

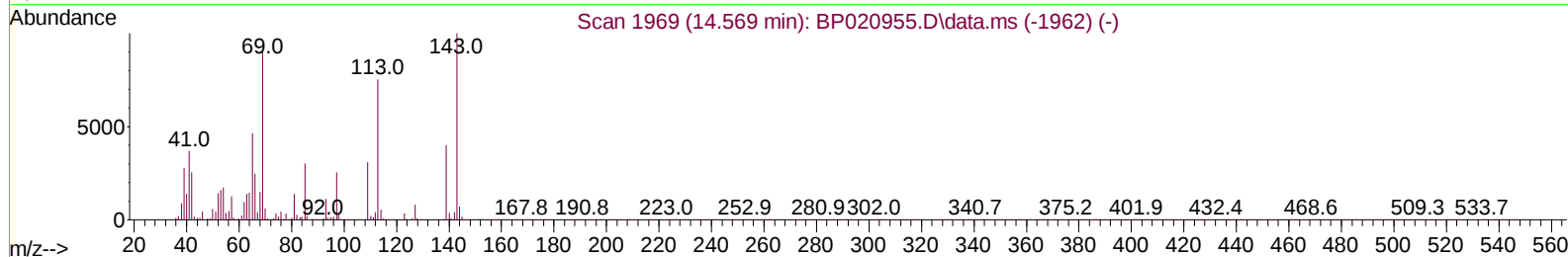
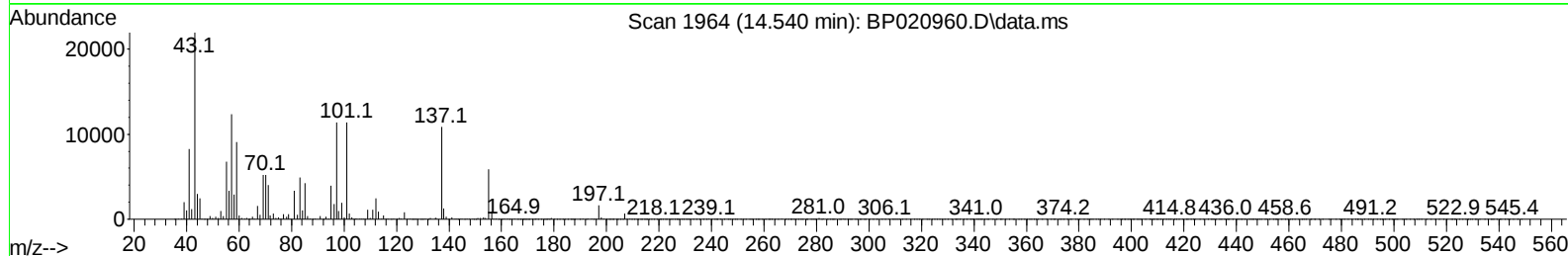
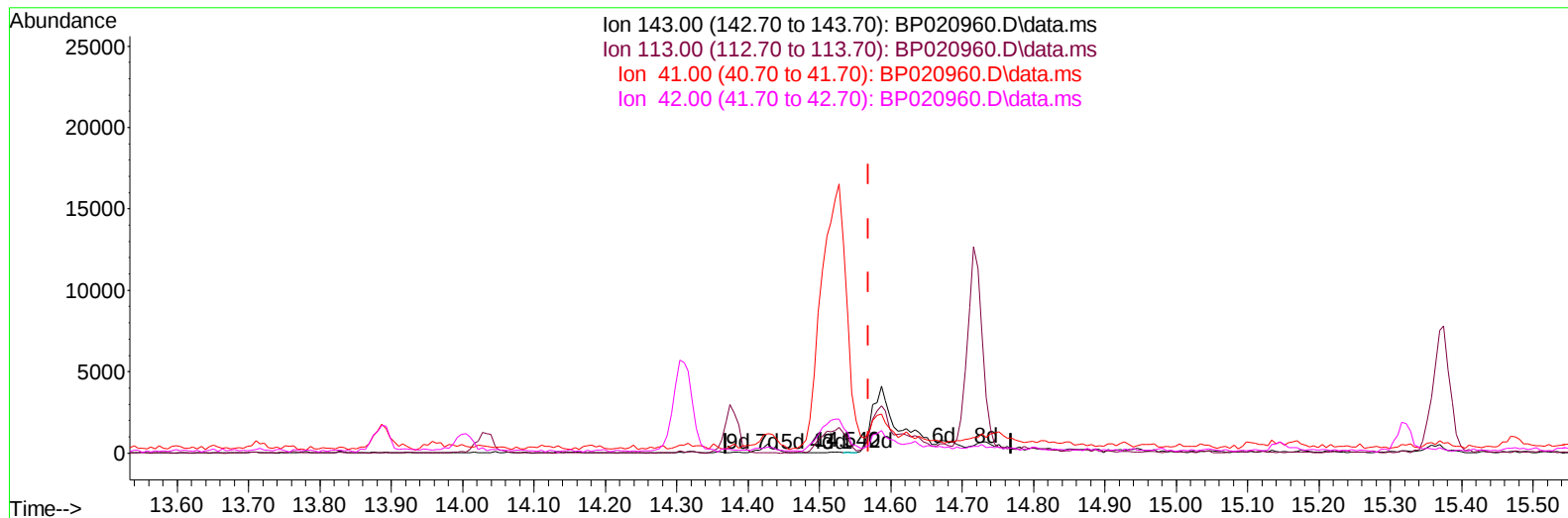
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020960.D
 Acq On : 15 Jul 2024 15:55
 Operator : MA/JU
 Sample : P3177-21DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DN2DL

