

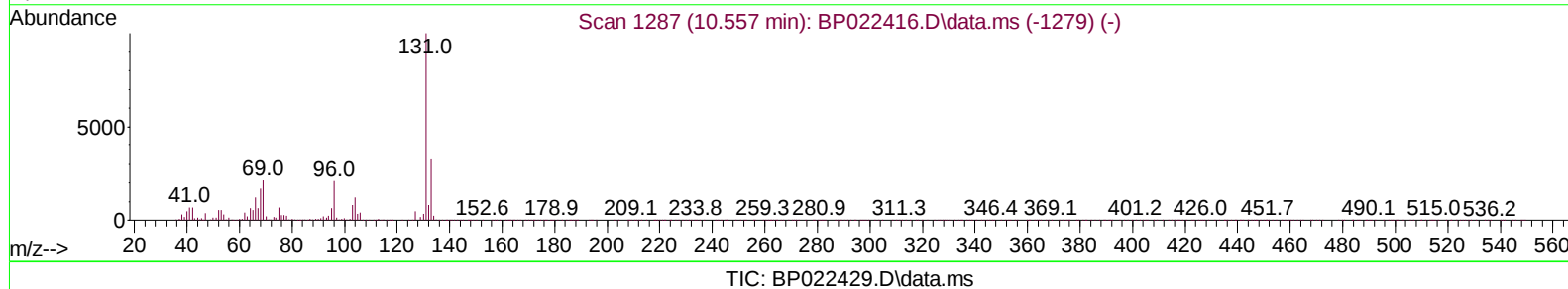
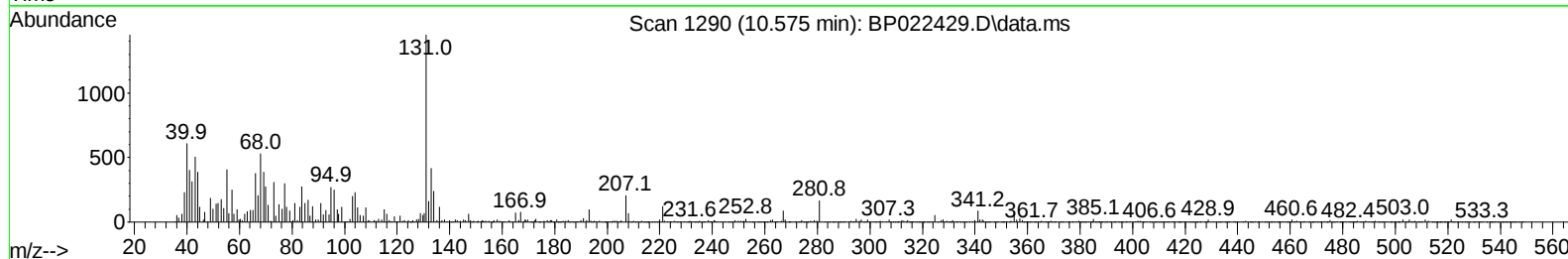
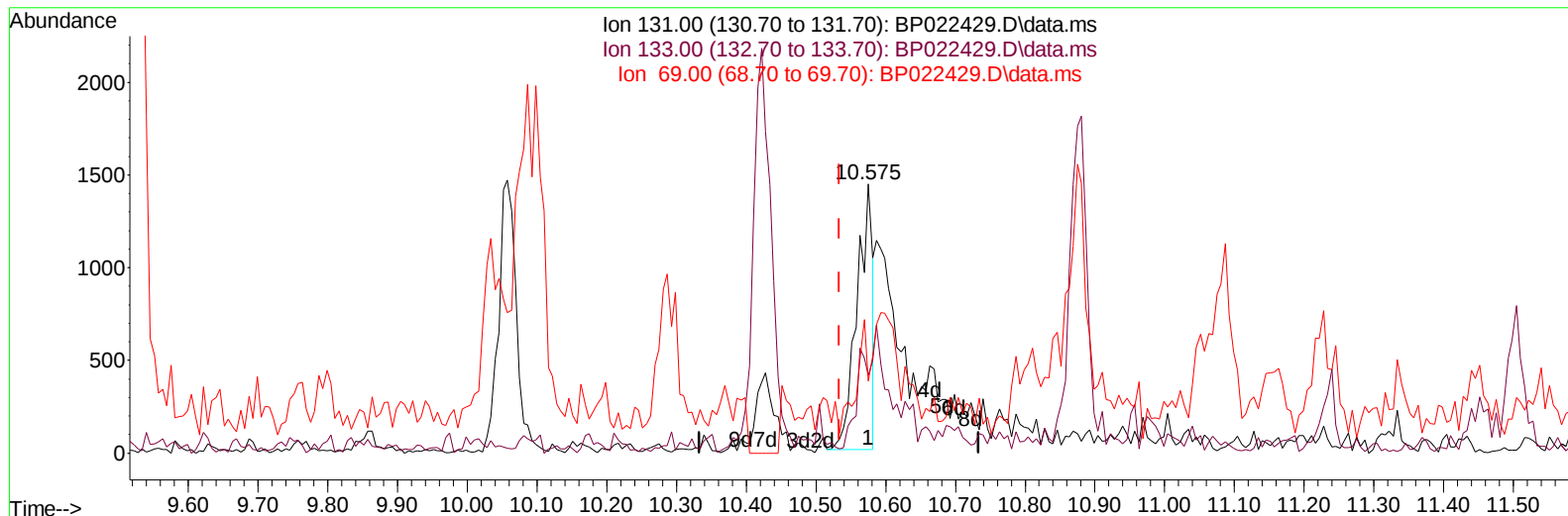
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EZ3

Manual IntegrationsAPPROVED

Quant Time: Oct 17 02:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 16 11:47:52 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024



TIC: BP022429.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.575min (+ 0.041) 0.22 ng/u1

response 2199

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	28.97
69.00	22.00	26.83#
0.00	0.00	0.00

