

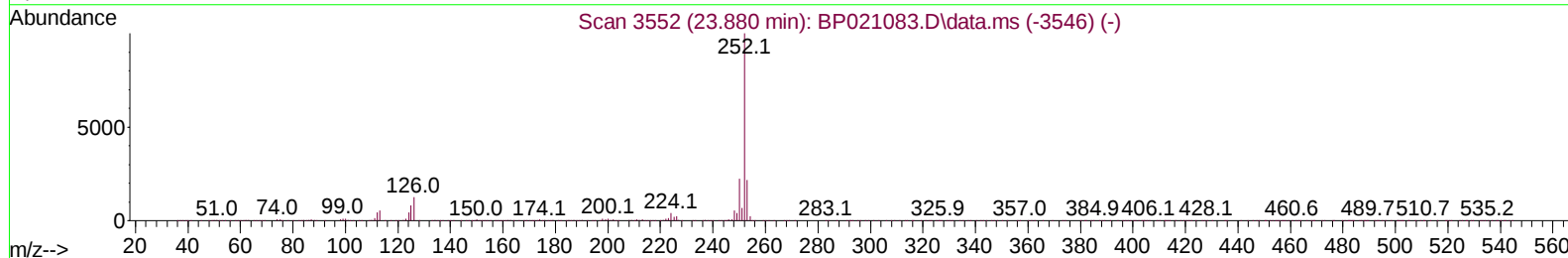
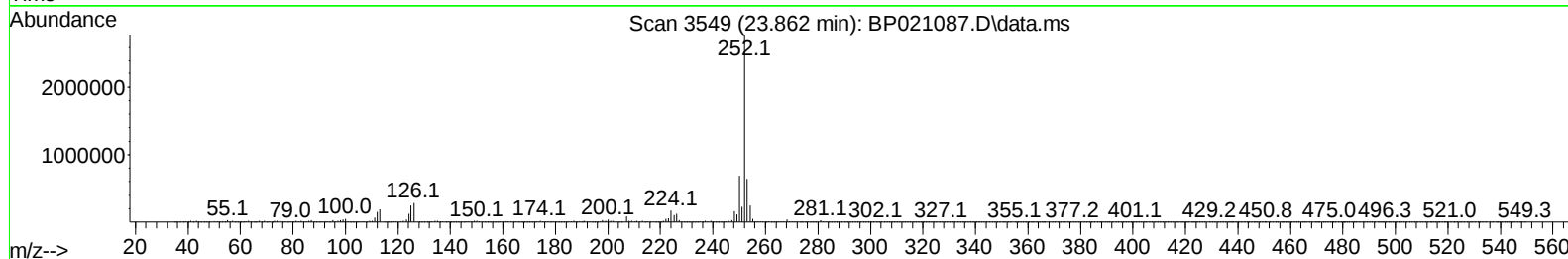
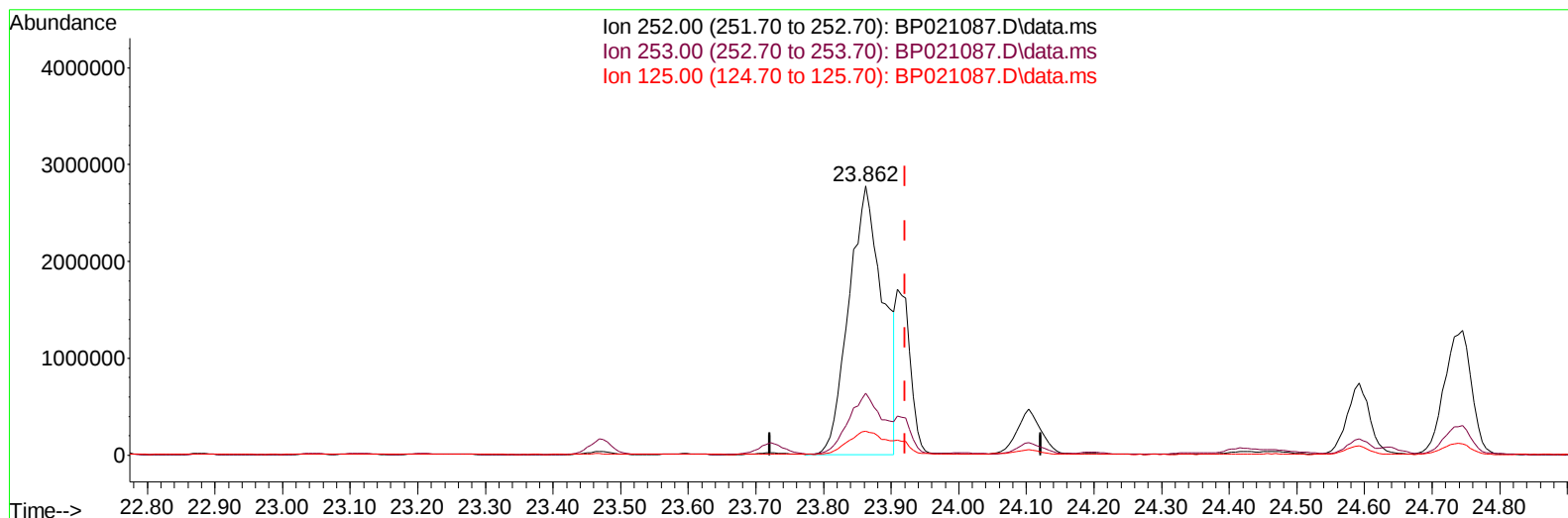
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
Acq On : 22 Jul 2024 14:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 01:52:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration



TIC: BP021087.D\data.ms

(91) Benzo(k)fluoranthene

23.862min (-0.059) 127.94 ng/u1

response 9715452

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.98
125.00	9.20	8.94
0.00	0.00	0.00