Manual IntegrationsAPPROVED

Quant Time: Jul 15 16:22:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/16/2024
 Supervised By :mohammad ahmed 07/18/2024



TIC: BP020960.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.540min (-0.030) 0.01 ng/u1

response 23

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	1448.39#
41.00	37.90	13341.94#
42.00	27.10	1985.48#

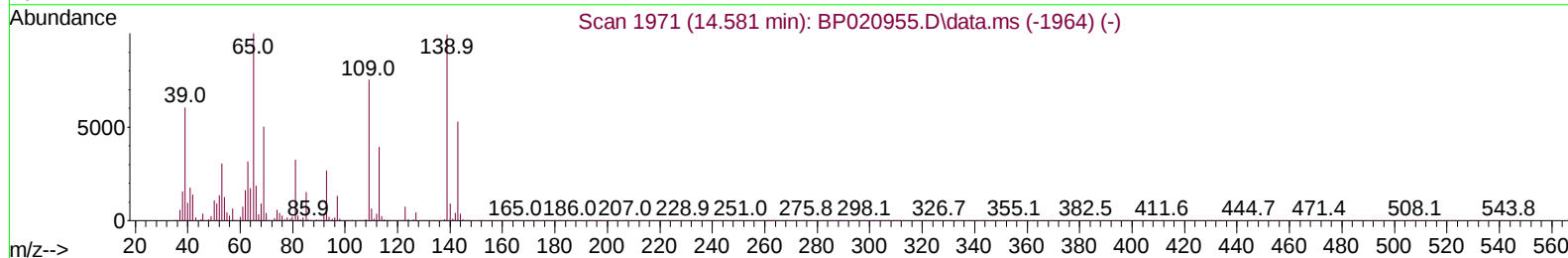
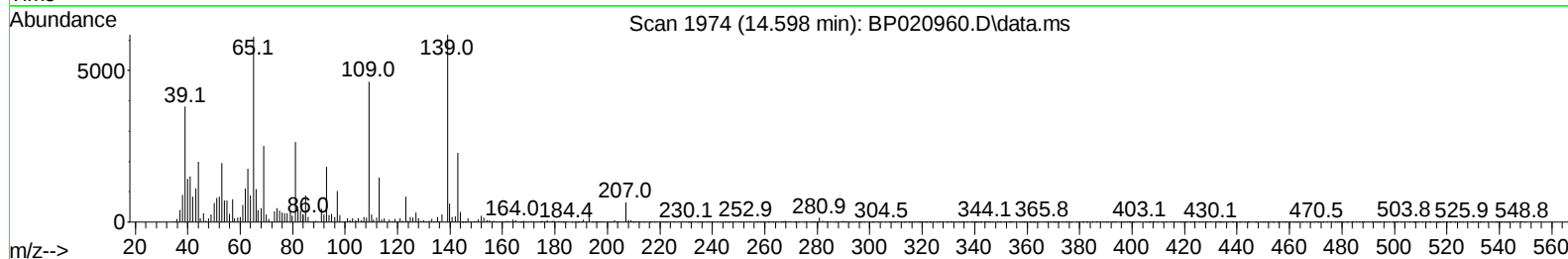
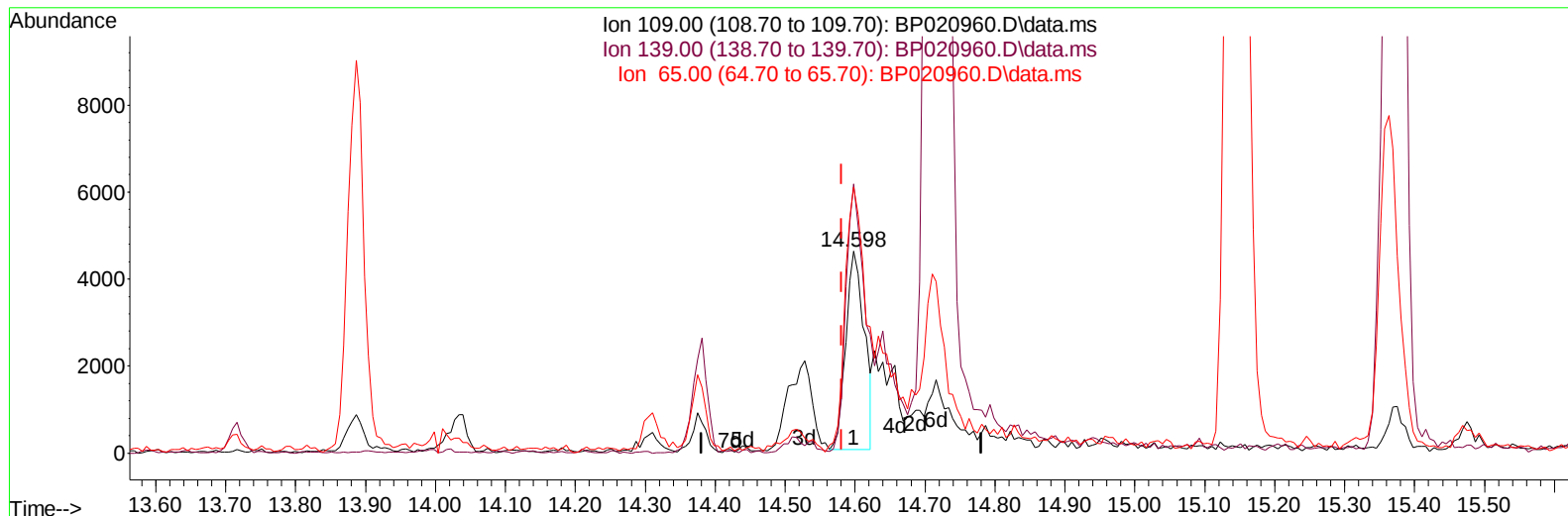
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TIC: BP020960.D\data.ms

