

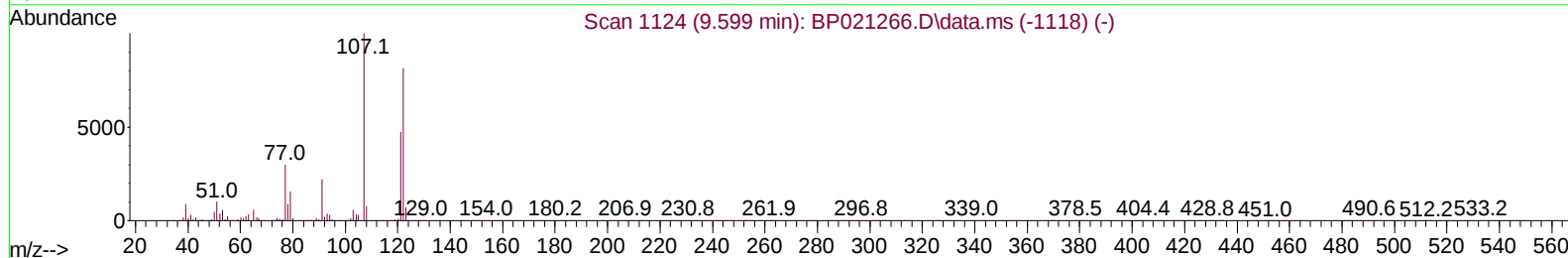
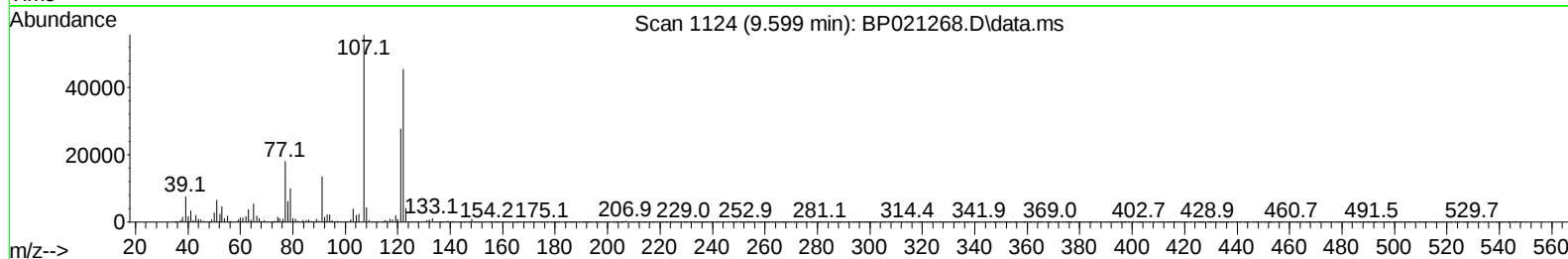
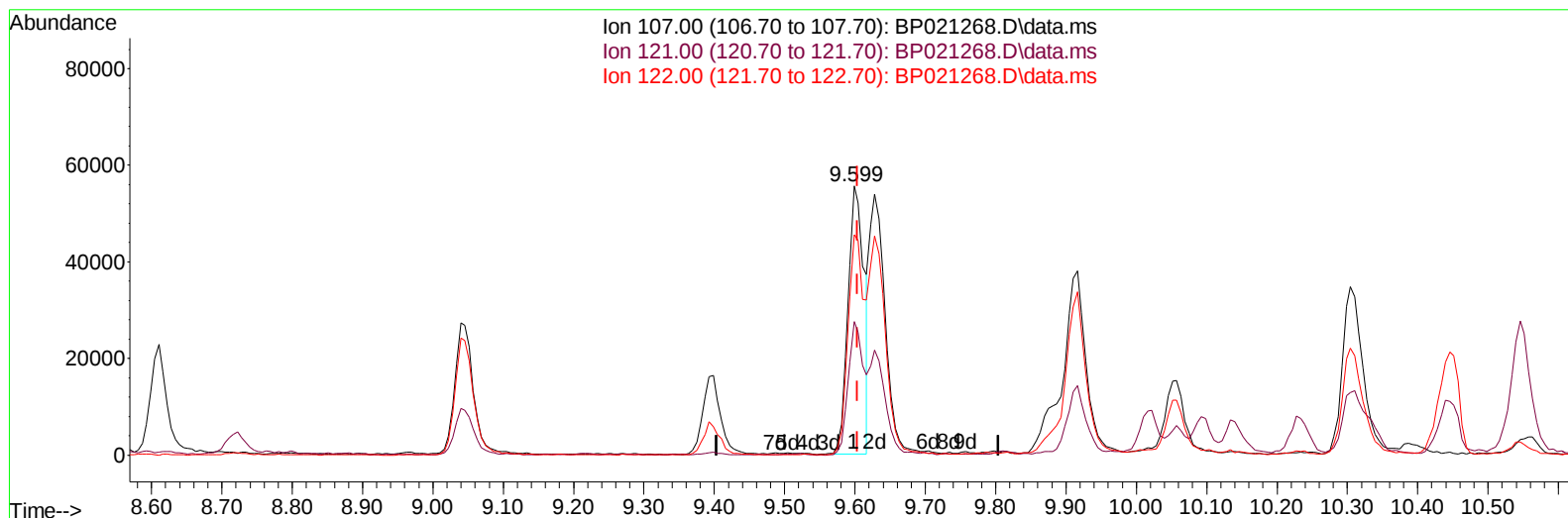
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 01:01:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

(26) 2,4-Dimethylphenol

9.599min (-0.006) 7.47 ng/u1

response 88358

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.50	49.71
122.00	82.90	81.84
0.00	0.00	0.00

