

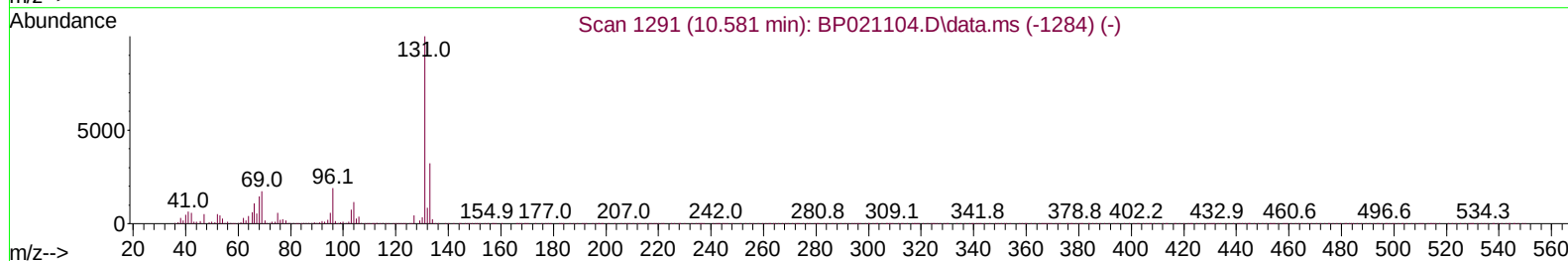
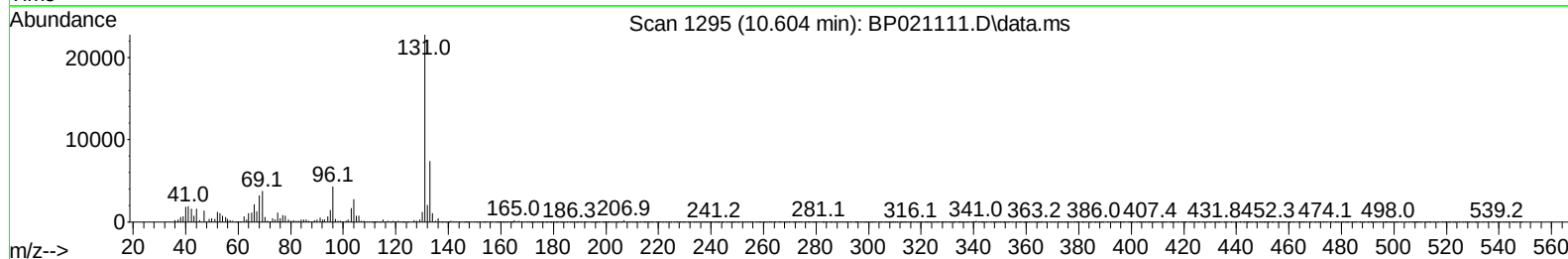
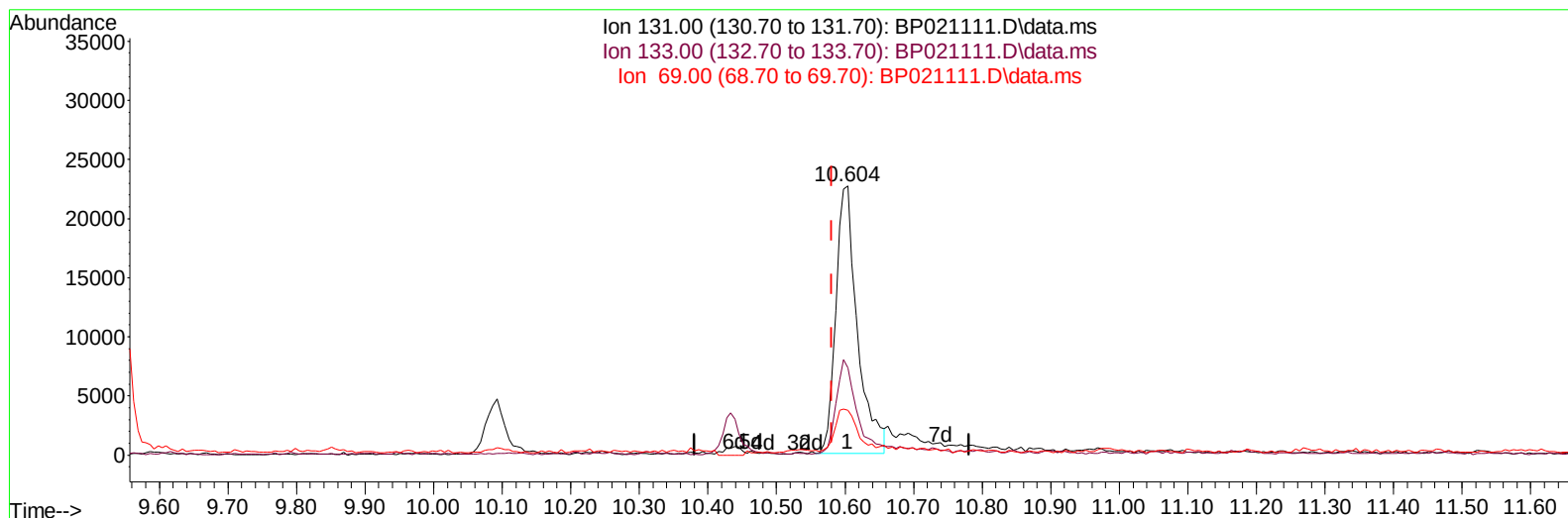
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021111.D
Acq On : 23 Jul 2024 23:42
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:48:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 00:21:57 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/24/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021111.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.604min (+ 0.023) 3.53 ng/uI

response 49434

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.39
69.00	17.40	16.57
0.00	0.00	0.00