(55) 4-Nitrophenol

14.598min (+ 0.018) 2.64 ng/u1

response 8469

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	133.23
65.00	132.50	131.77
0.00	0.00	0.00

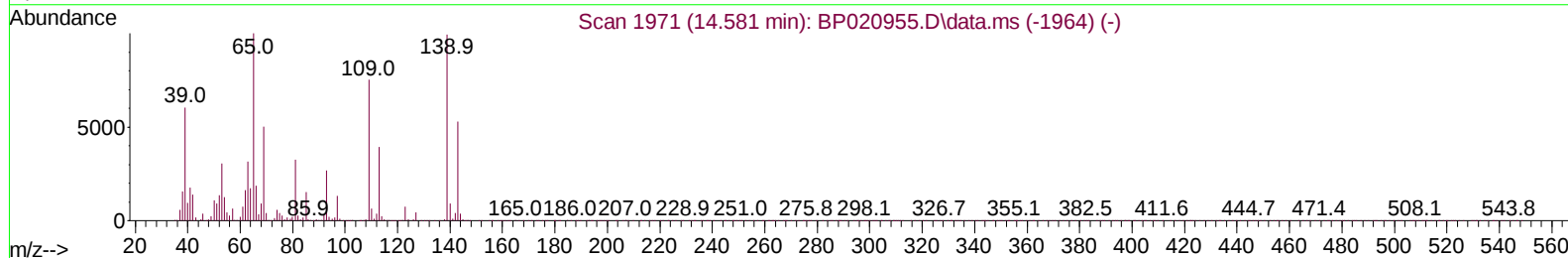
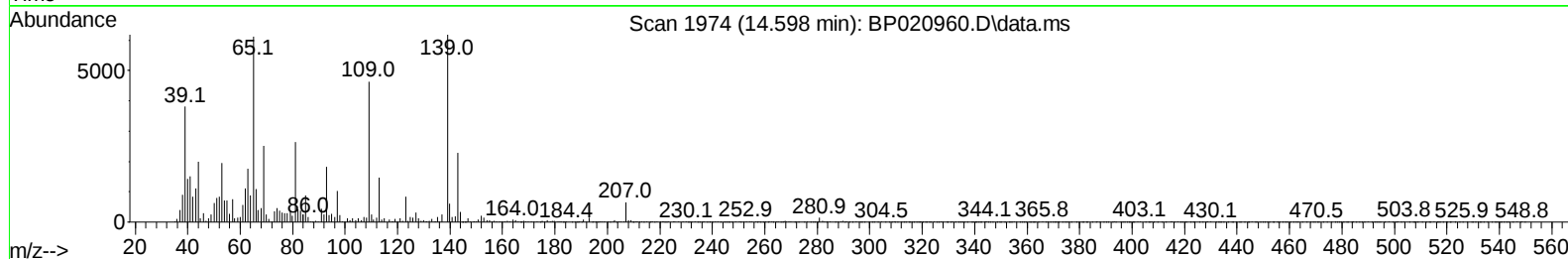
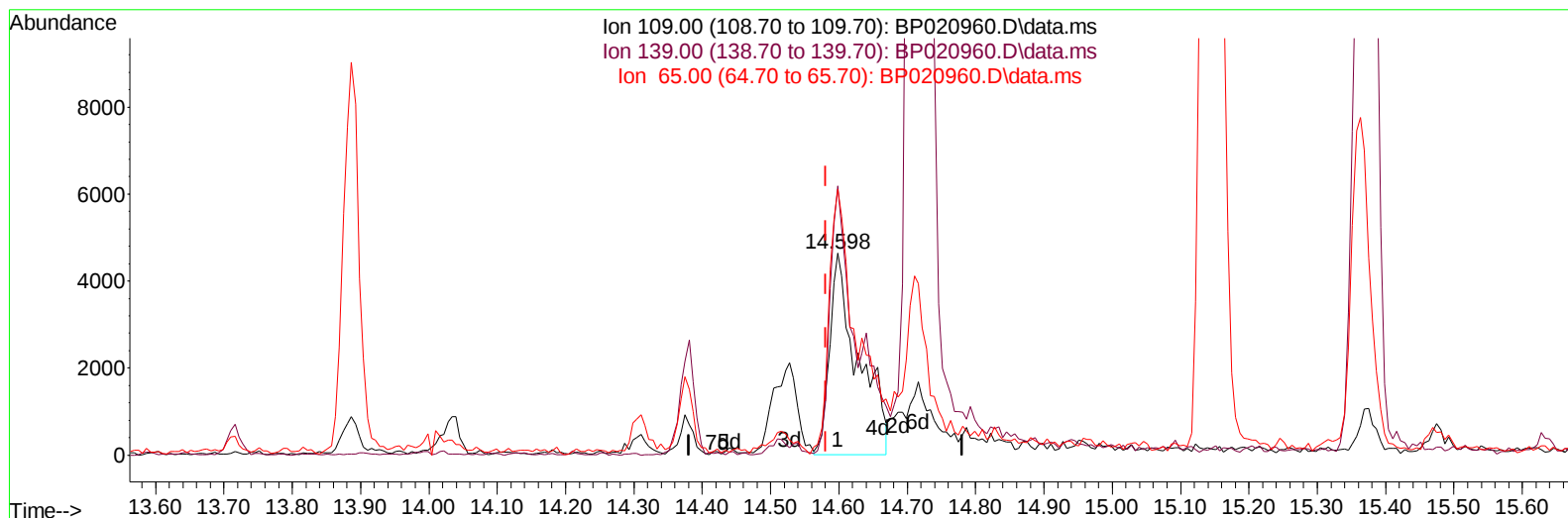
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Instrument :
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ClientSampleId :
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TIC: BP020960.D\data.ms