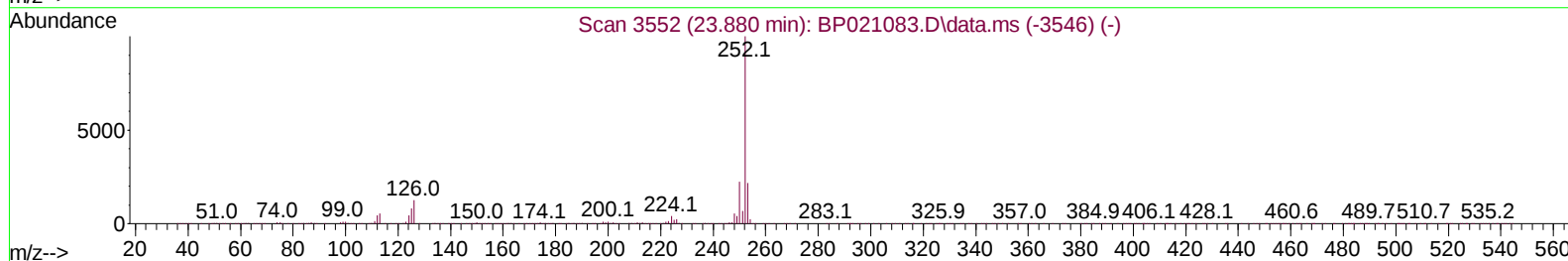
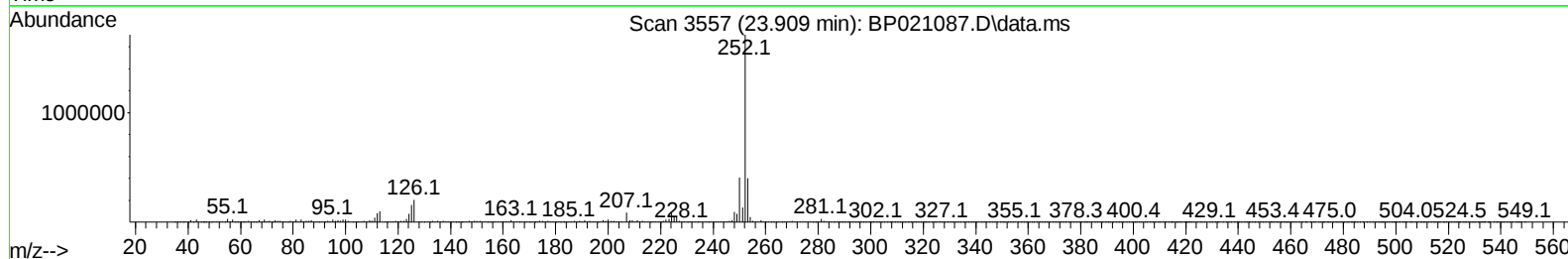
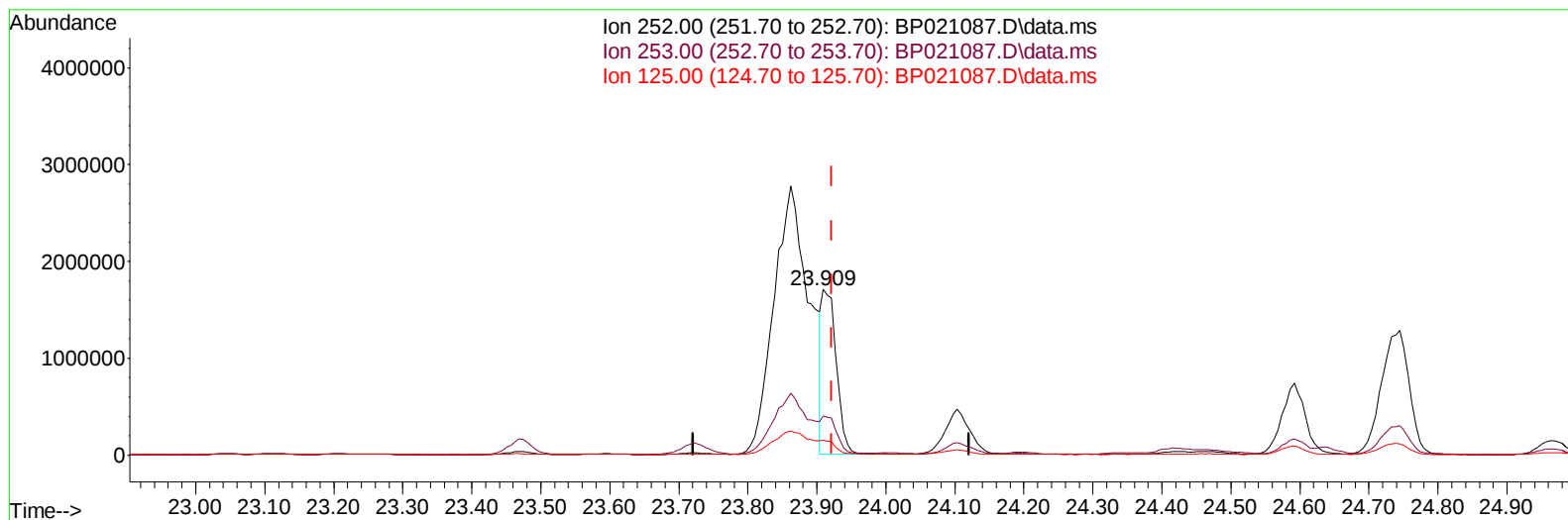
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021087.D
 Acq On : 22 Jul 2024 14:05
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Manual IntegrationsAPPROVED

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 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
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Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

(91) Benzo(k)fluoranthene

23.909min (-0.012) 32.68 ng/ul m

response 2481376

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.53
125.00	9.20	9.01
0.00	0.00	0.00

