/ul	99
80) Fluoranthene	19.081	202	1241642	10.463	ng/ul#	92
82) Pyrene	19.463	202	999135	7.934	ng/ul#	91
85) Benzo(a)anthracene	21.363	228	504450	3.795	ng/ul	99
87) Chrysene	21.427	228	423017	3.321	ng/ul	97
90) Benzo(b)fluoranthene	23.551	252	510995	3.852	ng/ul#	94
91) Benzo(k)fluoranthene	23.610	252	197632	1.497	ng/ul#	94
93) Benzo(a)pyrene	24.398	252	389744m	3.240	ng/ul	
94) Indeno(1,2,3-cd)pyrene	28.139	276	243601m	1.576	ng/ul	
96) Benzo(g,h,i)perylene	29.256	276	219643m	1.856	ng/ul	

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

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