

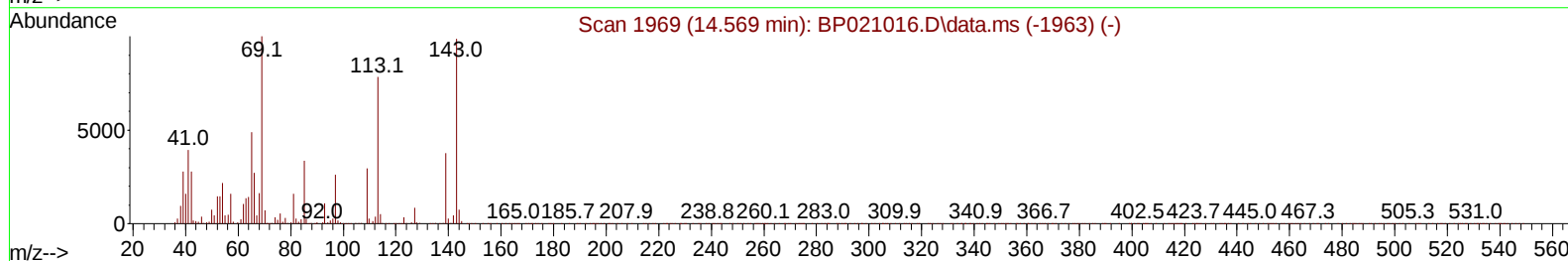
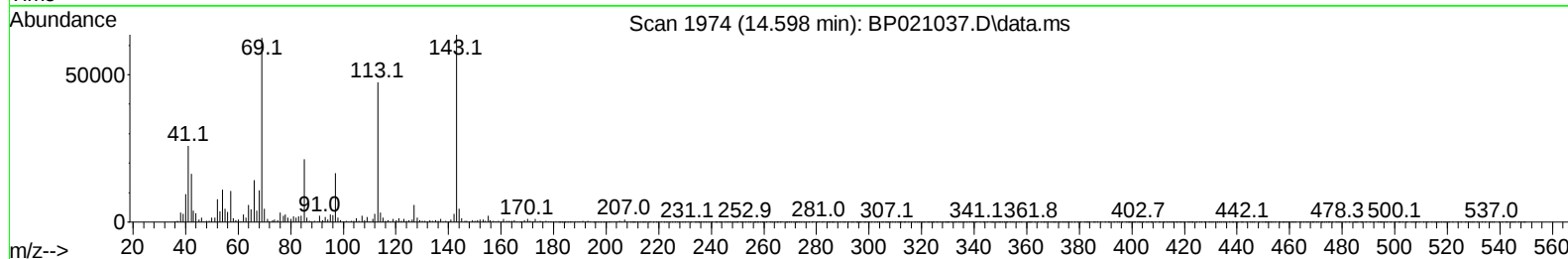
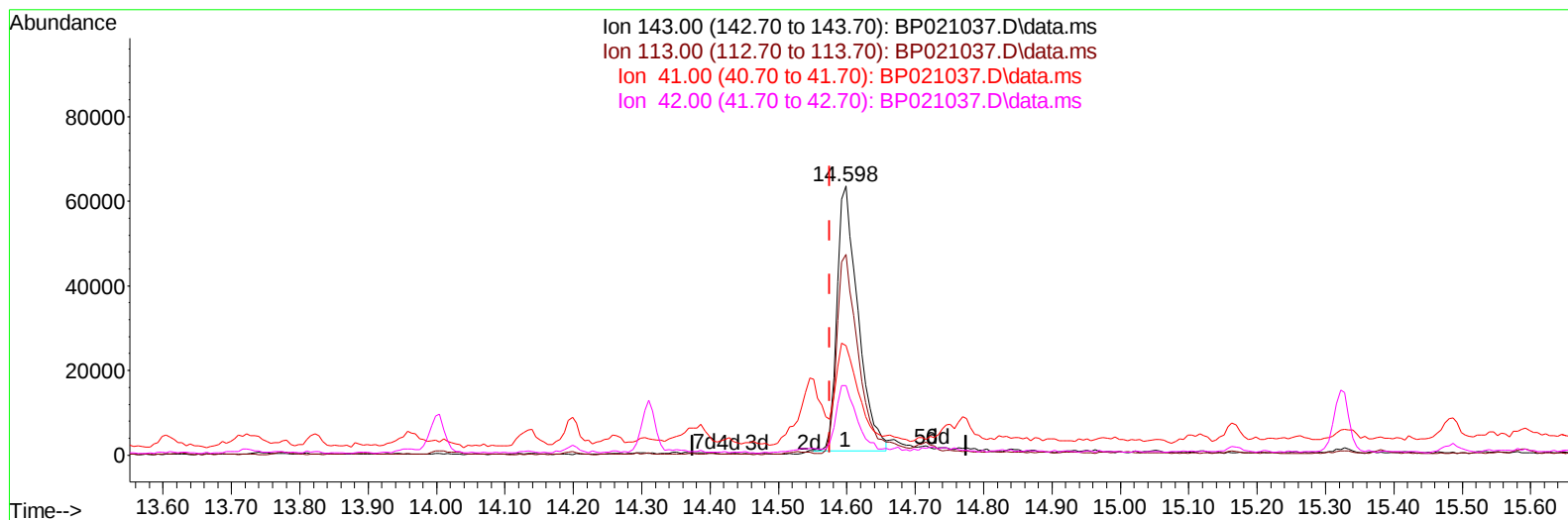
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
 Data File : BP021037.D
 Acq On : 18 Jul 2024 05:46
 Operator : MA/JU
 Sample : P3215-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4D43

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:14:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 06:13:40 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024



TIC: BP021037.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.023) 21.05 ng/u1

response 133482

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.58
41.00	37.90	40.69
42.00	27.10	25.86

