

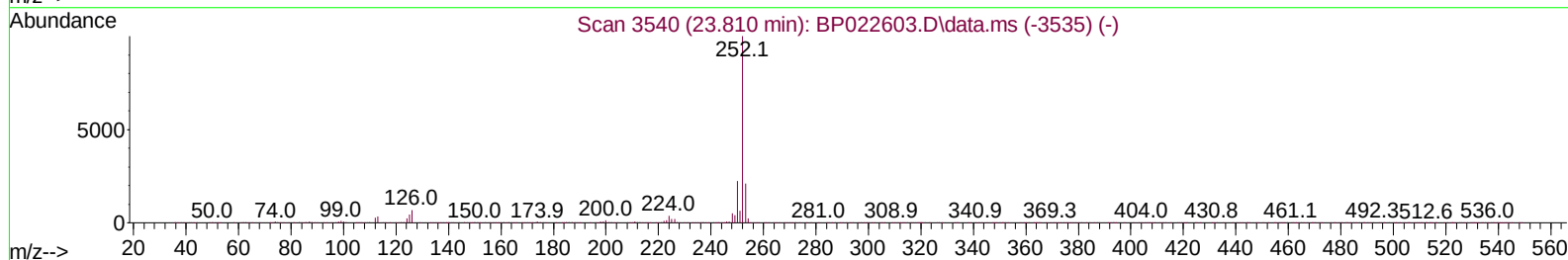
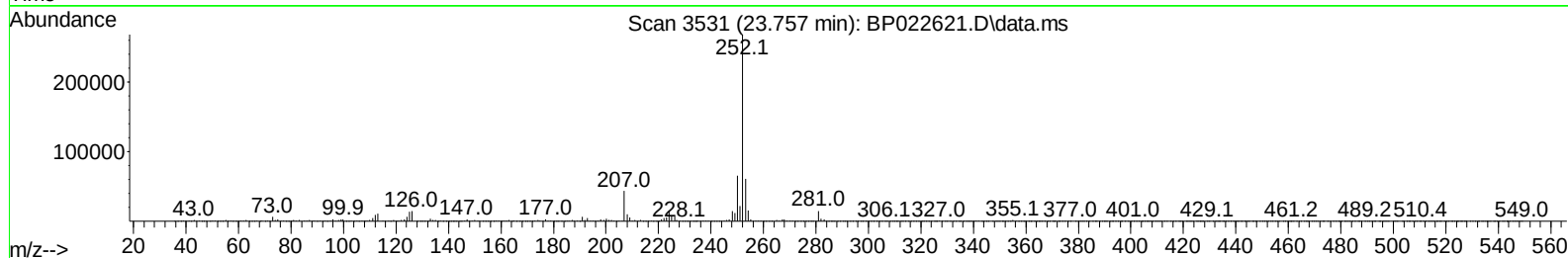
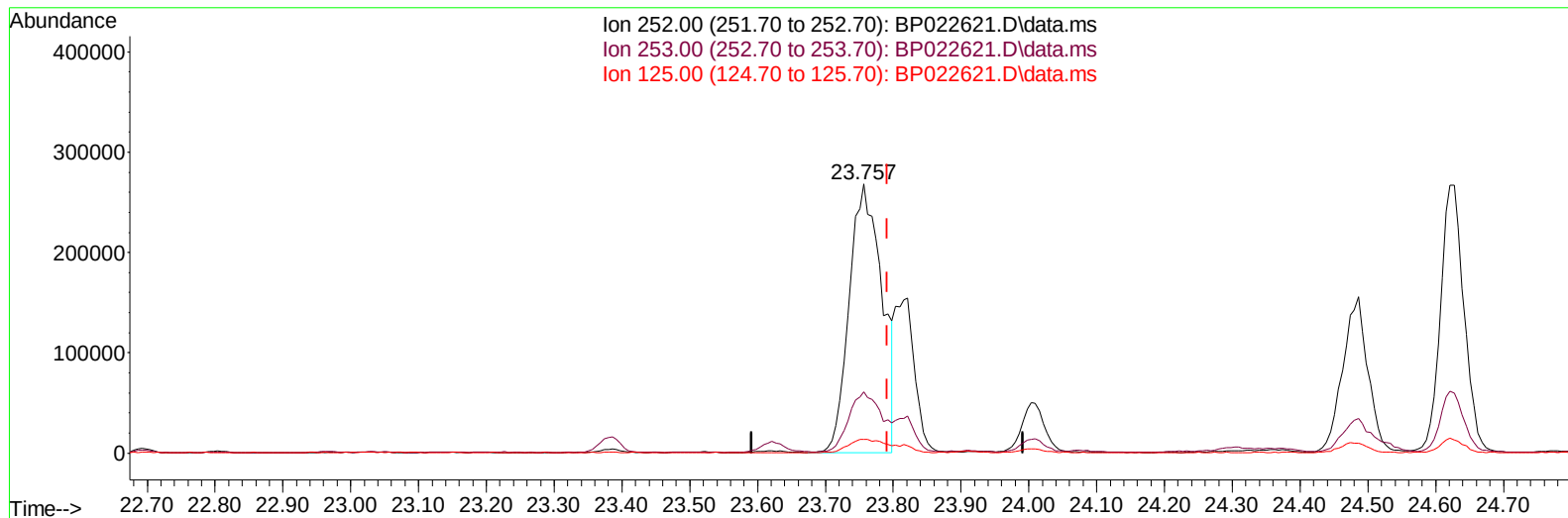
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022621.D
Acq On : 25 Oct 2024 22:01
Operator : RC/JU
Sample : P4436-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F47

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024

Quant Time: Oct 25 23:15:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 22 05:59:59 2024
Response via : Initial Calibration



TIC: BP022621.D\data.ms

(91) Benzo(k)fluoranthene

23.757min (-0.035) 15.77 ng/uI

response 895533

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	22.77
125.00	5.70	5.11
0.00	0.00	0.00

