

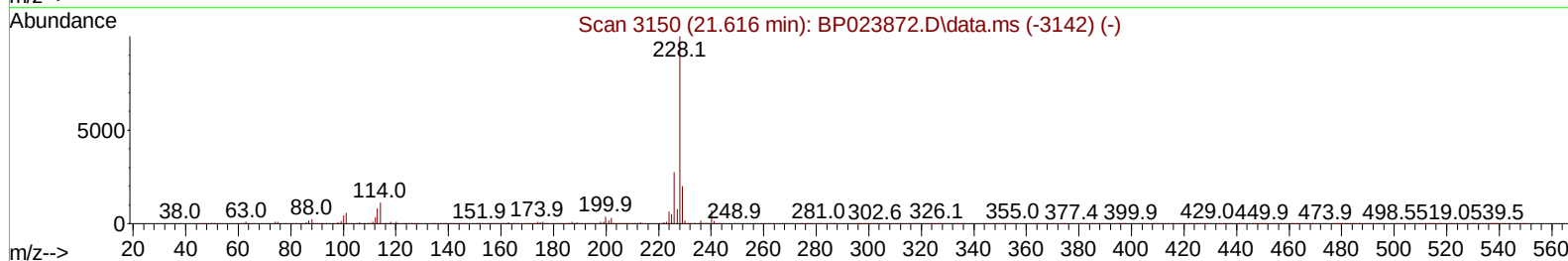
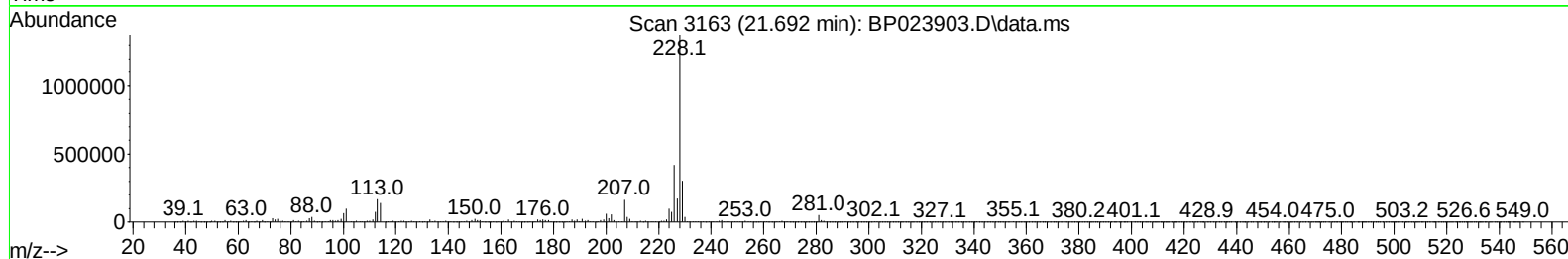
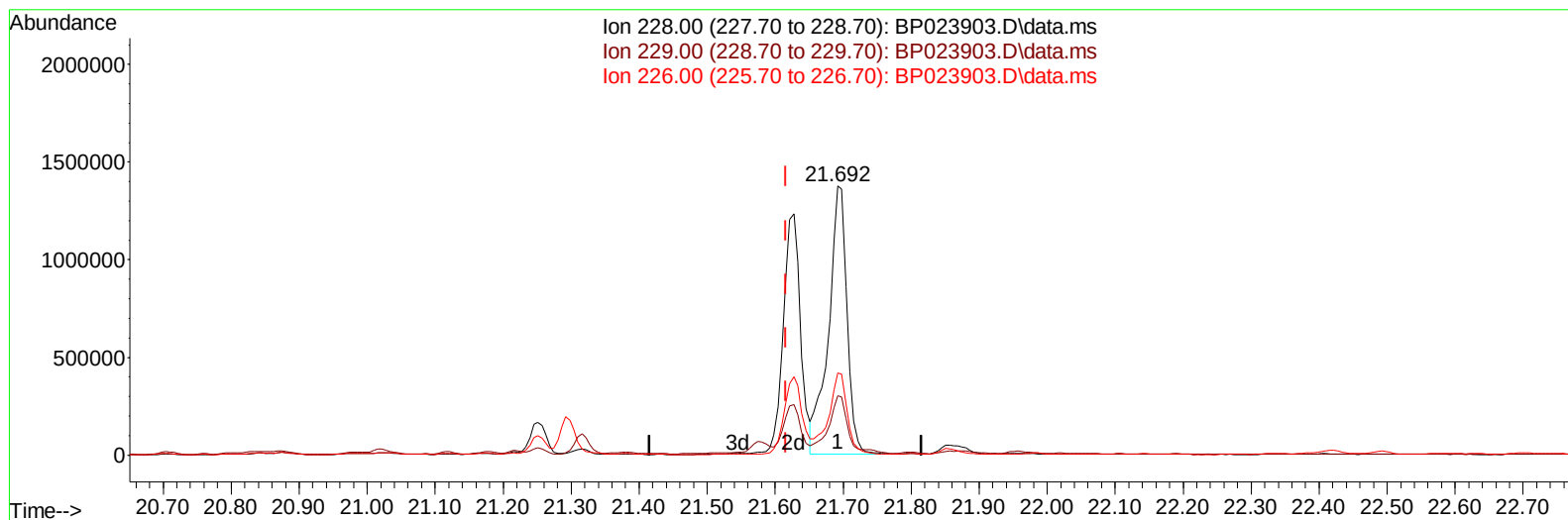
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:14:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025



TIC: BP023903.D\data.ms

(85) Benzo(a)anthracene

21.692min (+ 0.077) 15.70 ng/ul

response 2602851

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	22.17
226.00	27.10	30.58
0.00	0.00	0.00