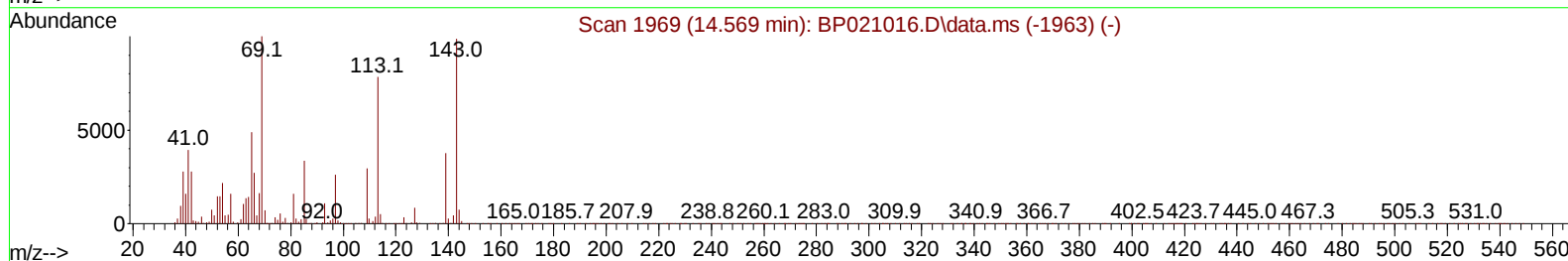
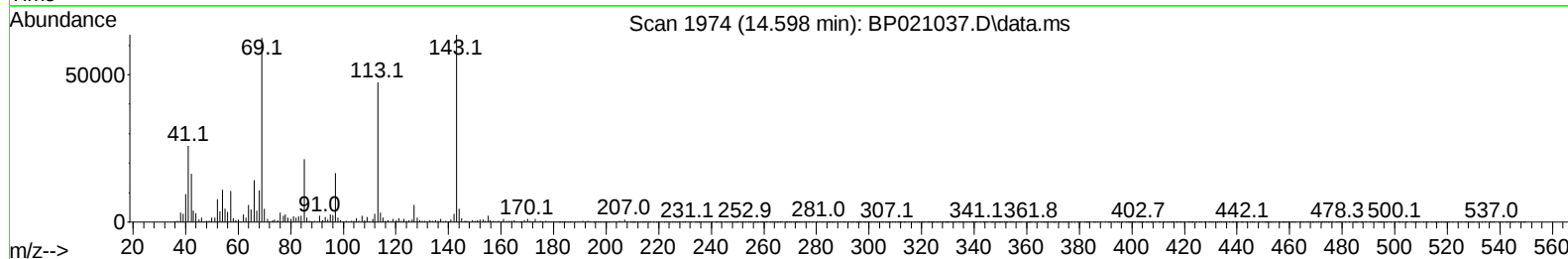
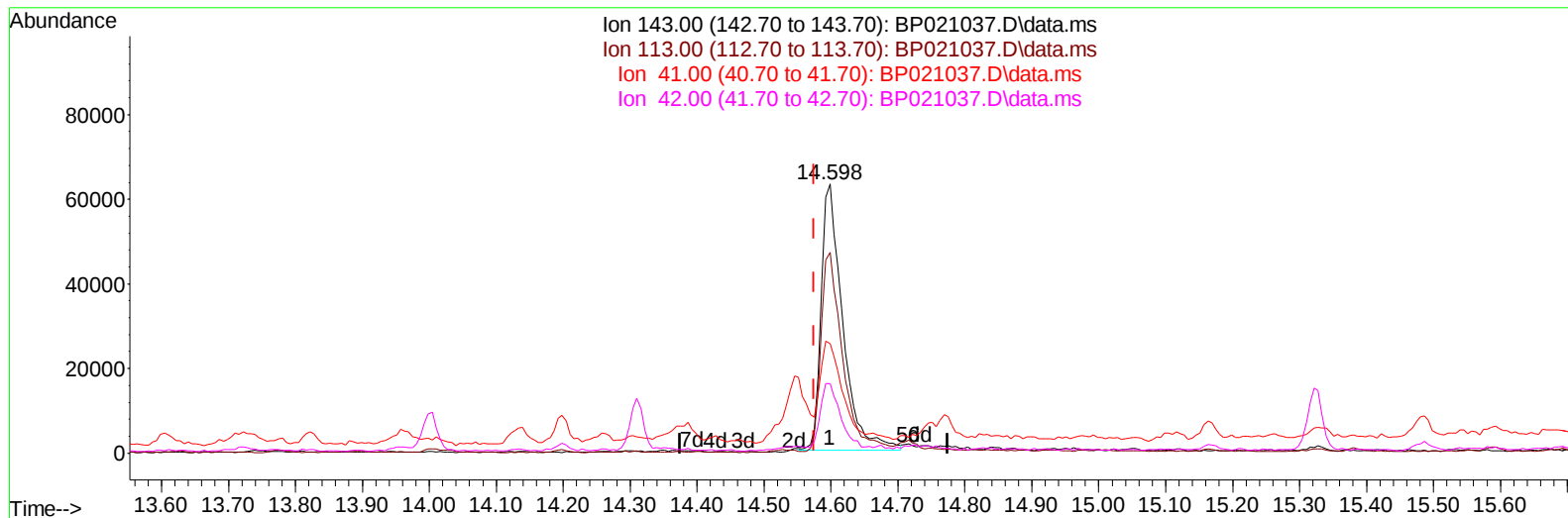
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021037.D
Acq On : 18 Jul 2024 05:46
Operator : MA/JU
Sample : P3215-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D43

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:14:23 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 06:13:40 2024
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



TIC: BP021037.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.023) 22.16 ng/ul m

response 140554

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	74.58
41.00	37.90	40.69
42.00	27.10	25.86