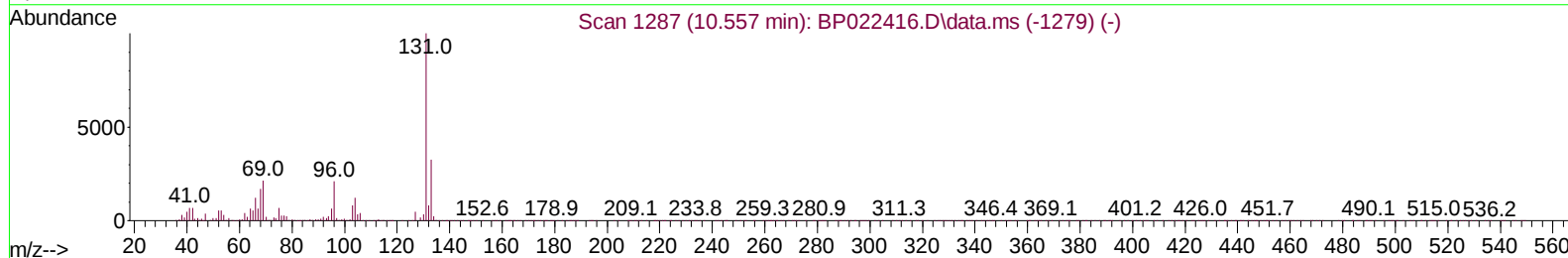
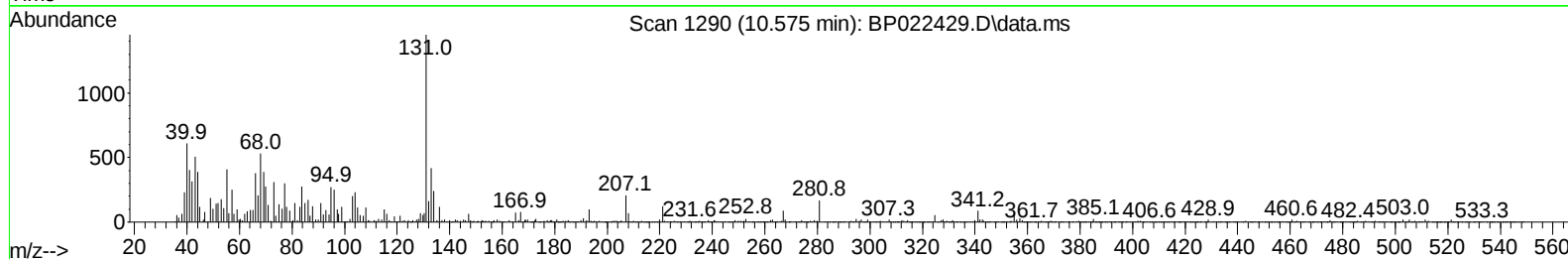
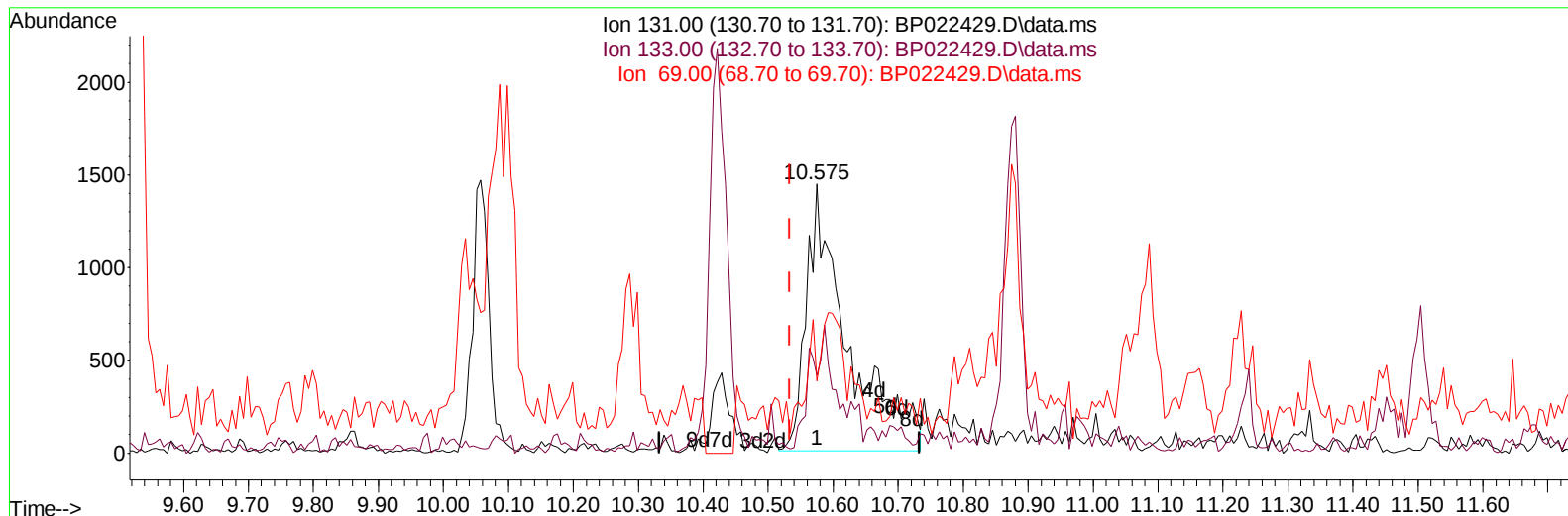
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Reviewed By :Yogesh Patel 10/17/2024
Supervised By :mohammad ahmed 10/18/2024



TIC: BP022429.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.575min (+ 0.041) 0.62 ng/ul m

response 6279

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.80	28.97
69.00	22.00	26.83#
0.00	0.00	0.00