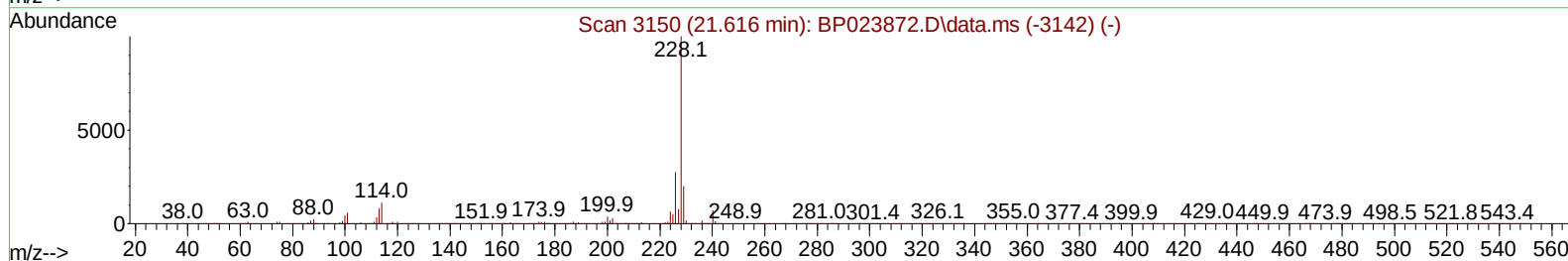
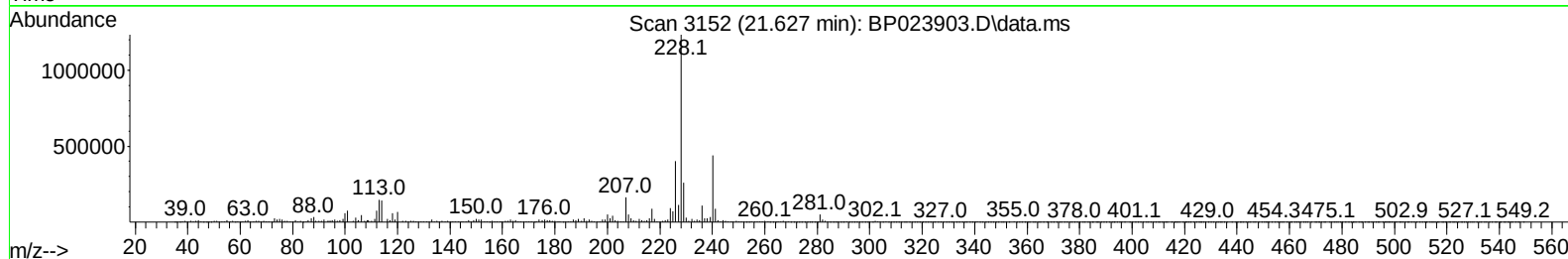
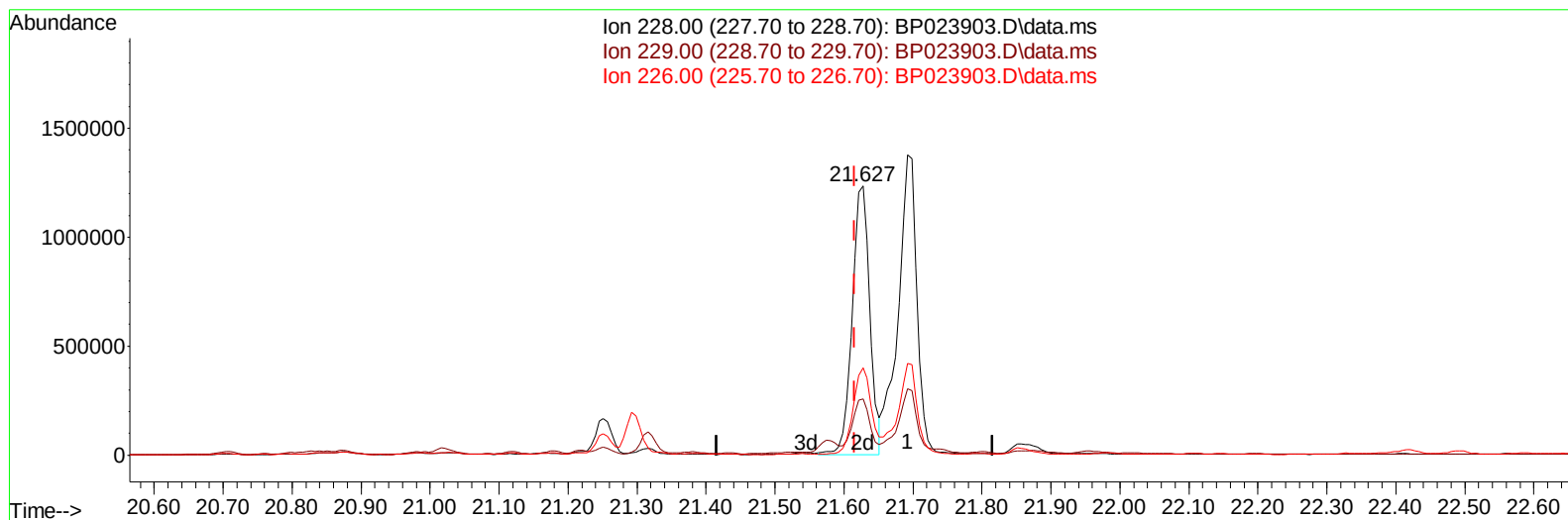
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
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TIC: BP023903.D\data.ms

(85) Benzo(a)anthracene

21.627min (+ 0.012) 13.21 ng/ul m

response 2190860

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.90	21.00
226.00	27.10	32.53#
0.00	0.00	0.00