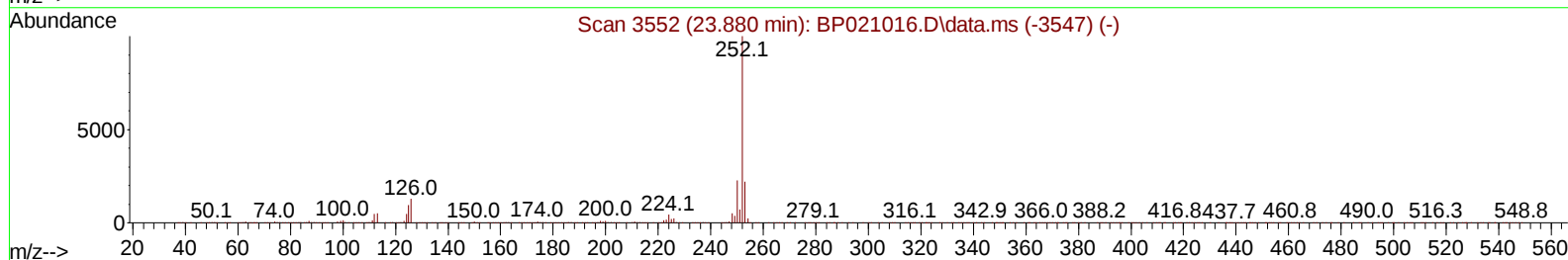
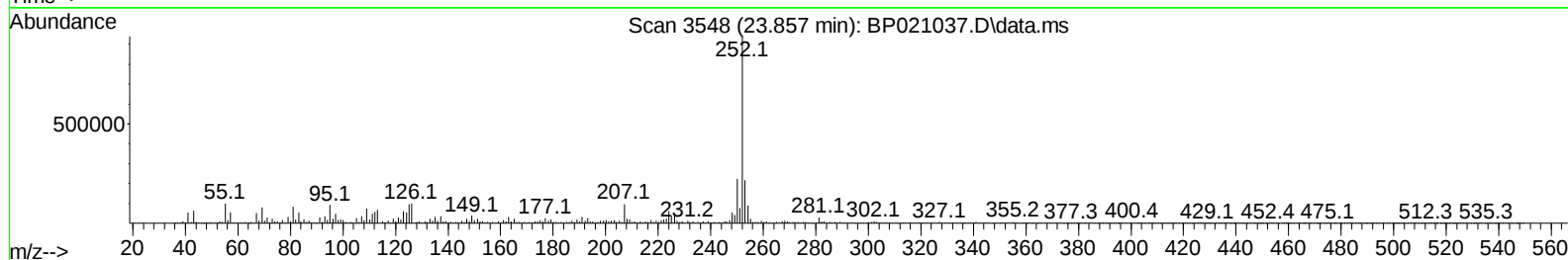
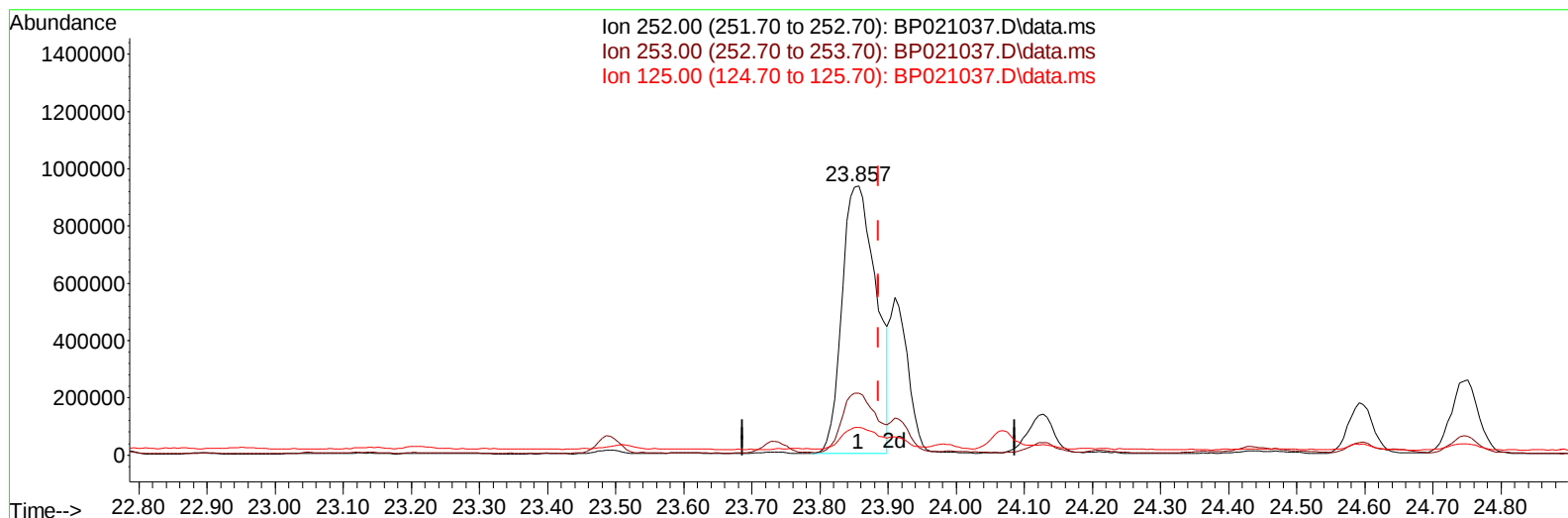
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Data File : BP021037.D
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TIC: BP021037.D\data.ms

(91) Benzo(k)fluoranthene

23.857min (-0.030) 42.75 ng/u1

response 3278936

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.99
125.00	9.20	10.30
0.00	0.00	0.00