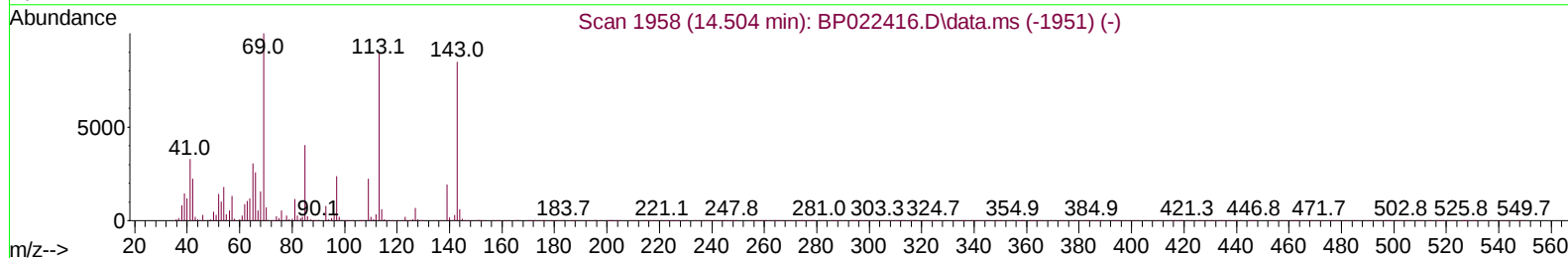
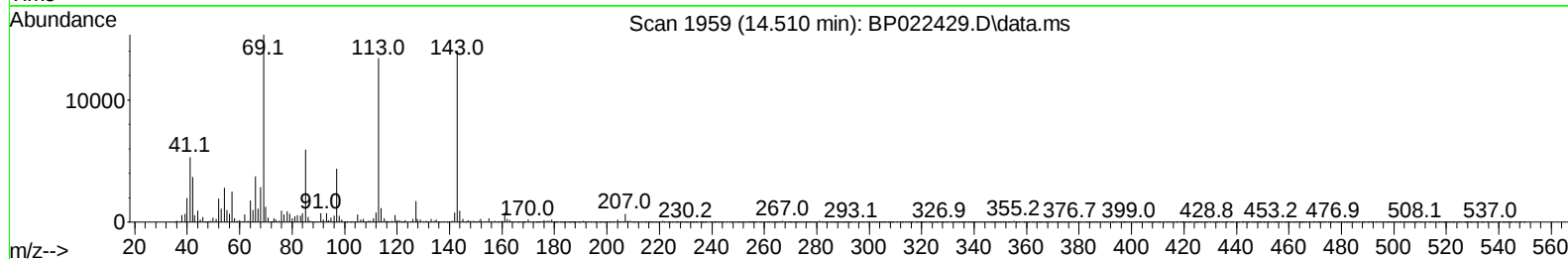
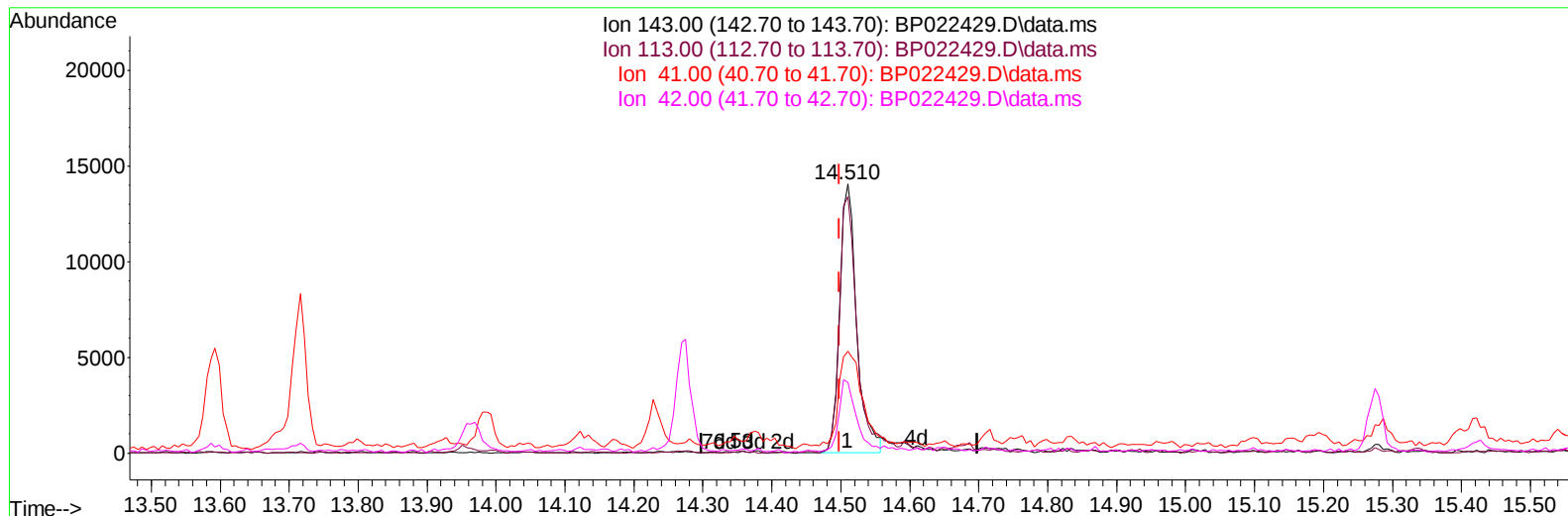
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Instrument :
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TIC: BP022429.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.012) 5.23 ng/u1

response 23977

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	95.39
41.00	35.90	37.79
42.00	23.70	26.34