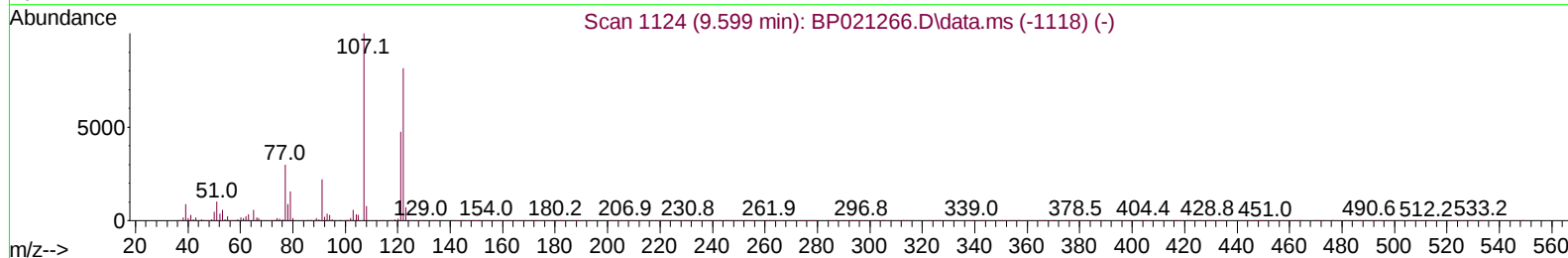
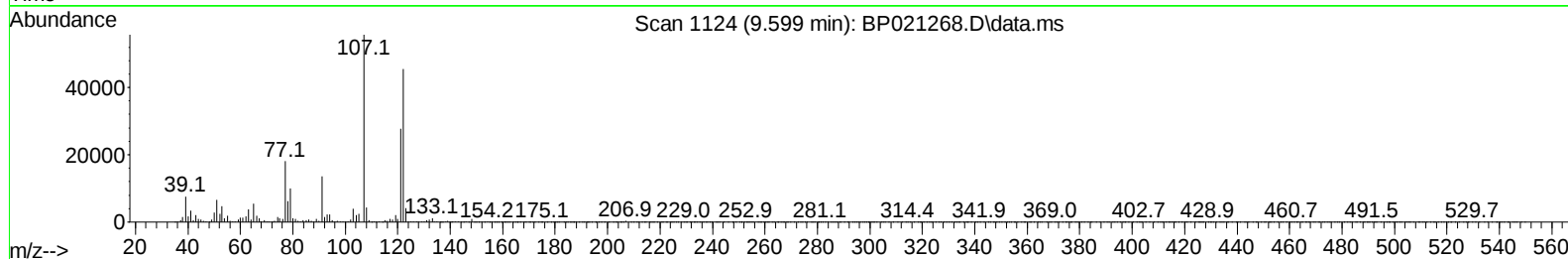
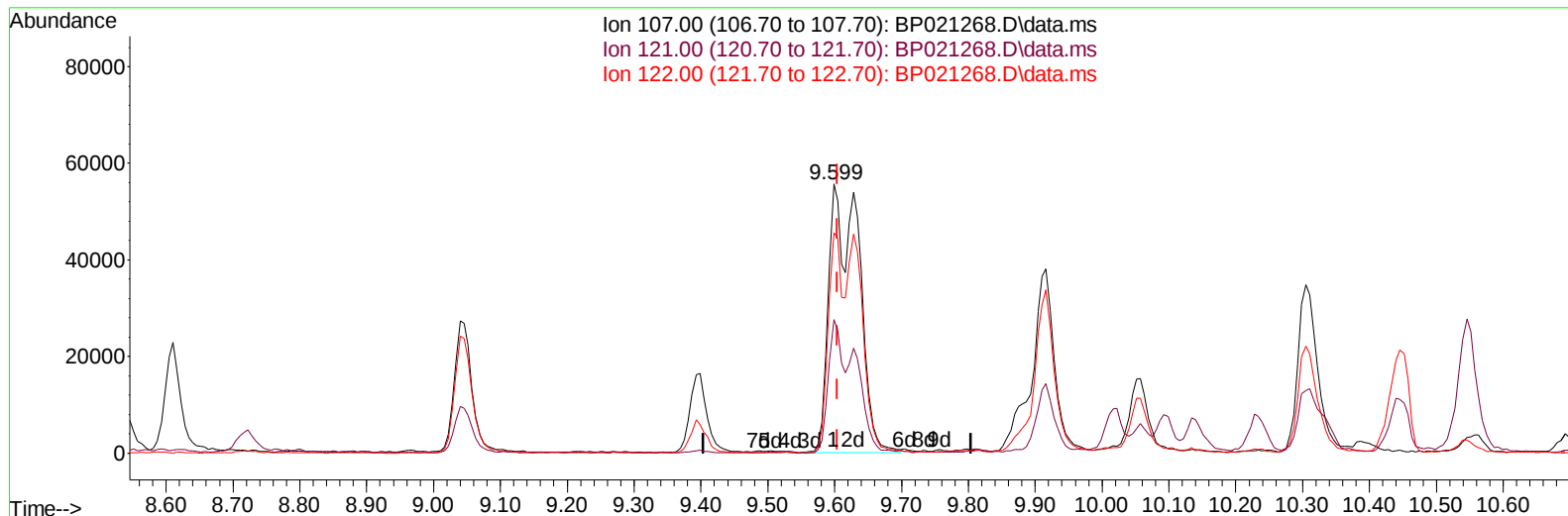
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Aug 01 01:01:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

(26) 2,4-Dimethylphenol

9.599min (-0.006) 14.58 ng/u1 m

response 172460

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	49.50	49.71
122.00	82.90	81.84
0.00	0.00	0.00

