

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072324\
 Data File : BP021110.D
 Acq On : 23 Jul 2024 22:59
 Operator : MA/JU
 Sample : P3238-17
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

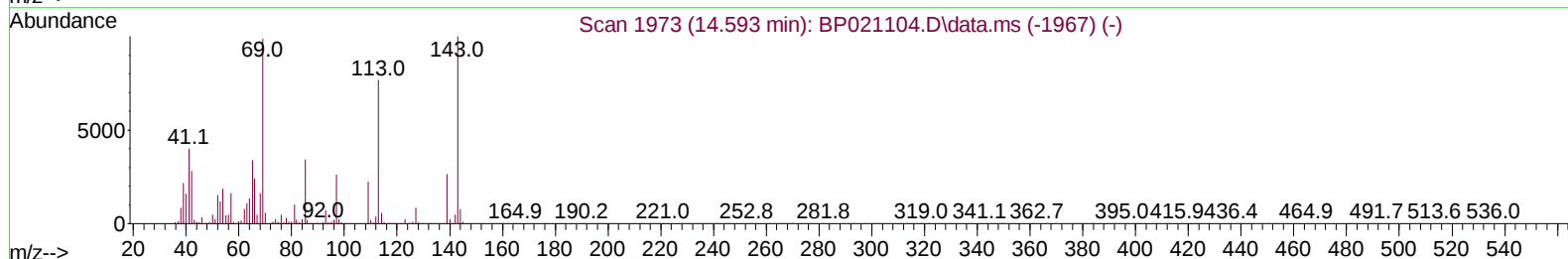
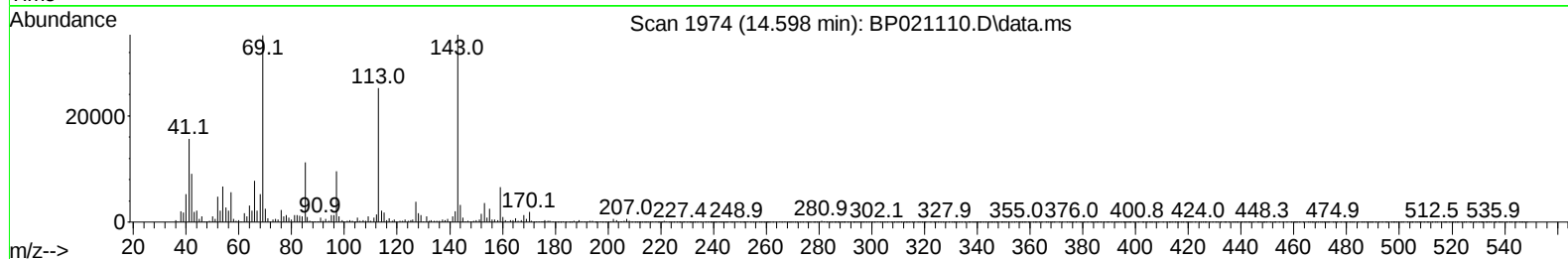
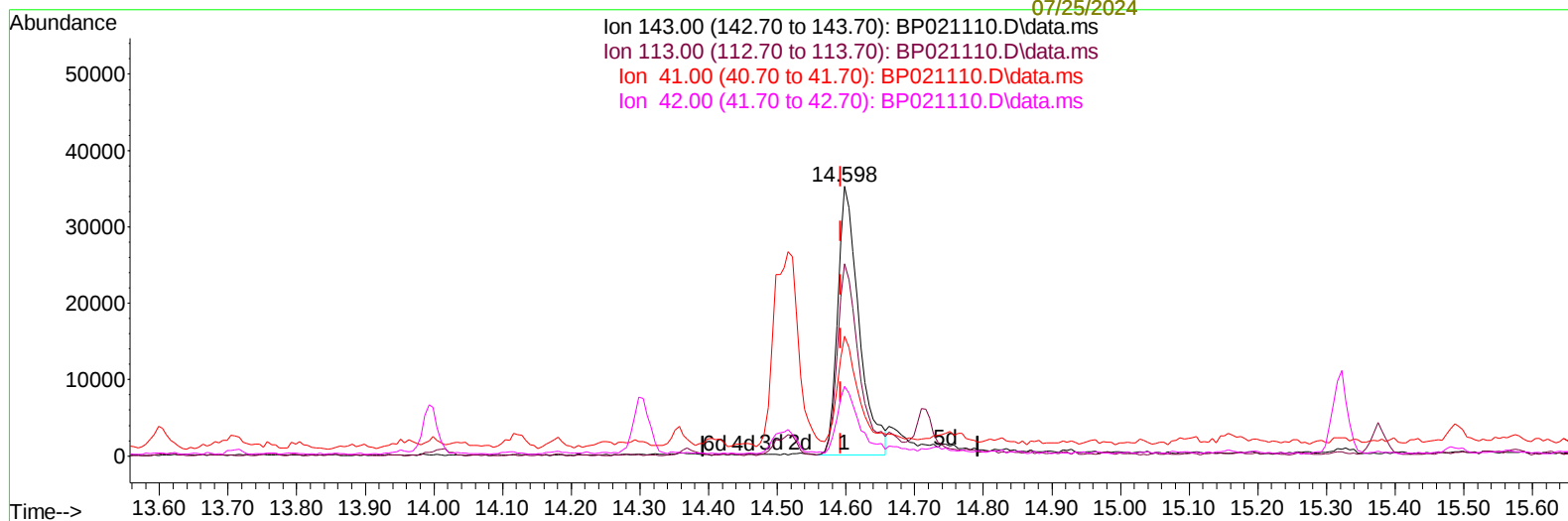
Instrument :
 BNA_P
 ClientSampleId :
 A4C04

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/25/2024

Supervised By :mohammad
 ahmed
 07/25/2024

Quant Time: Jul 24 04:38:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 00:21:57 2024
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TIC: BP021110.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.006) 15.58 ng/u1

response 75470

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	71.39
41.00	37.90	44.58
42.00	27.10	25.92