(55) 4-Nitrophenol

14.598min (+ 0.018) 4.21 ng/ul m

response 13527

Ion	Exp%	Act%
109.00	100.00	100.00
139.00	122.50	133.23
65.00	132.50	131.77
0.00	0.00	0.00

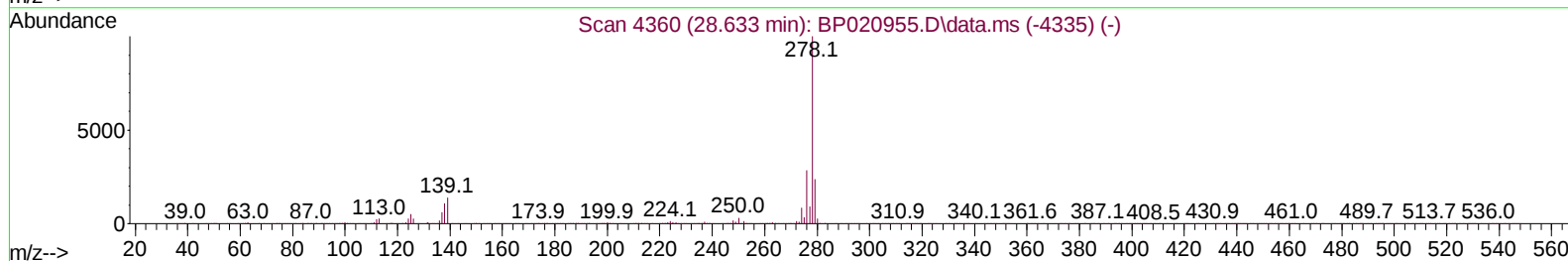
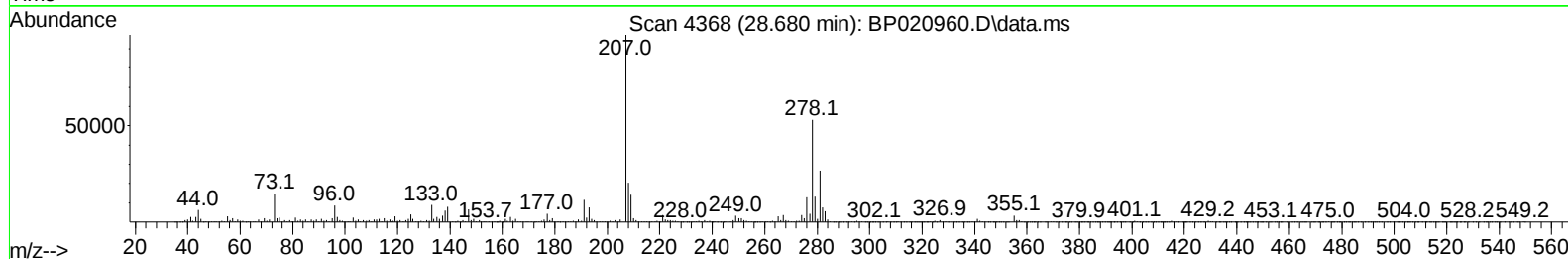
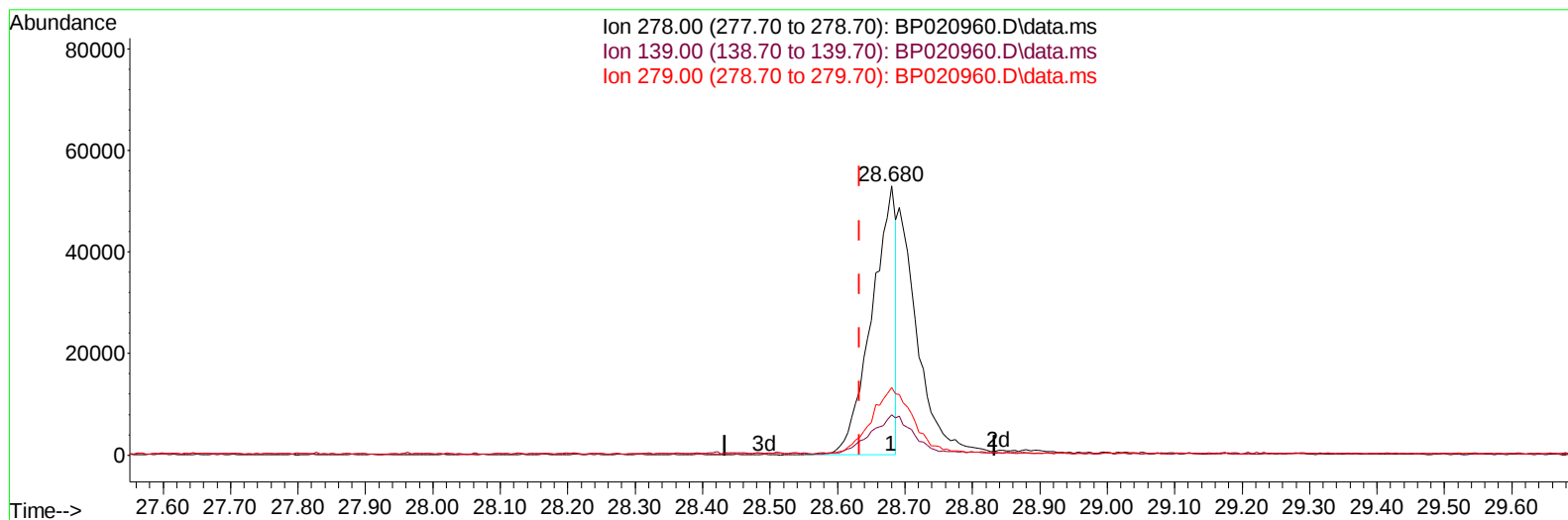
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TIC: BP020960.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (+ 0.047) 2.33 ng/u1