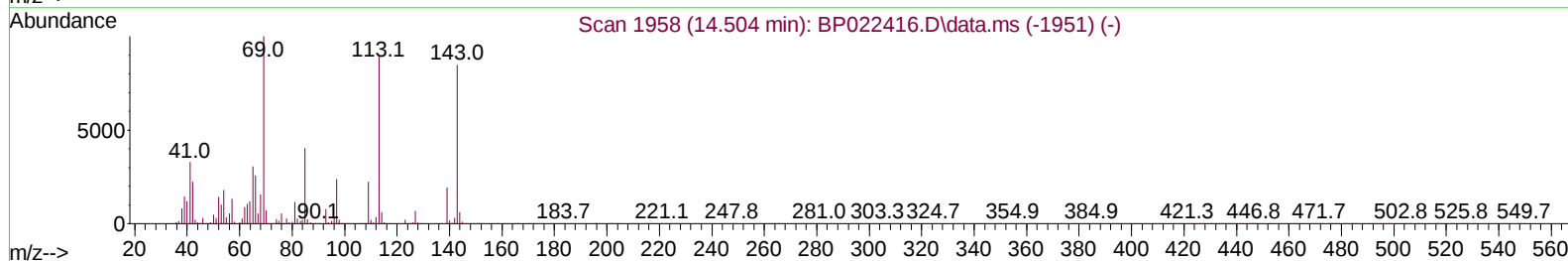
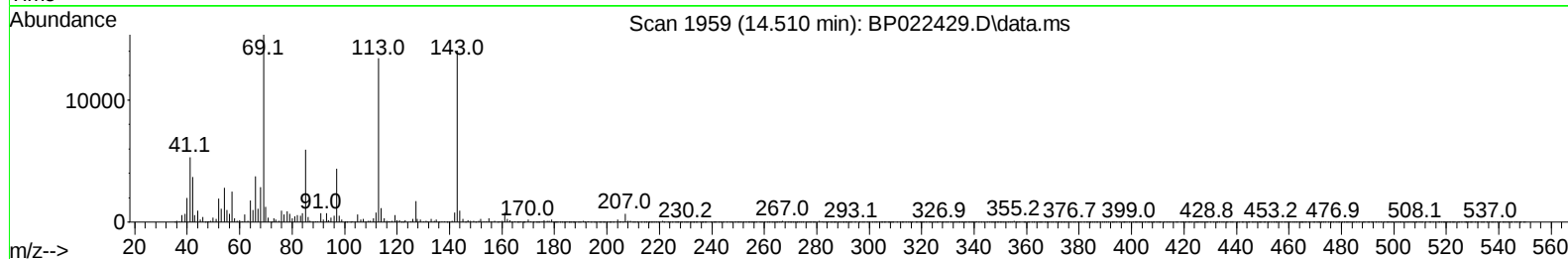
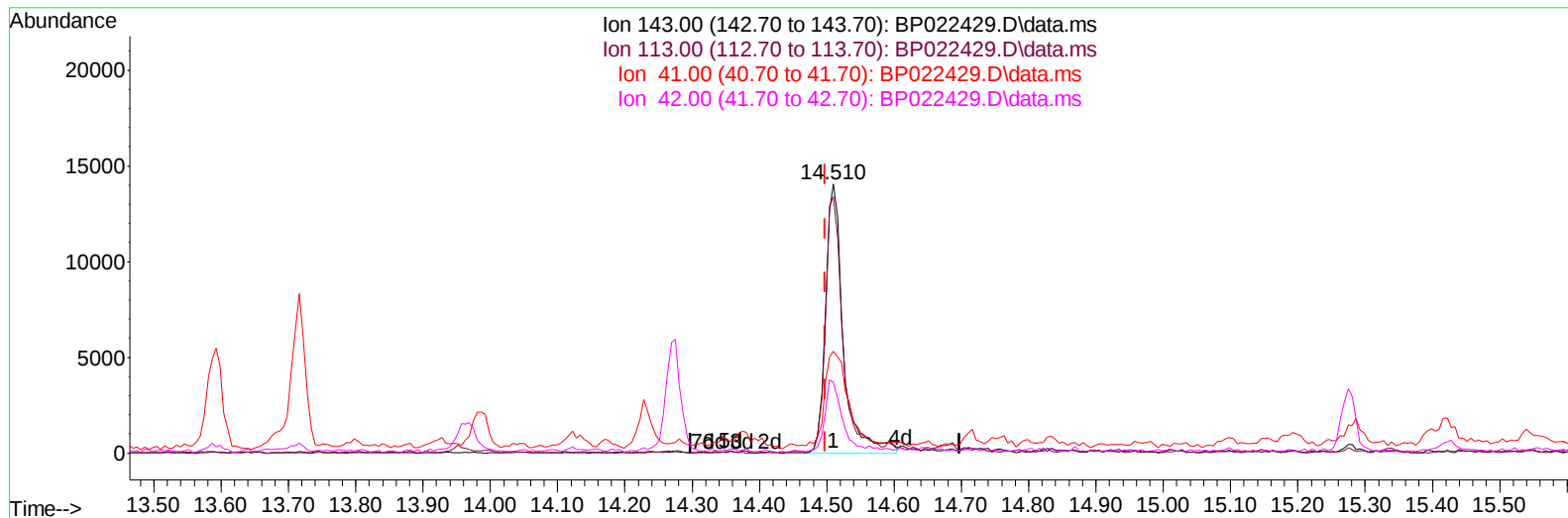
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Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EZ3

Manual IntegrationsAPPROVED

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TIC: BP022429.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.510min (+ 0.012) 5.56 ng/ul m

response 25526

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	97.60	95.39
41.00	35.90	37.79
42.00	23.70	26.34