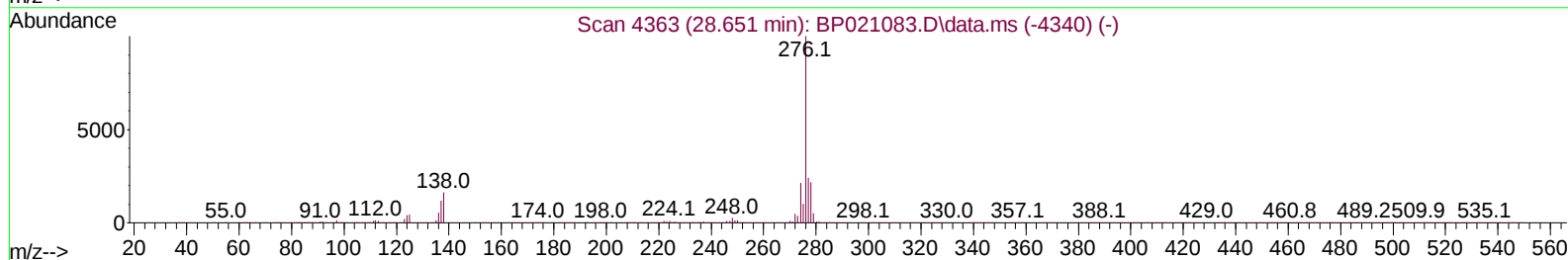
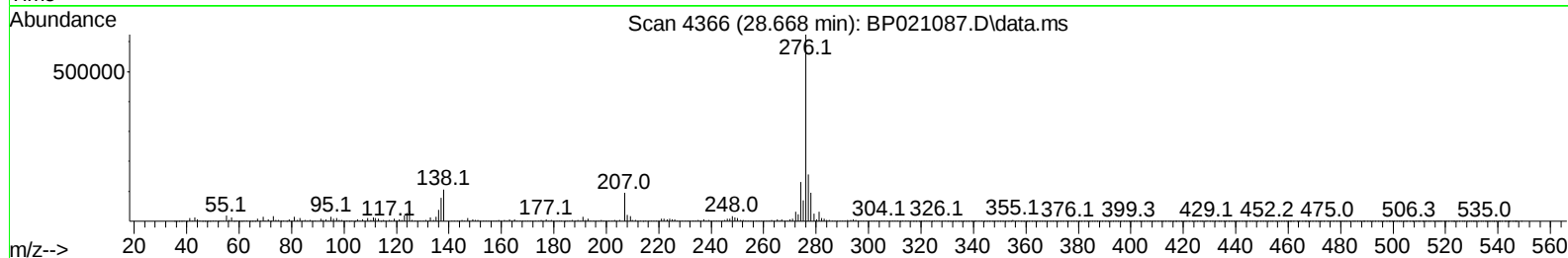
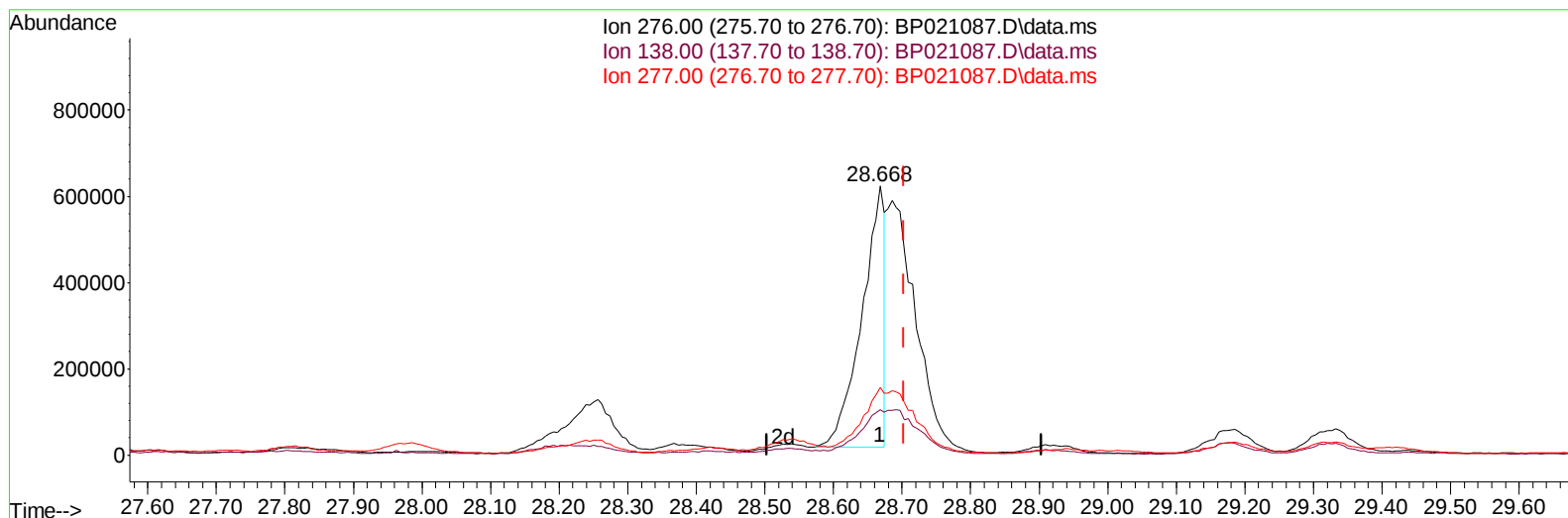
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
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Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

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

28.668min (-0.035) 15.03 ng/u1

response 1392195

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.97
277.00	24.00	25.21
0.00	0.00	0.00