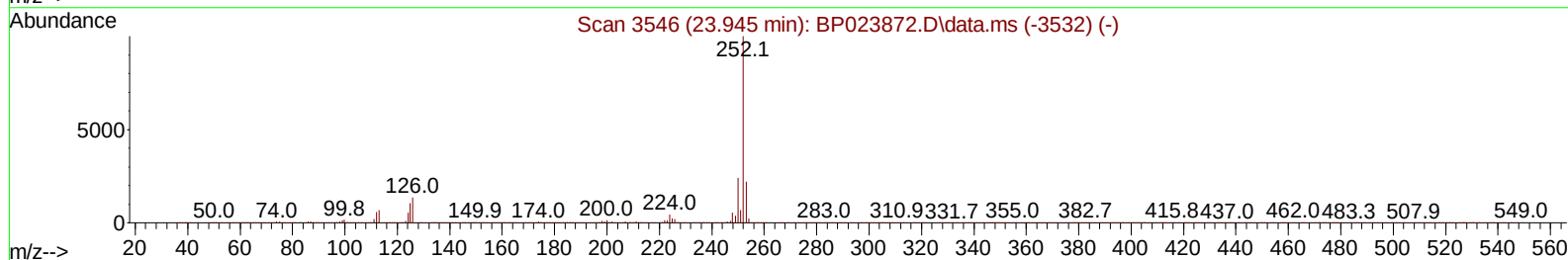
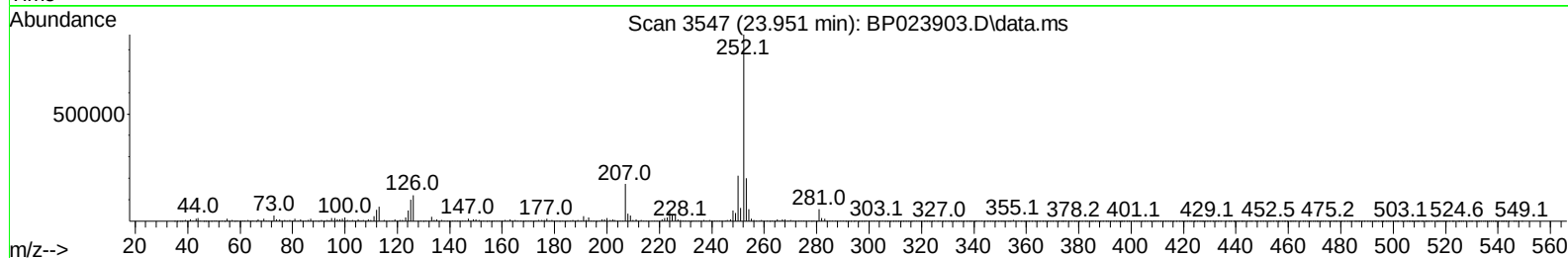
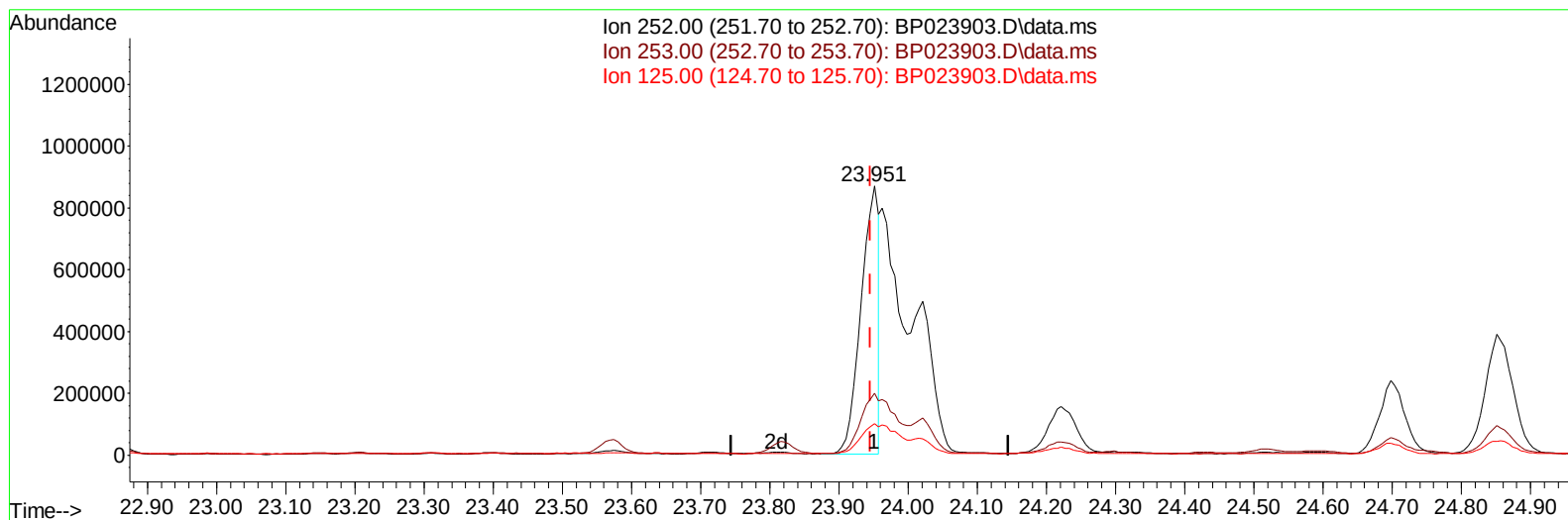
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TIC: BP023903.D\data.ms

(90) Benzo(b)fluoranthene

23.951min (+ 0.006) 9.38 ng/u1

response 1555546

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.98
125.00	10.20	11.62
0.00	0.00	0.00