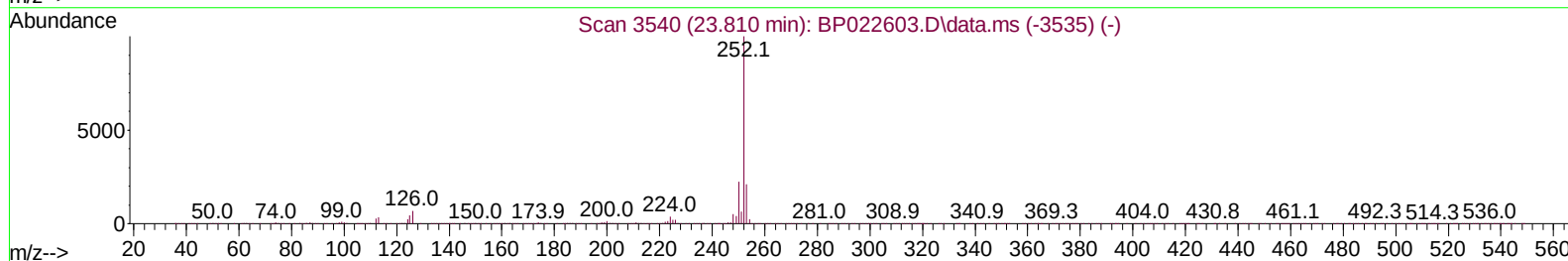
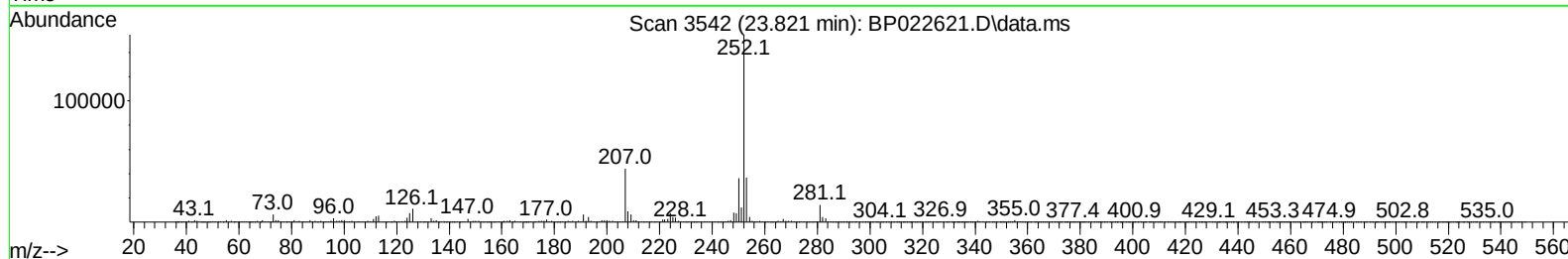
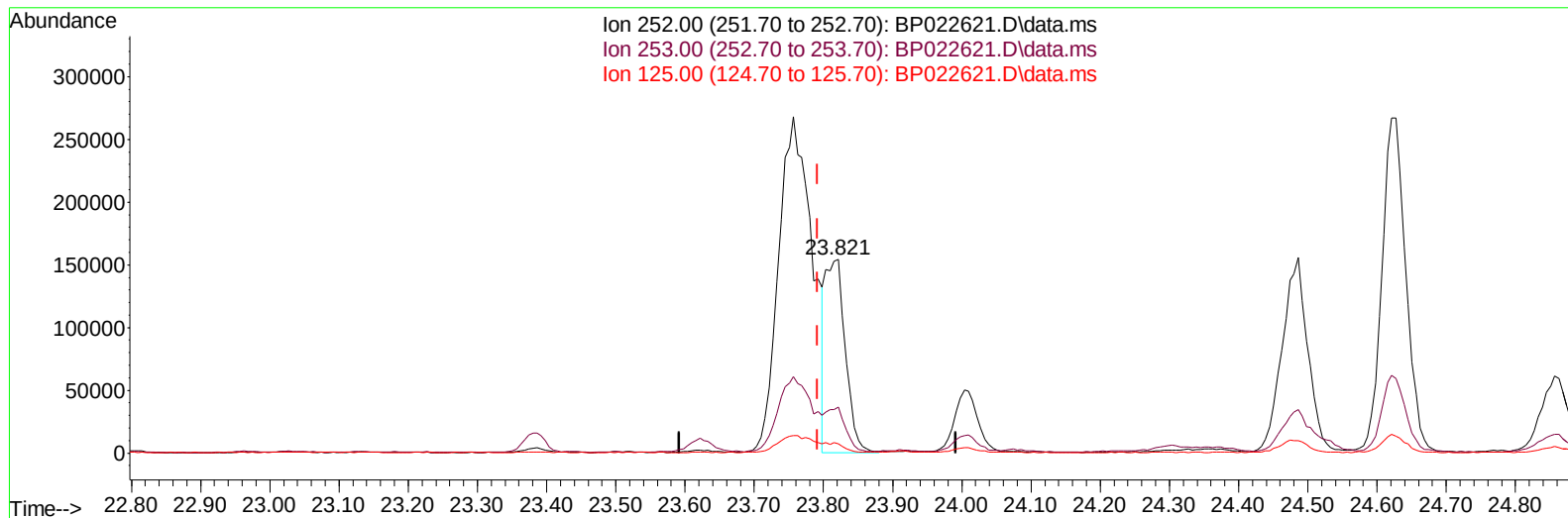
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Supervised By :mohammad ahmed 10/29/2024



TIC: BP022621.D\data.ms

(91) Benzo(k)fluoranthene

23.821min (+ 0.030) 5.39 ng/ul m

response 305917

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.70	23.86
125.00	5.70	4.78
0.00	0.00	0.00