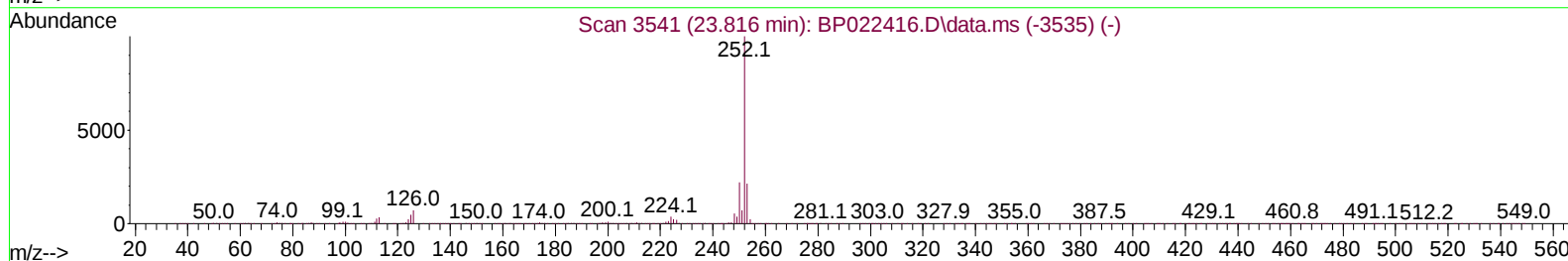
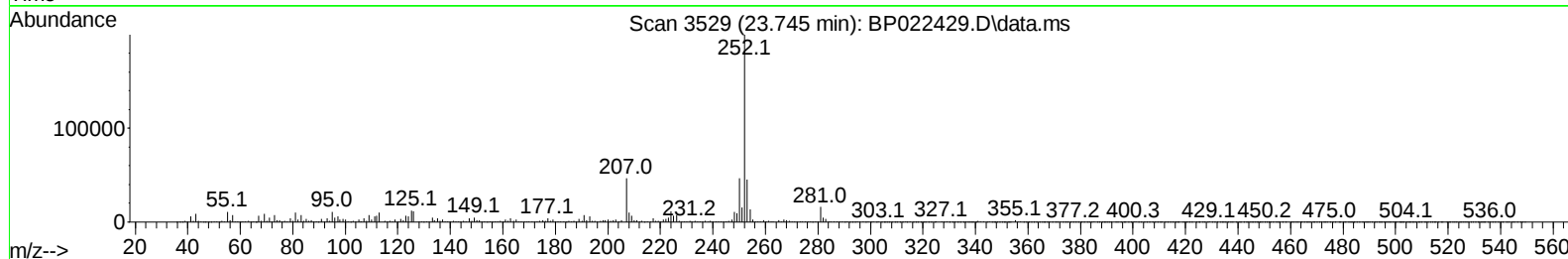
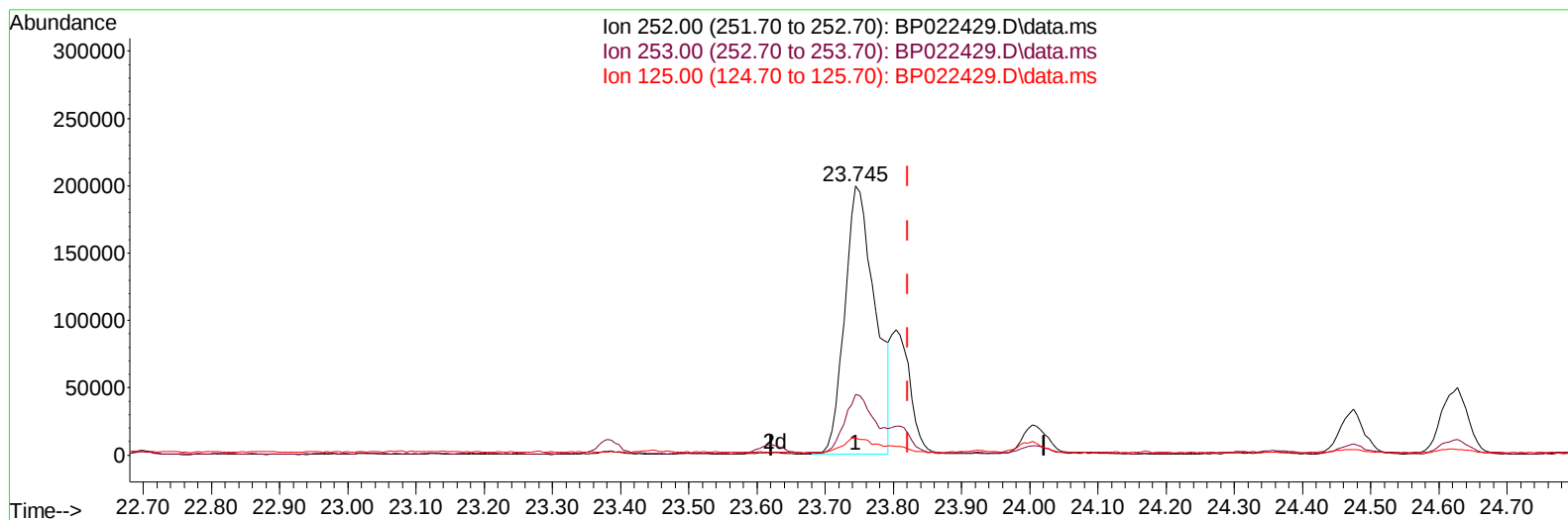
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EZ3

Manual IntegrationsAPPROVED

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TIC: BP022429.D\data.ms

(91) Benzo(k)fluoranthene

23.745min (-0.076) 10.04 ng/u1

response 617571

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.66
125.00	5.70	6.16
0.00	0.00	0.00