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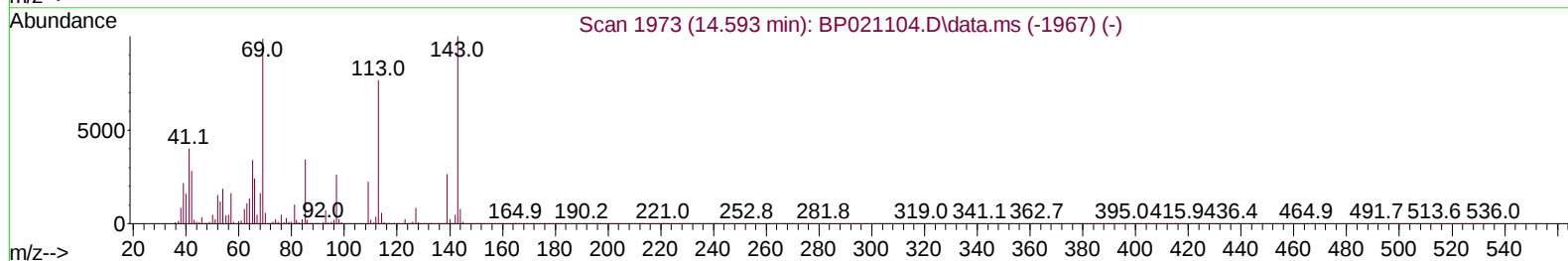
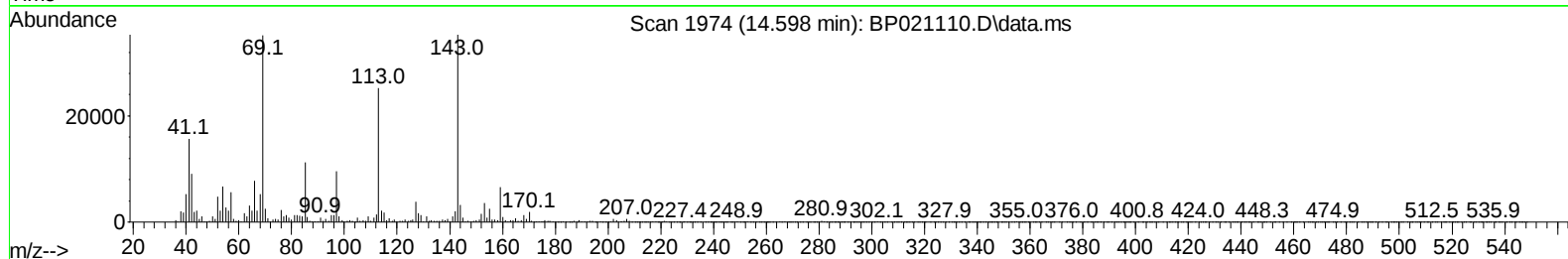
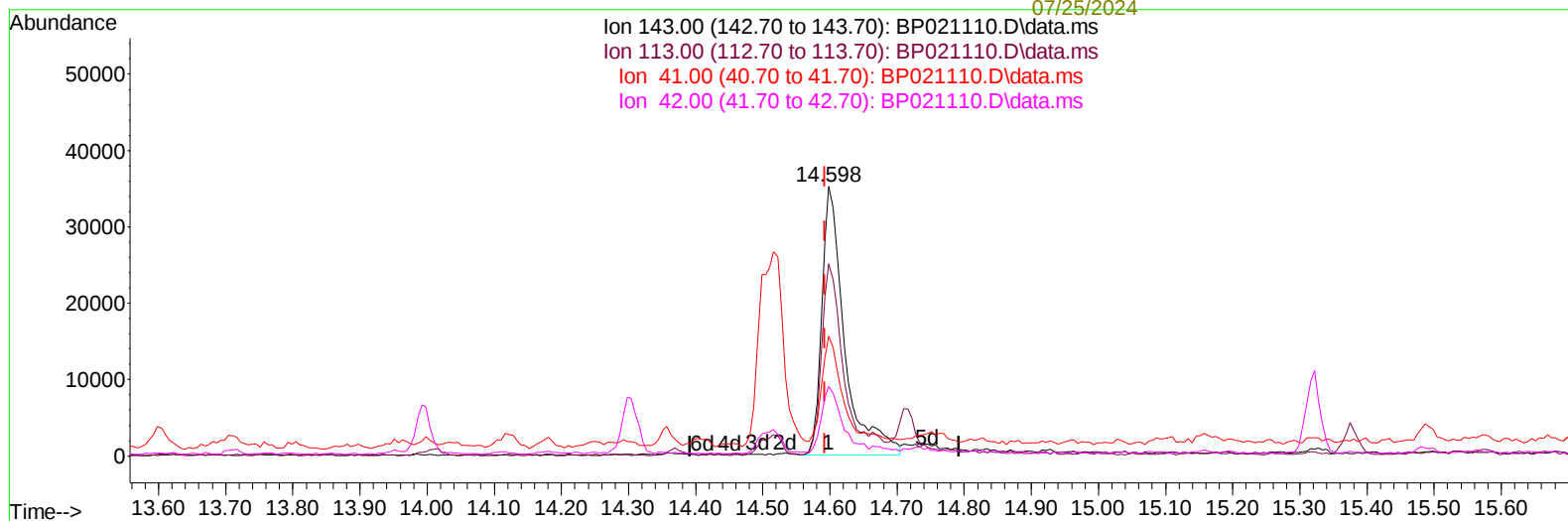
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(54) 4-Nitrophenol-d4 (S)

14.598min (+ 0.006) 17.10 ng/ul m

response 82873

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	71.39
41.00	37.90	44.58
42.00	27.10	25.92