response 130825

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.07
279.00	24.20	25.14
0.00	0.00	0.00

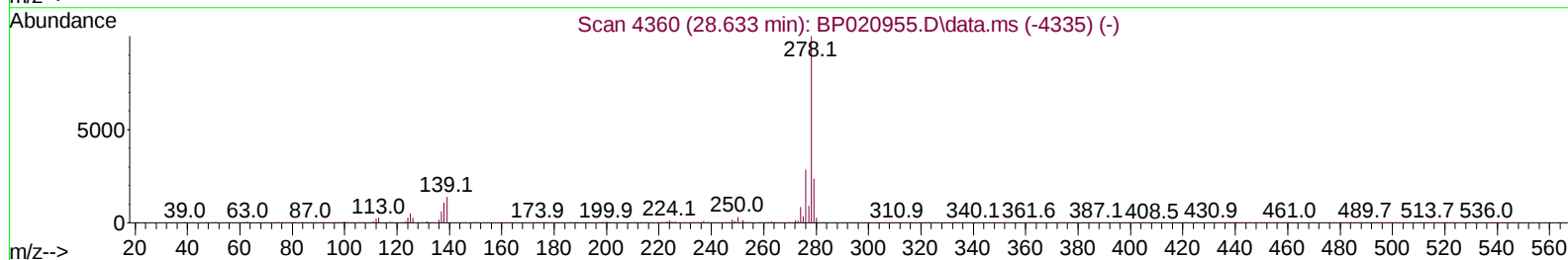
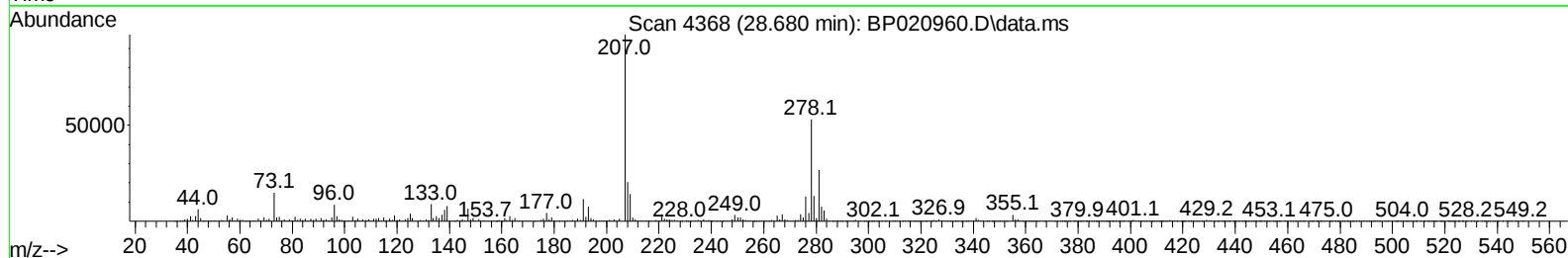
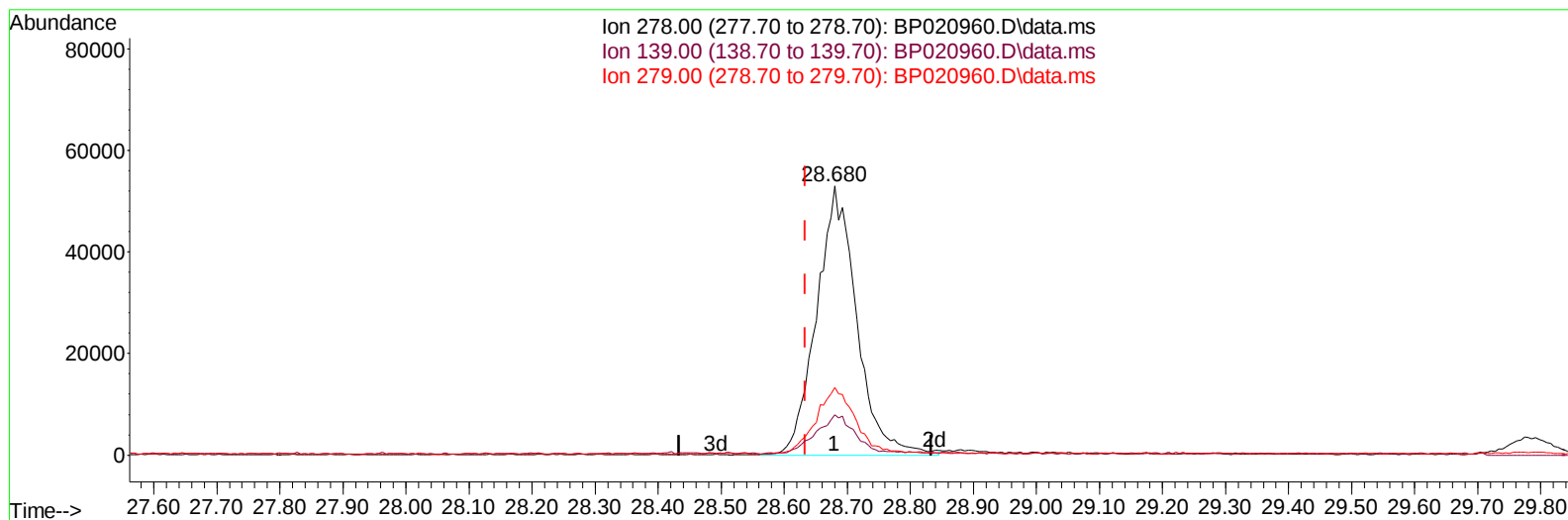
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
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TIC: BP020960.D\data.ms