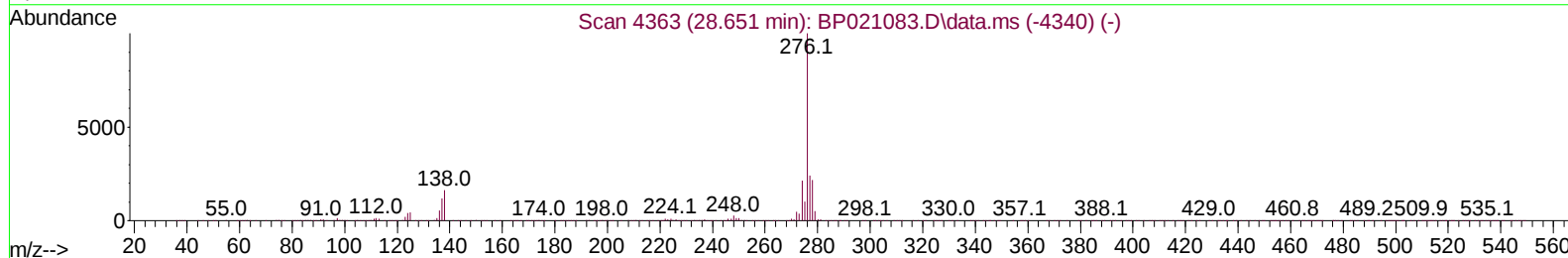
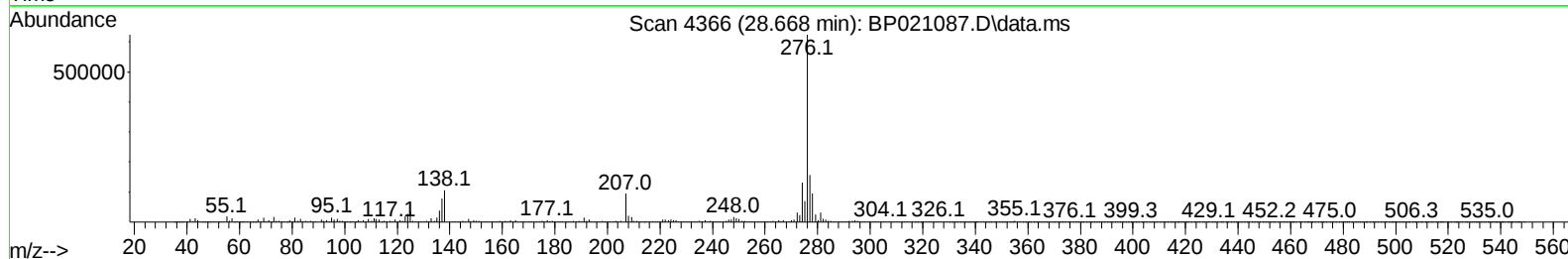
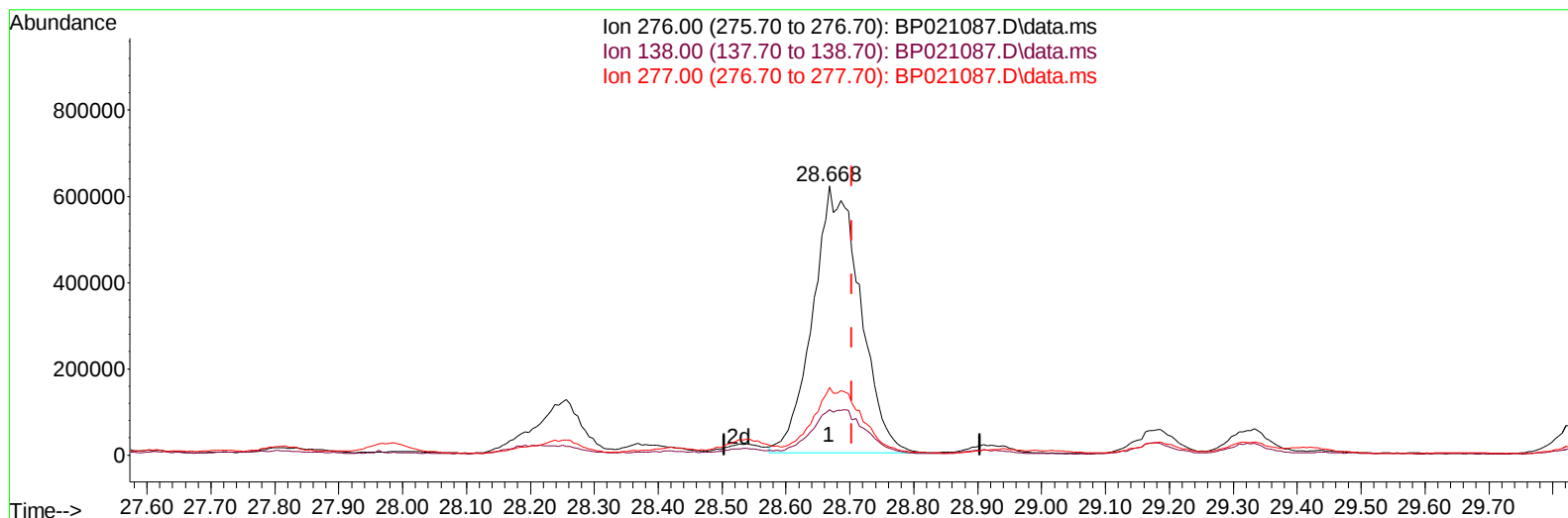
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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 Acq On : 22 Jul 2024 14:05
 Operator : MA/JU
 Sample : P3238-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE6

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:52:58 2024
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 QLast Update : Thu Jul 18 14:23:21 2024
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Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

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

28.668min (-0.035) 34.43 ng/ul m

response 3189813

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	16.97
277.00	24.00	25.21
0.00	0.00	0.00