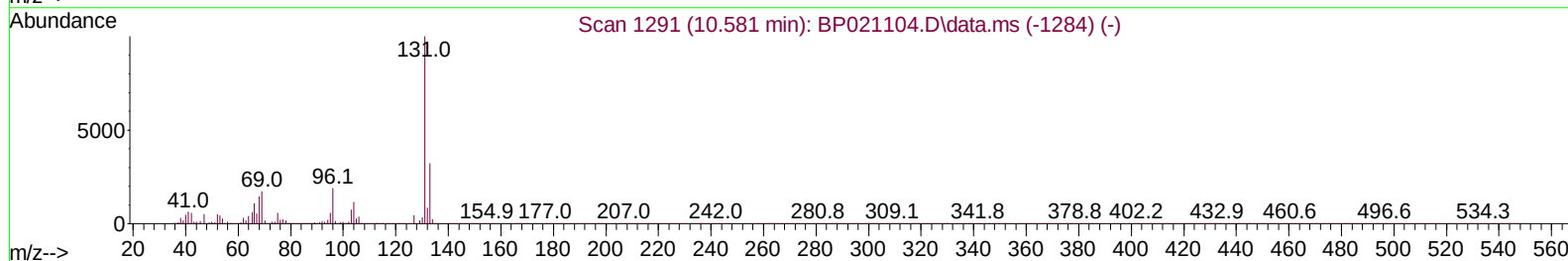
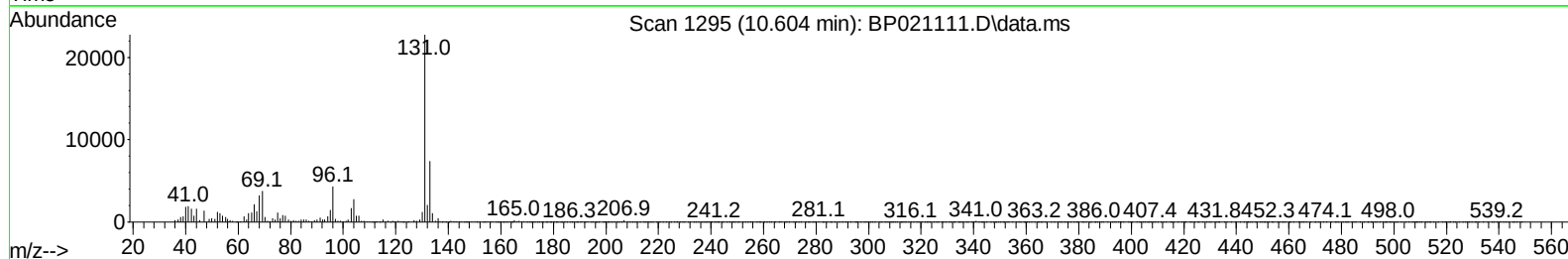
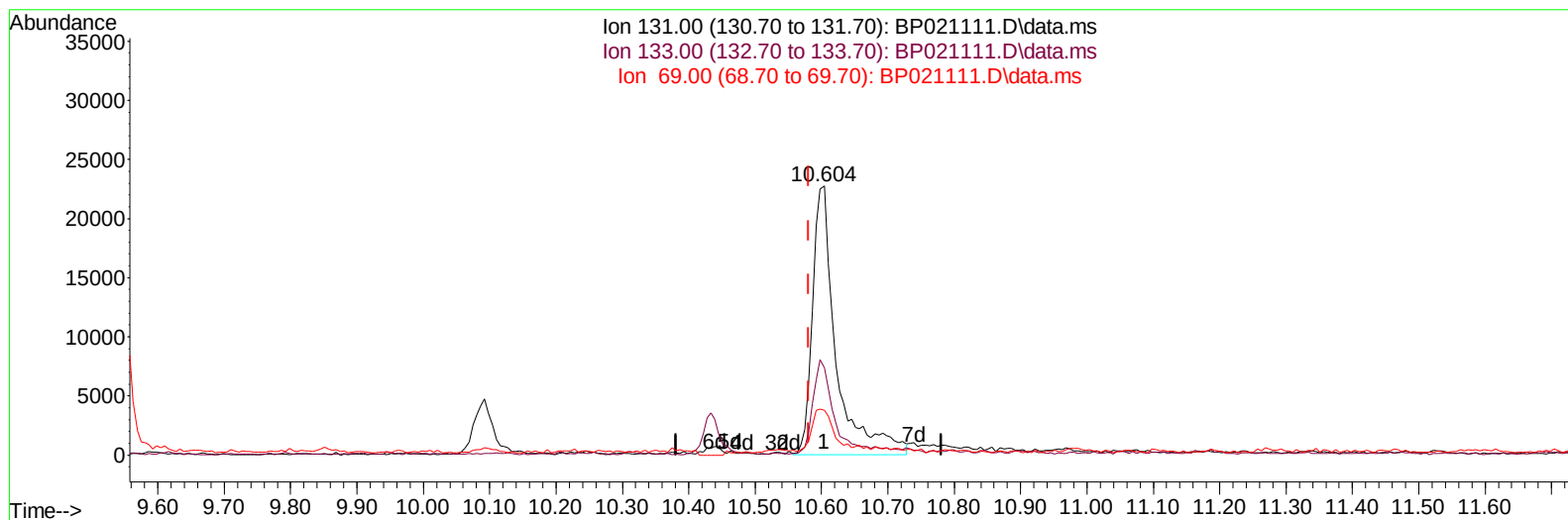
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021111.D
 Acq On : 23 Jul 2024 23:42
 Operator : MA/JU
 Sample : P3238-11
 Misc :
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Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021111.D\data.ms

(31) 4-Chloroaniline-d4 (S)

10.604min (+ 0.023) 4.01 ng/ul m

response 56139

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	32.50	32.39
69.00	17.40	16.57
0.00	0.00	0.00