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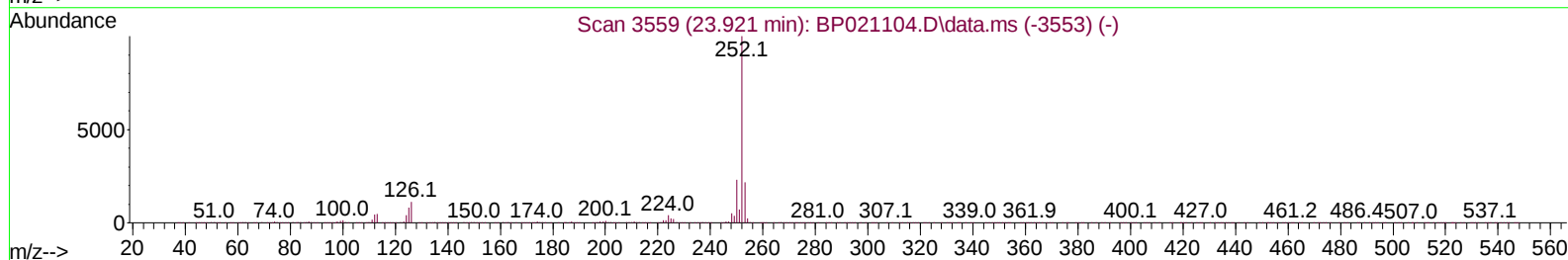
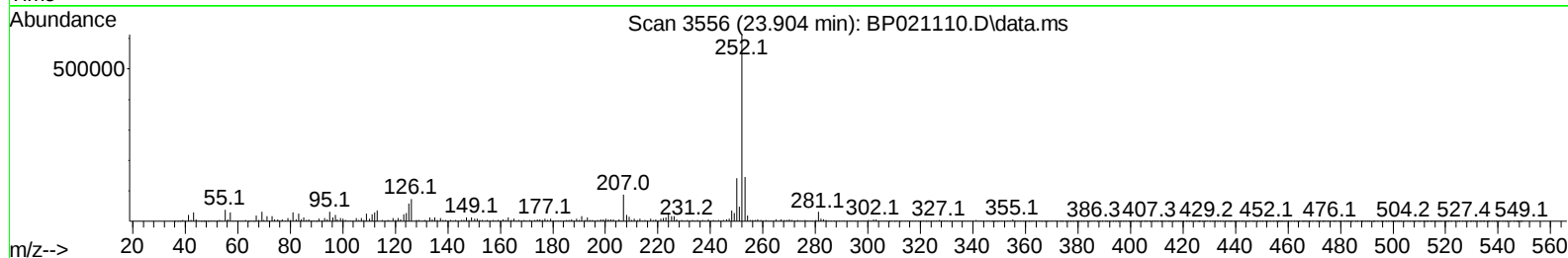
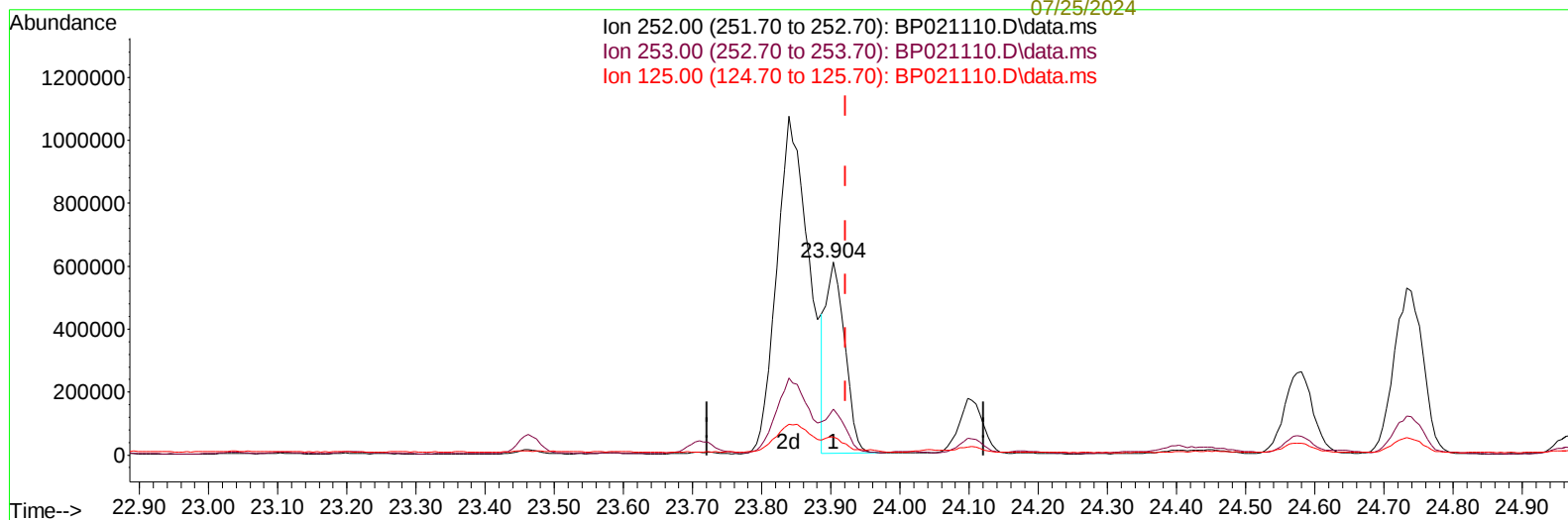
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(91) Benzo(k)fluoranthene

23.904min (-0.018) 16.12 ng/u1

response 1159974

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.73
125.00	9.20	9.41
0.00	0.00	0.00