(95) Dibenzo(a,h)anthracene

28.680min (+ 0.047) 4.16 ng/u1 m

response 234175

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.07
279.00	24.20	25.14
0.00	0.00	0.00

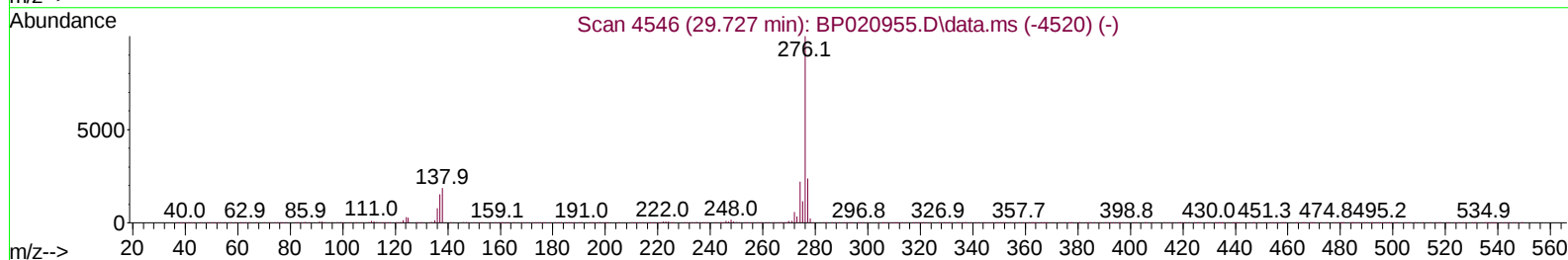
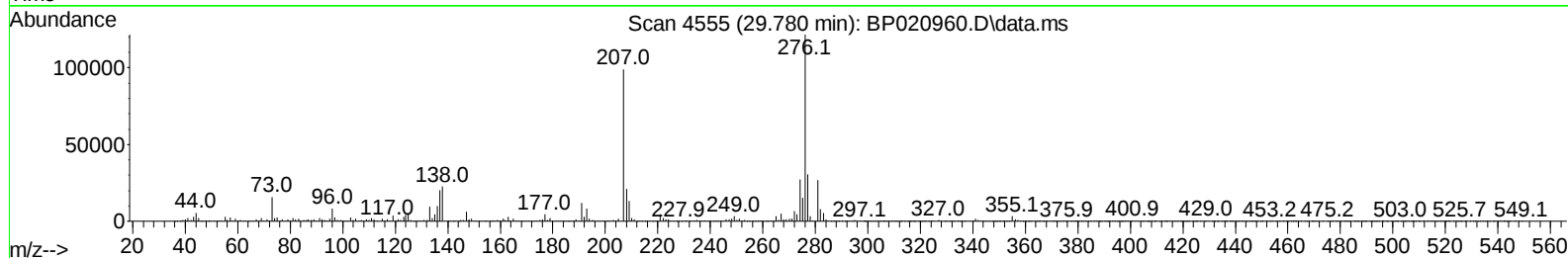
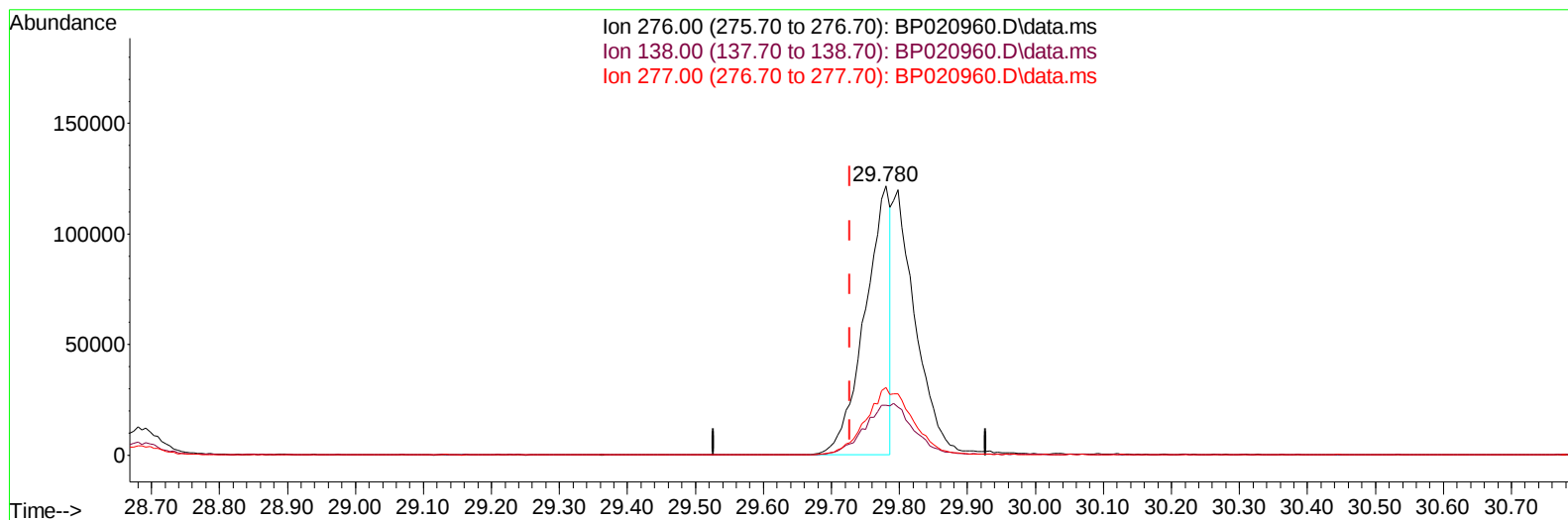
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Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/16/2024
Supervised By :mohammad ahmed 07/18/2024