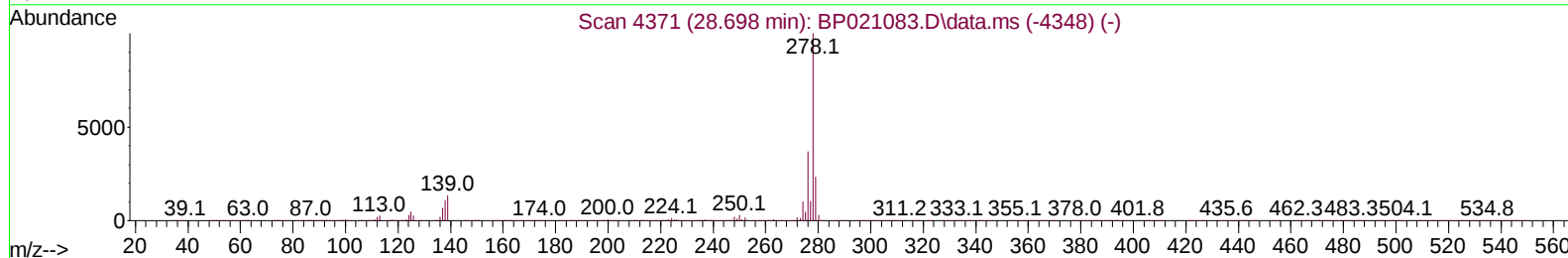
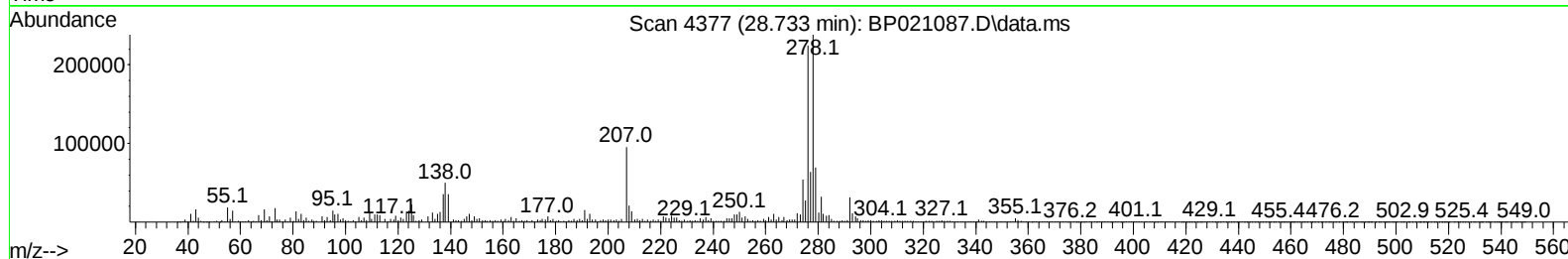
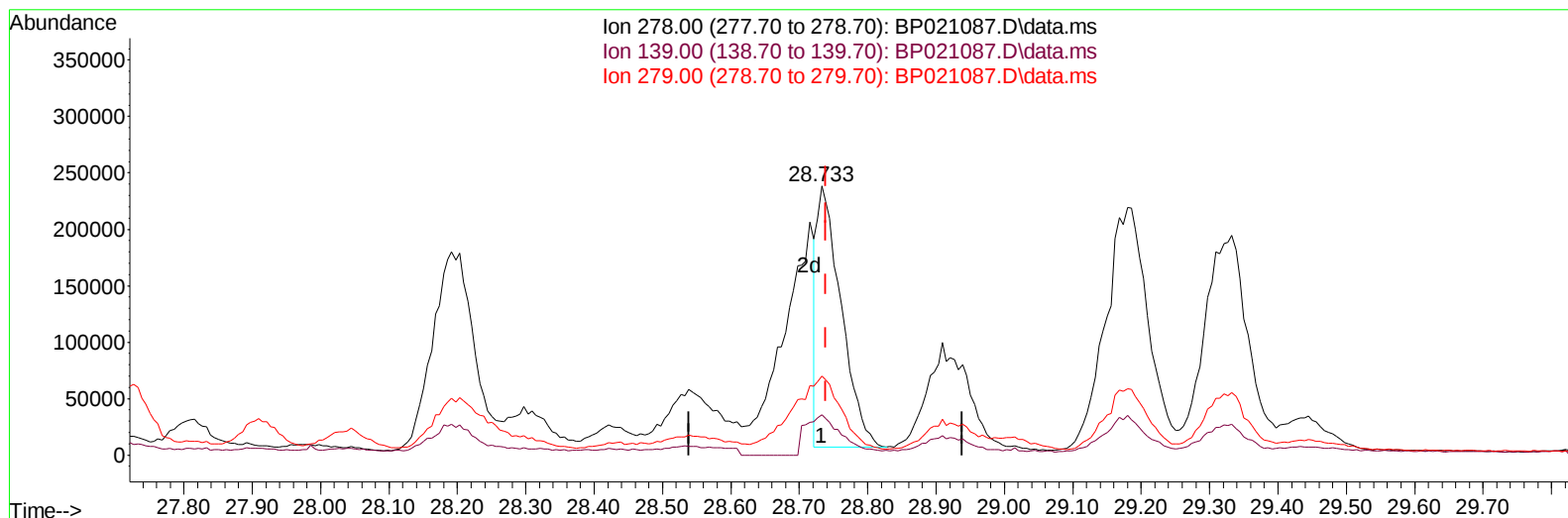
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
Acq On : 22 Jul 2024 14:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

(95) Dibenzo(a,h)anthracene

28.733min (-0.006) 7.39 ng/u1

response 567068

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.92
279.00	24.20	29.31#
0.00	0.00	0.00