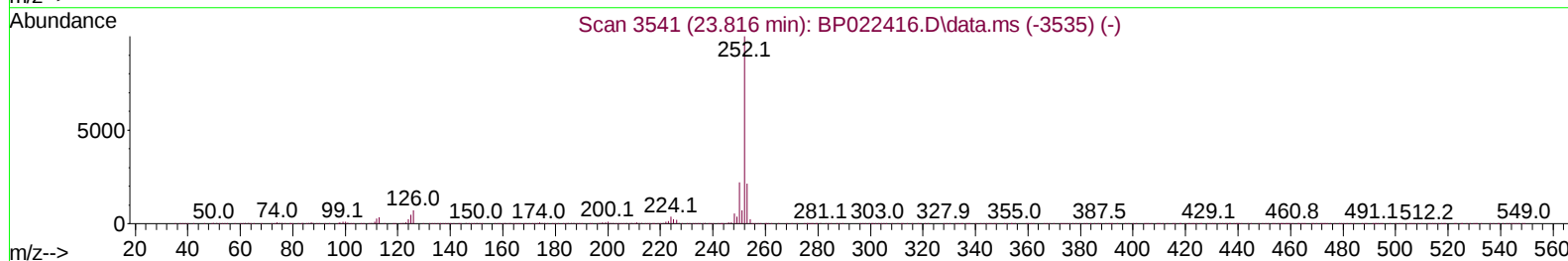
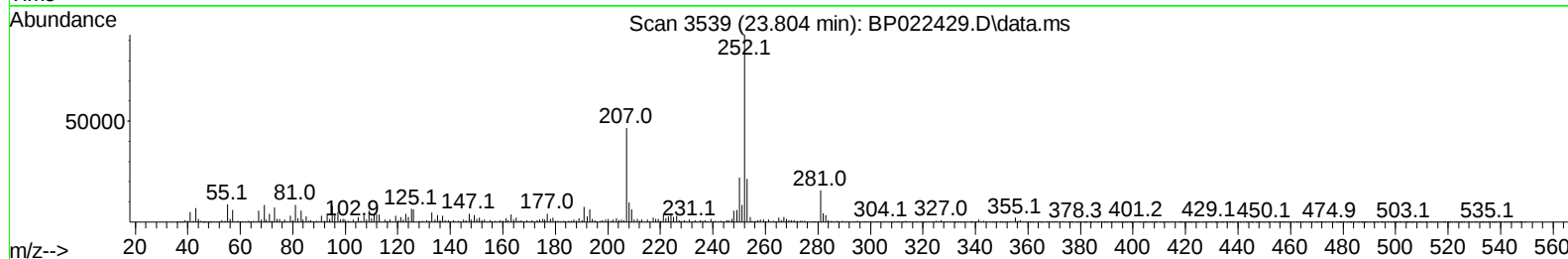
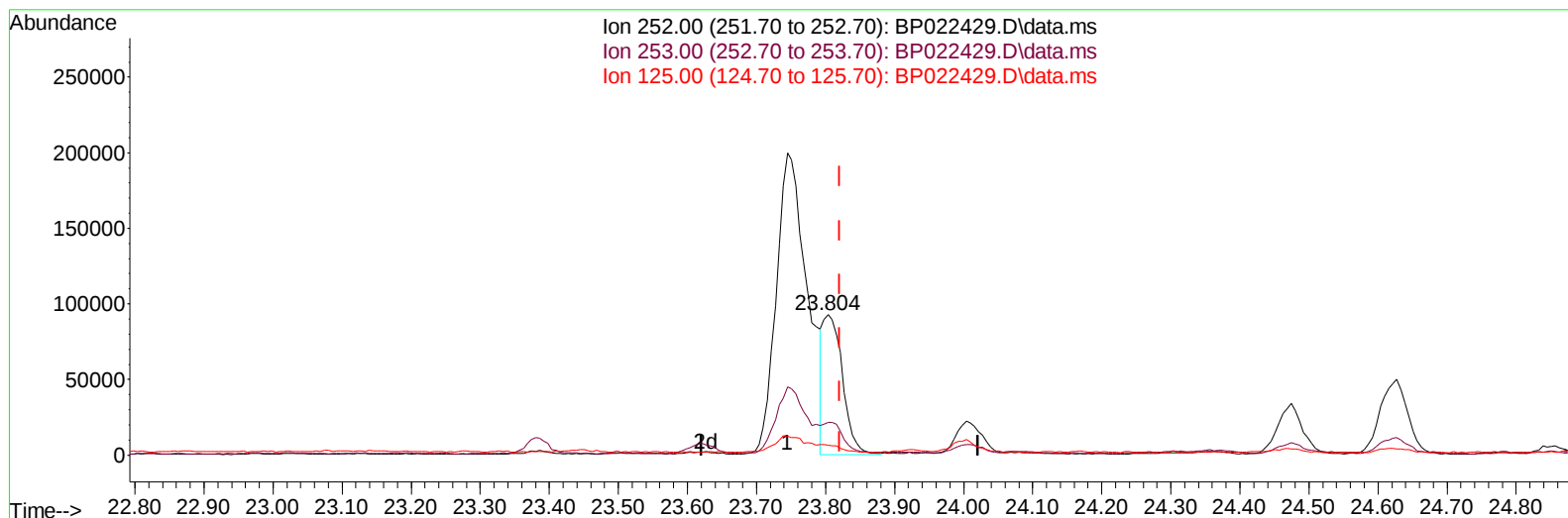
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EZ3

Manual IntegrationsAPPROVED

Quant Time: Oct 17 02:30:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
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Reviewed By :Yogesh Patel 10/17/2024
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TIC: BP022429.D\data.ms

(91) Benzo(k)fluoranthene

23.804min (-0.017) 2.95 ng/u1 m

response 181512

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.13
125.00	5.70	7.02#
0.00	0.00	0.00