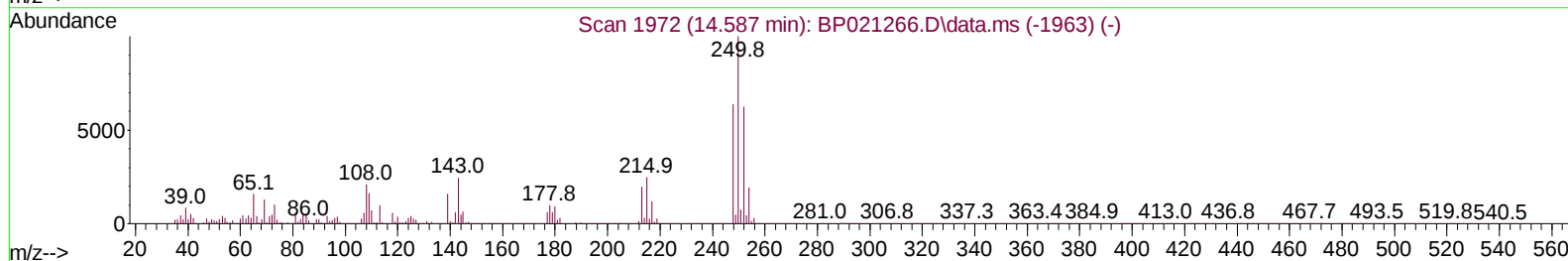
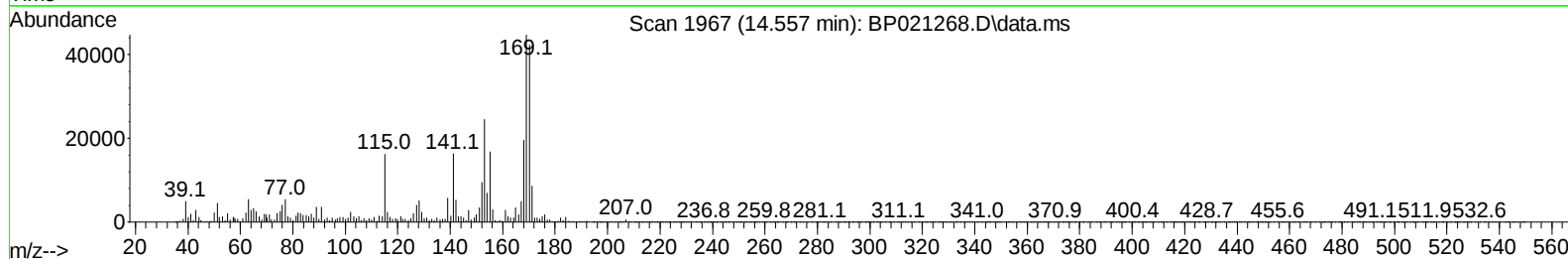
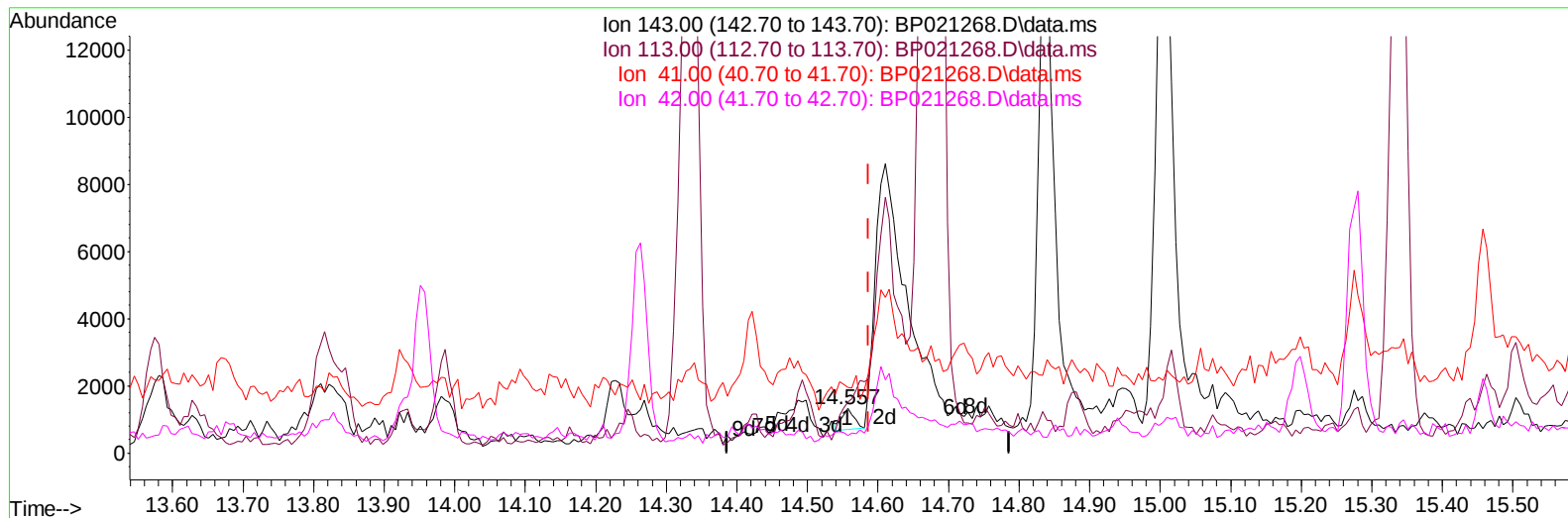
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
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TIC: BP021268.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.557min (-0.029) 0.19 ng/u1

response 745

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	114.36#
41.00	37.90	148.15#
42.00	27.10	38.85#