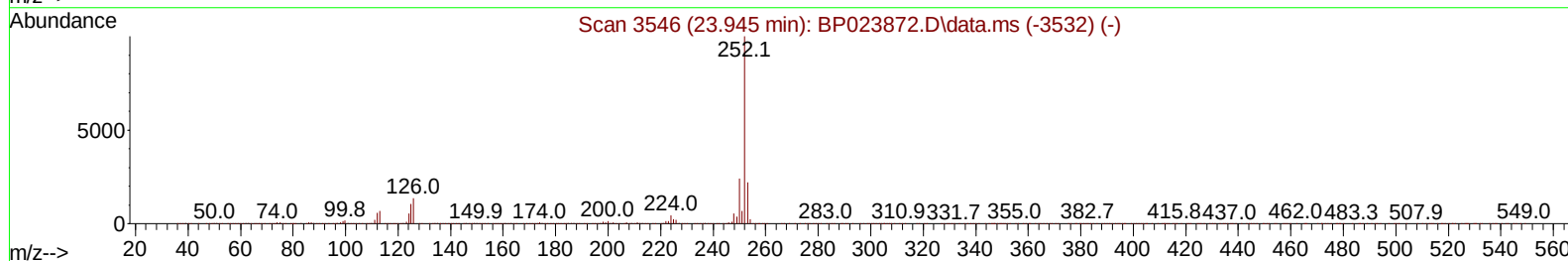
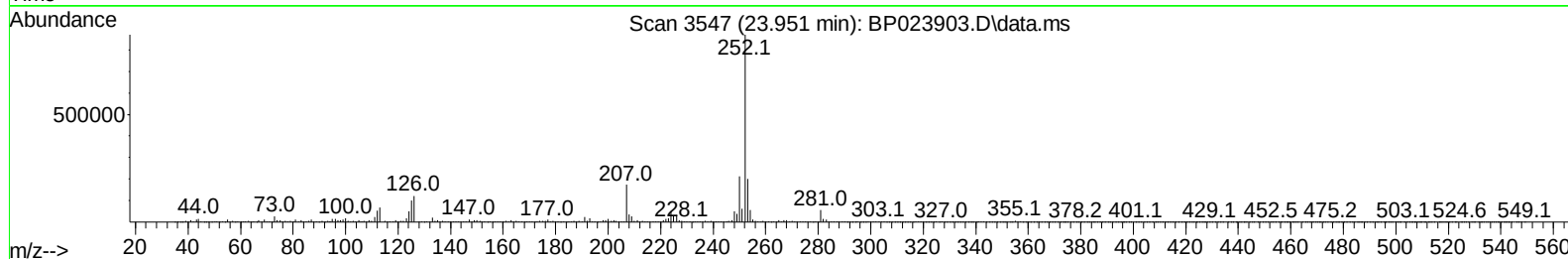
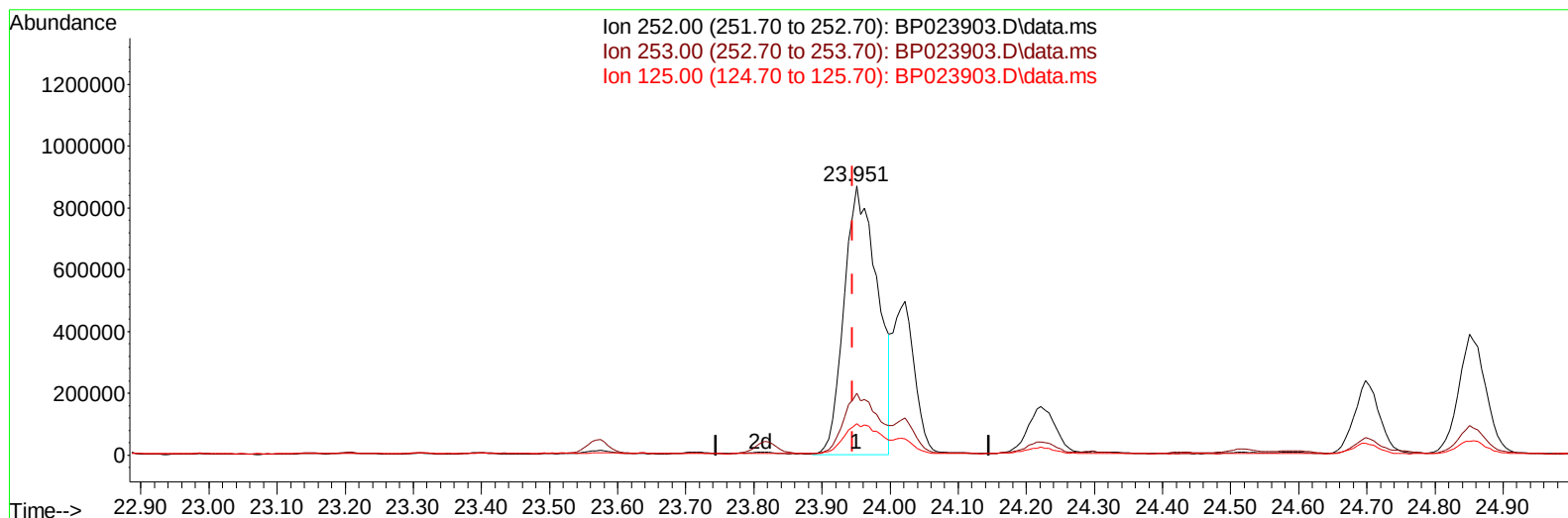
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BP023903.D\data.ms

(90) Benzo(b)fluoranthene

23.951min (+ 0.006) 17.92 ng/ul m

response 2972916

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	22.98
125.00	10.20	11.62
0.00	0.00	0.00