TIC: BP020960.D\data.ms

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

29.780min (+ 0.053) 5.69 ng/u1

response 314752

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	18.50
277.00	22.70	25.20
0.00	0.00	0.00

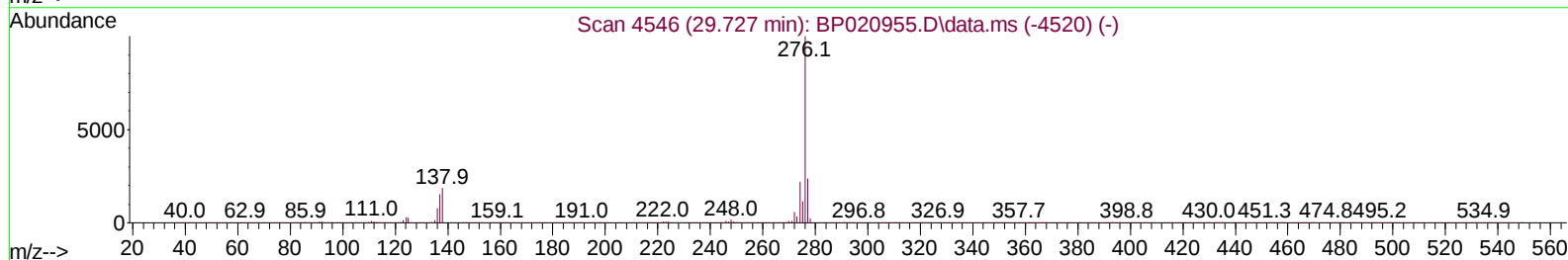
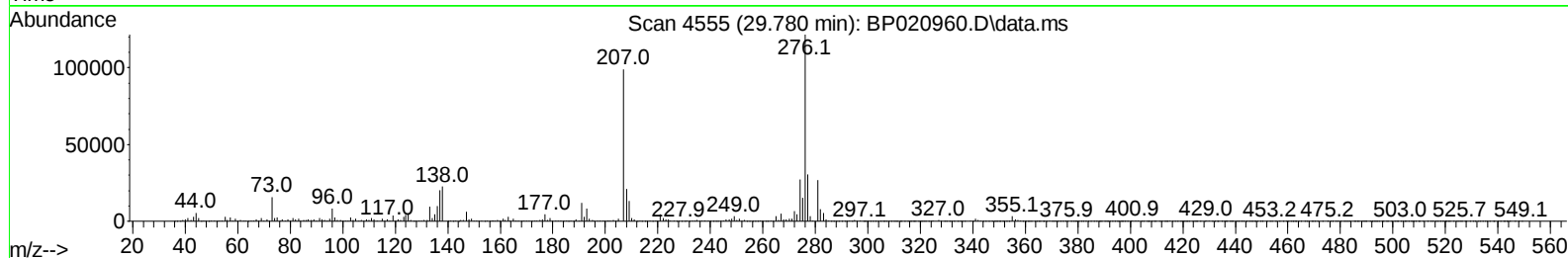
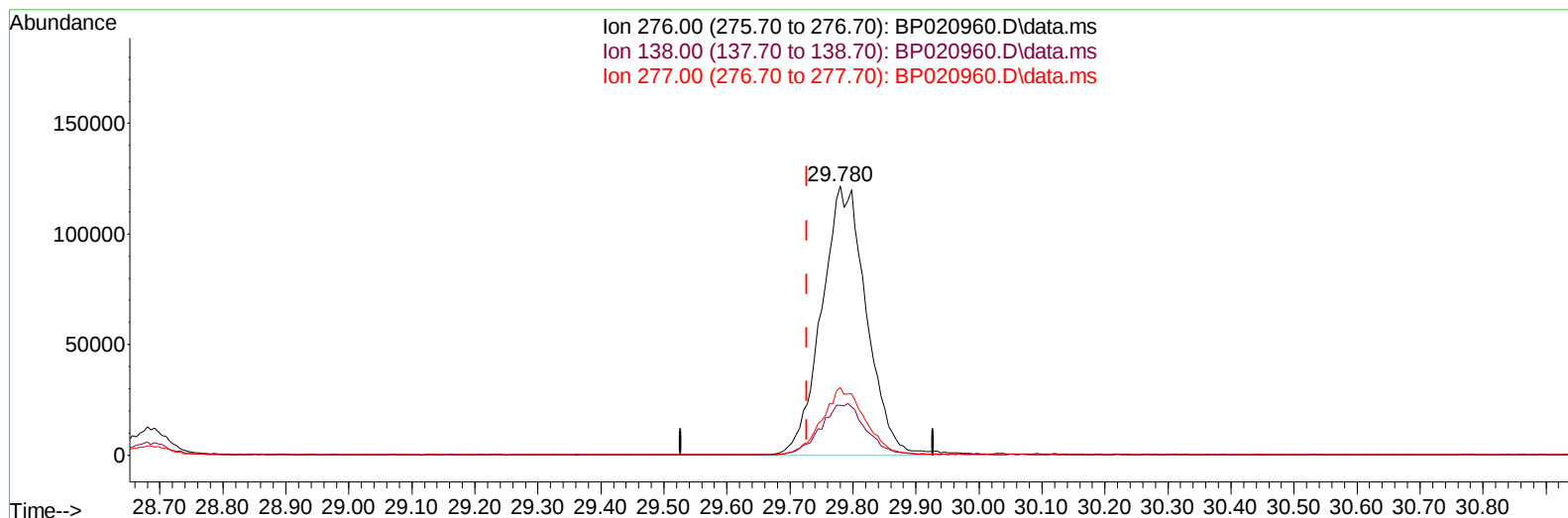
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BP020960.D\data.ms