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_P

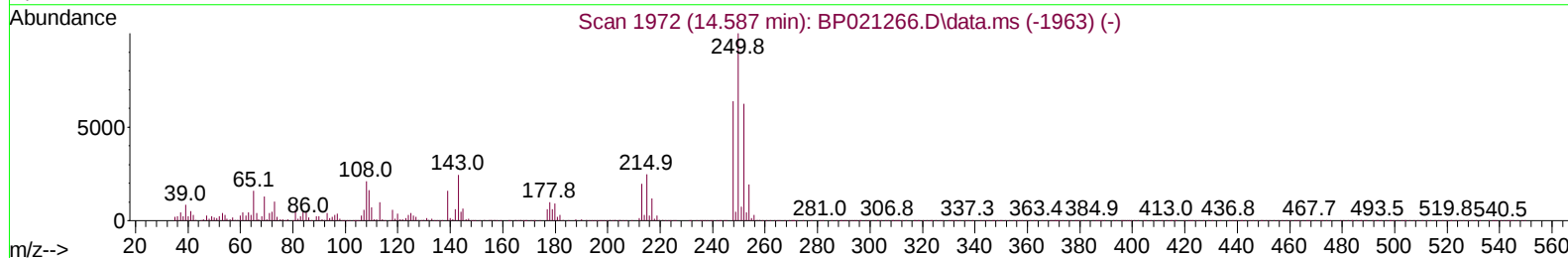
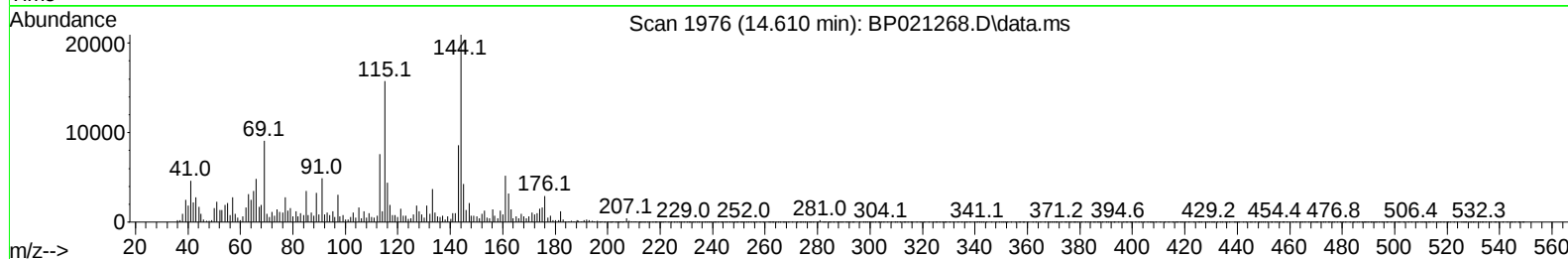
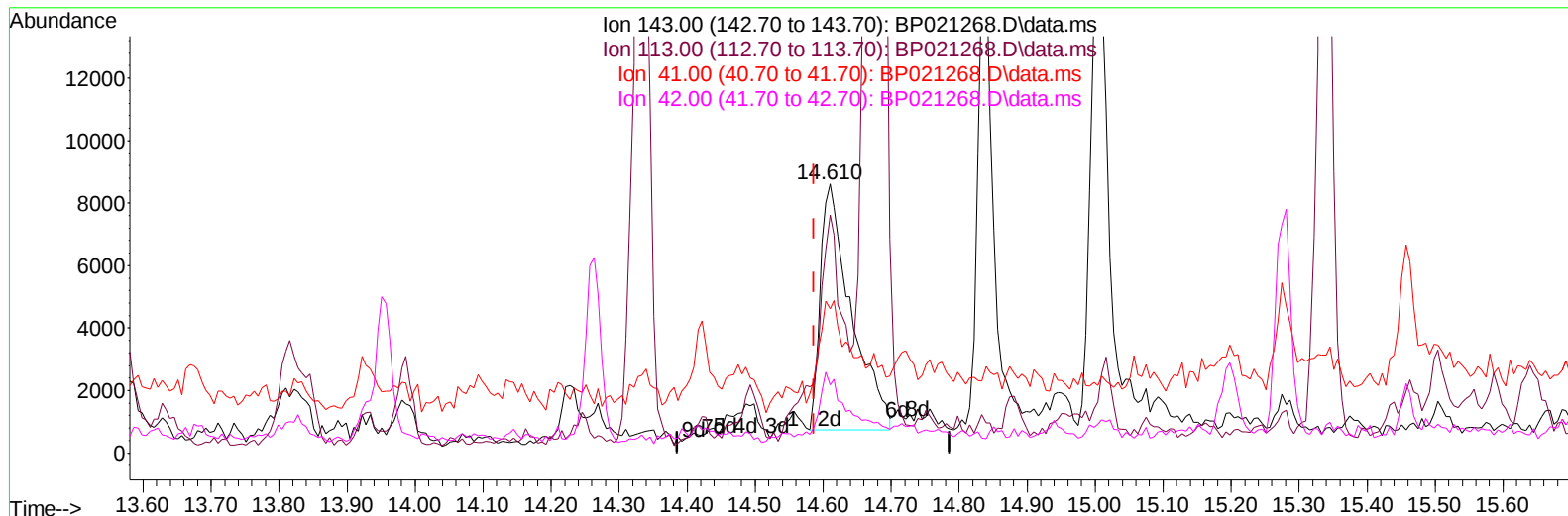
ClientSampleId :

C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:56:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
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TIC: BP021268.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.610min (+ 0.024) 6.18 ng/ul m

response 24737

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	88.42
41.00	37.90	53.73#
42.00	27.10	25.31