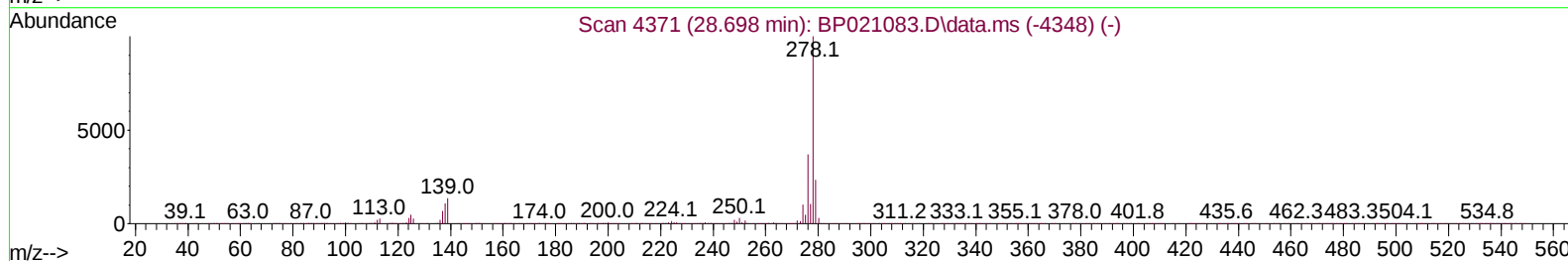
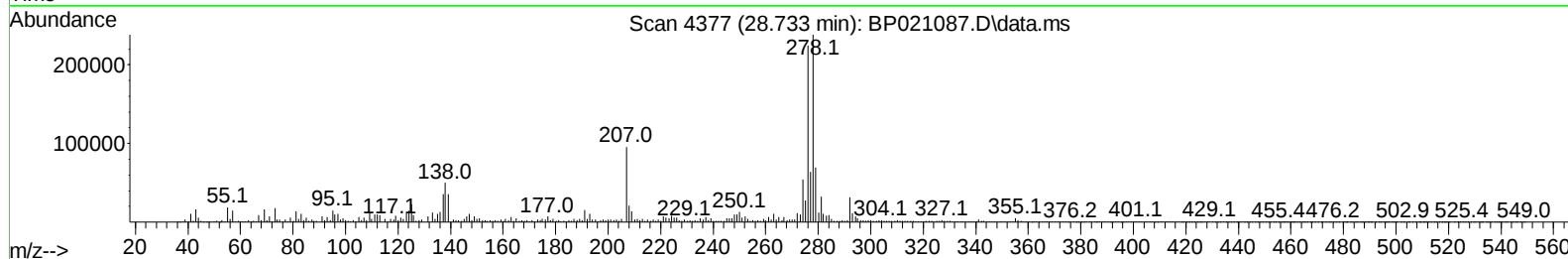
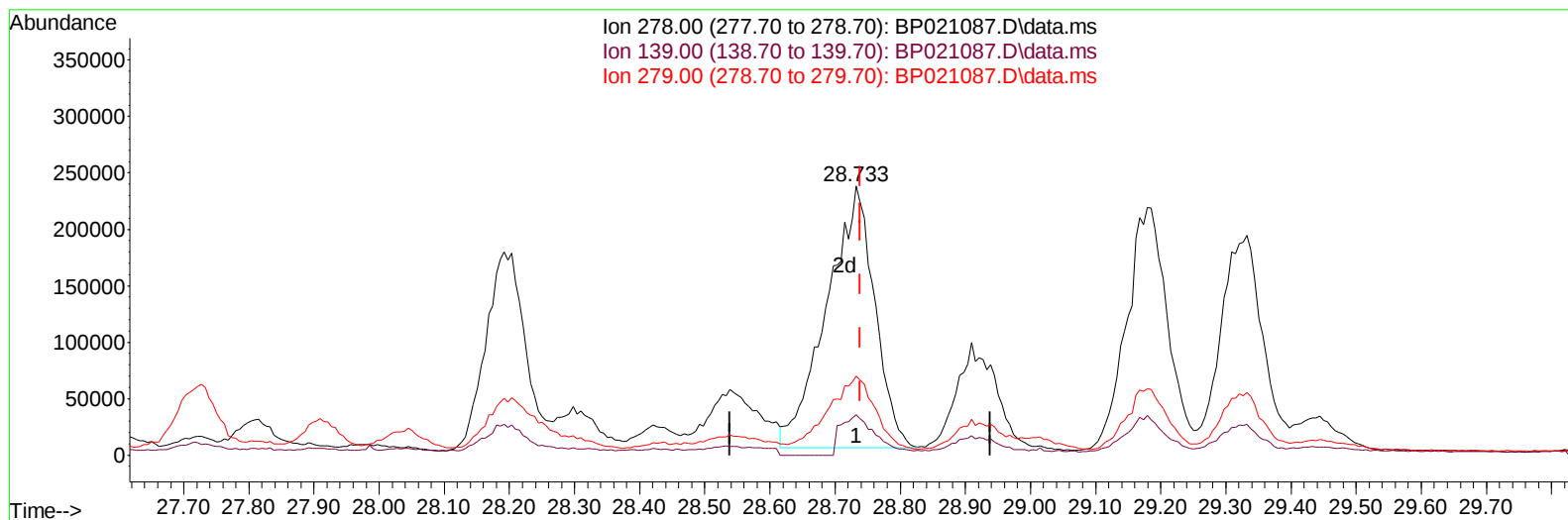
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
Acq On : 22 Jul 2024 14:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:52:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

(95) Dibenzo(a,h)anthracene

28.733min (-0.006) 15.33 ng/ul m

response 1176621

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	14.92
279.00	24.20	29.31#
0.00	0.00	0.00