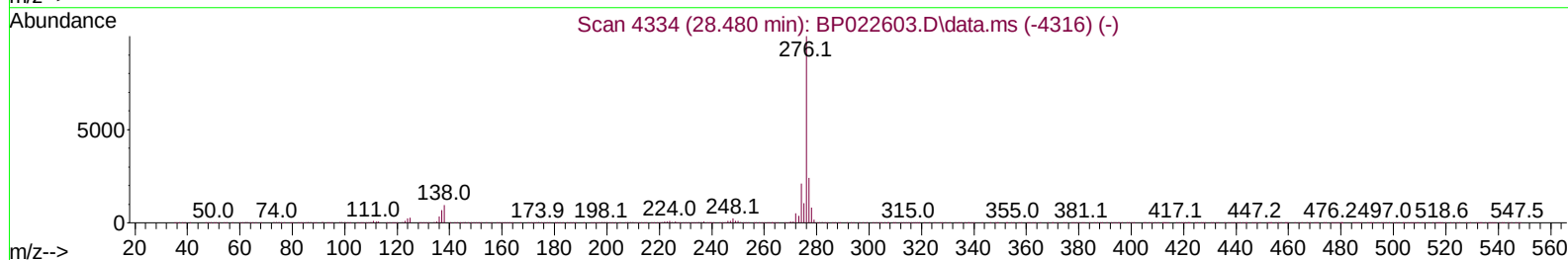
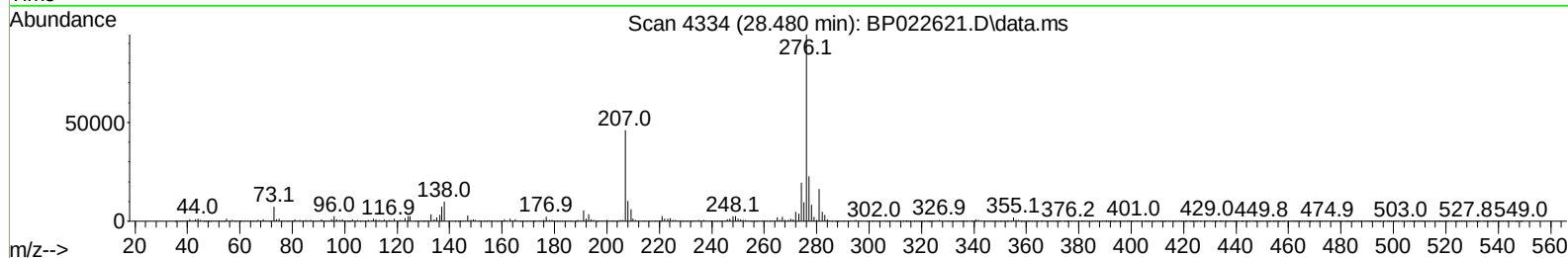
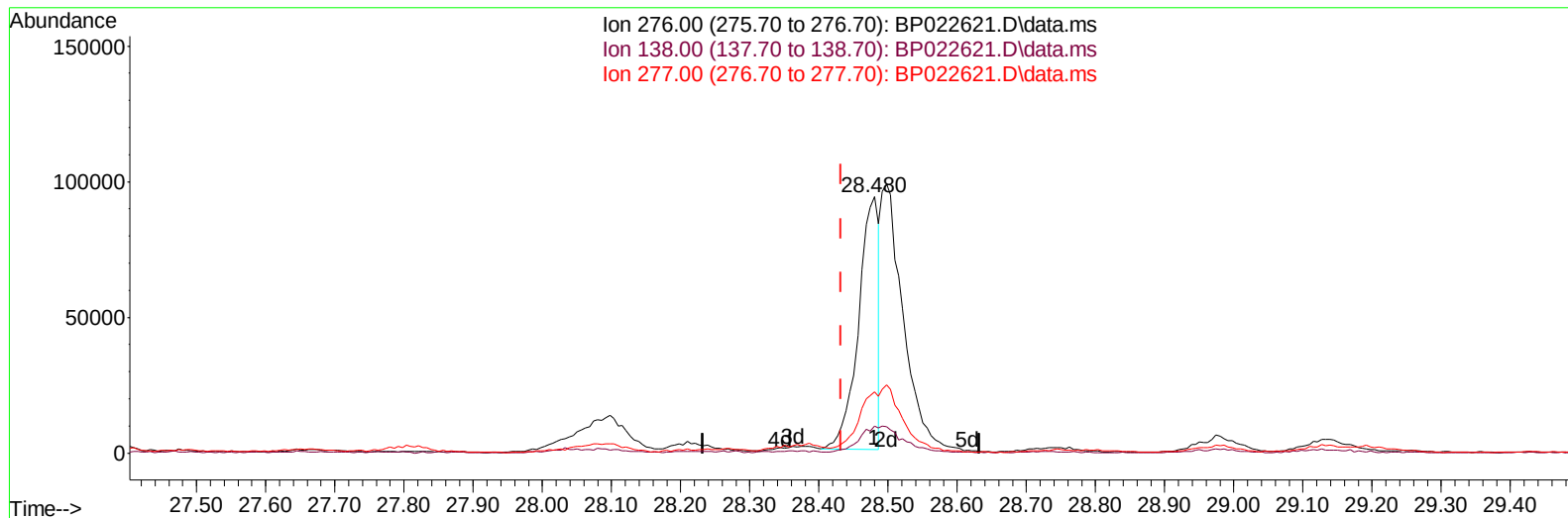
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ALS Vial : 21 Sample Multiplier: 1

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TIC: BP022621.D\data.ms

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

28.480min (+ 0.047) 2.66 ng/u1

response 189590

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	10.54
277.00	23.20	23.97
0.00	0.00	0.00