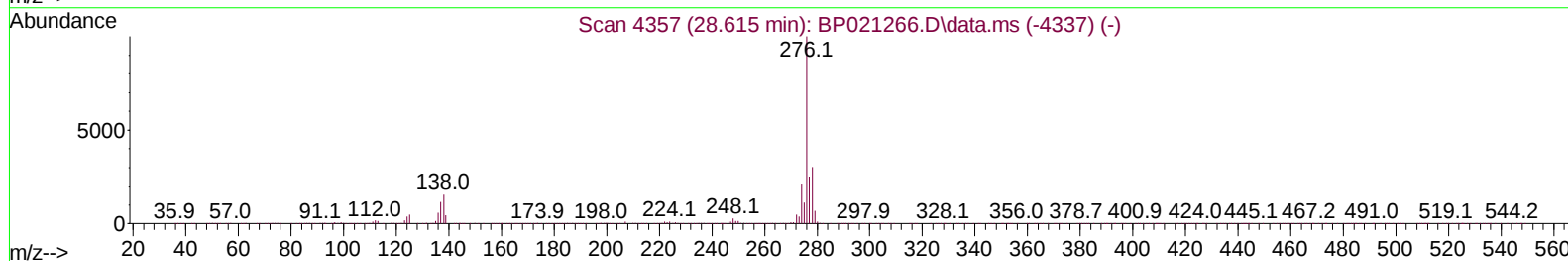
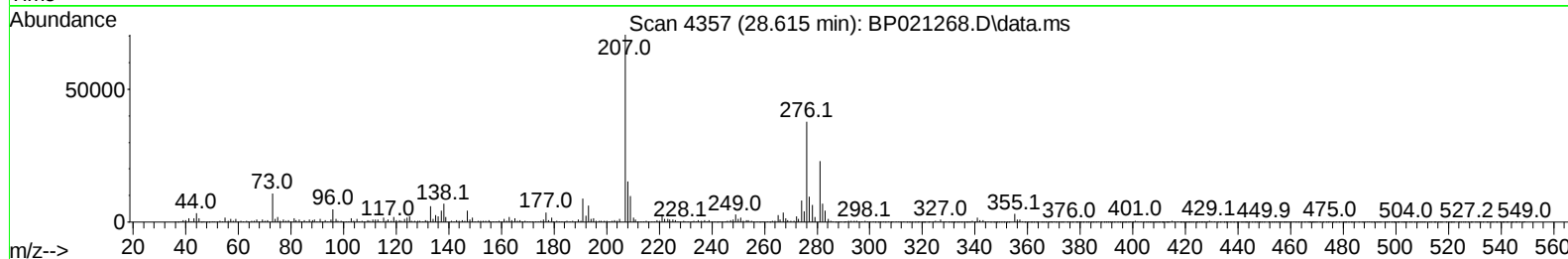
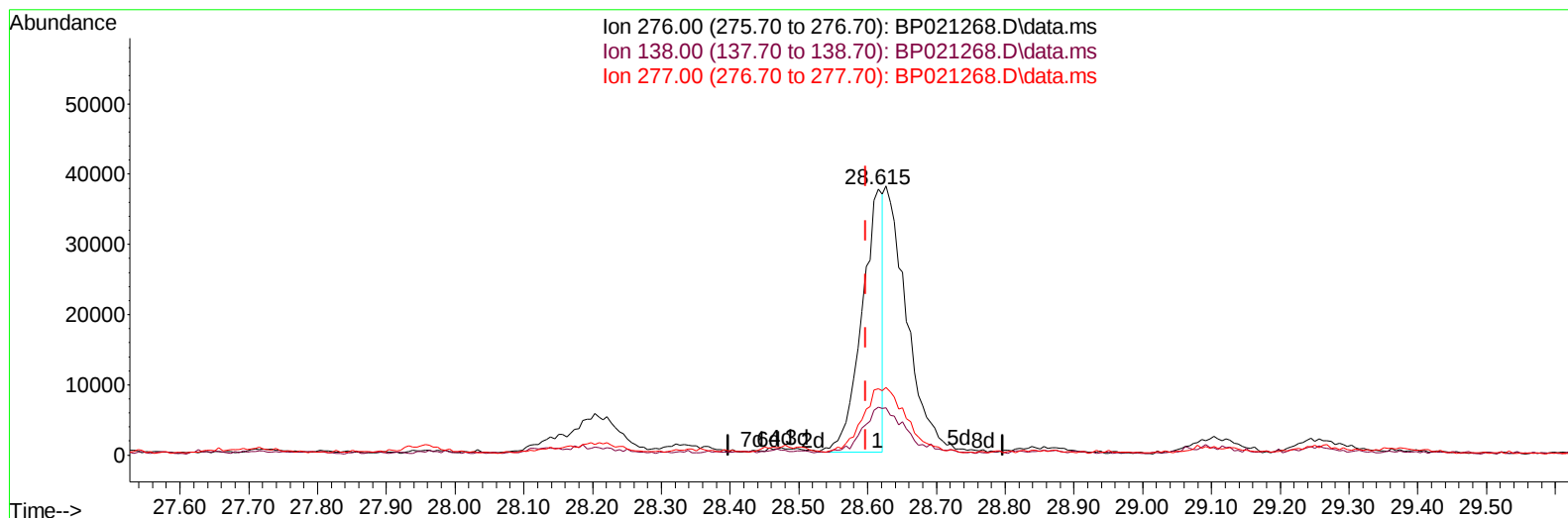
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:45:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

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

28.615min (+ 0.018) 0.86 ng/u1

response 80376

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	18.06
277.00	24.00	25.03
0.00	0.00	0.00