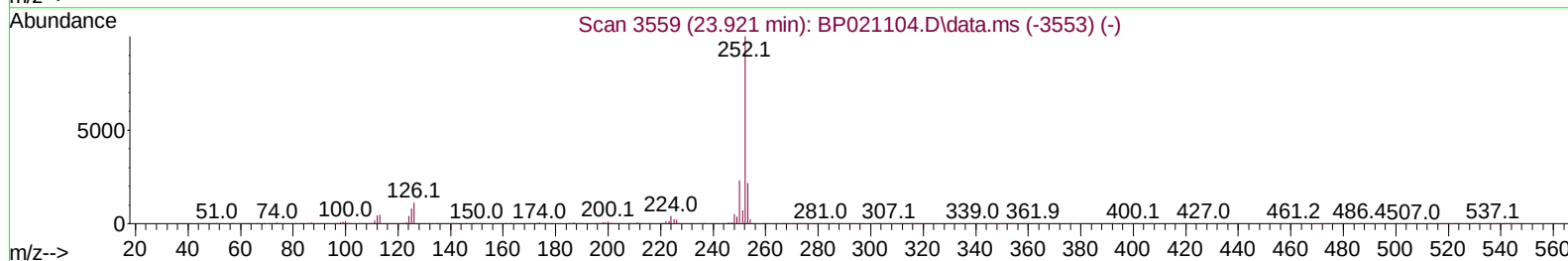
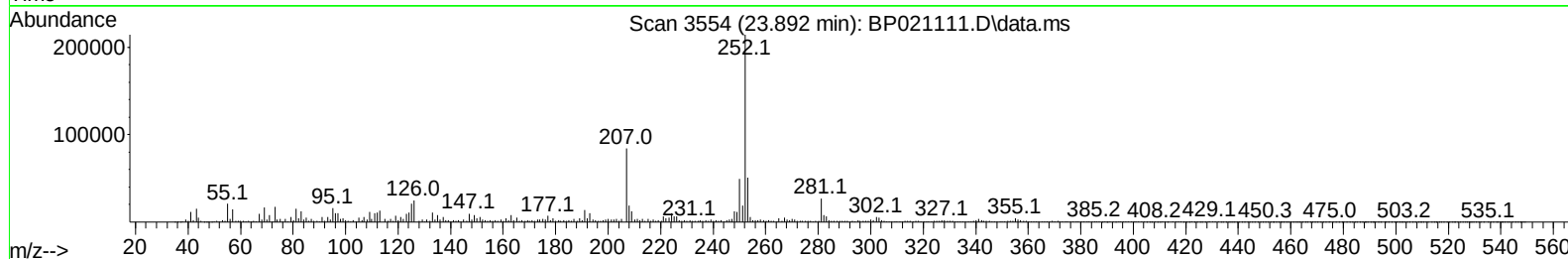
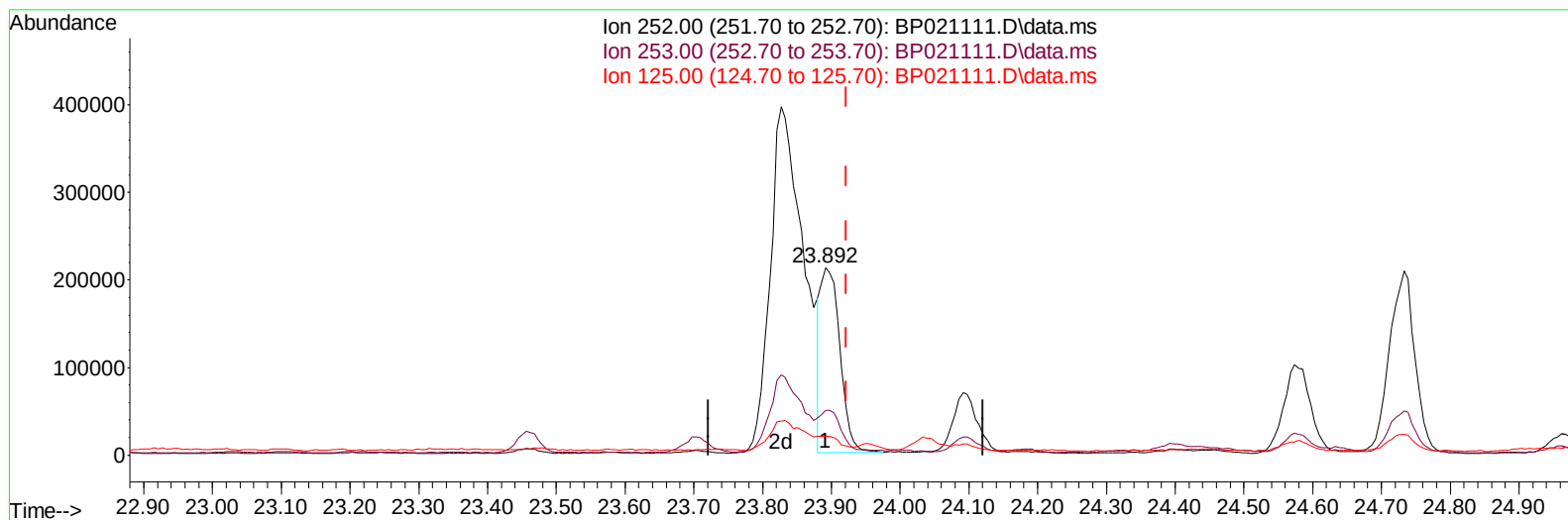
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021111.D
Acq On : 23 Jul 2024 23:42
Operator : MA/JU
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP021111.D\data.ms

(91) Benzo(k)fluoranthene

23.892min (-0.030) 5.69 ng/u1

response 407701

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.75
125.00	9.20	9.89
0.00	0.00	0.00