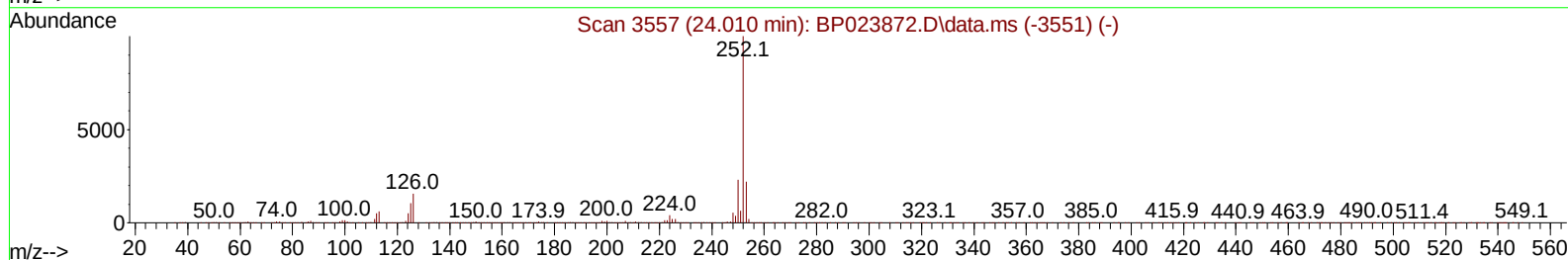
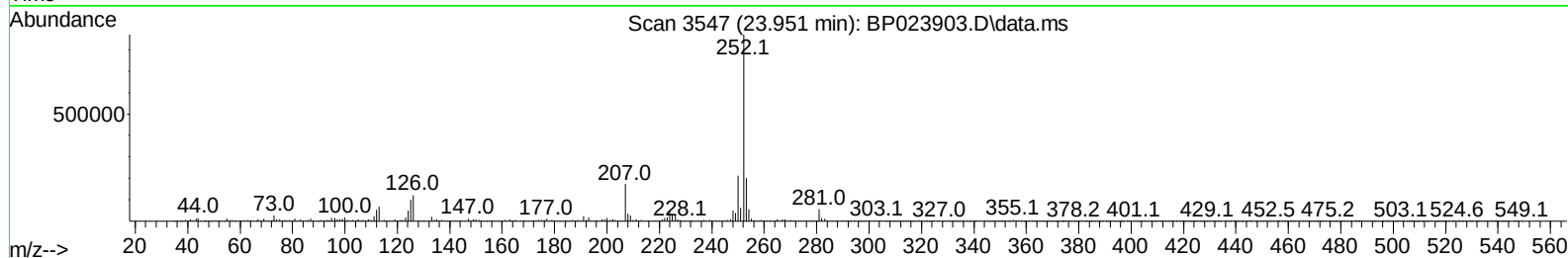
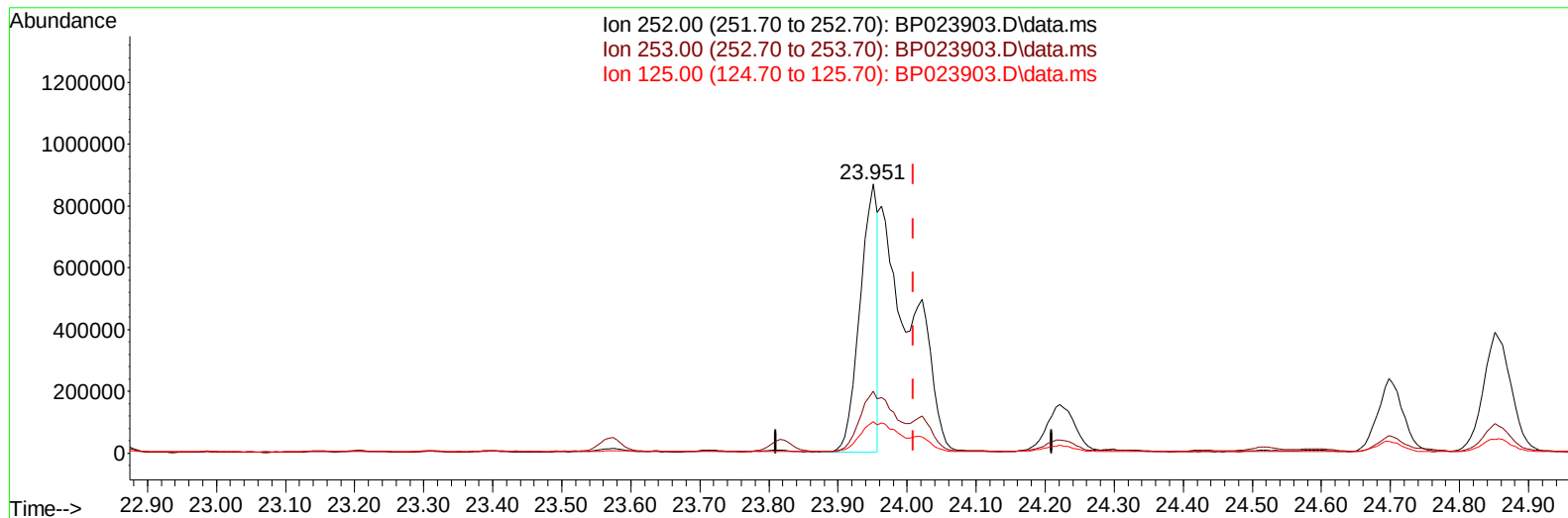
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

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TIC: BP023903.D\data.ms

(91) Benzo(k)fluoranthene

23.951min (-0.059) 9.35 ng/u1

response 1555546

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	22.98
125.00	10.60	11.62
0.00	0.00	0.00