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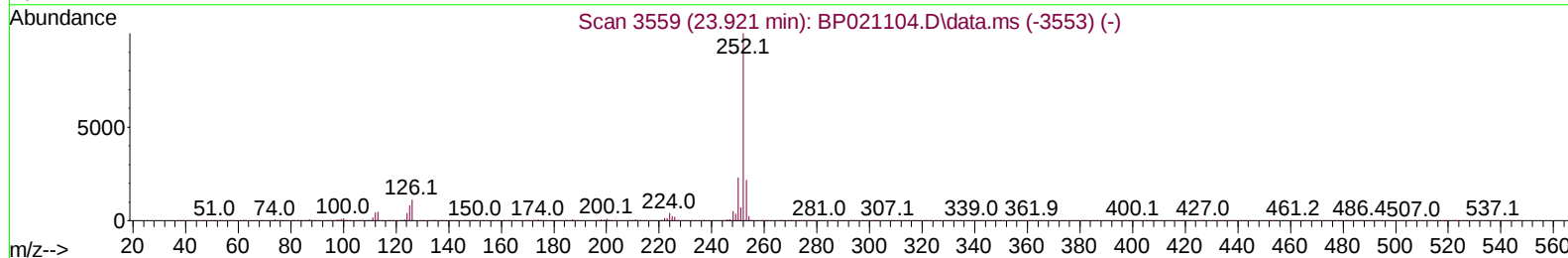
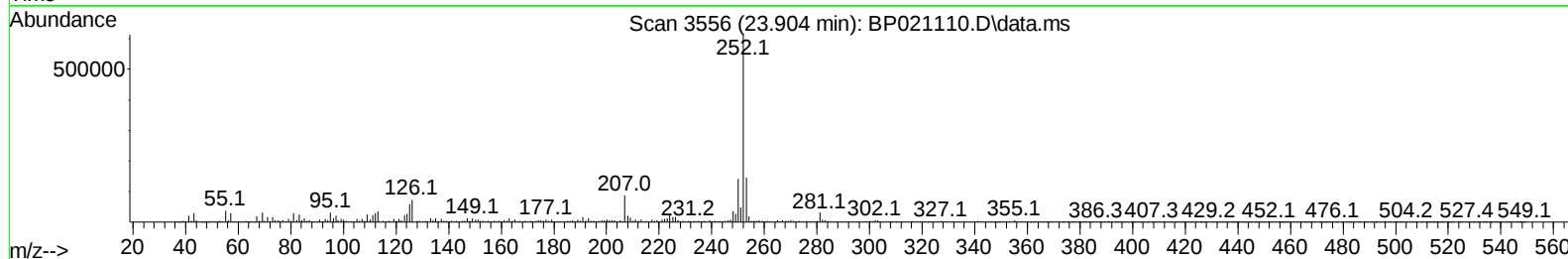
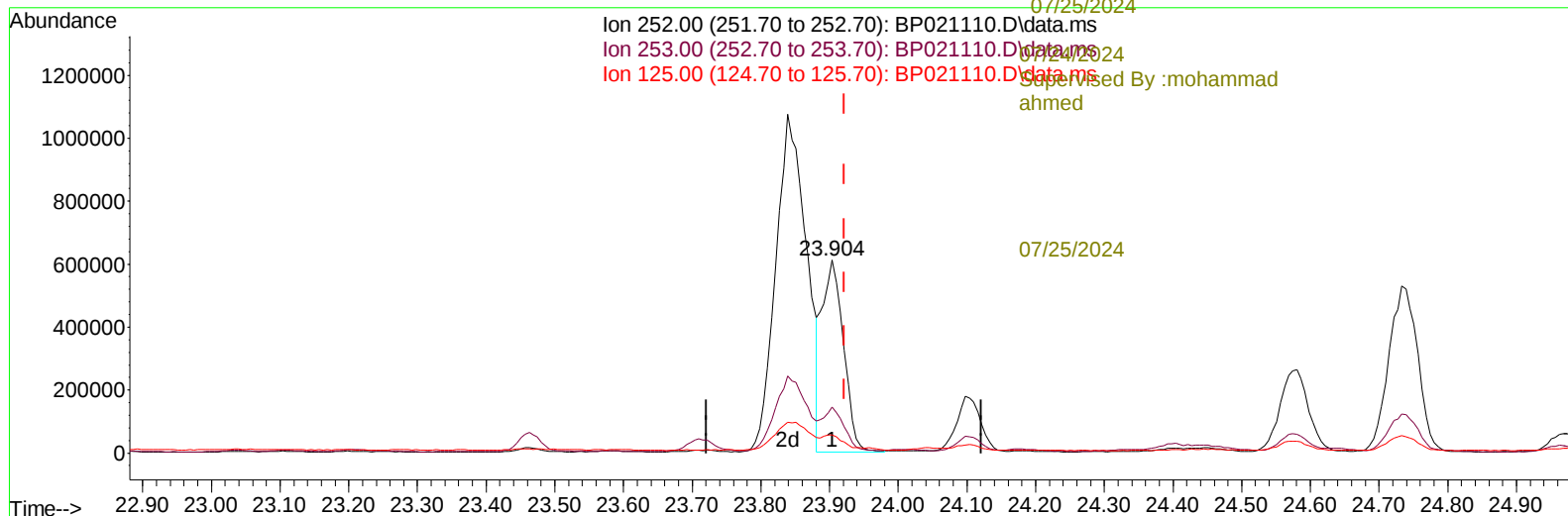
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ahmed
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07/25/2024



TIC: BP021110.D\data.ms

(91) Benzo(k)fluoranthene

23.904min (-0.018) 18.49 ng/ul m

response 1330773

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.73
125.00	9.20	9.41
0.00	0.00	0.00