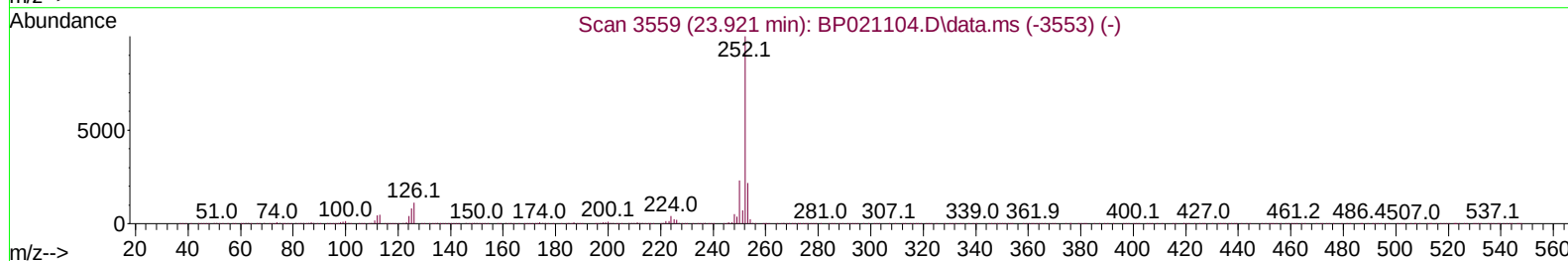
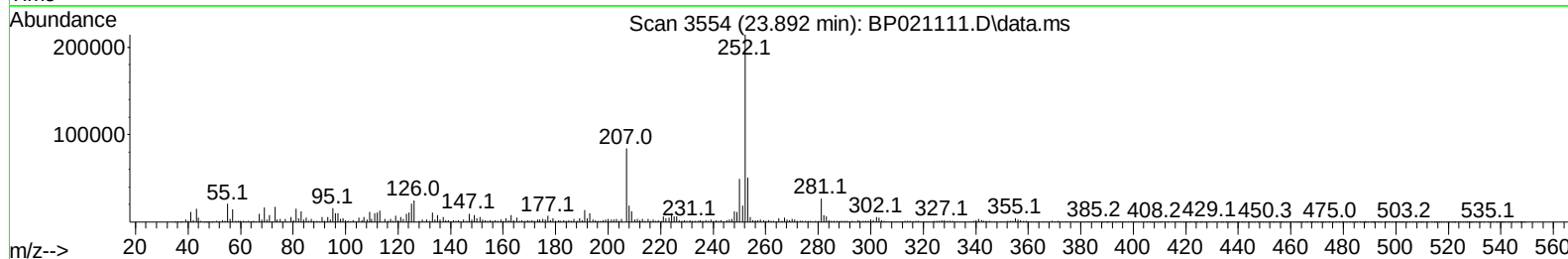
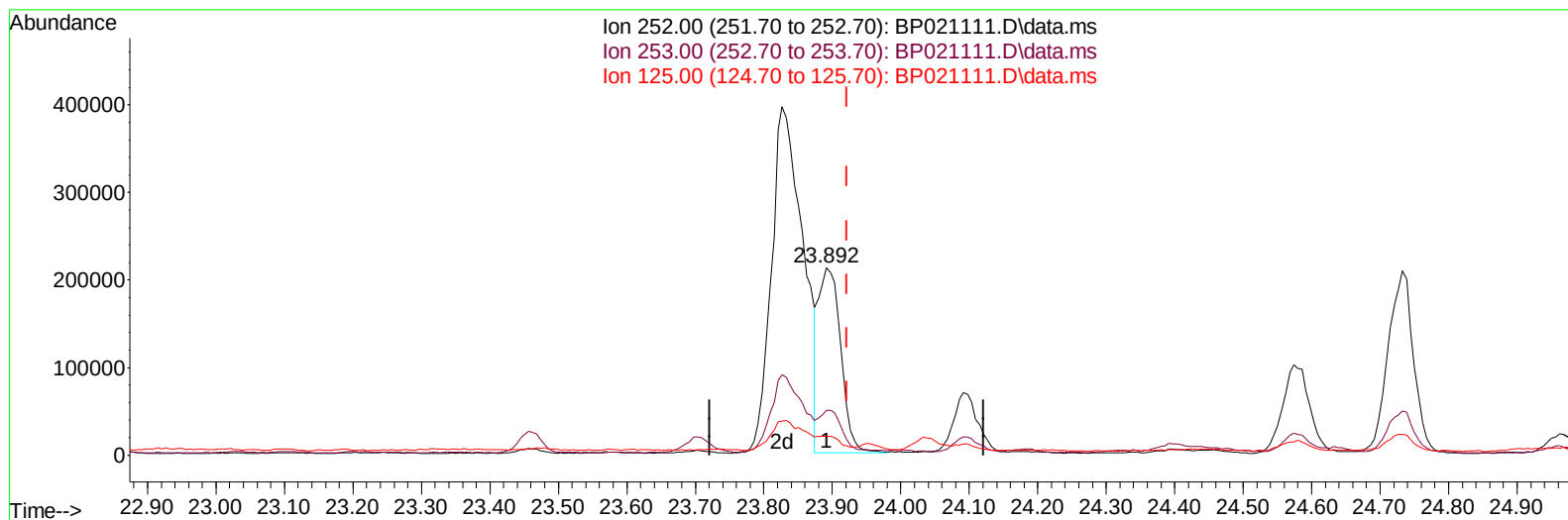
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
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 Operator : MA/JU
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
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 A4BF7

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TIC: BP021111.D\data.ms

(91) Benzo(k)fluoranthene

23.892min (-0.030) 6.60 ng/ul m

response 473333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.75
125.00	9.20	9.89
0.00	0.00	0.00