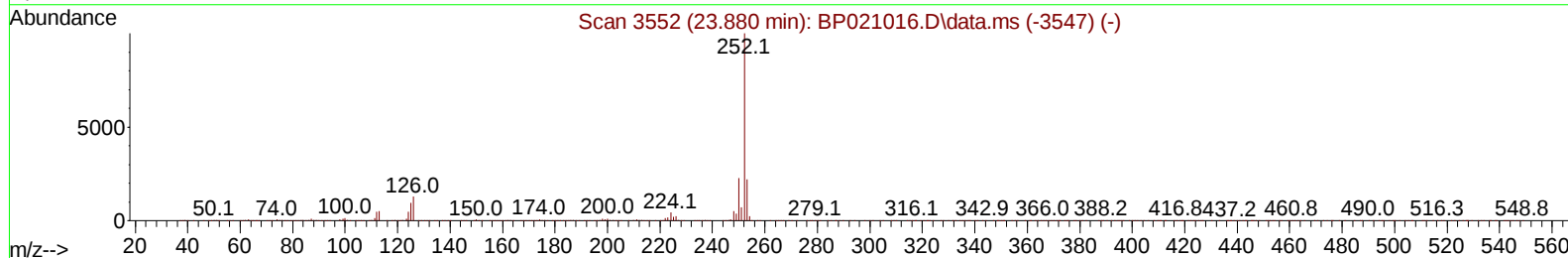
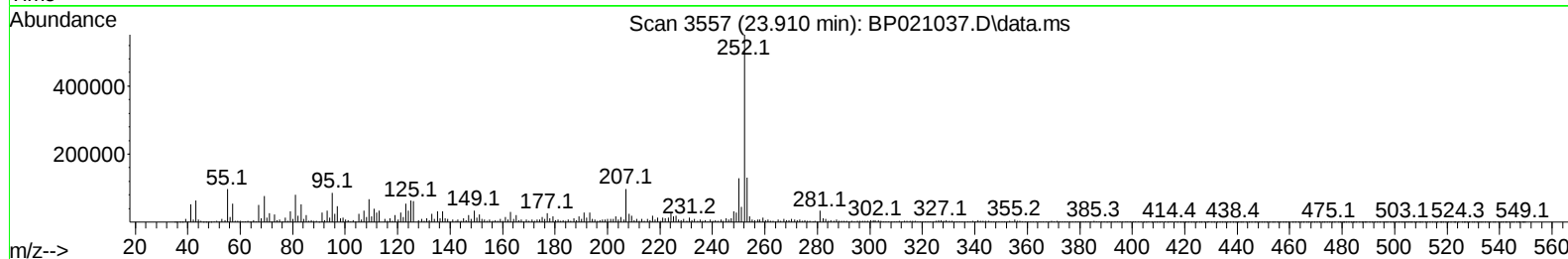
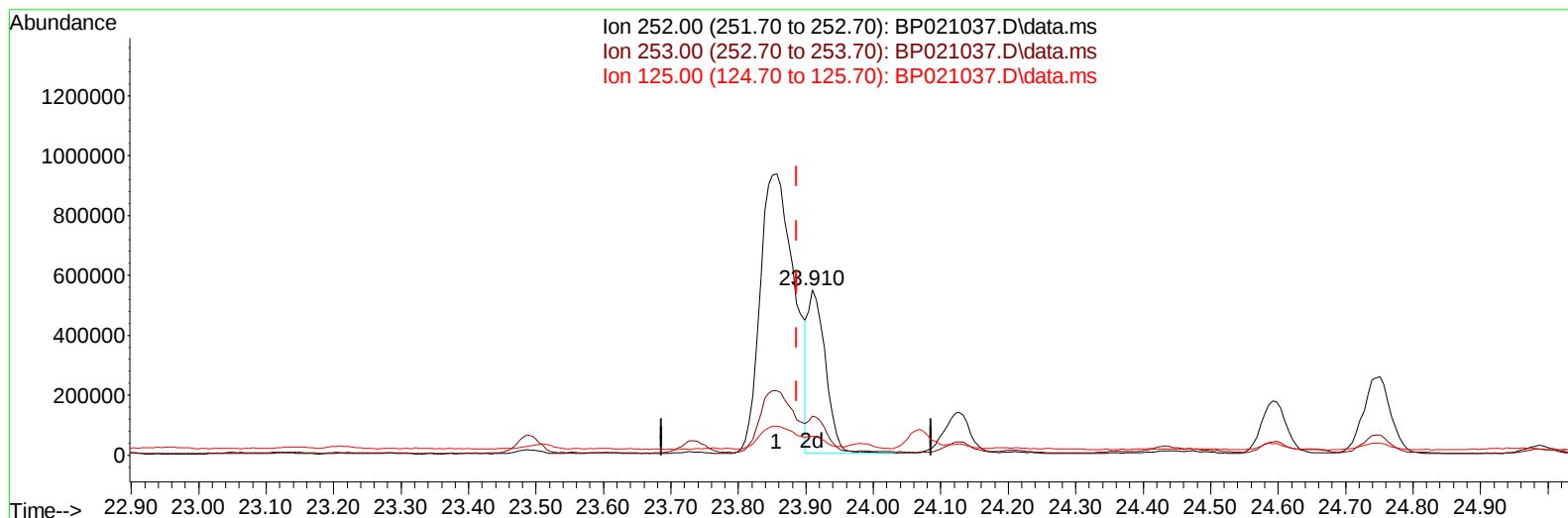
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TIC: BP021037.D\data.ms

(91) Benzo(k)fluoranthene

23.910min (+ 0.023) 13.08 ng/ul m

response 1003252

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.75
125.00	9.20	11.45#
0.00	0.00	0.00