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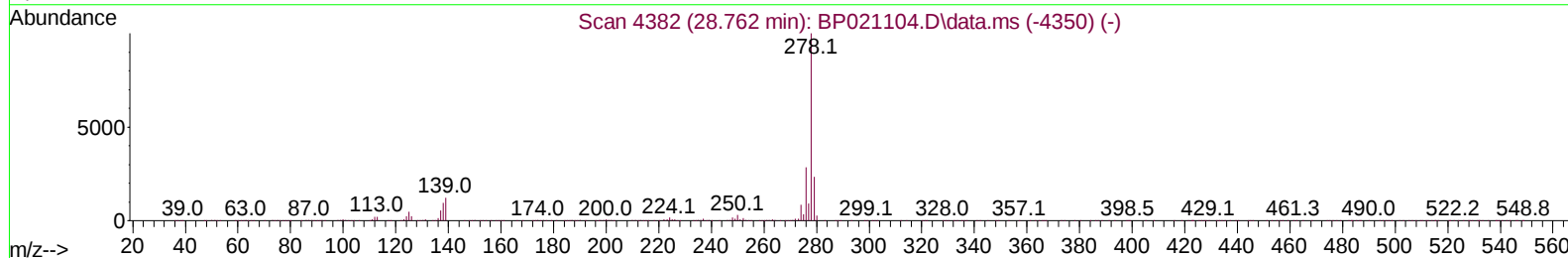
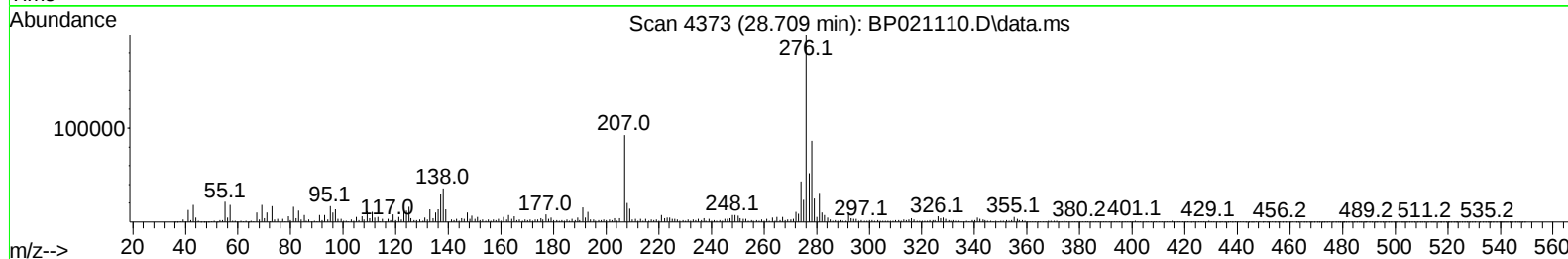
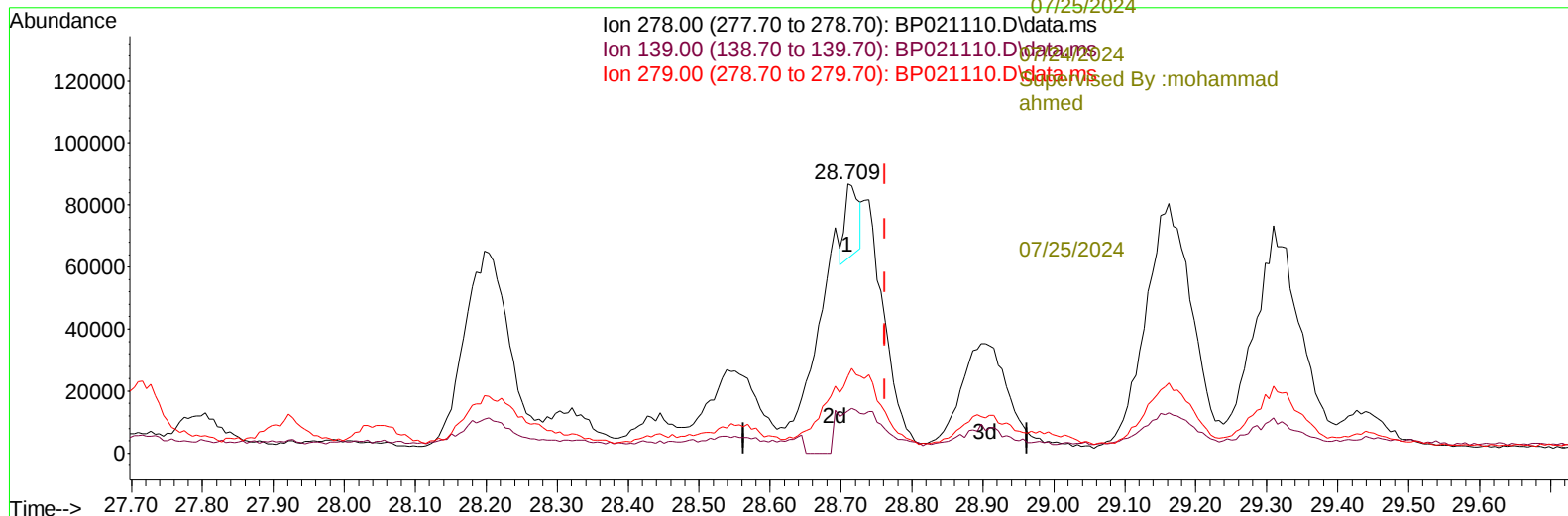
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TIC: BP021110.D\data.ms

(95) Dibenzo(a,h)anthracene

28.709min (-0.053) 0.44 ng/u1

response 31802

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.70
279.00	24.20	28.63
0.00	0.00	0.00

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ALS Vial : 17 Sample Multiplier: 1