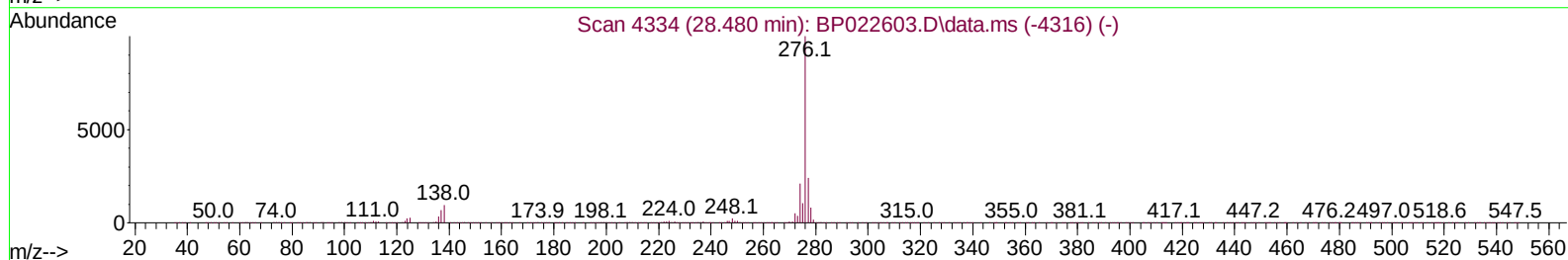
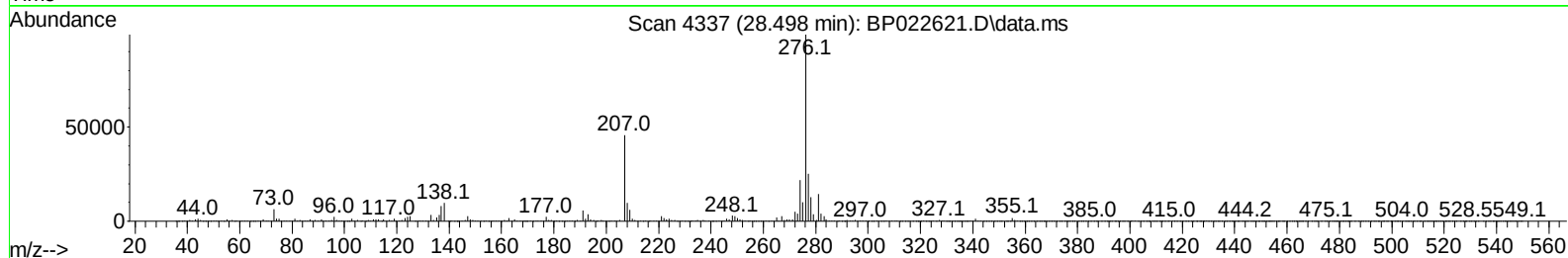
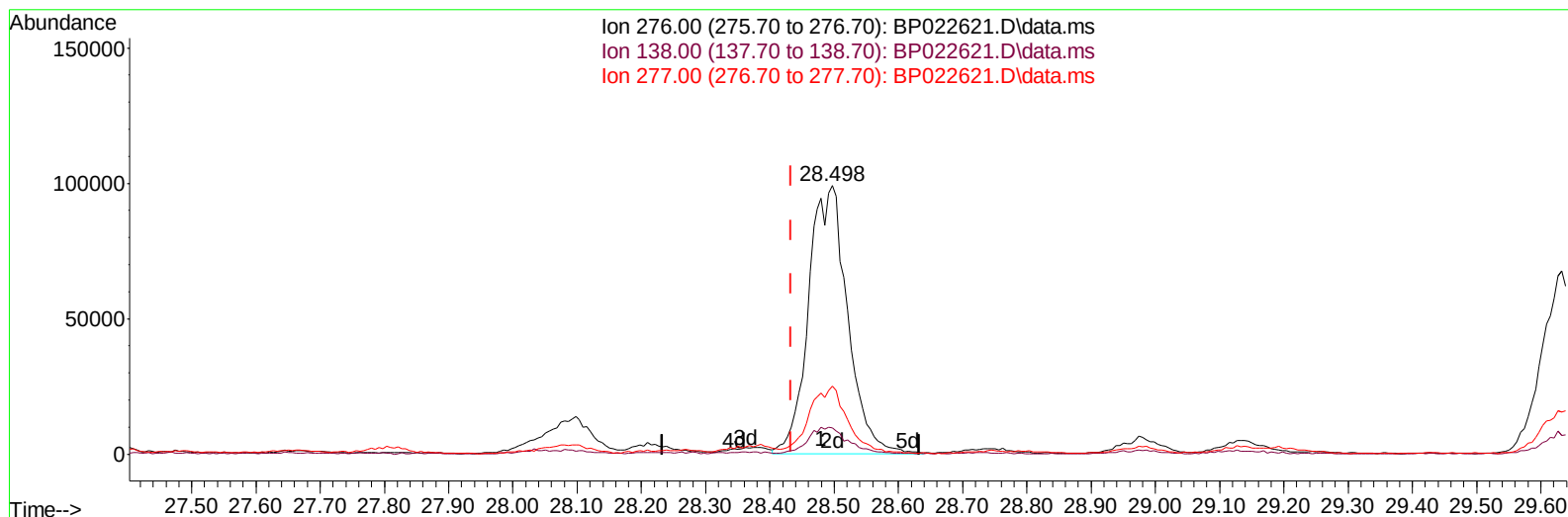
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
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Instrument :
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TIC: BP022621.D\data.ms

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

28.498min (+ 0.065) 5.89 ng/ul m

response 419332

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.74
277.00	23.20	25.27
0.00	0.00	0.00