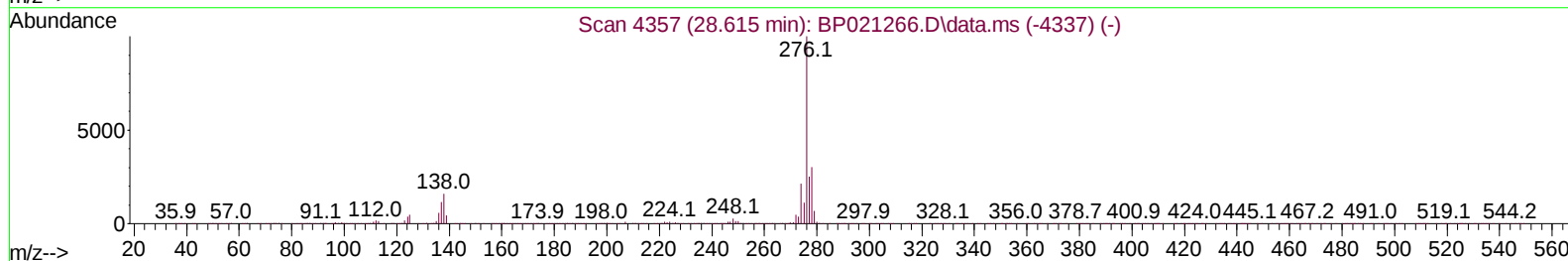
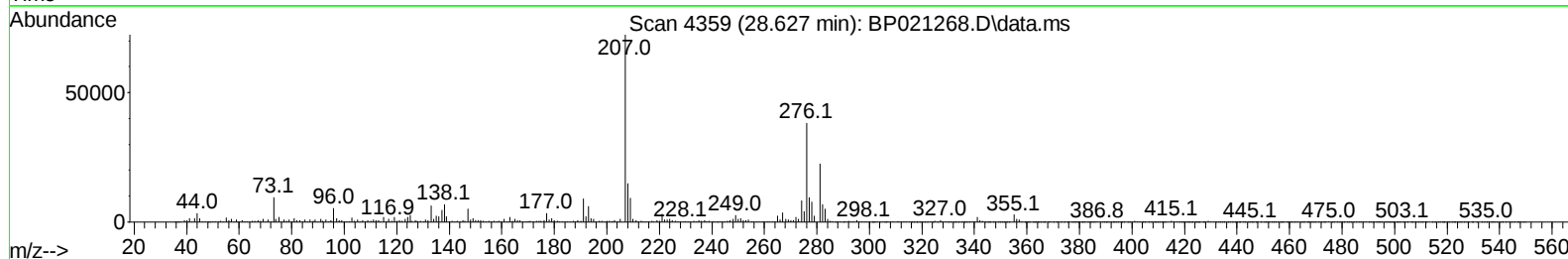
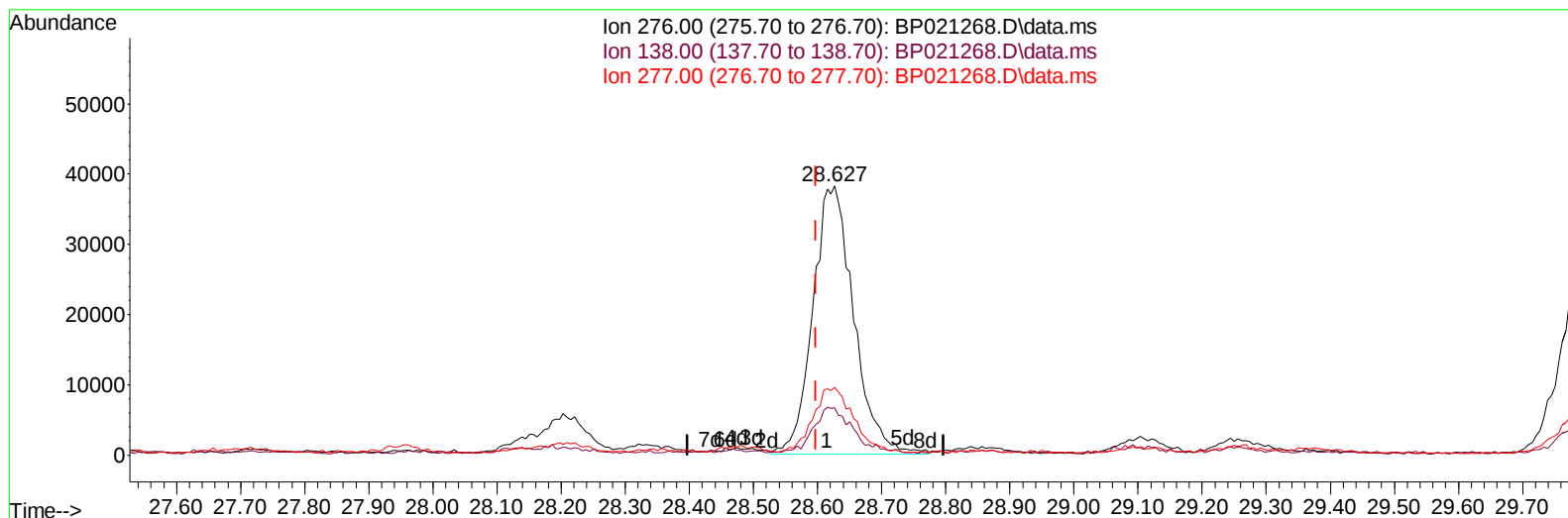
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:45:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

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

28.627min (+ 0.030) 1.80 ng/ul m

response 168857

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	17.68
277.00	24.00	25.15
0.00	0.00	0.00