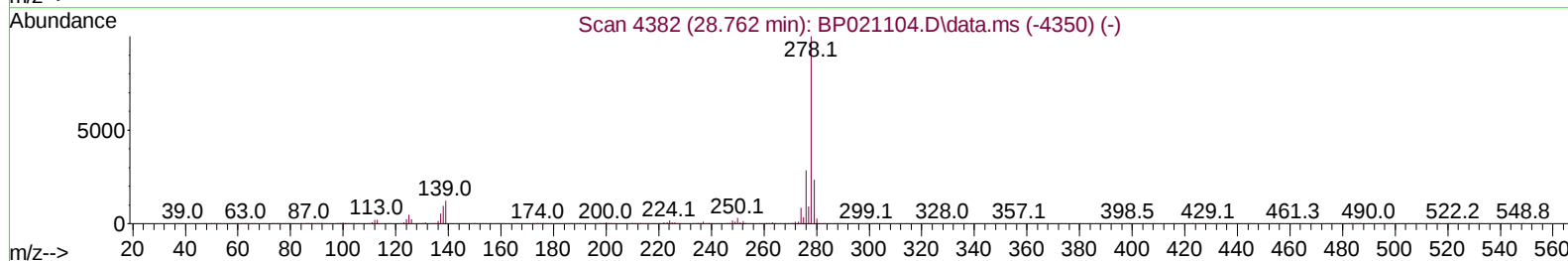
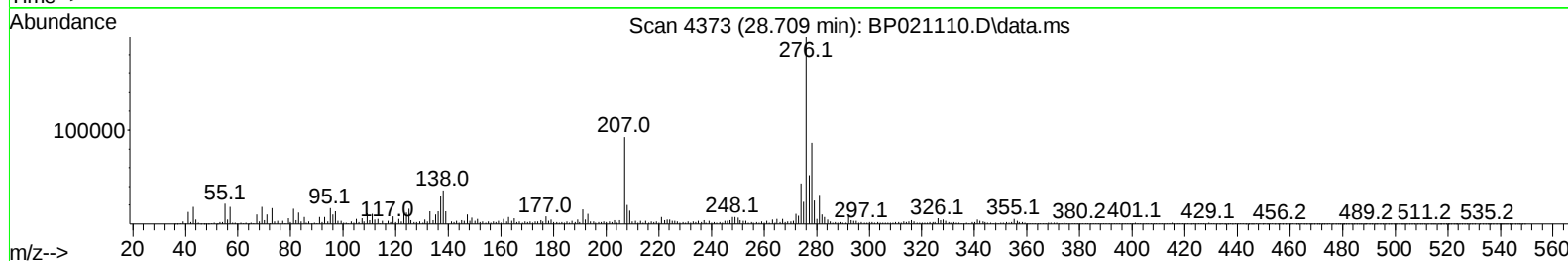
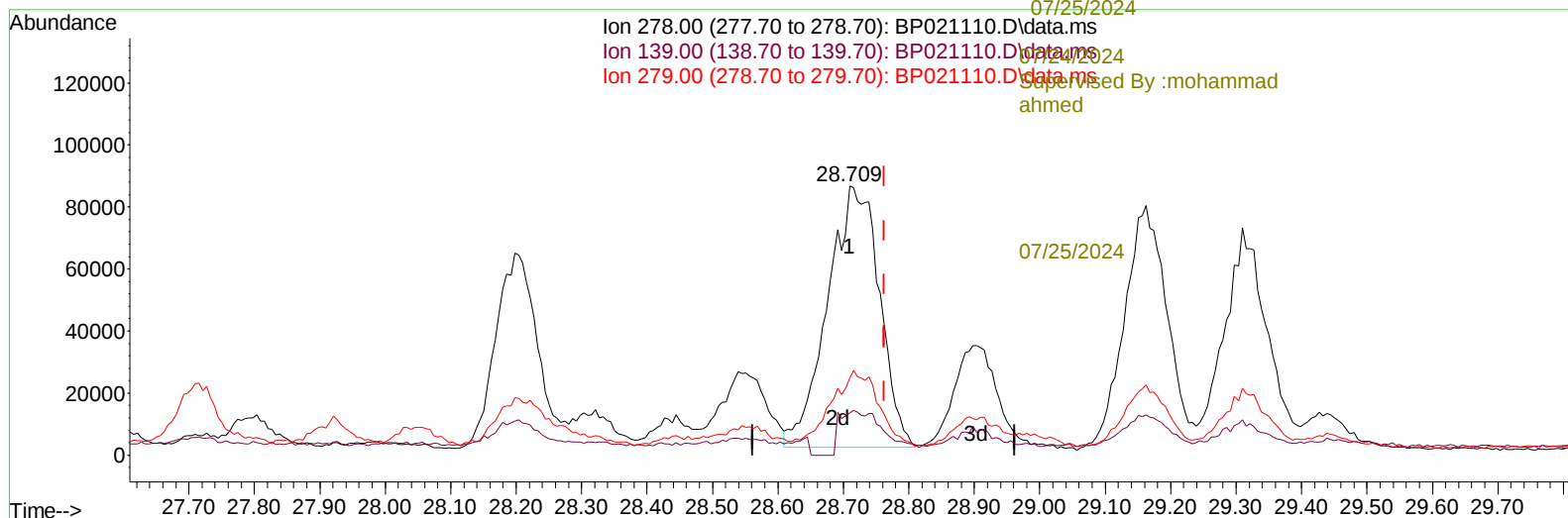
Instrument :
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TIC: BP021110.D\data.ms

(95) Dibenzo(a,h)anthracene

28.709min (-0.053) 6.34 ng/ul m

response 461208

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.60	15.70
279.00	24.20	28.63
0.00	0.00	0.00