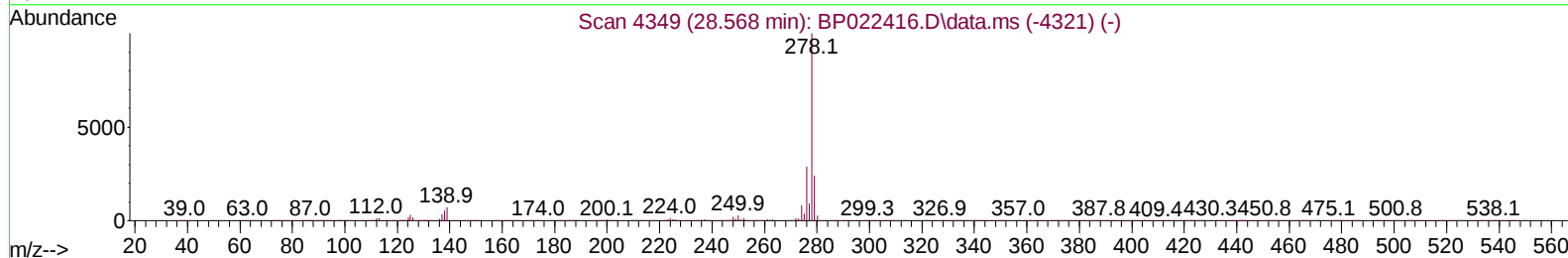
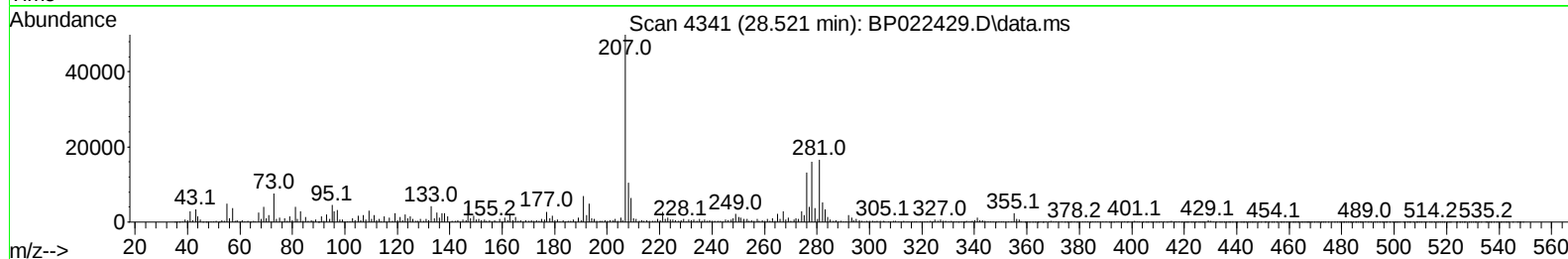
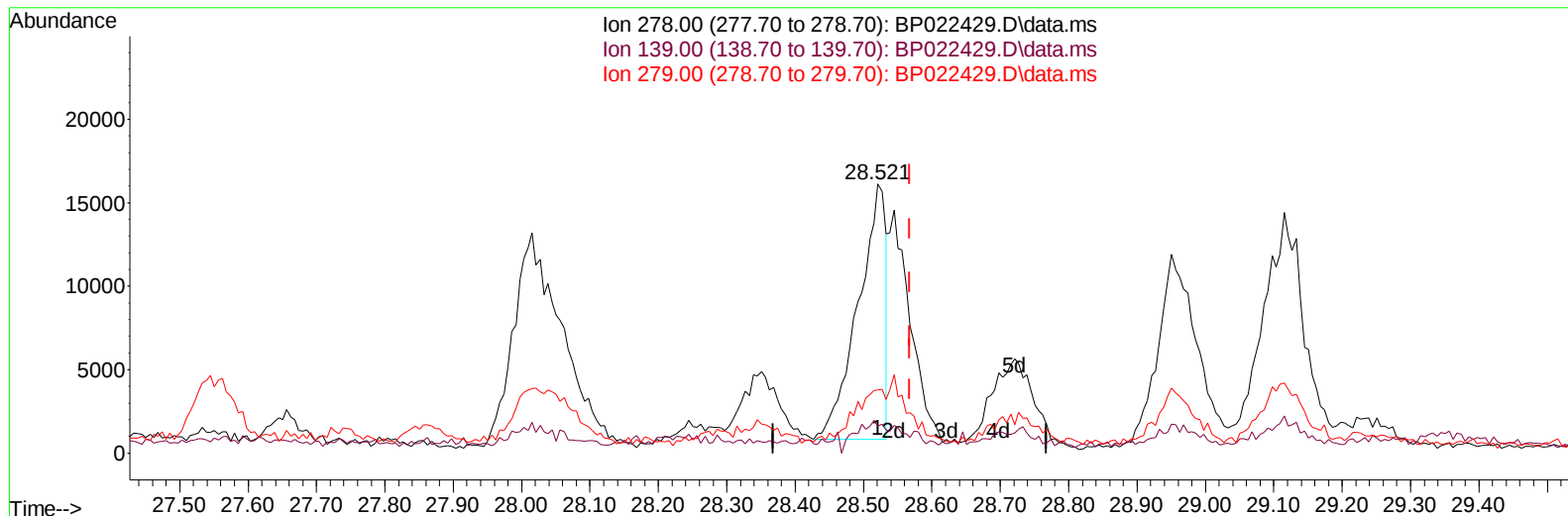
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4EZ3

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TIC: BP022429.D\data.ms

(95) Dibenzo(a,h)anthracene

28.521min (-0.047) 0.69 ng/u1

response 42885

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	9.99
279.00	23.70	23.56
0.00	0.00	0.00