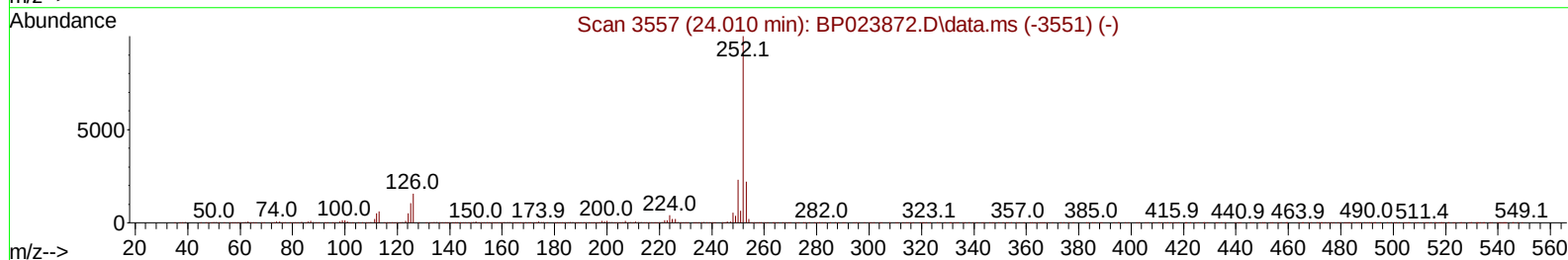
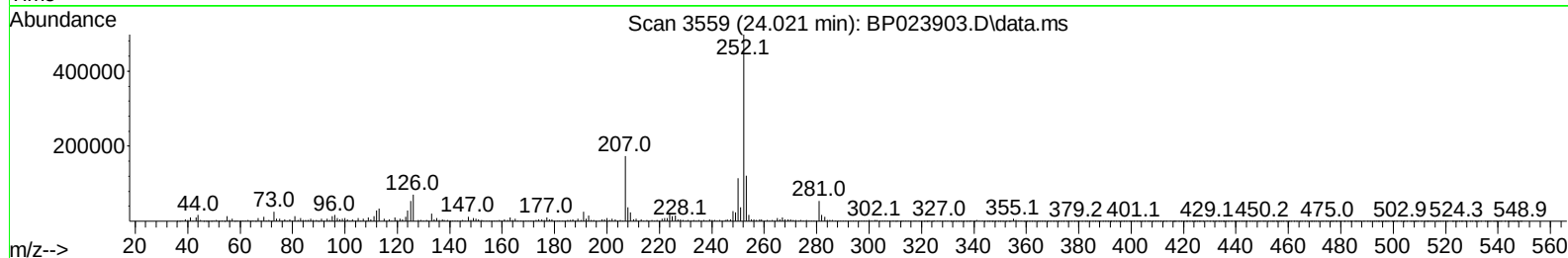
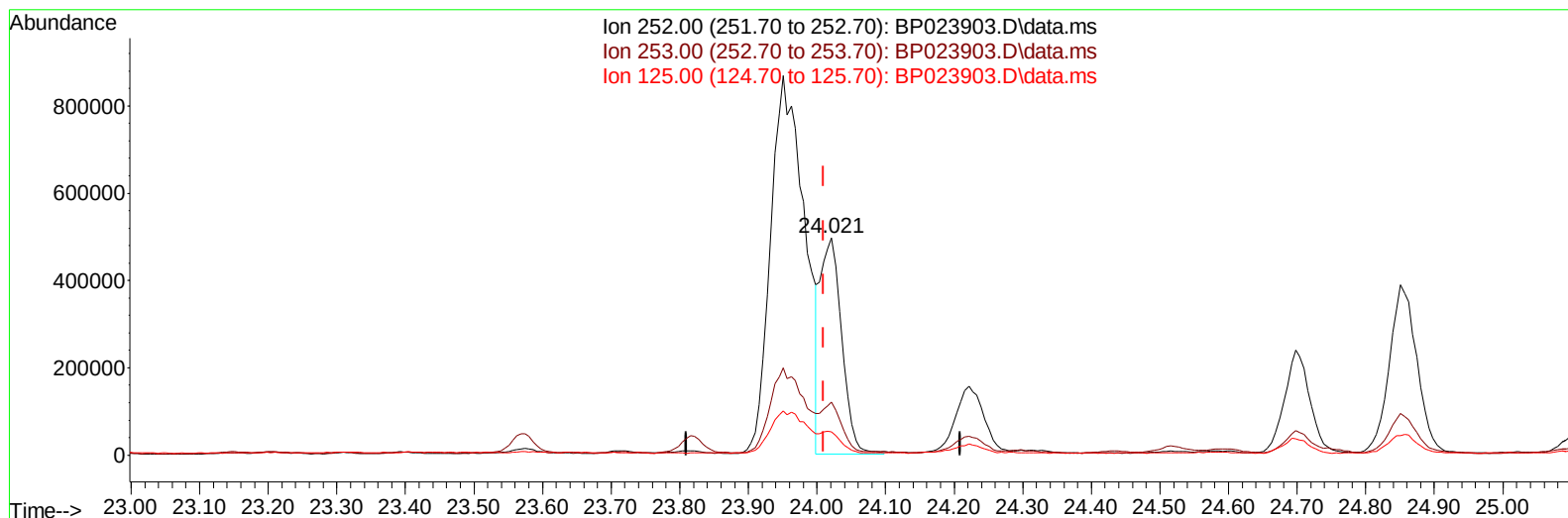
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44T0

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 04 08:14:21 2025
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TIC: BP023903.D\data.ms

(91) Benzo(k)fluoranthene

24.021min (+ 0.012) 6.47 ng/ul m

response 1076886

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.20	24.32
125.00	10.60	10.76
0.00	0.00	0.00