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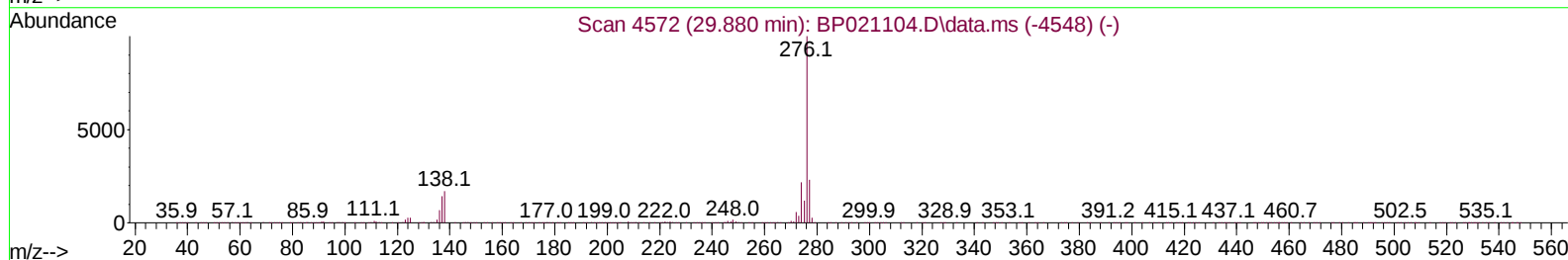
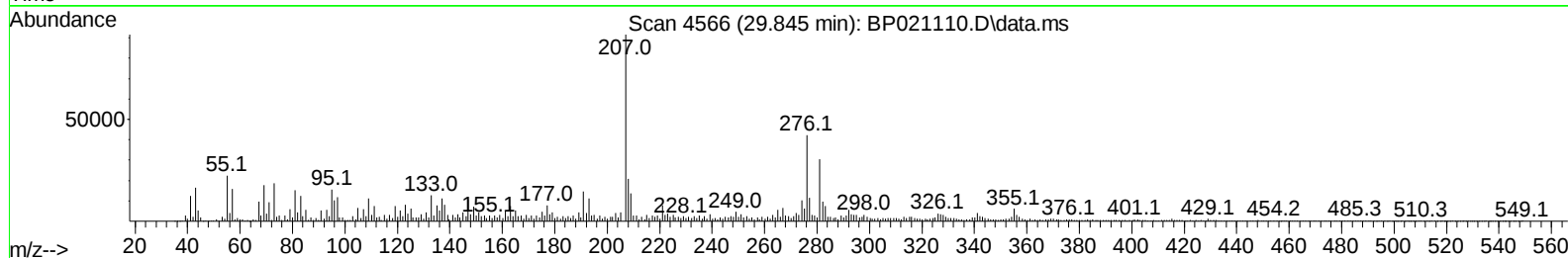
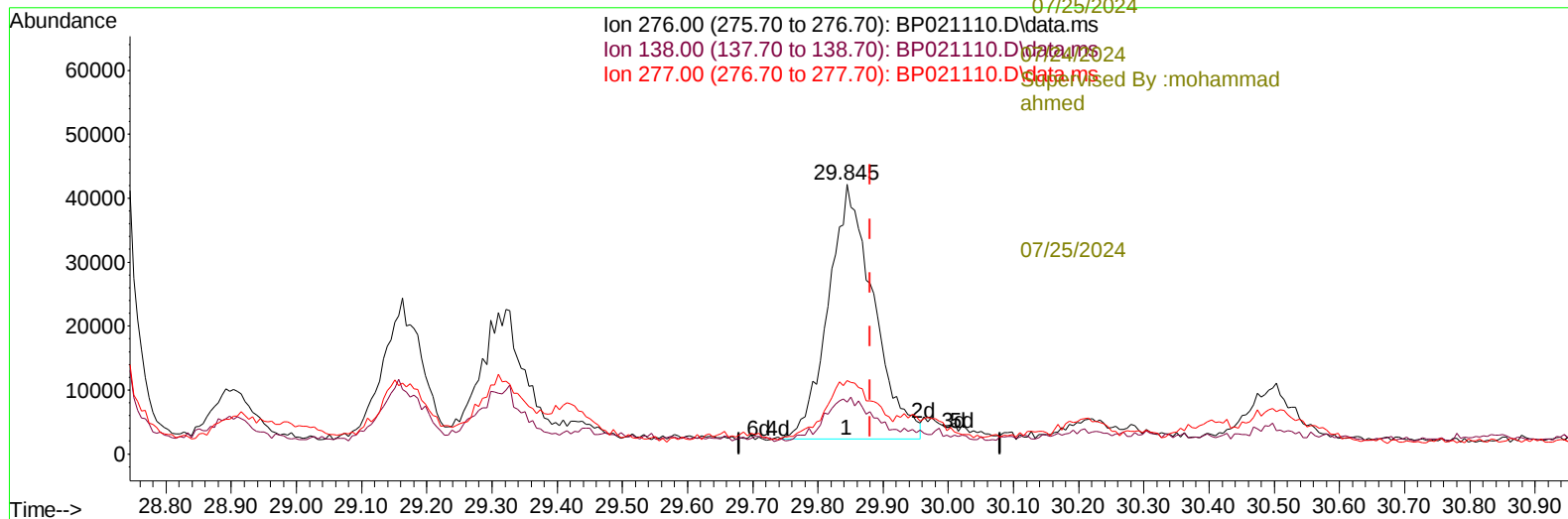
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TIC: BP021110.D\data.ms

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

29.845min (-0.035) 2.69 ng/u1

response 192517

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.30
277.00	22.70	27.36#
0.00	0.00	0.00

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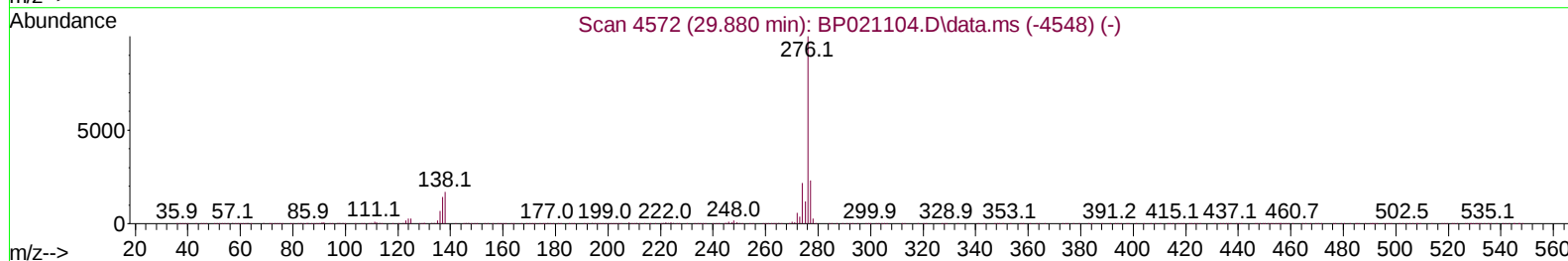
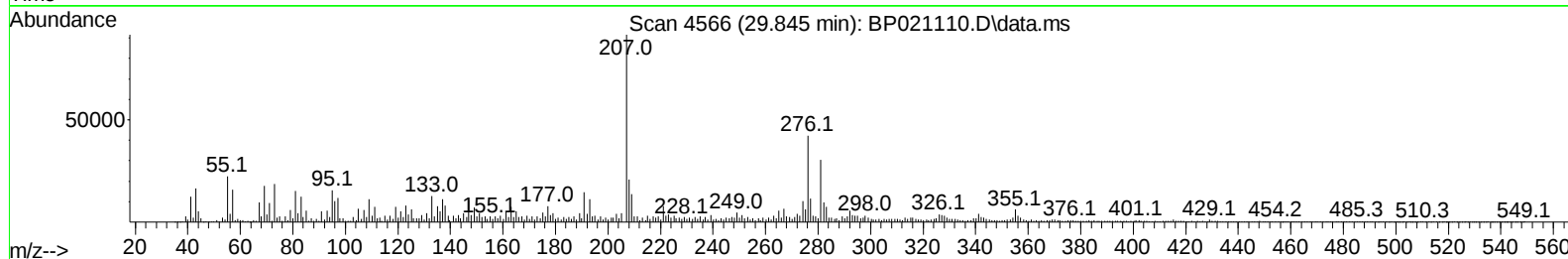
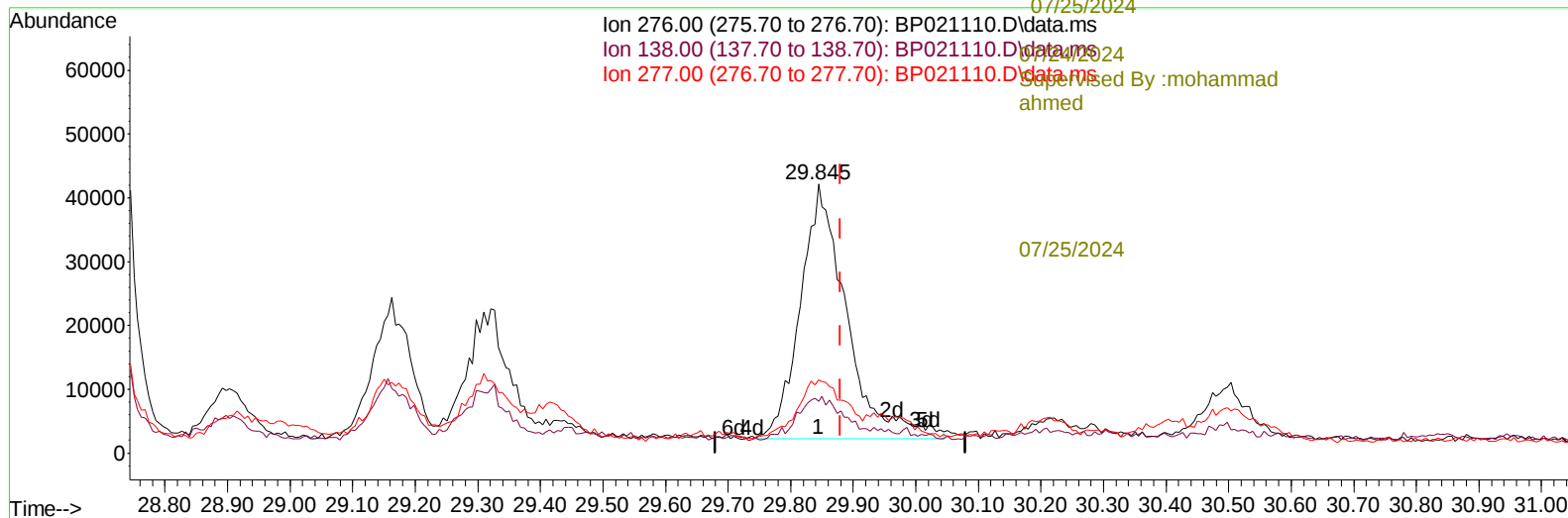
Instrument :
BNA_P
ClientSampleId :
A4C04