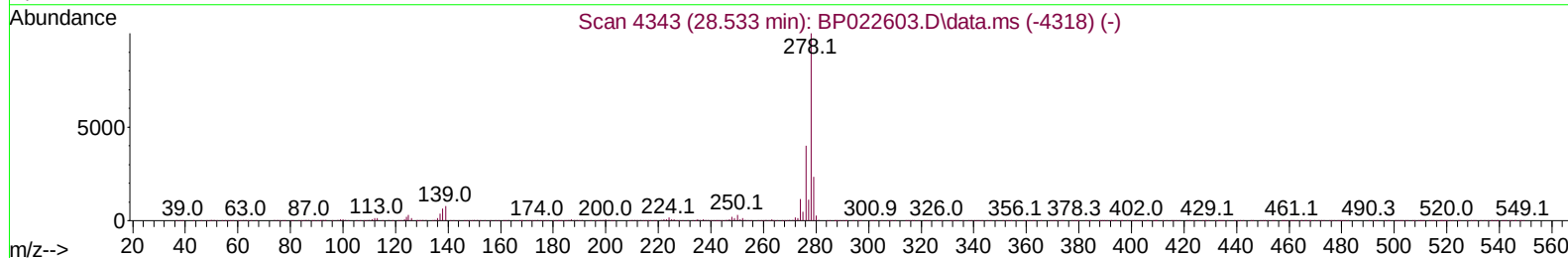
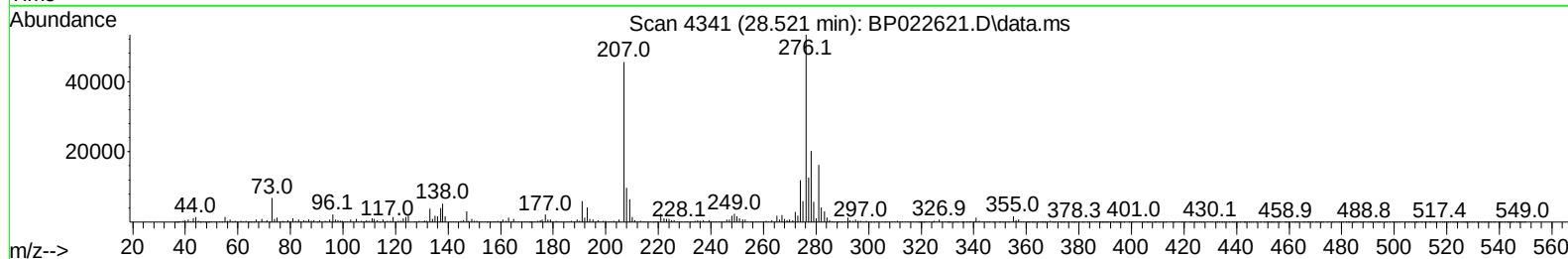
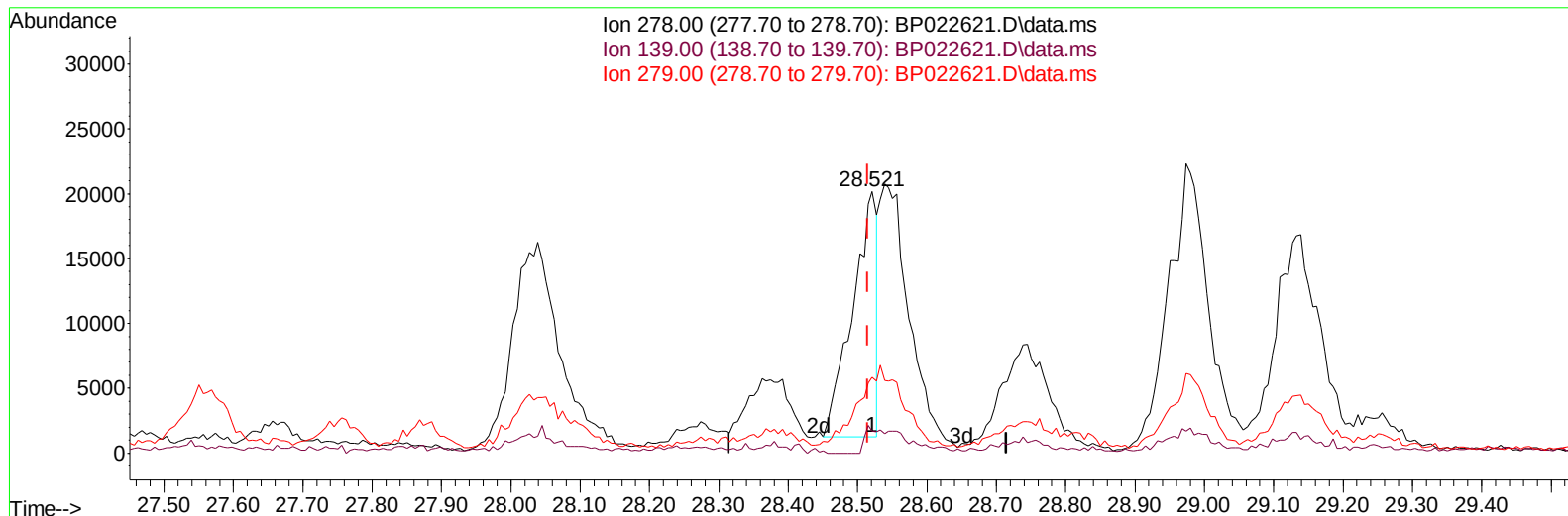
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022621.D
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Operator : RC/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 10/26/2024
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TIC: BP022621.D\data.ms

(95) Dibenzo(a,h)anthracene

28.521min (+ 0.006) 0.80 ng/u1

response 46013

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	8.36
279.00	23.70	28.88#
0.00	0.00	0.00