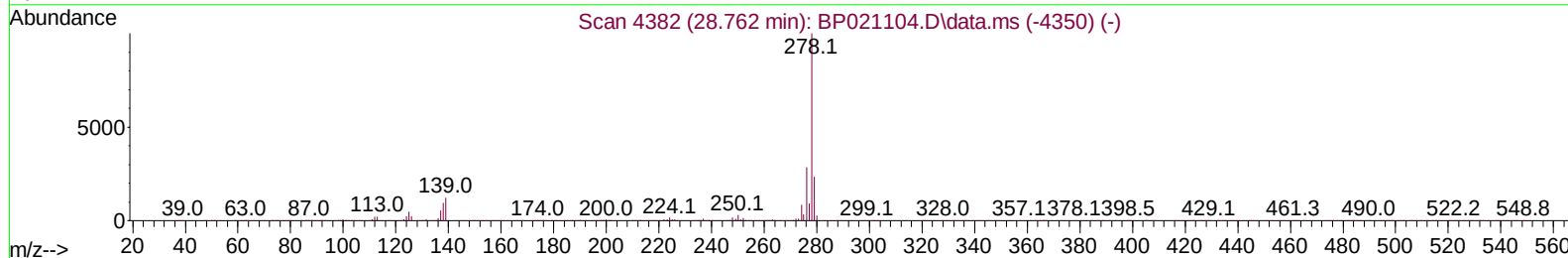
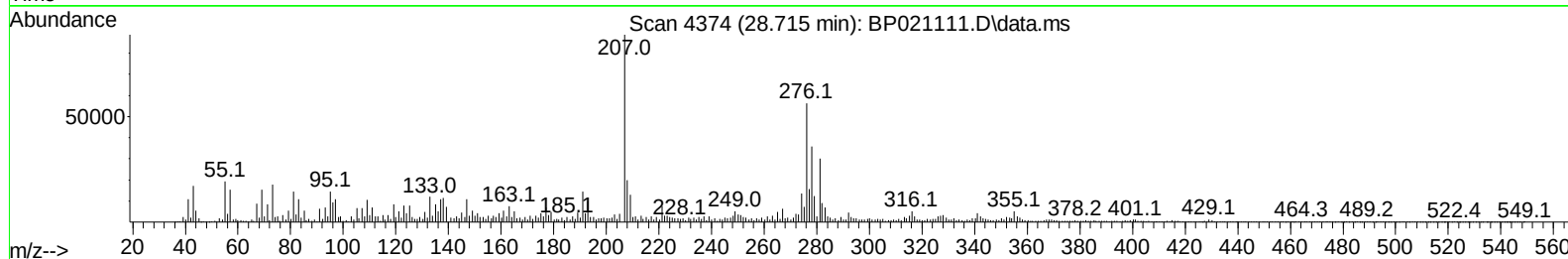
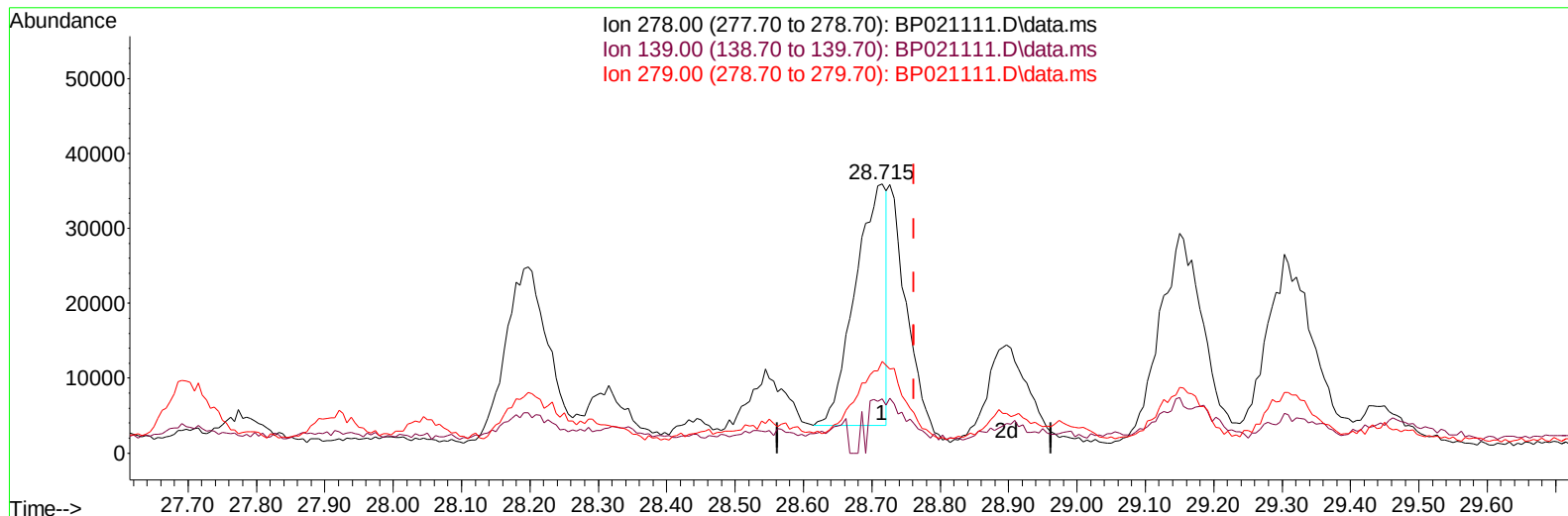
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
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Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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TIC: BP021111.D\data.ms

(95) Dibenzo(a,h)anthracene

28.715min (-0.048) 1.41 ng/u1

response 101876

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.24#
279.00	24.20	34.20#
0.00	0.00	0.00