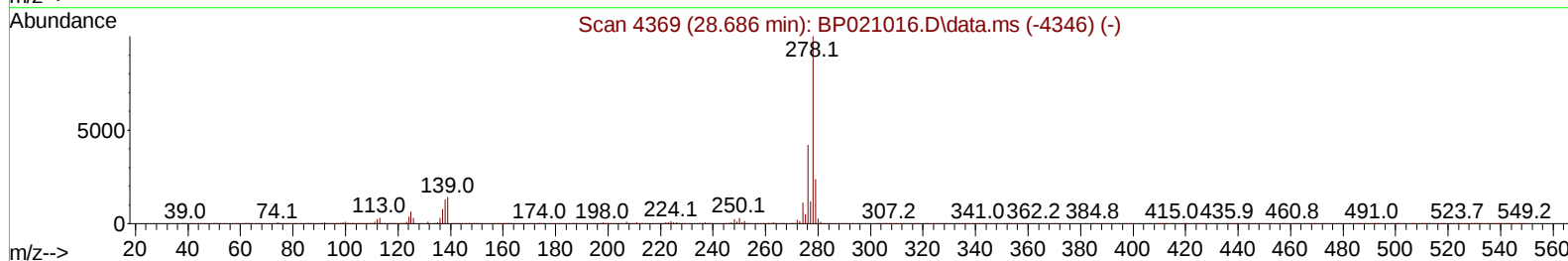
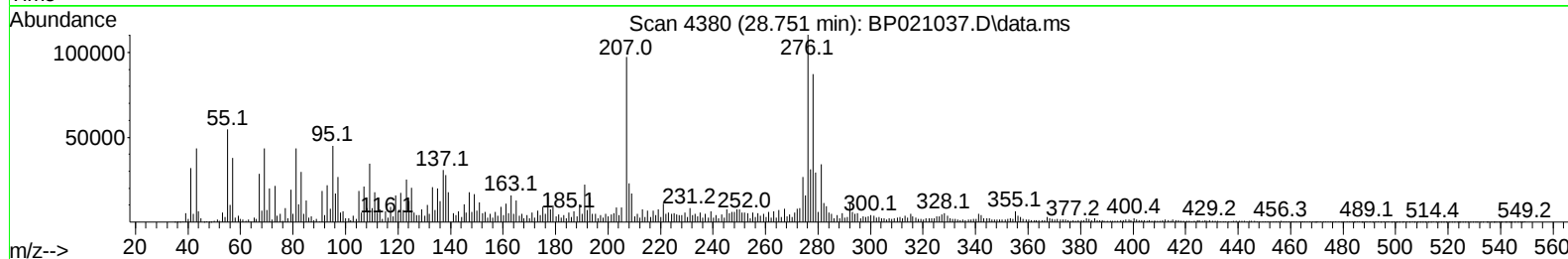
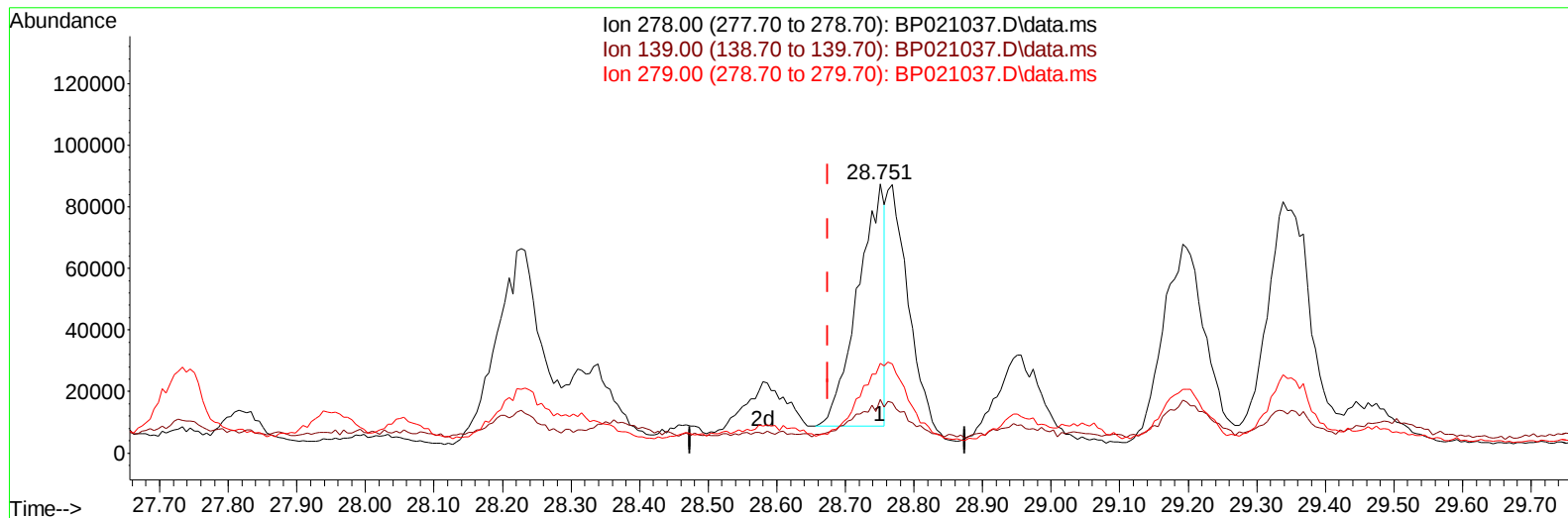
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021037.D
Acq On : 18 Jul 2024 05:46
Operator : MA/JU
Sample : P3215-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP021037.D\data.ms

(95) Dibenzo(a,h)anthracene

28.751min (+ 0.076) 2.74 ng/u1

response 211998

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.04#
279.00	24.20	33.27#
0.00	0.00	0.00