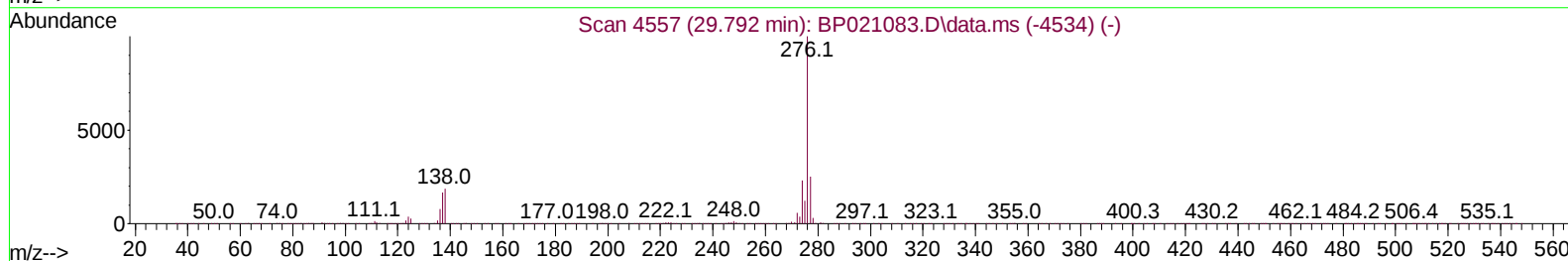
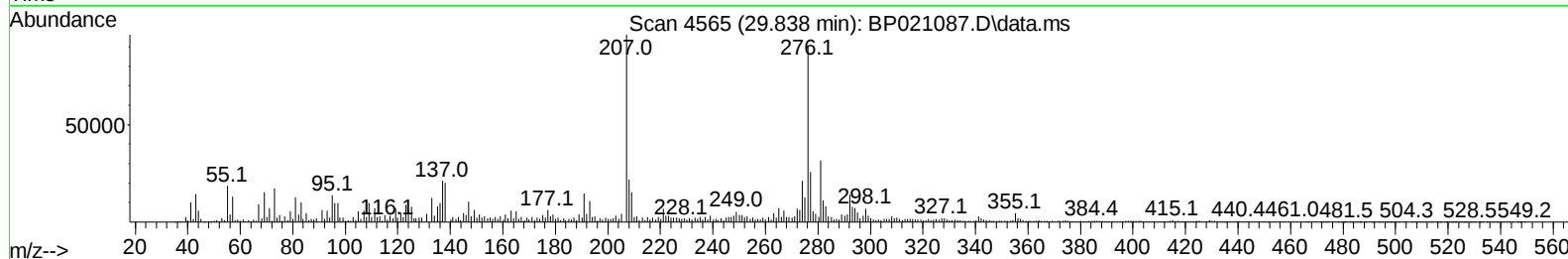
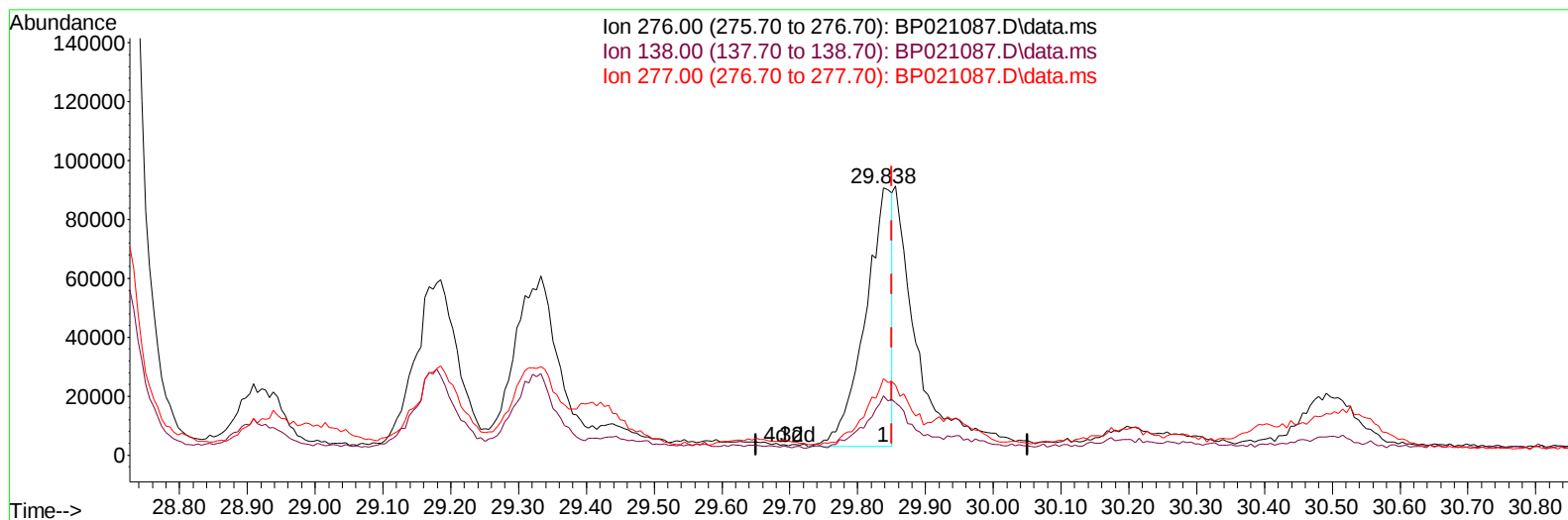
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
Acq On : 22 Jul 2024 14:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Manual IntegrationsAPPROVED

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

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

29.838min (-0.012) 3.22 ng/u1

response 242894

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	22.24
277.00	22.70	28.55#
0.00	0.00	0.00

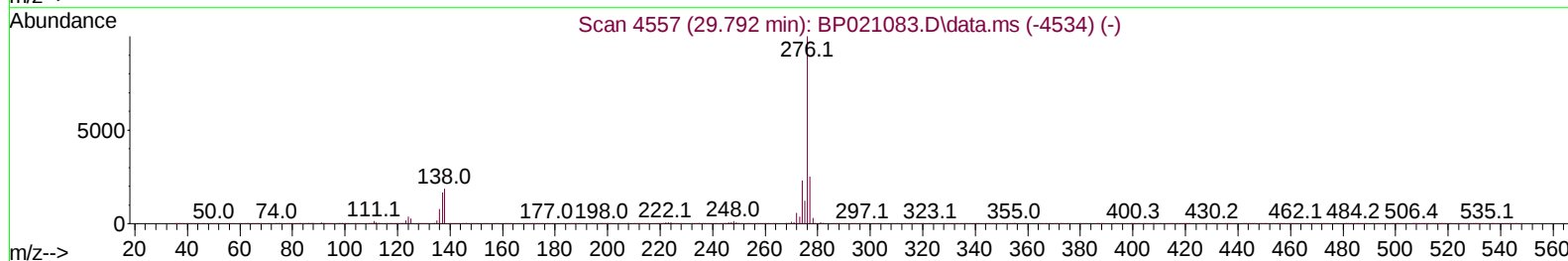
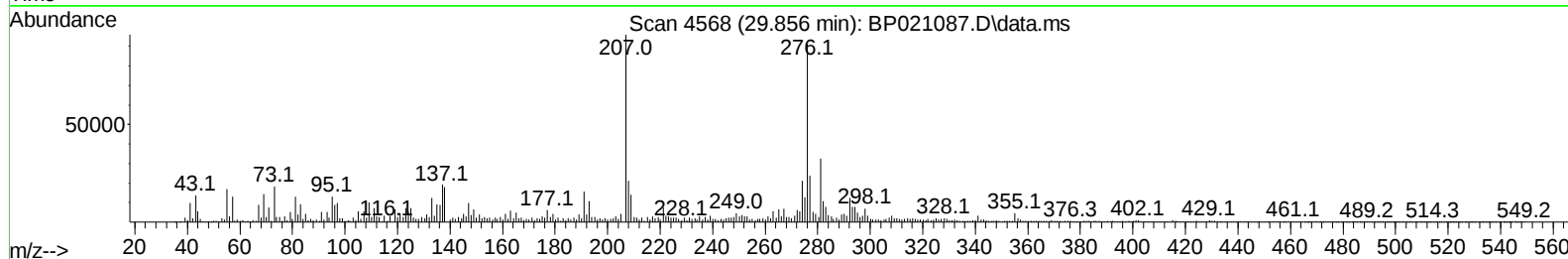
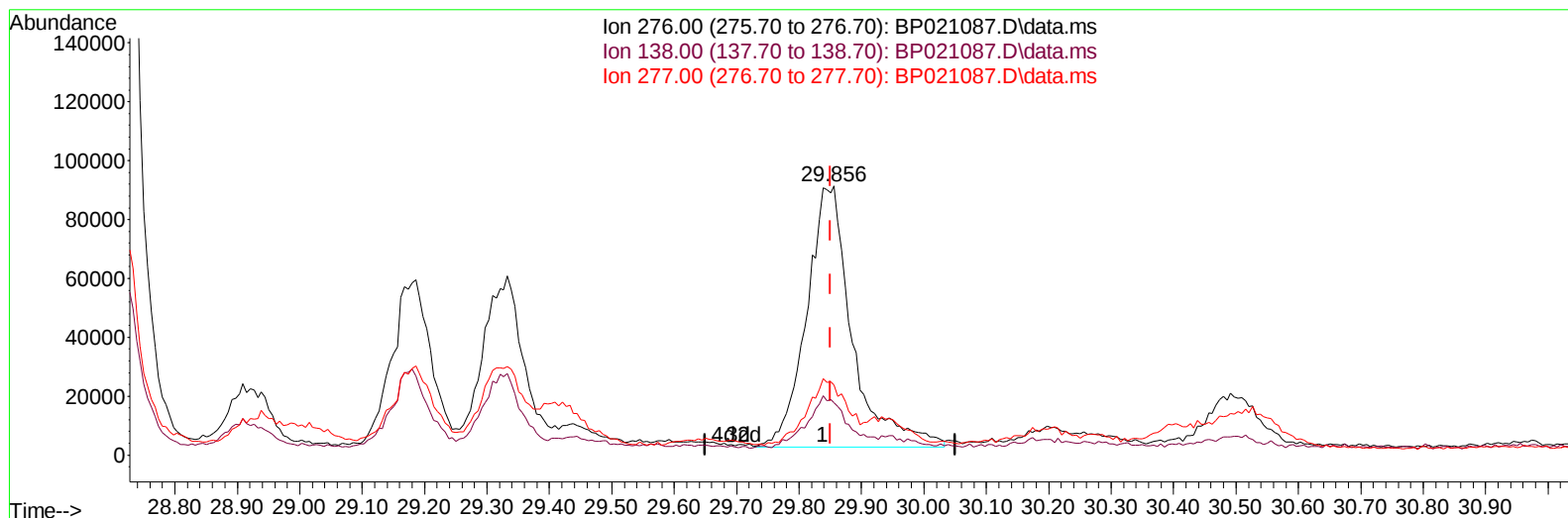
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021087.D
Acq On : 22 Jul 2024 14:05
Operator : MA/JU
Sample : P3238-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BE6