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

29.780min (+ 0.053) 10.88 ng/ul m

response 601484

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	18.50
277.00	22.70	25.20
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P3177-21DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4DN2DL

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	162258	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	630913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.310	164	381757	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.116	188	739399	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	737425	20.000	ng/ul	0.01
88) Perylene-d12	24.863	264	918948	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	2486	0.697	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.887	99	47324	3.577	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	31067	3.875	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	42239	3.875	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	35669	3.247	ng/ul	0.00
21) Nitrobenzene-d5	8.834	128	18167	3.707	ng/ul	0.00
24) 2-Nitrophenol-d4	9.540	143	20086	3.581	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	51104	5.039	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	44486	3.311	ng/ul	0.01
46) Dimethylphthalate-d6	13.716	166	126193	4.547	ng/ul	0.00
49) Acenaphthylene-d8	14.004	160	143489	4.605	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	10758m	2.725	ng/ul	0.02
60) Fluorene-d10	15.322	176	110296	4.845	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	10020	2.240	ng/ul	0.00
73) Anthracene-d10	17.228	188	166152	5.059	ng/ul	0.00
81) Pyrene-d10	19.604	212	192003	4.211	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.645	264	220718	4.870	ng/ul	0.04
Target Compounds						
					Qvalue	
8) Phenol	6.916	94	42779	3.196	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.116	93	211840	19.157	ng/ul	99
12) 2-Chlorophenol	7.263	128	157367	14.406	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.475	70	166355	18.723	ng/ul	99
23) Isophorone	9.387	82	484712	20.770	ng/ul	98
25) 2-Nitrophenol	9.575	139	55248	9.445	ng/ul	98
29) 2,4-Dichlorophenol	10.116	162	261664	26.179	ng/ul	97
30) Naphthalene	10.493	128	716916	21.603	ng/ul	100
35) 4-Chloro-3-methylphenol	11.763	107	36089	3.322	ng/ul	94
36) 2-Methylnaphthalene	12.110	142	506203	22.221	ng/ul	99
41) 2,4,6-Trichlorophenol	12.734	196	35508	4.533	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	65152	7.860	ng/ul	96
48) 2,6-Dinitrotoluene	13.887	165	211027	37.484	ng/ul	99
50) Acenaphthylene	14.034	152	525007	14.880	ng/ul	99
52) Acenaphthene	14.375	153	534560	22.828	ng/ul	97
55) 4-Nitrophenol	14.598	109	13527m	4.212	ng/ul	
56) Dibenzofuran	14.716	168	380254	11.858	ng/ul	99
57) 2,4-Dinitrotoluene	14.710	165	60754	7.861	ng/ul#	71
59) Diethylphthalate	15.145	149	698770	24.831	ng/ul	99
61) Fluorene	15.375	166	403174	15.407	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.363	204	212487	14.964	ng/ul	96
68) 4-Bromophenyl-phenylether	16.287	248	96283	11.110	ng/ul	99
71) Pentachlorophenol	16.775	266	89676	16.616	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Phenanthrene	17.163	178	300274	7.828	ng/ul	99
74) Anthracene	17.263	178	742666	18.992	ng/ul	99
78) Di-n-butylphthalate	18.128	149	789440	17.900	ng/ul	100
80) Fluoranthene	19.257	202	629911	11.441	ng/ul	99
83) Butylbenzylphthalate	20.580	149	62016	2.657	ng/ul	96
85) Benzo(a)anthracene	21.545	228	500117	9.681	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1259701	37.499	ng/ul	100
89) Di-n-octyl phthalate	22.716	149	1173698	19.334	ng/ul	100
90) Benzo(b)fluoranthene	23.821	252	415018	7.442	ng/ul	99
91) Benzo(k)fluoranthene	23.886	252	307111	5.518	ng/ul	98
93) Benzo(a)pyrene	24.704	252	281493	5.342	ng/ul	99
95) Dibenzo(a,h)anthracene	28.680	278	234175m	4.164	ng/ul	
96) Benzo(g,h,i)perylene	29.780	276	601484m	10.876	ng/ul	

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

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