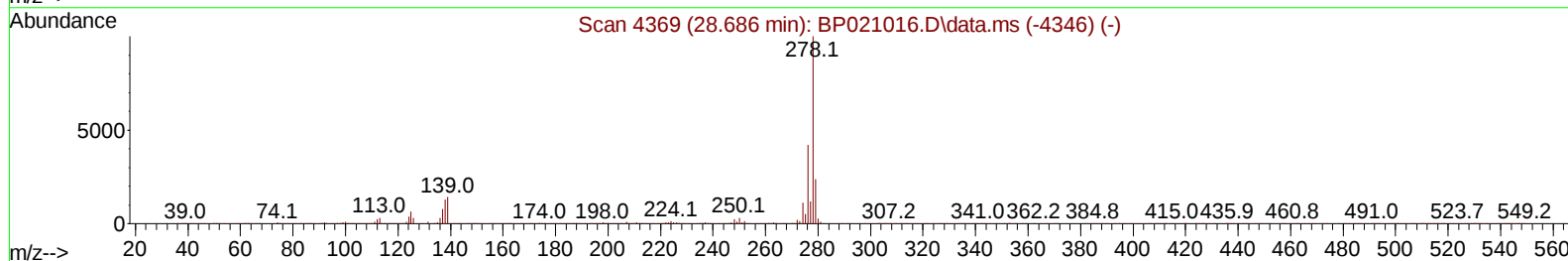
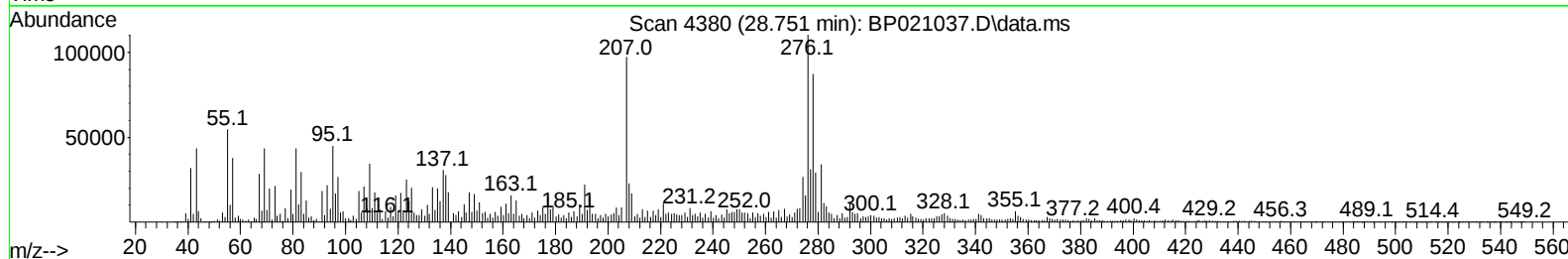
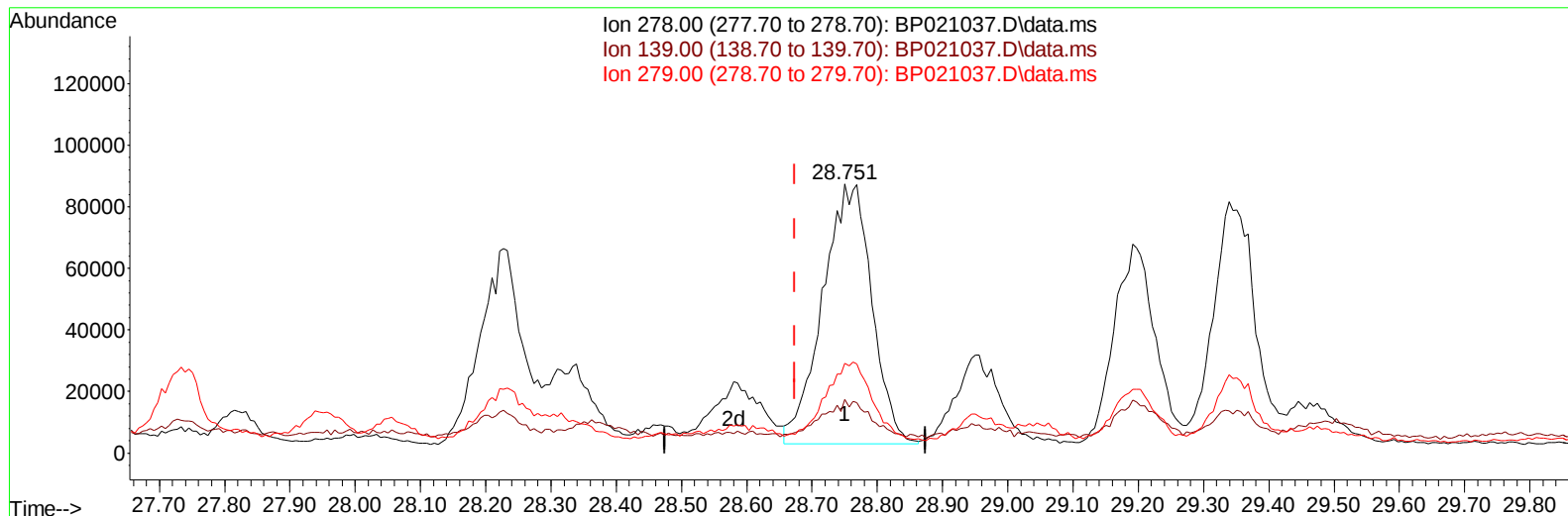
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
Data File : BP021037.D
Acq On : 18 Jul 2024 05:46
Operator : MA/JU
Sample : P3215-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4D43

Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:14:23 2024
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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BP021037.D\data.ms

(95) Dibenzo(a,h)anthracene

28.751min (+ 0.076) 5.67 ng/u1 m

response 439218

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	20.04#
279.00	24.20	33.27#
0.00	0.00	0.00