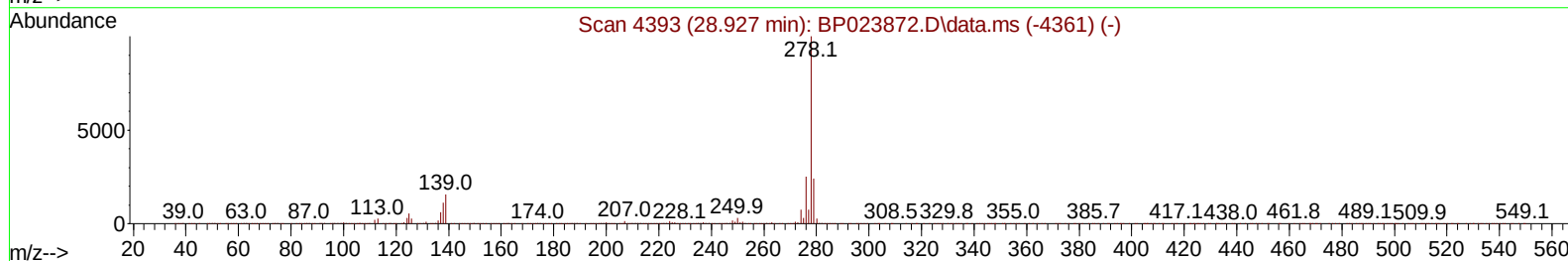
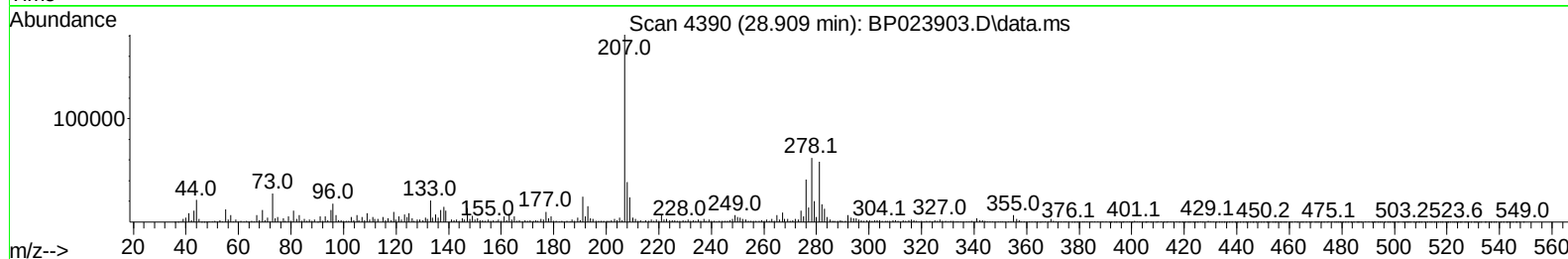
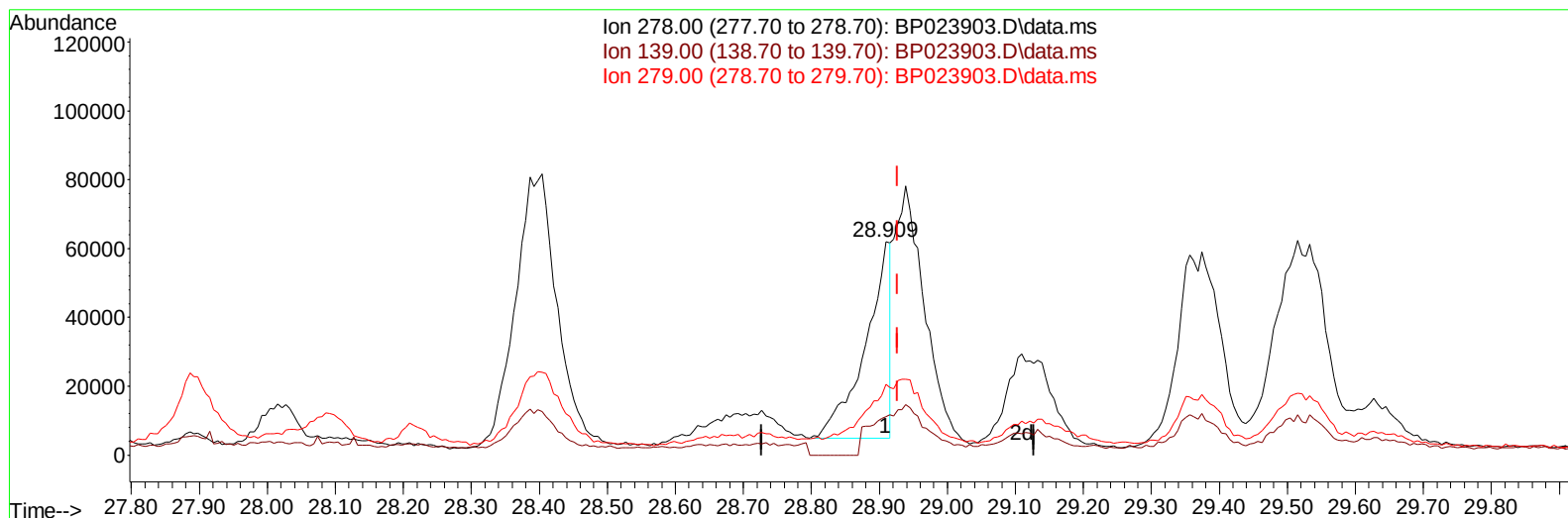
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Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:16:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
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TIC: BP023903.D\data.ms

(95) Dibenzo(a,h)anthracene

28.909min (-0.018) 0.90 ng/u1

response 147189

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	17.87
279.00	23.80	33.01#
0.00	0.00	0.00