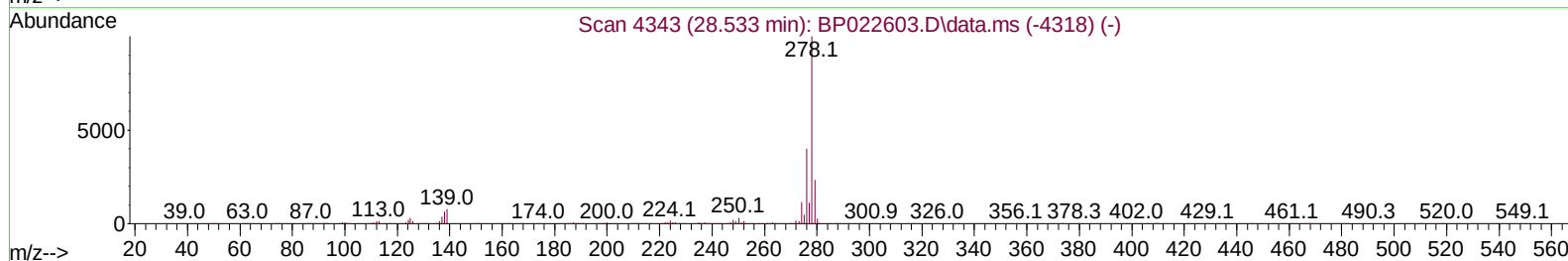
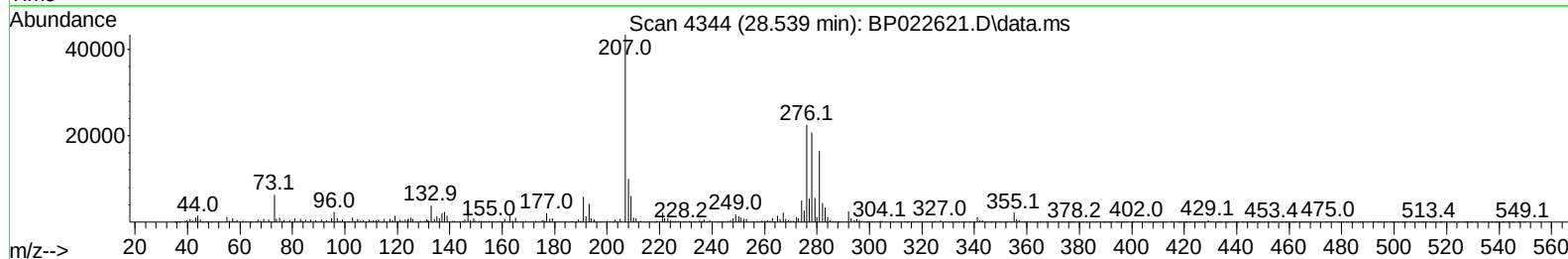
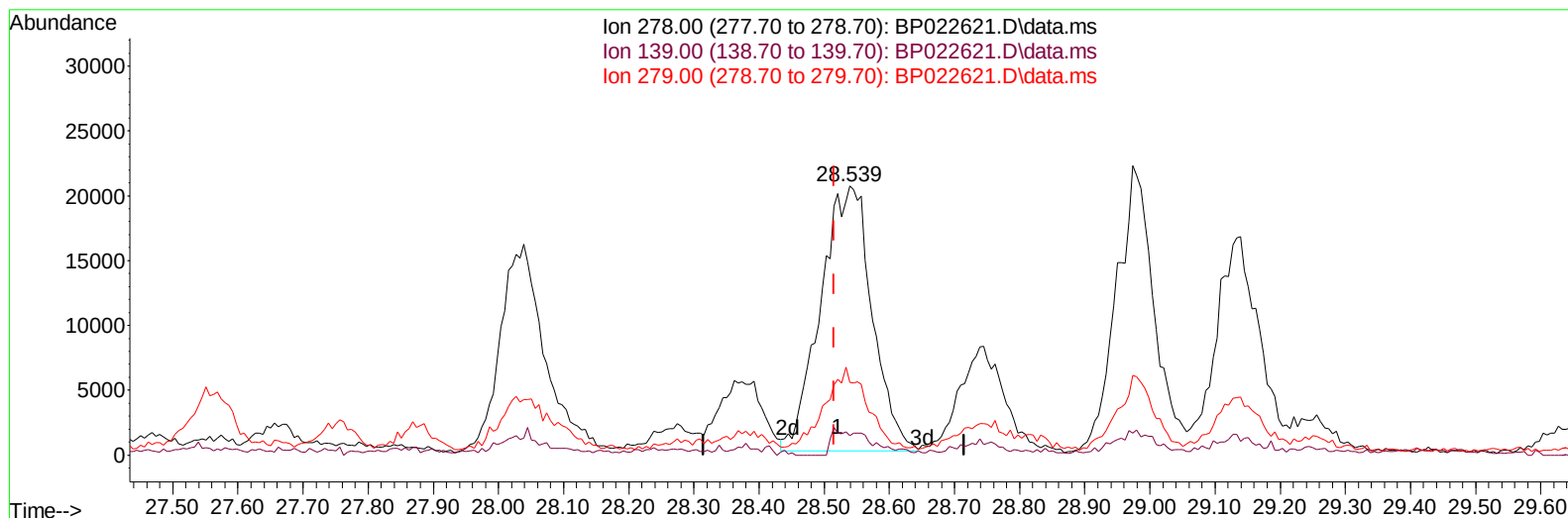
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022621.D
Acq On : 25 Oct 2024 22:01
Operator : RC/JU
Sample : P4436-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F47

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:15:08 2024
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QLast Update : Tue Oct 22 05:59:59 2024
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Reviewed By :Yogesh Patel 10/26/2024
Supervised By :mohammad ahmed 10/29/2024



TIC: BP022621.D\data.ms

(95) Dibenzo(a,h)anthracene

28.539min (+ 0.024) 1.94 ng/ul m

response 112166

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.10	7.27#
279.00	23.70	26.96
0.00	0.00	0.00