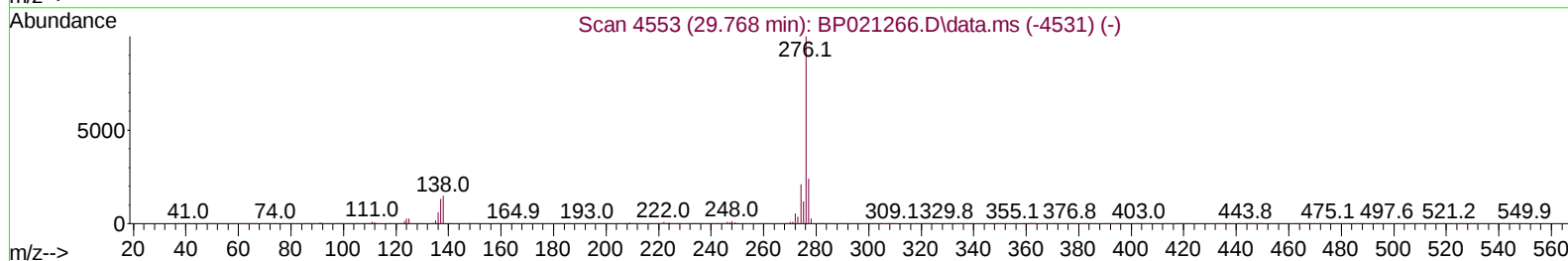
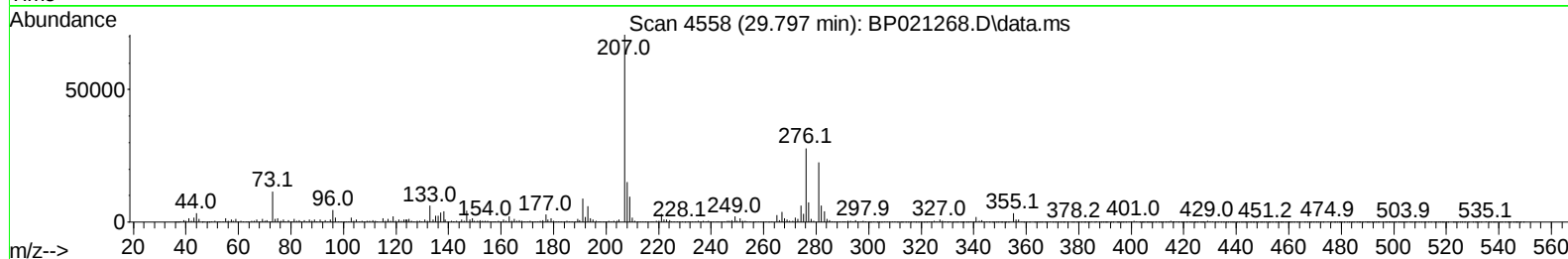
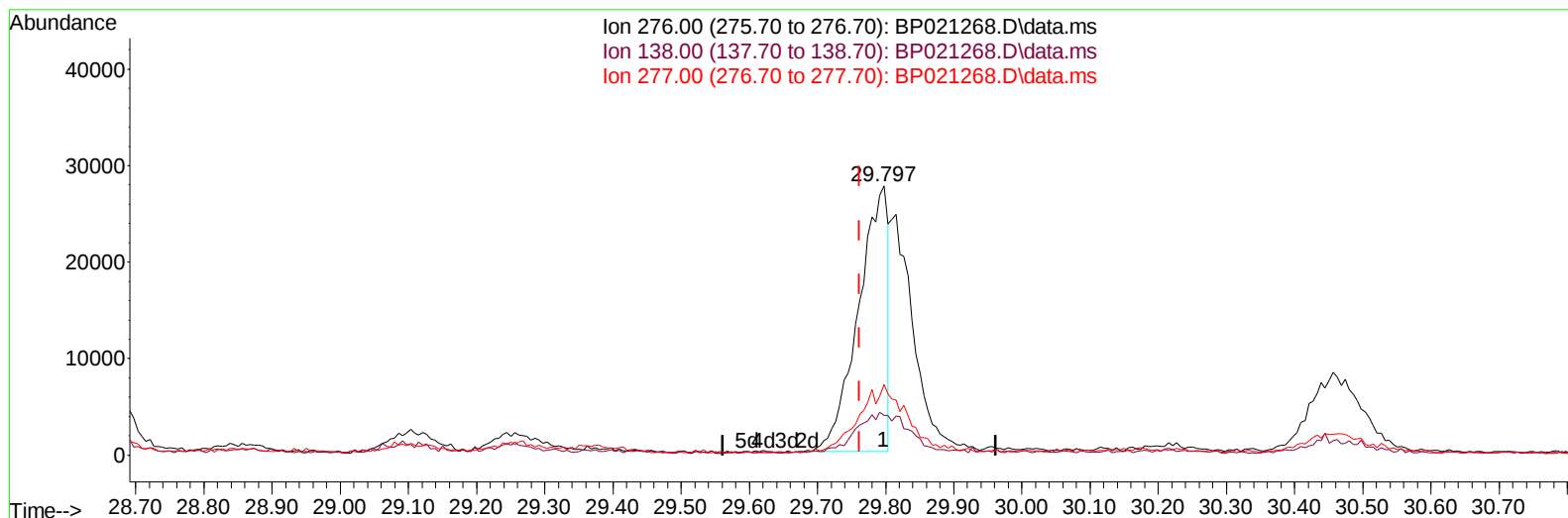
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:45:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

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

29.797min (+ 0.036) 1.08 ng/u1

response 82154

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.67#
277.00	22.70	26.41
0.00	0.00	0.00

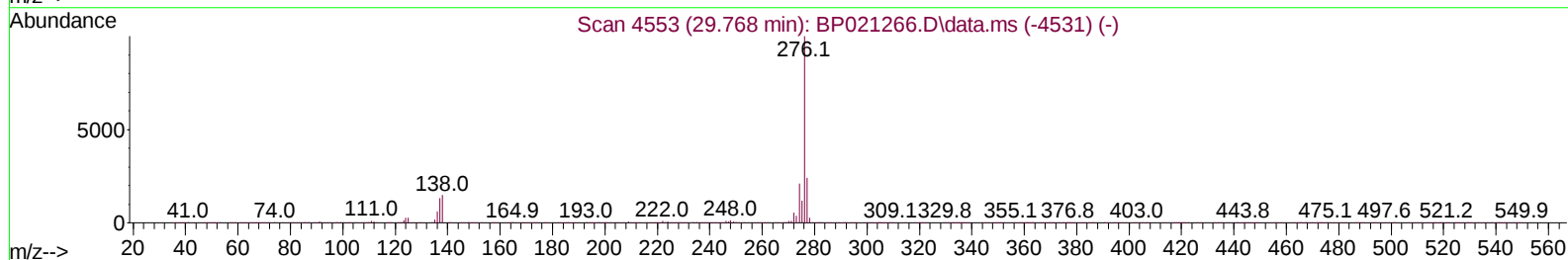
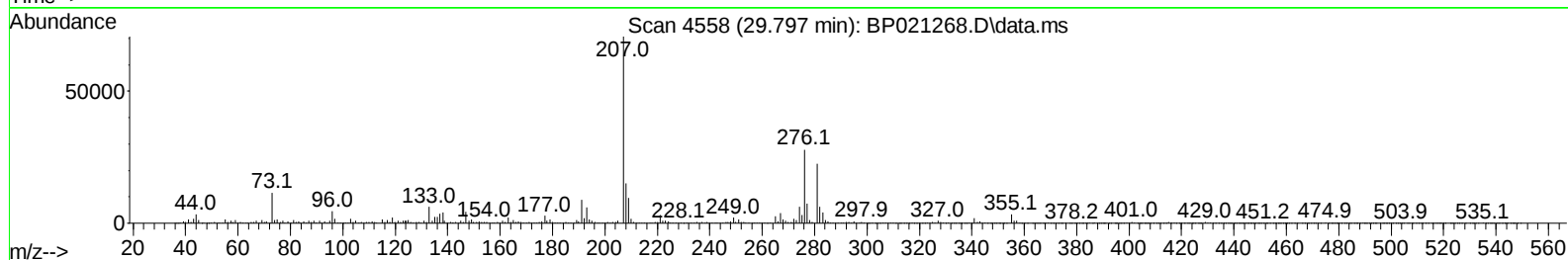
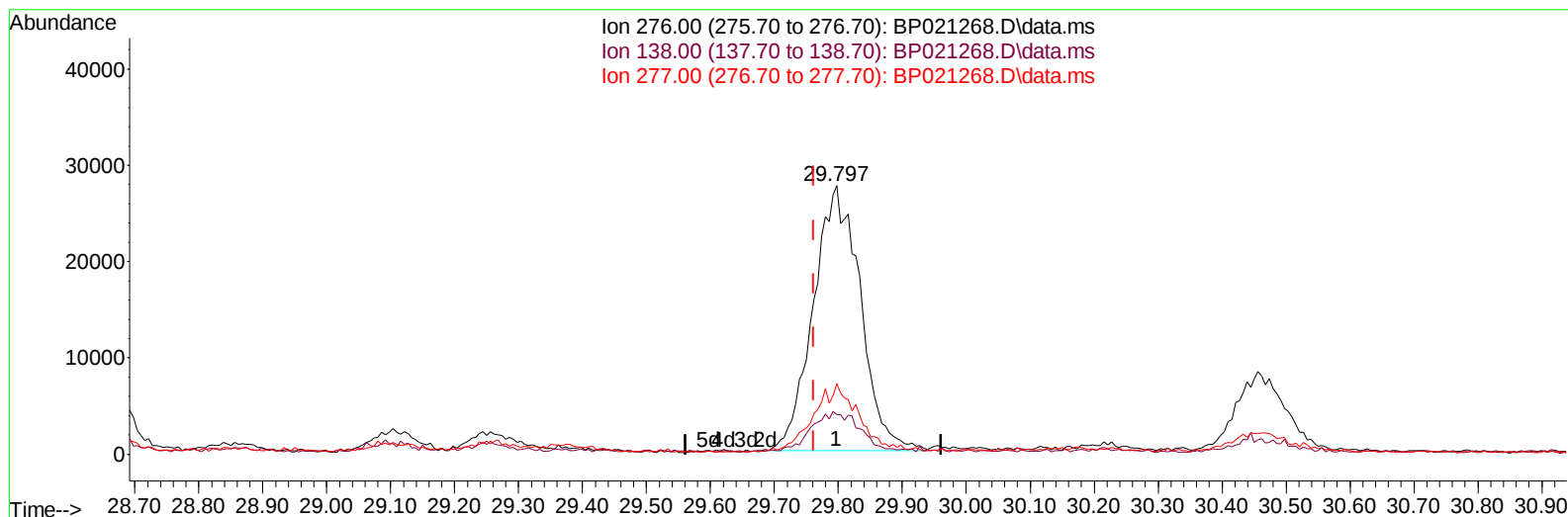
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021268.D
Acq On : 31 Jul 2024 20:03
Operator : CG/JU
Sample : P3347-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 00:45:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024