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Supervised By :mohammad ahmed 07/25/2024

Supervised By :mohammad
ahmed
07/25/2024

Supervised By :mohammad
ahmed



TIC: BP021110.D\data.ms

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

29.845min (-0.035) 2.86 ng/u1 m

response 204835

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	19.10	19.30
277.00	22.70	27.36#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----07/24/2024						
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	173197	20.000	ng/ul	0.00
20) Naphthalene-d8	10.434	136	699000	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	468444	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.122	188	1003653	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	956430	20.000	ng/ul	0.00
88) Perylene-d12	24.898	264	1188350	20.000	ng/ul	0.00
-----07/25/2024						
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	13422	3.527	ng/uL	0.00
4) Pyridine-d5	3.628	84	11866	1.077	ng/ul	0.02
7) Phenol-d5	6.887	99	282592	20.013	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.011	67	165837	19.380	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	242111	20.811	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	234295	19.978	ng/ul	0.00
21) Nitrobenzene-d5	8.822	128	117005	21.551	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	131096	21.097	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	242500	21.582	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	169887	11.413	ng/ul	0.01
46) Dimethylphthalate-d6	13.710	166	748072	21.968	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	871082	22.781	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	82873m	17.105	ng/ul	0.00
60) Fluorene-d10	15.322	176	684539	24.503	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	37659	6.201	ng/ul	0.00
73) Anthracene-d10	17.222	188	1114063	24.992	ng/ul	0.00
81) Pyrene-d10	19.610	212	1193240	20.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.663	264	1094396	18.673	ng/ul	-0.02

Target Compounds						Qvalue
30) Naphthalene	10.481	128	110180	2.997	ng/ul	100
36) 2-Methylnaphthalene	12.104	142	43066	1.706	ng/ul	97
37) 1-Methylnaphthalene	12.322	142	36078	1.390	ng/ul	96
50) Acenaphthylene	14.028	152	58140	1.343	ng/ul	99
52) Acenaphthene	14.369	153	192637	6.704	ng/ul	98
56) Dibenzofuran	14.716	168	171601	4.361	ng/ul	95
61) Fluorene	15.375	166	255165	7.947	ng/ul	100
72) Phenanthrene	17.163	178	4123503	79.198	ng/ul	99
74) Anthracene	17.263	178	850458	16.023	ng/ul	99
77) Carbazole	17.545	167	456646	10.524	ng/ul	99
80) Fluoranthene	19.269	202	5865615	82.141	ng/ul	98
82) Pyrene	19.645	202	4406828	60.646	ng/ul	99
83) Butylbenzylphthalate	20.569	149	36378	1.202	ng/ul	89
85) Benzo(a)anthracene	21.551	228	2680371	40.006	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.451	149	481876	11.060	ng/ul#	98
87) Chrysene	21.616	228	2756022	44.269	ng/ul	97
90) Benzo(b)fluoranthene	23.839	252	3302730	45.798	ng/ul	98
91) Benzo(k)fluoranthene	23.904	252	1330773m	18.491	ng/ul	
93) Benzo(a)pyrene	24.733	252	1540780	22.610	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.686	276	1292713	14.721	ng/ul	98
95) Dibenzo(a,h)anthracene	28.709	278	461208m	6.342	ng/ul	
96) Benzo(g,h,i)perylene	29.845	276	204835m	2.864	ng/ul	

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ahmed
07/25/2024

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

07/24/2024								
Supervised By :mohammad								
ahmed								

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

07/25/2024

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