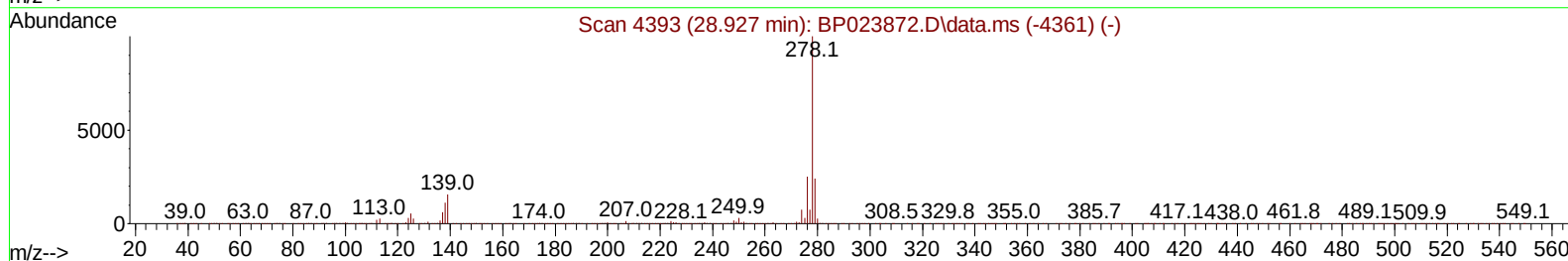
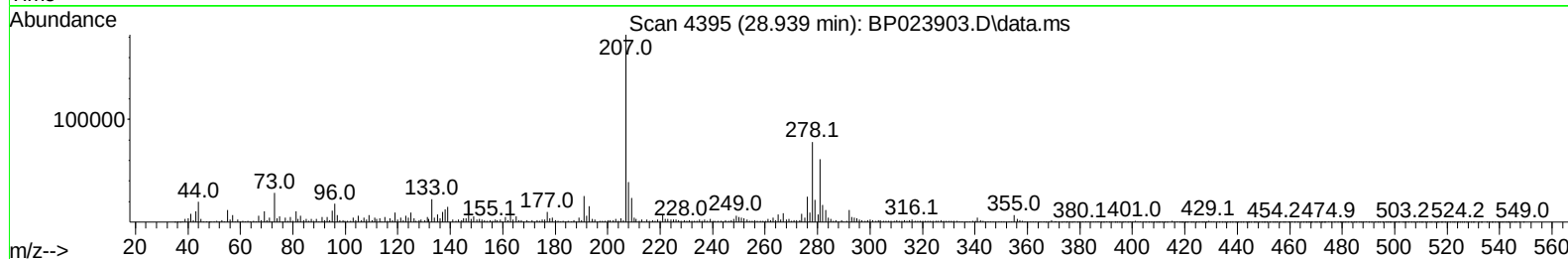
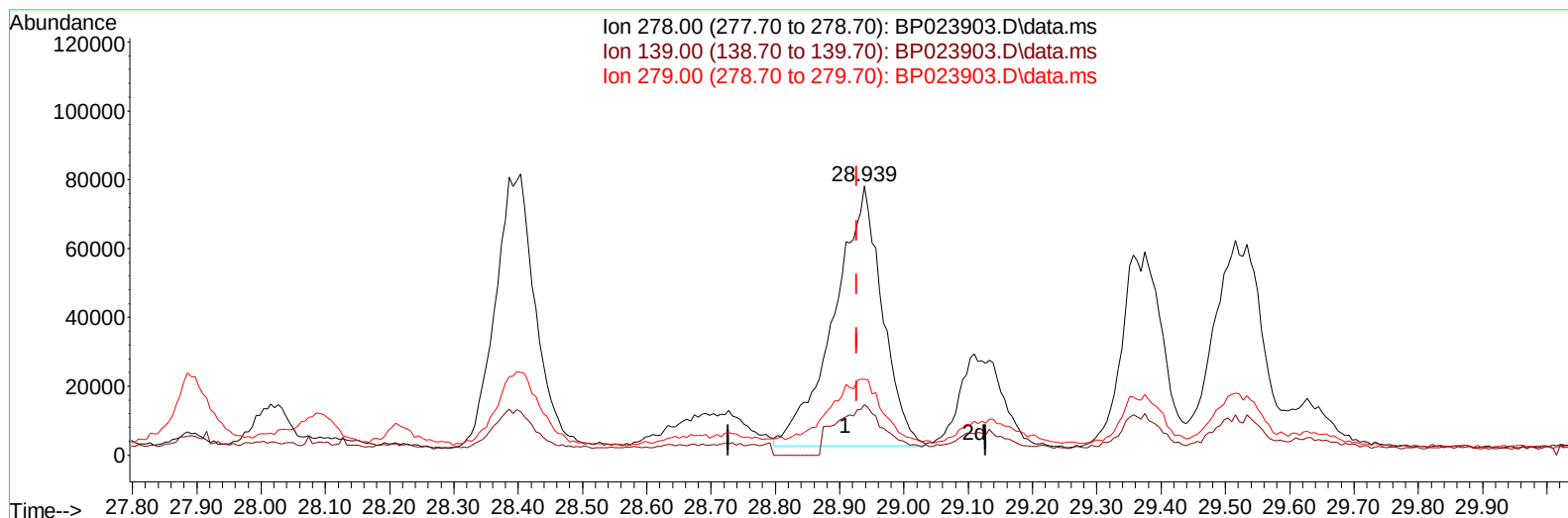
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023903.D
Acq On : 04 Feb 2025 07:26
Operator : RC/JU
Sample : Q1190-11
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_P
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Manual IntegrationsAPPROVED

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TIC: BP023903.D\data.ms

(95) Dibenzo(a,h)anthracene

28.939min (+ 0.012) 2.42 ng/ul m

response 394589

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	15.90	18.73
279.00	23.80	28.08
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
 Data File : BP023903.D
 Acq On : 04 Feb 2025 07:26
 Operator : RC/JU
 Sample : Q1190-11
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A44T0

Manual IntegrationsAPPROVED

Quant Time: Feb 04 08:16:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 11:19:36 2025
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152		442654	20.000	ng/ul	0.00
20) Naphthalene-d8	10.546	136		2045826	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.393	164		1329563	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188		2596259	20.000	ng/ul	0.02
79) Chrysene-d12	21.639	240		2521944	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264		2734207	20.000	ng/ul	0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96		24779	2.326	ng/uL	0.00
4) Pyridine-d5	3.711	84		86517	2.814	ng/ul	0.00
7) Phenol-d5	6.958	99		501486	12.802	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67		289977	13.985	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132		423041	13.752	ng/ul	0.00
15) 4-Methylphenol-d8	8.475	113		285581	8.924	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128		206252	12.601	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143		213970	12.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165		414844	12.804	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131		206360	4.259	ng/ul	0.01
46) Dimethylphthalate-d6	13.793	166		1296089	13.069	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160		1441372	12.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143		140024	7.110	ng/ul	0.00
60) Fluorene-d10	15.398	176		1083492	12.974	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200		105956	6.615	ng/ul	0.01
73) Anthracene-d10	17.298	188		1651739	12.957	ng/ul	0.01
81) Pyrene-d10	19.669	212		1567779	11.602	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.780	264		950012	6.659	ng/ul	0.00
Target Compounds							
						Qvalue	
8) Phenol	6.987	94		100348	2.495	ng/ul	99
16) Acetophenone	8.587	105		429180	8.773	ng/ul	98
50) Acenaphthylene	14.116	152		471389	3.957	ng/ul	99
61) Fluorene	15.457	166		157298	1.620	ng/ul	97
72) Phenanthrene	17.245	178		3886549	26.508	ng/ul	100
74) Anthracene	17.334	178		537728	3.637	ng/ul	99
77) Carbazole	17.616	167		262026	2.023	ng/ul	99
80) Fluoranthene	19.322	202		5799770	37.261	ng/ul	98
82) Pyrene	19.698	202		4130325	25.375	ng/ul	98
85) Benzo(a)anthracene	21.627	228		2190860m	13.211	ng/ul	
86) Bis(2-ethylhexyl)phtha...	21.569	149		118075	1.155	ng/ul	98
87) Chrysene	21.692	228		2597849	17.001	ng/ul	97
90) Benzo(b)fluoranthene	23.951	252		2972916m	17.919	ng/ul	
91) Benzo(k)fluoranthene	24.021	252		1076886m	6.475	ng/ul	
93) Benzo(a)pyrene	24.851	252		1074238	6.934	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.839	276		988148	4.920	ng/ul	96
95) Dibenzo(a,h)anthracene	28.939	278		394589m	2.422	ng/ul	

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

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