TIC: BP021268.D\data.ms

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

29.797min (+ 0.036) 1.83 ng/u1 m

response 139948

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	14.67#
277.00	22.70	26.41
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
 Data File : BP021268.D
 Acq On : 31 Jul 2024 20:03
 Operator : CG/JU
 Sample : P3347-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AY8

Manual IntegrationsAPPROVED

Quant Time: Aug 01 01:14:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 08/01/2024
 Supervised By :mohammad ahmed 09/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	179250	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.387	136	647066	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	387117	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	788930	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	979831	20.000	ng/ul	# 0.00
88) Perylene-d12	24.833	264	1267647	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	13880	3.524	ng/uL	0.00
4) Pyridine-d5	3.599	84	82684	7.251	ng/ul	0.00
7) Phenol-d5	6.852	99	114779	7.854	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.981	67	143938	16.253	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	218898	18.180	ng/ul	0.00
15) 4-Methylphenol-d8	8.352	113	190578	15.702	ng/ul	-0.01
21) Nitrobenzene-d5	8.793	128	102052	20.305	ng/ul	0.00
24) 2-Nitrophenol-d4	9.499	143	117993	20.512	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165	226175	21.744	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	312452	22.675	ng/ul	-0.01
46) Dimethylphthalate-d6	13.681	166	636186	22.607	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160	693437	21.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	24737m	6.178	ng/ul	0.02
60) Fluorene-d10	15.275	176	540671	23.419	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	97191	20.361	ng/ul	0.00
73) Anthracene-d10	17.192	188	859468	24.528	ng/ul	0.00
81) Pyrene-d10	19.586	212	1133688	18.715	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.610	264	1559191	24.939	ng/ul	0.01
Target Compounds						
					Qvalue	
8) Phenol	6.881	94	19531	1.321	ng/ul#	55
13) 2-Methylphenol	8.099	108	66380	5.804	ng/ul	100
18) 4-Methylphenol	8.440	108	22268	1.817	ng/ul	93
26) 2,4-Dimethylphenol	9.599	107	172460m	14.578	ng/ul	
30) Naphthalene	10.451	128	16112469	473.393	ng/ul	98
36) 2-Methylnaphthalene	12.051	142	1080957	46.267	ng/ul	99
37) 1-Methylnaphthalene	12.275	142	1215822	50.598	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	322783	11.409	ng/ul	100
50) Acenaphthylene	13.987	152	100529	2.810	ng/ul#	72
52) Acenaphthene	14.334	153	5119415	215.591	ng/ul	99
56) Dibenzofuran	14.675	168	1958139	60.218	ng/ul	96
61) Fluorene	15.339	166	1569414	59.144	ng/ul	99
72) Phenanthrene	17.139	178	5072149	123.933	ng/ul	99
74) Anthracene	17.228	178	829667	19.885	ng/ul	99
77) Carbazole	17.522	167	1148849	33.683	ng/ul	100
80) Fluoranthene	19.245	202	2751659	37.614	ng/ul	97
82) Pyrene	19.616	202	1907534	25.624	ng/ul	97
85) Benzo(a)anthracene	21.521	228	661490	9.637	ng/ul	98
87) Chrysene	21.586	228	524437	8.223	ng/ul	97
90) Benzo(b)fluoranthene	23.792	252	581117	7.554	ng/ul	99
91) Benzo(k)fluoranthene	23.851	252	186784	2.433	ng/ul	98
93) Benzo(a)pyrene	24.680	252	367061	5.049	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.627	276	168857m	1.803	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2024
Supervised By :mohammad ahmed 09/04/2024

Quant Time: Aug 01 01:14:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	29.797	276	139948m	1.834	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
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