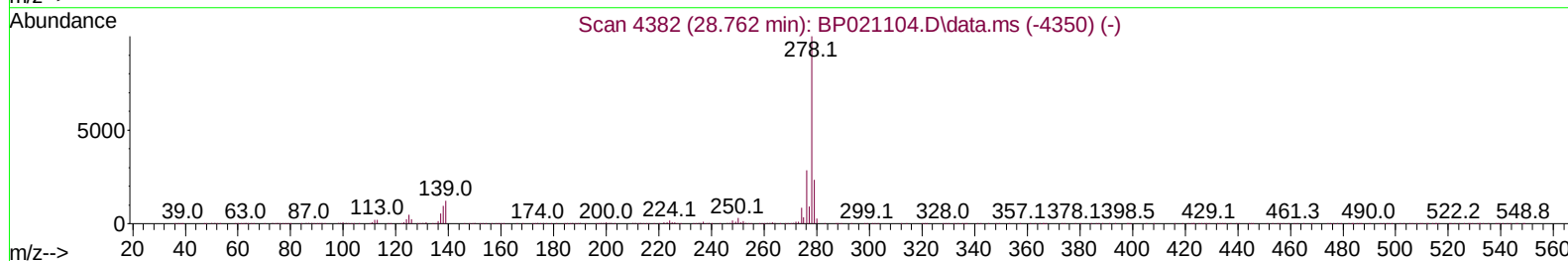
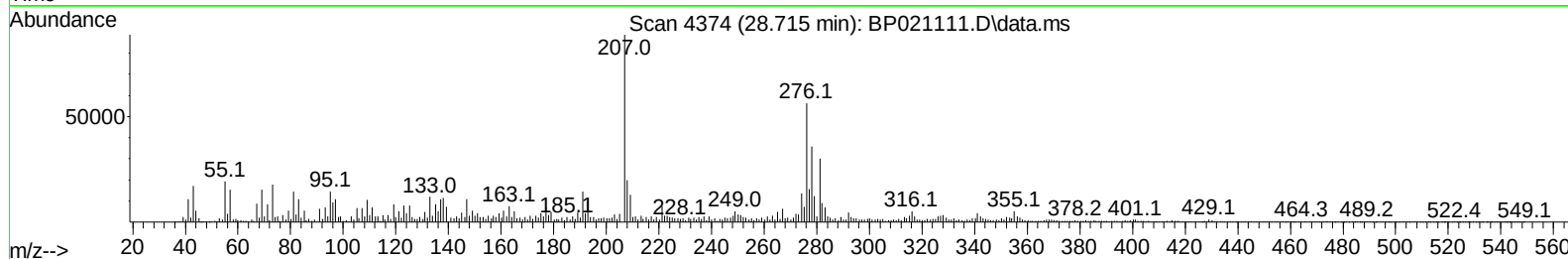
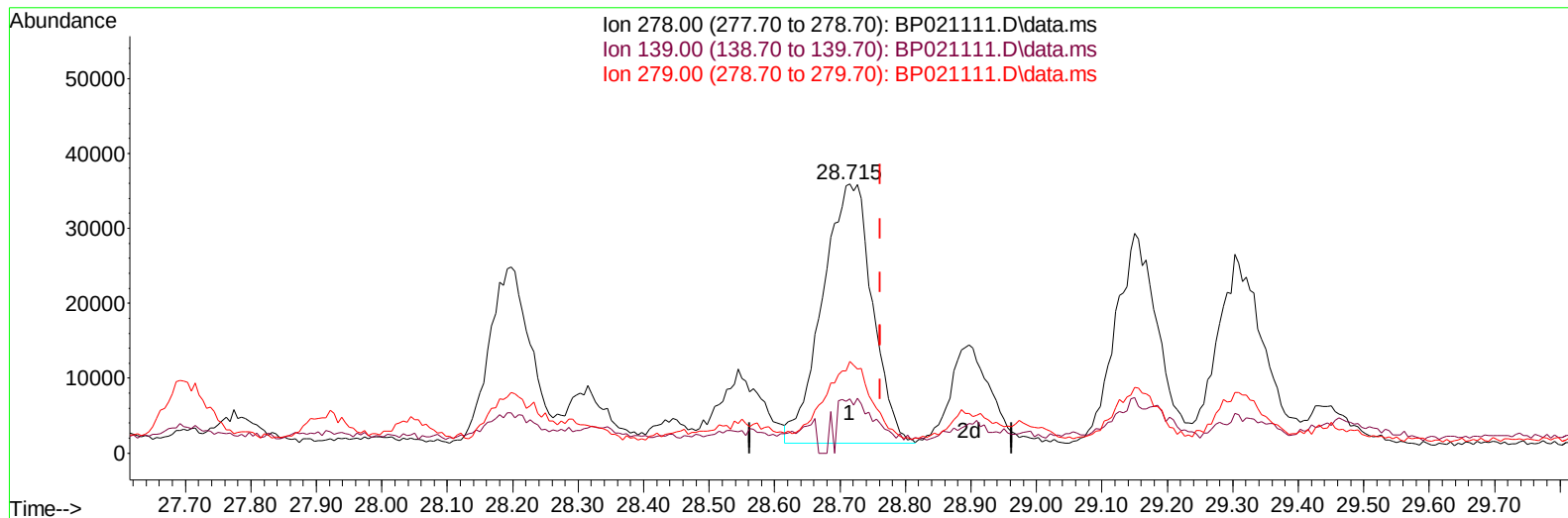
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021111.D
Acq On : 23 Jul 2024 23:42
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:48:30 2024
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Supervised By :mohammad ahmed 07/25/2024



TIC: BP021111.D\data.ms

(95) Dibenzo(a,h)anthracene

28.715min (-0.048) 2.53 ng/ul m

response 182997

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.24#
279.00	24.20	34.20#
0.00	0.00	0.00