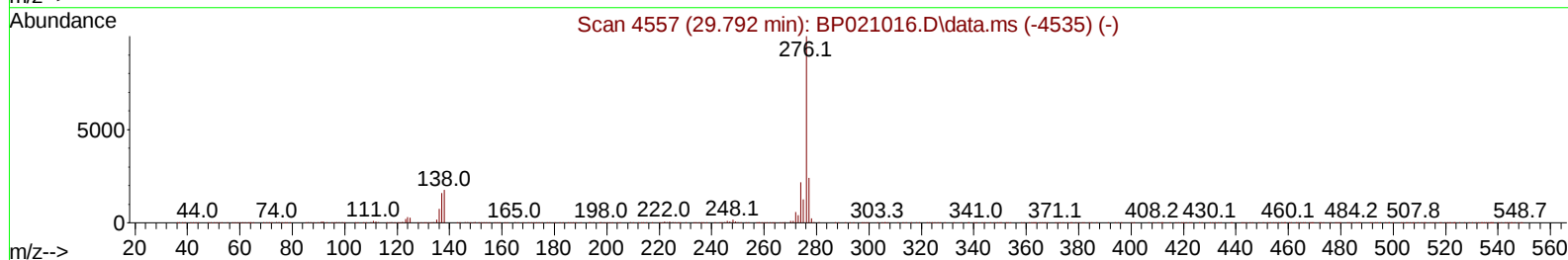
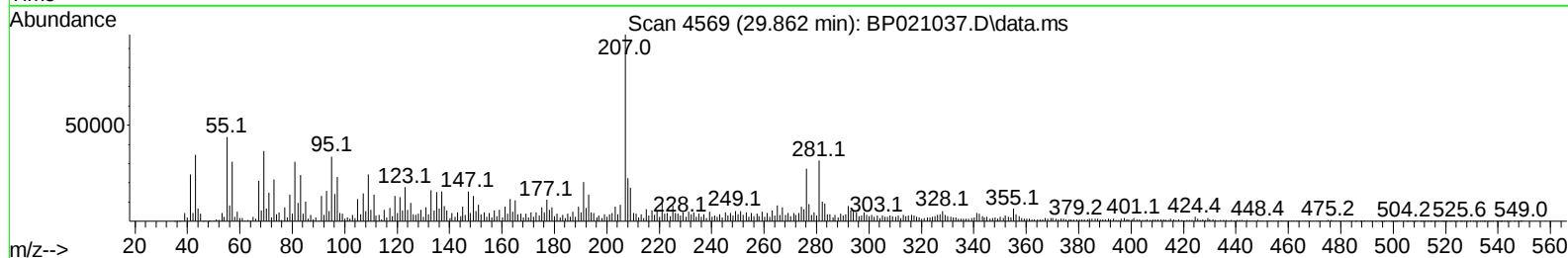
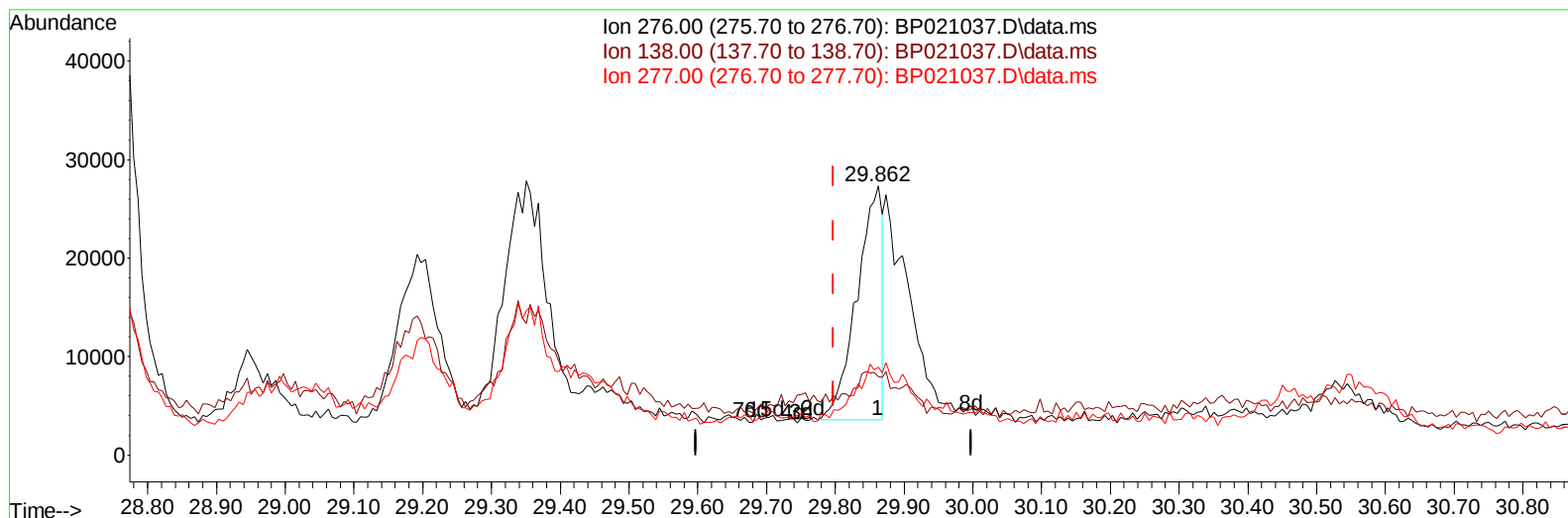
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Operator : MA/JU
Sample : P3215-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/18/2024
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TIC: BP021037.D\data.ms

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

29.862min (+ 0.065) 0.80 ng/u1

response 60963

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	29.24#
277.00	22.70	32.74#
0.00	0.00	0.00