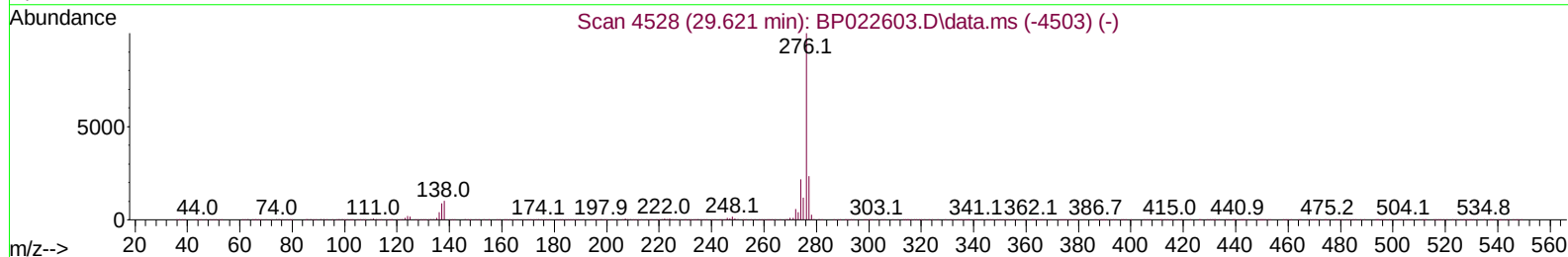
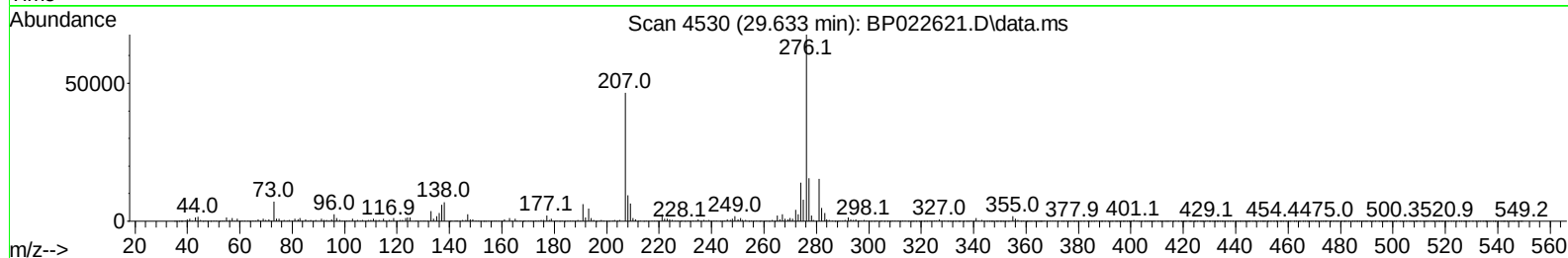
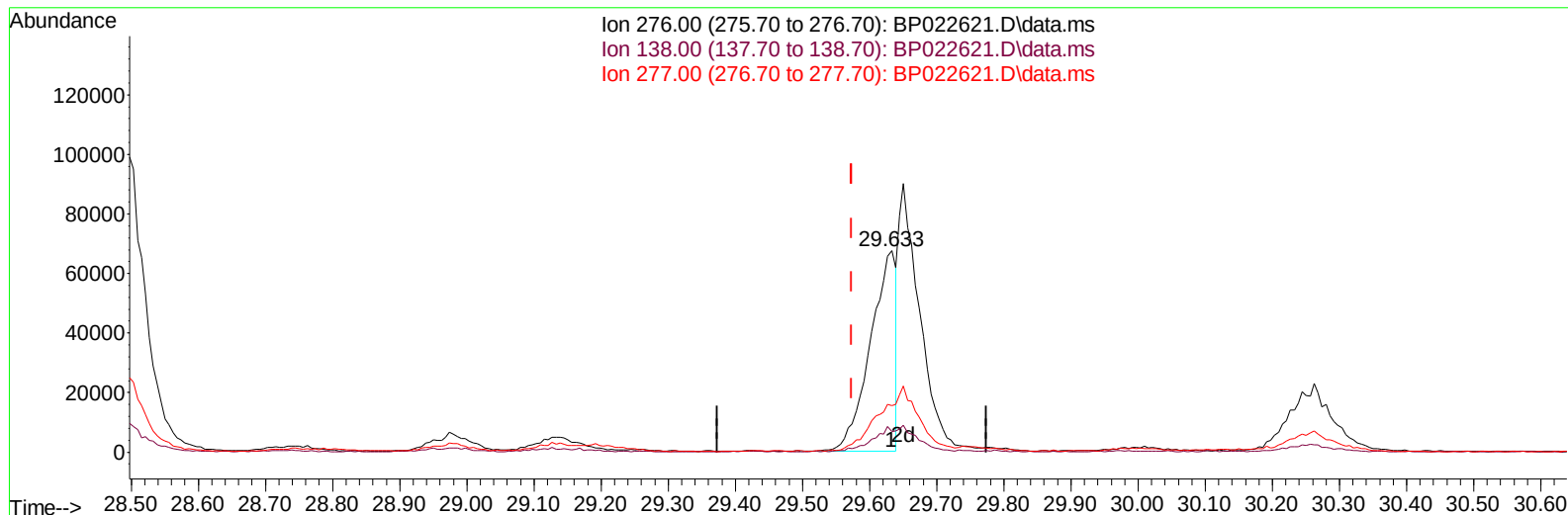
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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Supervised By :mohammad ahmed 10/29/2024



TIC: BP022621.D\data.ms

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

29.633min (+ 0.059) 3.23 ng/u1

response 178920

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	10.32
277.00	23.70	22.97
0.00	0.00	0.00

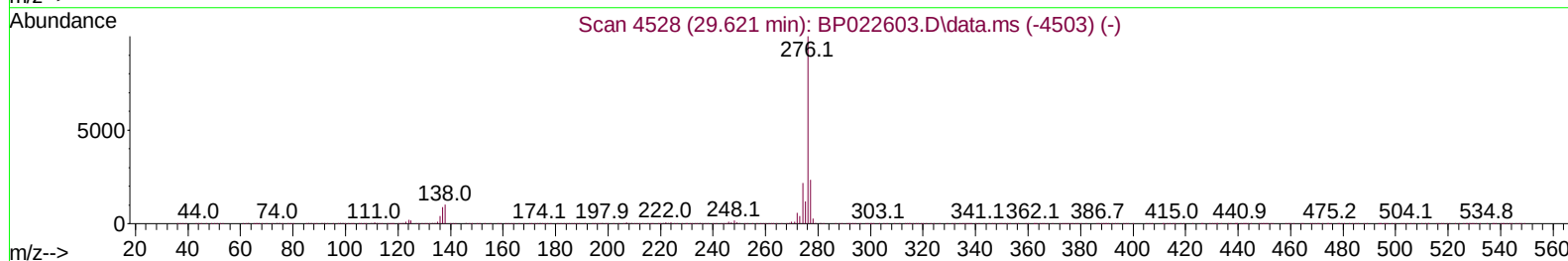
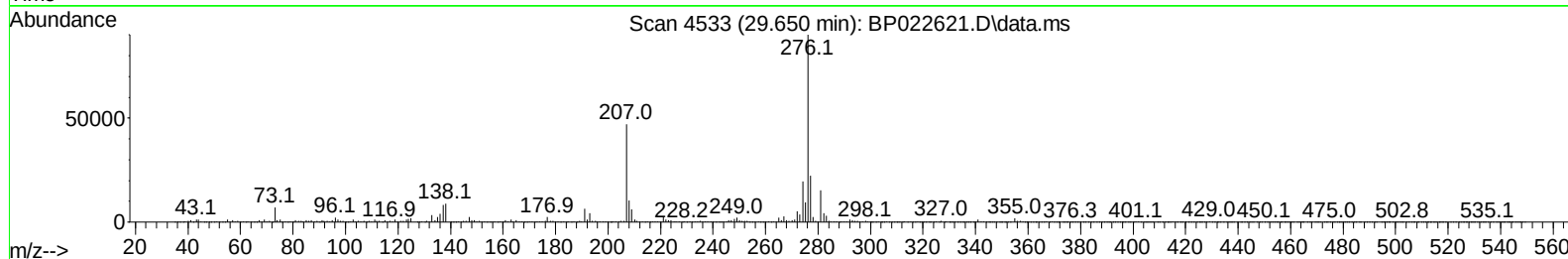
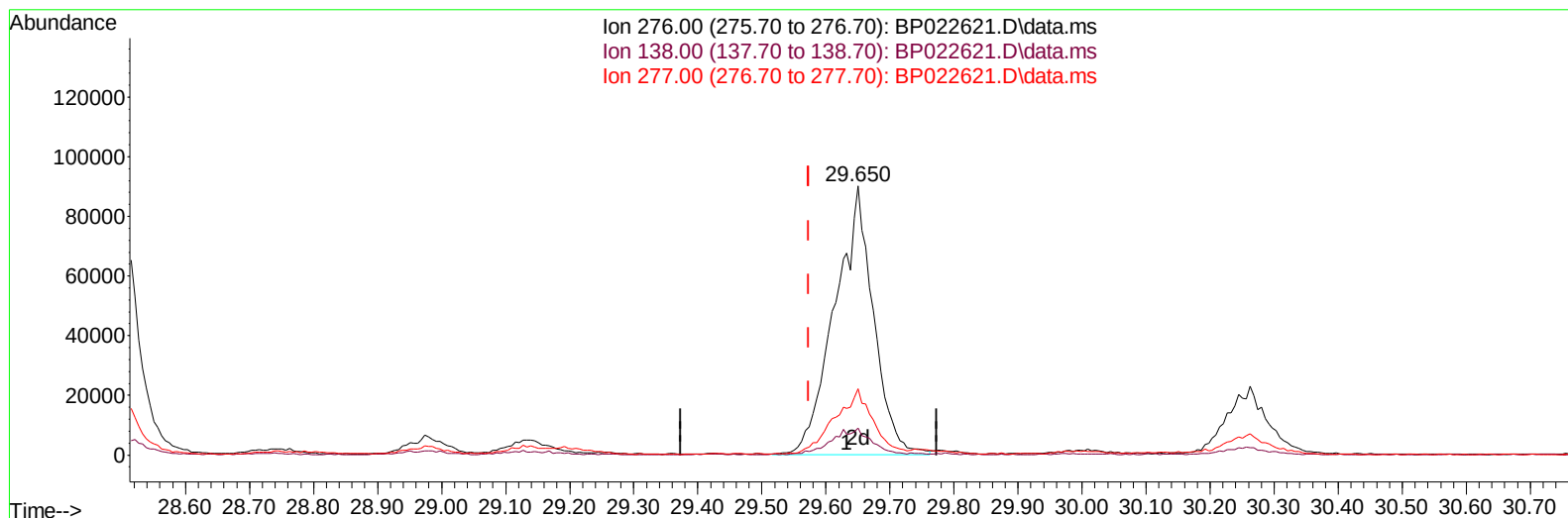
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
Data File : BP022621.D
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Sample : P4436-05
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F47