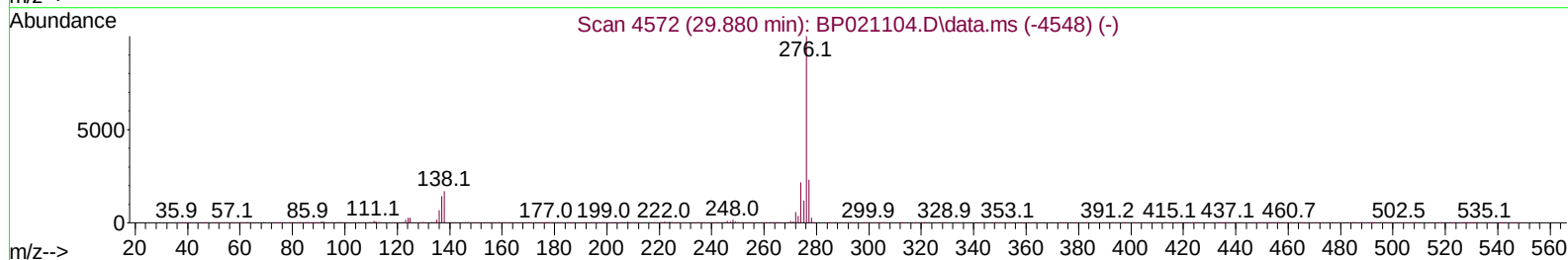
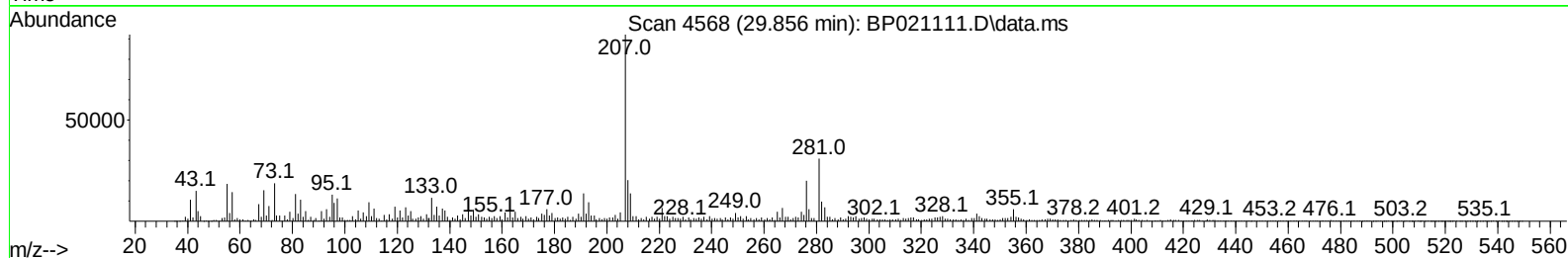
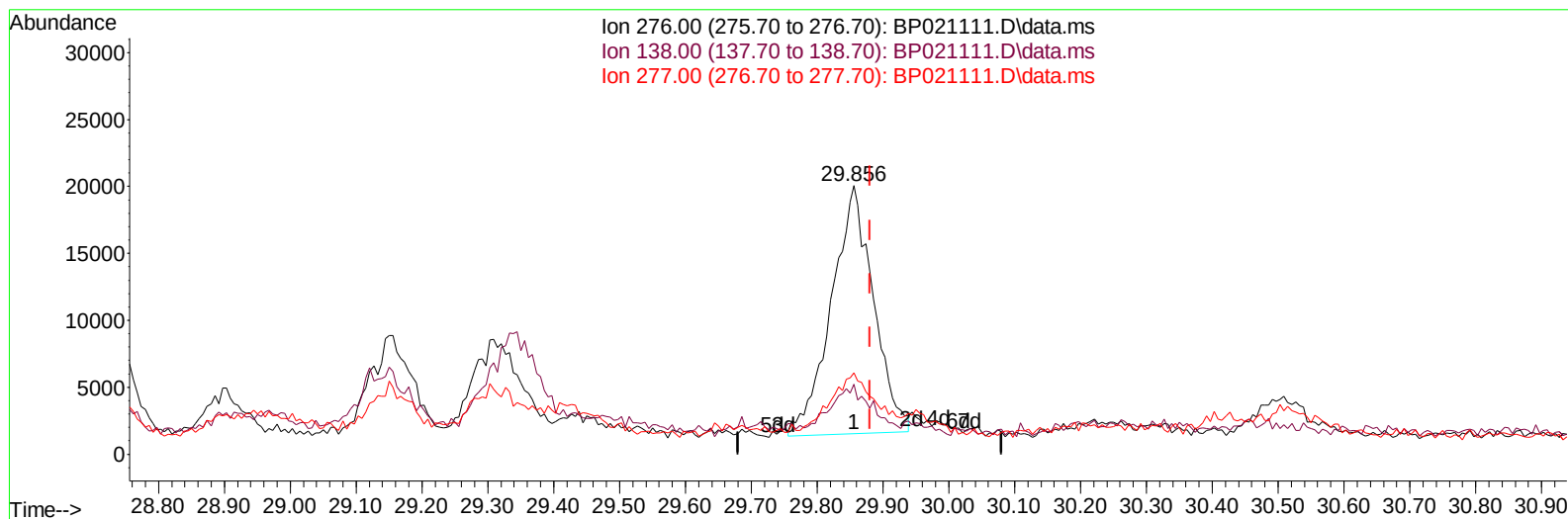
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Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

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TIC: BP021111.D\data.ms

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

29.856min (-0.024) 1.15 ng/u1

response 82160

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	26.07#
277.00	22.70	30.22#
0.00	0.00	0.00