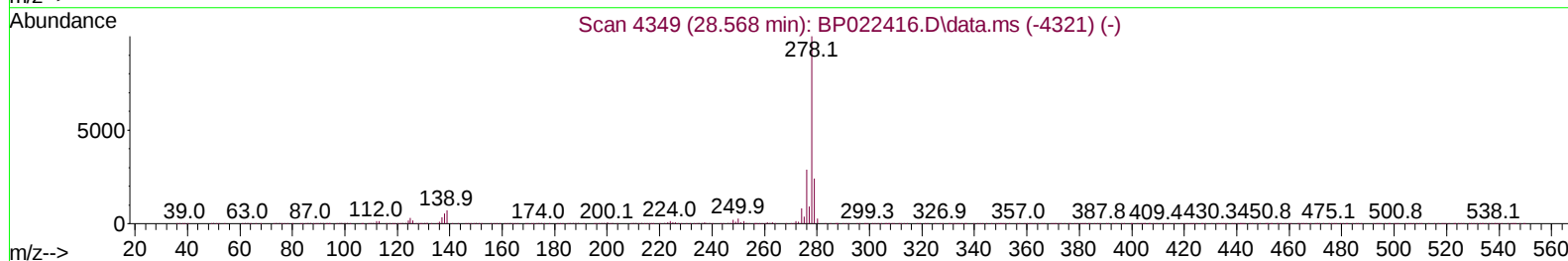
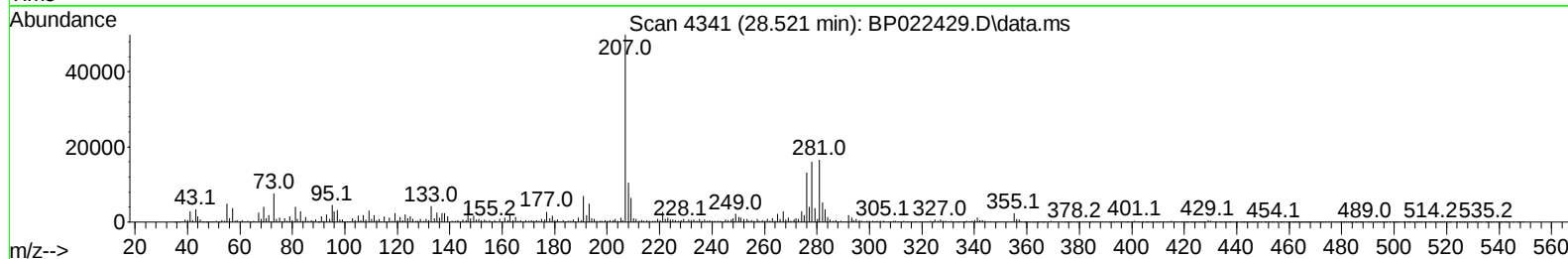
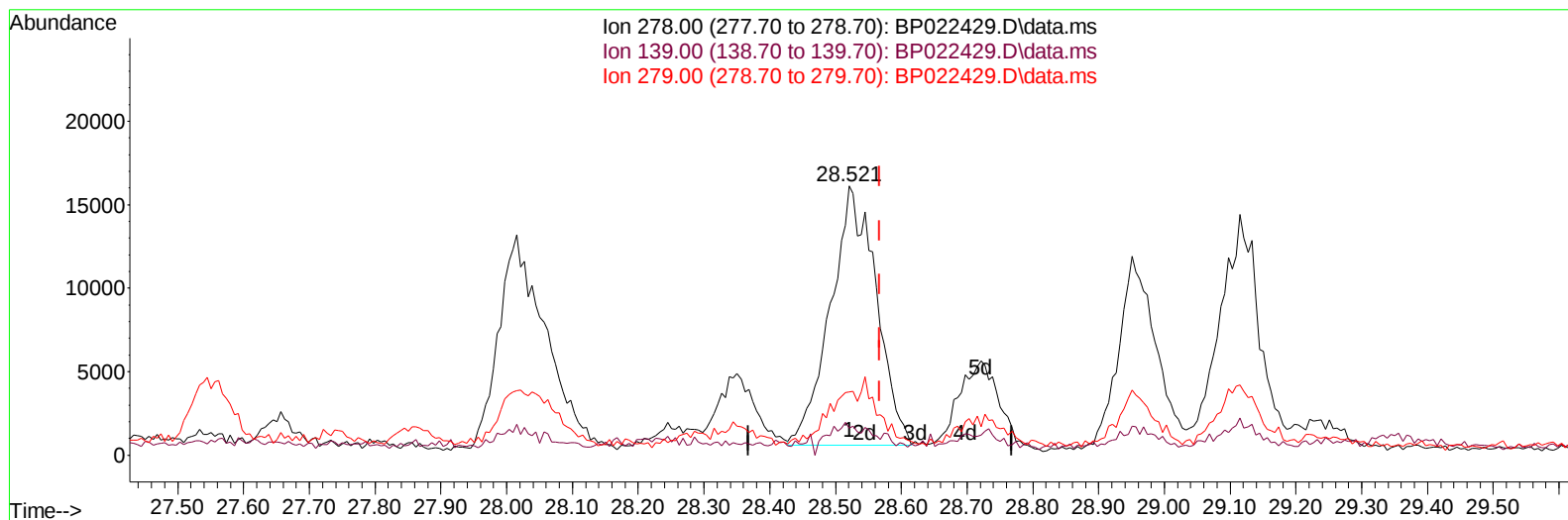
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
Data File : BP022429.D
Acq On : 17 Oct 2024 01:15
Operator : RC/JU
Sample : P4284-18
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
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A4EZ3

Manual IntegrationsAPPROVED

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TIC: BP022429.D\data.ms

(95) Dibenzo(a,h)anthracene

28.521min (-0.047) 1.20 ng/ul m

response 74748

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	9.99
279.00	23.70	23.56
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101624\
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/17/2024
 Supervised By :mohammad ahmed 10/18/2024

Quant Time: Oct 17 02:48:11 2024
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 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 16 11:47:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	116095	20.000	ng/ul	0.04
20) Naphthalene-d8	10.422	136	452095	20.000	ng/ul	0.03
38) Acenaphthene-d10	14.275	164	344148	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	808794	20.000	ng/ul	0.00
79) Chrysene-d12	21.516	240	829752	20.000	ng/ul	0.00
88) Perylene-d12	24.774	264	998084	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	3784	1.267	ng/uL	0.02
4) Pyridine-d5	3.628	84	11330	1.381	ng/ul	0.04
7) Phenol-d5	6.863	99	67395	6.896	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	7.010	67	45946	7.999	ng/ul	0.04
11) 2-Chlorophenol-d4	7.210	132	55716	8.035	ng/ul	0.04
15) 4-Methylphenol-d8	8.369	113	38968	4.997	ng/ul	0.04
21) Nitrobenzene-d5	8.804	128	28680	8.250	ng/ul	0.04
24) 2-Nitrophenol-d4	9.516	143	36114	8.974	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.057	165	71657	8.377	ng/ul	0.04
31) 4-Chloroaniline-d4	10.575	131	6279m	0.621	ng/ul	0.04
46) Dimethylphthalate-d6	13.681	166	250078	9.146	ng/ul	0.01
49) Acenaphthylene-d8	13.963	160	263500	9.073	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	25526m	5.565	ng/ul	0.01
60) Fluorene-d10	15.275	176	225212	9.496	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.428	200	33167	6.235	ng/ul	0.02
73) Anthracene-d10	17.186	188	361379	9.498	ng/ul	0.00
81) Pyrene-d10	19.563	212	330905	7.541	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.557	264	238433	4.473	ng/ul	-0.01
Target Compounds						
					Qvalue	
16) Acetophenone	8.475	105	18850	1.464	ng/ul	98
72) Phenanthrene	17.128	178	224869	5.197	ng/ul	100
74) Anthracene	17.222	178	44113	1.022	ng/ul	99
80) Fluoranthene	19.222	202	680101	13.482	ng/ul	99
82) Pyrene	19.598	202	393243	7.273	ng/ul	97
85) Benzo(a)anthracene	21.498	228	298916	5.139	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.433	149	114193	4.226	ng/ul	98
87) Chrysene	21.563	228	375545	6.963	ng/ul	98
90) Benzo(b)fluoranthene	23.745	252	617571	9.830	ng/ul	99
91) Benzo(k)fluoranthene	23.804	252	181512m	2.951	ng/ul	
93) Benzo(a)pyrene	24.627	252	134880	2.333	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.480	276	174920	2.267	ng/ul	97
95) Dibenzo(a,h)anthracene	28.521	278	74748m	1.196	ng/ul	

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

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