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/29/2024



TIC: BP022621.D\data.ms

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

29.650min (+ 0.077) 6.79 ng/ul m

response 376338

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.60	9.98
277.00	23.70	24.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102524\
 Data File : BP022621.D
 Acq On : 25 Oct 2024 22:01
 Operator : RC/JU
 Sample : P4436-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4F47

Manual IntegrationsAPPROVED

Quant Time: Oct 25 23:18:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 22 05:59:59 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152		92992	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136		351968	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.269	164		270688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188		668837	20.000	ng/ul	0.00
79) Chrysene-d12	21.510	240		765725	20.000	ng/ul	# 0.01
88) Perylene-d12	24.774	264		921497	20.000	ng/ul	0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.187	96		4851	2.027	ng/uL	-0.01
4) Pyridine-d5	3.605	84		66398	10.107	ng/ul	0.00
7) Phenol-d5	6.840	99		109976	14.049	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	6.993	67		56085	12.190	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.193	132		78632	14.157	ng/ul	-0.01
15) 4-Methylphenol-d8	8.357	113		93071	14.899	ng/ul	0.00
21) Nitrobenzene-d5	8.793	128		37485	13.851	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143		47287	15.092	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.046	165		102666	15.417	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131		100578	12.782	ng/ul	-0.01
46) Dimethylphthalate-d6	13.675	166		372840	17.336	ng/ul	0.00
49) Acenaphthylene-d8	13.957	160		363895	15.930	ng/ul	0.00
54) 4-Nitrophenol-d4	14.504	143		44957	12.460	ng/ul	0.00
60) Fluorene-d10	15.269	176		331512	17.771	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.422	200		52264	11.881	ng/ul	0.00
73) Anthracene-d10	17.180	188		599658	19.059	ng/ul	0.01
81) Pyrene-d10	19.563	212		798094	19.709	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.562	264		960465	19.517	ng/ul	0.04
Target Compounds							
						Qvalue	
30) Naphthalene	10.451	128		49103	2.619	ng/ul	96
36) 2-Methylnaphthalene	12.069	142		23454	1.704	ng/ul	97
37) 1-Methylnaphthalene	12.293	142		19330	1.376	ng/ul	96
52) Acenaphthene	14.334	153		87253	5.205	ng/ul	98
56) Dibenzofuran	14.675	168		113608	4.512	ng/ul	97
61) Fluorene	15.334	166		133887	6.525	ng/ul	99
72) Phenanthrene	17.122	178		1776912	49.657	ng/ul	99
74) Anthracene	17.210	178		470067	13.164	ng/ul	99
77) Carbazole	17.498	167		135111	4.276	ng/ul	99
80) Fluoranthene	19.210	202		2117939	45.497	ng/ul	98
82) Pyrene	19.592	202		1655628	33.183	ng/ul	97
85) Benzo(a)anthracene	21.492	228		817869	15.236	ng/ul	98
87) Chrysene	21.557	228		714429	14.353	ng/ul	97
90) Benzo(b)fluoranthene	23.757	252		895533	15.439	ng/ul	99
91) Benzo(k)fluoranthene	23.821	252		305917m	5.387	ng/ul	
93) Benzo(a)pyrene	24.621	252		642276	12.031	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.498	276		419332m	5.886	ng/ul	
95) Dibenzo(a,h)anthracene	28.539	278		112166m	1.944	ng/ul	
96) Benzo(g,h,i)perylene	29.650	276		376338m	6.792	ng/ul	

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

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