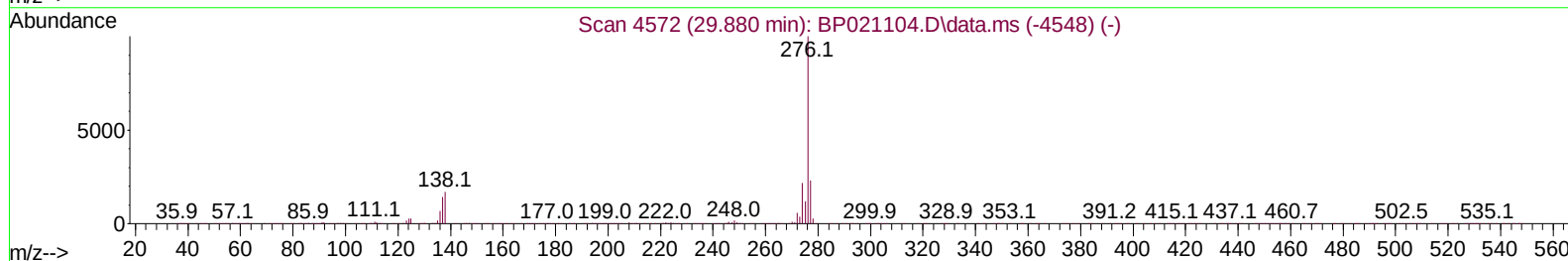
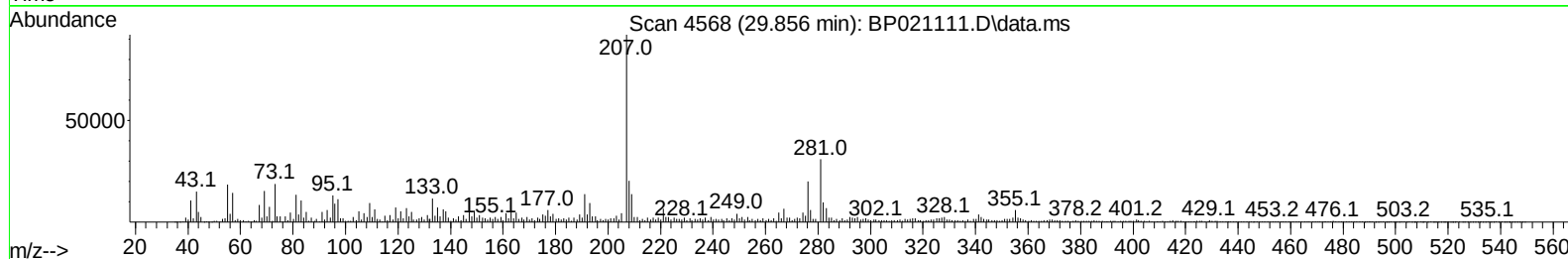
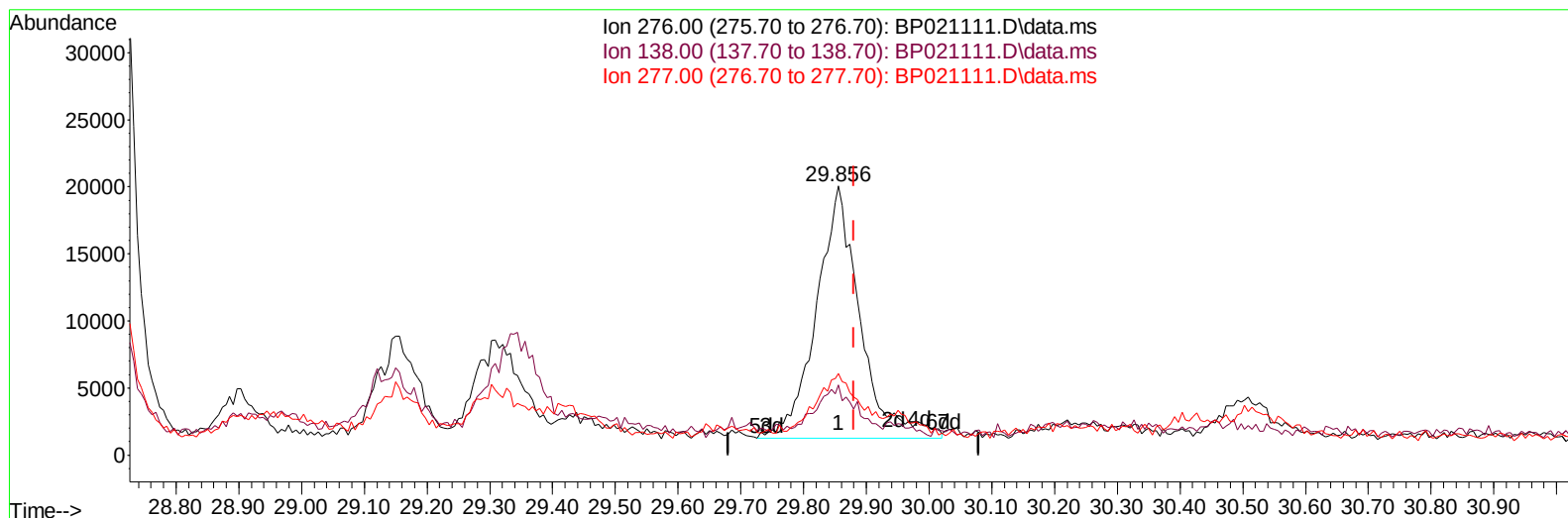
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
Data File : BP021111.D
Acq On : 23 Jul 2024 23:42
Operator : MA/JU
Sample : P3238-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BF7

Manual IntegrationsAPPROVED

Quant Time: Jul 24 04:48:30 2024
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TIC: BP021111.D\data.ms

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

29.856min (-0.024) 1.28 ng/ul m

response 91169

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	26.07#
277.00	22.70	30.22#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021111.D
 Acq On : 23 Jul 2024 23:42
 Operator : MA/JU
 Sample : P3238-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 A4BF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 04:52:40 2024
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	157932	20.000	ng/ul	0.00
20) Naphthalene-d8	10.433	136	656671	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	446818	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1004601	20.000	ng/ul	-0.02
79) Chrysene-d12	21.562	240	983258	20.000	ng/ul	-0.01
88) Perylene-d12	24.886	264	1183351	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	12786	3.684	ng/uL	0.00
4) Pyridine-d5	3.616	84	47913	4.769	ng/ul	0.00
7) Phenol-d5	6.881	99	296796	23.051	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	162283	20.797	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	244701	23.066	ng/ul	0.00
15) 4-Methylphenol-d8	8.398	113	232940	21.782	ng/ul	0.01
21) Nitrobenzene-d5	8.828	128	116841	22.908	ng/ul	0.01
24) 2-Nitrophenol-d4	9.539	143	136852	23.443	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.086	165	243663	23.083	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	56139m	4.014	ng/ul	0.02
46) Dimethylphthalate-d6	13.710	166	758663	23.357	ng/ul	0.00
49) Acenaphthylene-d8	13.992	160	877762	24.067	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.598	143	108780	23.538	ng/ul	0.00
60) Fluorene-d10	15.310	176	683868	25.664	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.480	200	41762	6.871	ng/ul	0.00
73) Anthracene-d10	17.215	188	1088118	24.387	ng/ul	0.00
81) Pyrene-d10	19.604	212	1235747	20.328	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.656	264	1044904	17.904	ng/ul	-0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.022	152	67318	1.630	ng/ul	99
52) Acenaphthene	14.369	153	78682	2.871	ng/ul	98
56) Dibenzofuran	14.710	168	61556	1.640	ng/ul	100
61) Fluorene	15.368	166	79060	2.581	ng/ul	97
72) Phenanthrene	17.151	178	1229739	23.597	ng/ul	99
74) Anthracene	17.251	178	321786	6.057	ng/ul	99
77) Carbazole	17.533	167	146411	3.371	ng/ul	99
80) Fluoranthene	19.257	202	2063152	28.104	ng/ul	99
82) Pyrene	19.633	202	1484942	19.878	ng/ul	99
85) Benzo(a)anthracene	21.545	228	932576	13.540	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	123237	2.751	ng/ul	98
87) Chrysene	21.609	228	953773	14.902	ng/ul	96
90) Benzo(b)fluoranthene	23.827	252	1267790	17.654	ng/ul	97
91) Benzo(k)fluoranthene	23.892	252	473333m	6.605	ng/ul	
93) Benzo(a)pyrene	24.733	252	535672	7.894	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	28.685	276	514476	5.883	ng/ul	96
95) Dibenzo(a,h)anthracene	28.715	278	182997m	2.527	ng/ul	
96) Benzo(g,h,i)perylene	29.856	276	91169m	1.280	ng/ul	

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

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