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:52:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024



TIC: BP021087.D\data.ms

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

29.856min (+ 0.006) 5.95 ng/u1 m

response 449252

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.42
277.00	22.70	26.15
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
 Data File : BP021087.D
 Acq On : 22 Jul 2024 14:05
 Operator : MA/JU
 Sample : P3238-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BE6

Manual IntegrationsAPPROVED

Quant Time: Jul 23 03:41:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	158240	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.440	136	648983	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.298	164	446365	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.122	188	1032128	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	973385	20.000	ng/ul	0.00
88) Perylene-d12	24.898	264	1253906	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	15848	4.558	ng/uL	0.00
4) Pyridine-d5	3.658	84	41808	4.153	ng/ul	0.00
7) Phenol-d5	6.893	99	384361	29.793	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	205568	26.293	ng/ul	0.00
11) 2-Chlorophenol-d4	7.228	132	311207	29.278	ng/ul	-0.01
15) 4-Methylphenol-d8	8.398	113	302024	28.188	ng/ul	-0.02
21) Nitrobenzene-d5	8.834	128	149614	29.681	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.540	143	177146	30.704	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	314760	30.171	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.592	131	157625	11.405	ng/ul	0.00
46) Dimethylphthalate-d6	13.716	166	962428	29.660	ng/ul	0.00
49) Acenaphthylene-d8	13.986	160	1151558	31.606	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.598	143	155136	33.603	ng/ul	0.00
60) Fluorene-d10	15.316	176	910165	34.191	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	97801	15.661	ng/ul	0.00
73) Anthracene-d10	17.221	188	1469069	32.046	ng/ul	0.00
81) Pyrene-d10	19.610	212	1532338	25.463	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	1330971	21.522	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.510	105	19952	1.206	ng/ul	92
30) Naphthalene	10.487	128	327991	9.608	ng/ul	99
36) 2-Methylnaphthalene	12.092	142	124515	5.314	ng/ul	94
37) 1-Methylnaphthalene	12.322	142	103331	4.288	ng/ul	100
43) 1,1'-Biphenyl	13.116	154	46067	1.412	ng/ul	97
50) Acenaphthylene	14.022	152	156923	3.804	ng/ul	99
52) Acenaphthene	14.363	153	532063	19.432	ng/ul	99
56) Dibenzofuran	14.710	168	535192	14.274	ng/ul	98
61) Fluorene	15.375	166	657164	21.478	ng/ul	99
72) Phenanthrene	17.169	178	11154475	208.329	ng/ul	97
74) Anthracene	17.257	178	2771781	50.779	ng/ul	100
77) Carbazole	17.557	167	1257852	28.189	ng/ul	99
80) Fluoranthene	19.274	202	15050399	207.093	ng/ul	99
82) Pyrene	19.651	202	10630019	143.740	ng/ul	98
85) Benzo(a)anthracene	21.562	228	7281603	106.790	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.468	149	284081	6.407	ng/ul#	97
87) Chrysene	21.627	228	6971110	110.025	ng/ul	96
90) Benzo(b)fluoranthene	23.862	252	9715452	127.678	ng/ul	97
91) Benzo(k)fluoranthene	23.909	252	2481376m	32.676	ng/ul	
93) Benzo(a)pyrene	24.745	252	3575713	49.727	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.668	276	3189813m	34.426	ng/ul	
95) Dibenzo(a,h)anthracene	28.733	278	1176621m	15.335	ng/ul	
96) Benzo(g,h,i)perylene	29.856	276	449252m	5.953	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 23 03:41:52 2024
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Quant Title : SVOA CALIBRATION
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
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