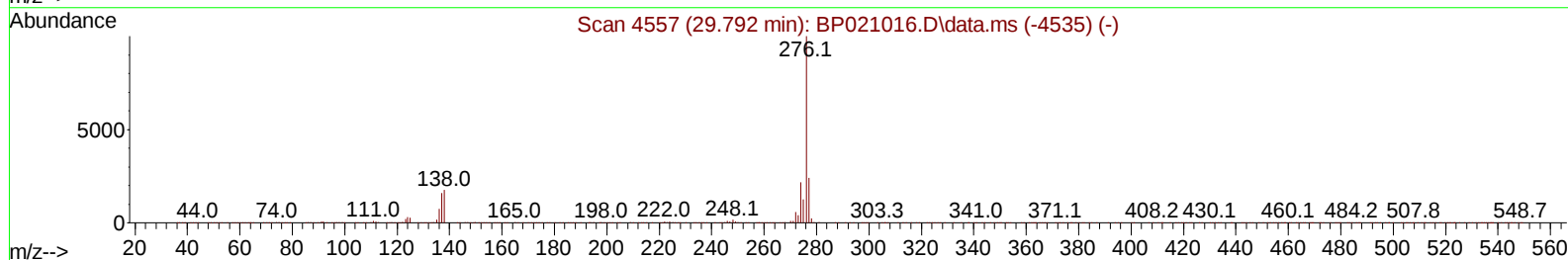
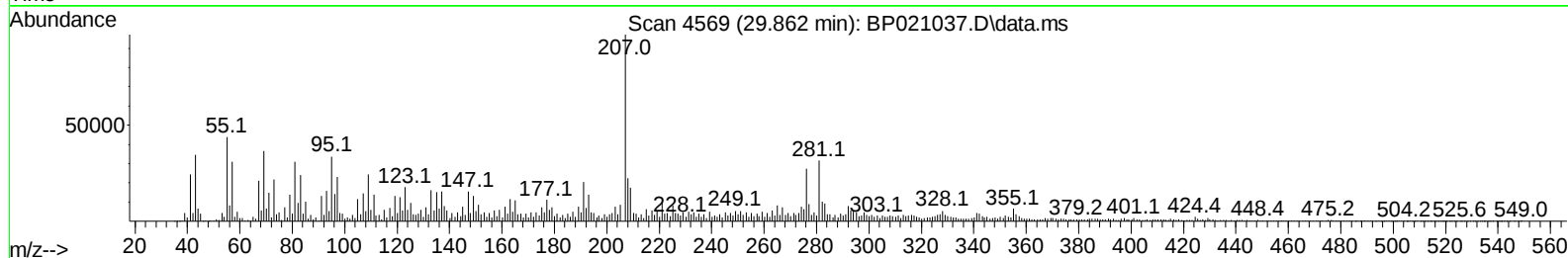
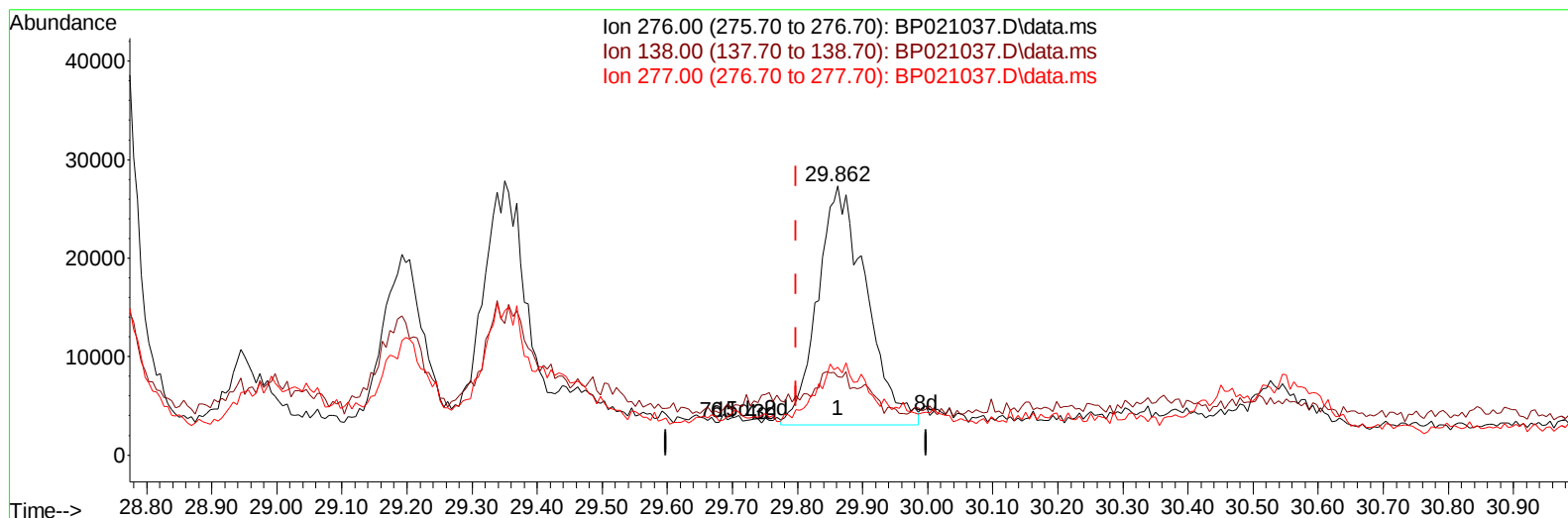
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071724\
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Sample : P3215-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BP021037.D\data.ms

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

29.862min (+ 0.065) 1.65 ng/u1 m

response 125489

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	29.24#
277.00	22.70	32.74#
0.00	0.00	0.00

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Instrument :
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Manual IntegrationsAPPROVED

Quant Time: Jul 18 06:16:38 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.687	152		225077	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136		934164	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164		613178	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.134	188		1222871	20.000	ng/ul	0.01
79) Chrysene-d12	21.586	240		1050706	20.000	ng/ul	# 0.02
88) Perylene-d12	24.904	264		1266423	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.240	96		14800	2.992	ng/uL	0.00
4) Pyridine-d5	3.664	84		38254	2.671	ng/ul	0.00
7) Phenol-d5	6.899	99		375784	20.479	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67		238277	21.427	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132		334206	22.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.410	113		197959	12.989	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128		171165	23.590	ng/ul	0.01
24) 2-Nitrophenol-d4	9.546	143		201239	24.232	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.104	165		338867	22.566	ng/ul	0.02
31) 4-Chloroaniline-d4	0.000	131		0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.722	166		1136293	25.492	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160		1238994	24.754	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143		140554m	22.162	ng/ul	0.02
60) Fluorene-d10	15.322	176		958478	26.210	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200		103425	13.978	ng/ul	0.02
73) Anthracene-d10	17.222	188		1392302	25.634	ng/ul	0.00
81) Pyrene-d10	19.616	212		1108032	17.057	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.674	264		727303	11.644	ng/ul	0.04
Target Compounds							
						Qvalue	
16) Acetophenone	8.516	105		23840	1.014	ng/ul	96
30) Naphthalene	10.499	128		65038	1.324	ng/ul	98
50) Acenaphthylene	14.028	152		210914	3.722	ng/ul	99
52) Acenaphthene	14.375	153		45614	1.213	ng/ul	96
61) Fluorene	15.387	166		62450	1.486	ng/ul	98
72) Phenanthrene	17.169	178		1374297	21.664	ng/ul	99
74) Anthracene	17.257	178		359218	5.554	ng/ul	99
77) Carbazole	17.563	167		149287	2.824	ng/ul	96
78) Di-n-butylphthalate	18.128	149		103950	1.425	ng/ul#	95
80) Fluoranthene	19.269	202		3466113	44.184	ng/ul	99
82) Pyrene	19.645	202		2015905	25.253	ng/ul	100
83) Butylbenzylphthalate	20.586	149		107116	3.221	ng/ul	88
85) Benzo(a)anthracene	21.563	228		1658889	22.538	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.474	149		775378	16.200	ng/ul	99
87) Chrysene	21.633	228		2052812	30.015	ng/ul	96
90) Benzo(b)fluoranthene	23.857	252		3278936	42.665	ng/ul	96
91) Benzo(k)fluoranthene	23.910	252		1003252m	13.081	ng/ul	
93) Benzo(a)pyrene	24.751	252		731318	10.070	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.715	276		959749	10.256	ng/ul	96
95) Dibenzo(a,h)anthracene	28.751	278		439218m	5.668	ng/ul	
96) Benzo(g,h,i)perylene	29.862	276		125489m	1.647	ng/ul	

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Manual IntegrationsAPPROVED

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

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

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