

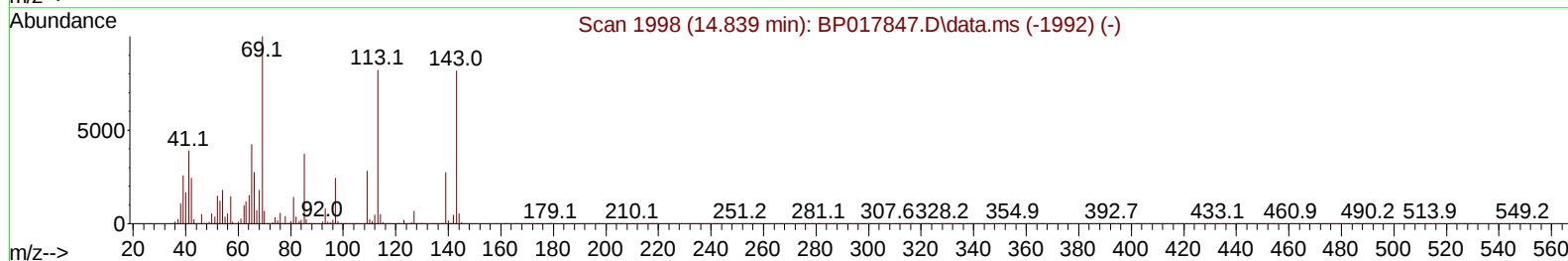
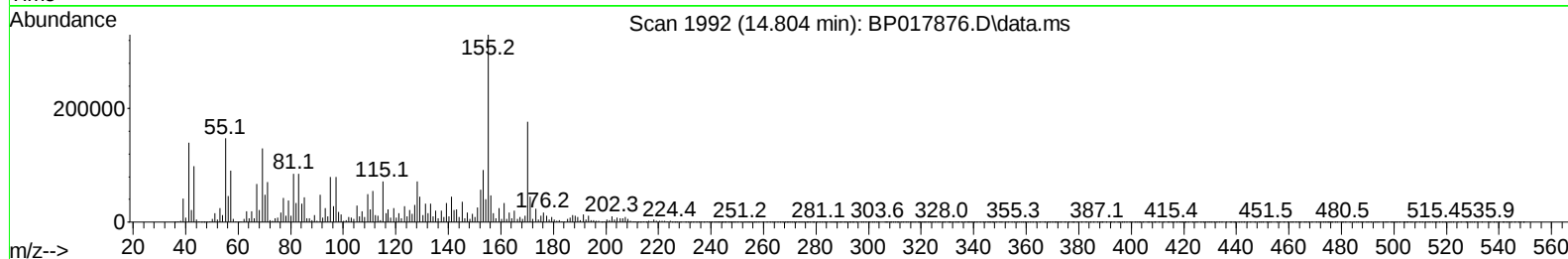
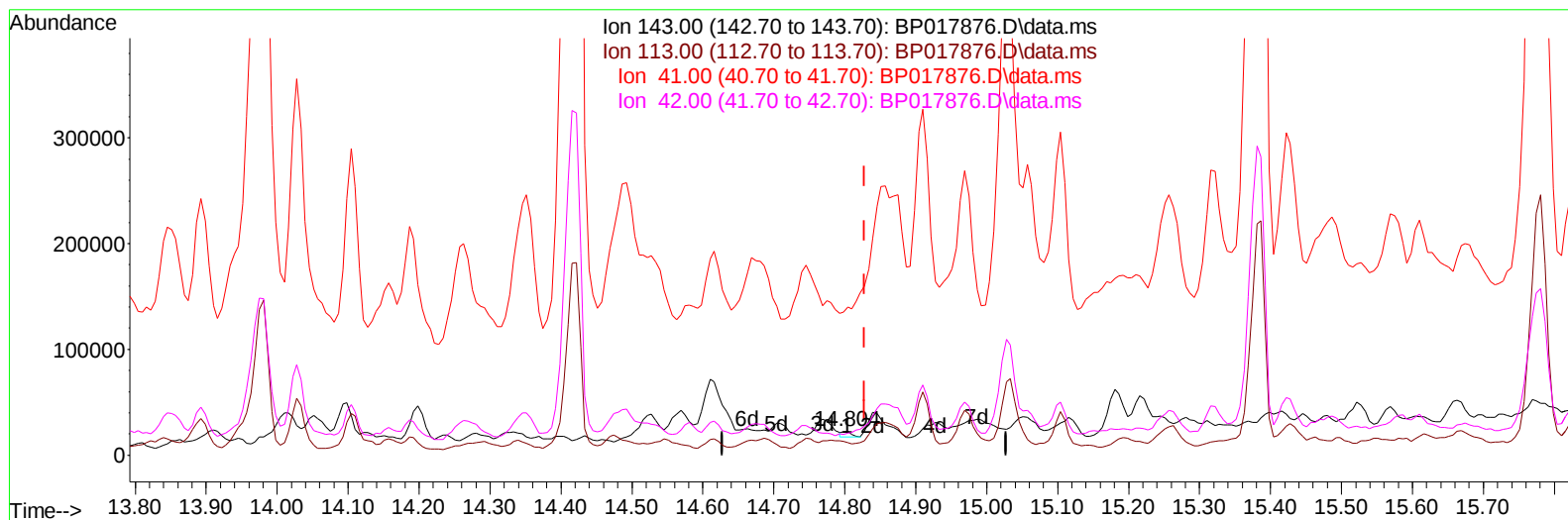
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110123\
Data File : BP017876.D
Acq On : 02 Nov 2023 06:44
Operator : MA/JU
Sample : 04922-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAR2

Manual IntegrationsAPPROVED

Quant Time: Nov 02 07:19:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 19 01:32:15 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/03/2023
Supervised By :mohammad ahmed 11/04/2023



TIC: BP017876.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.804min (-0.024) 1.06 ng/u1

response 4883

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	81.70	50.99#
41.00	39.20	620.36#
42.00	25.60	93.05#

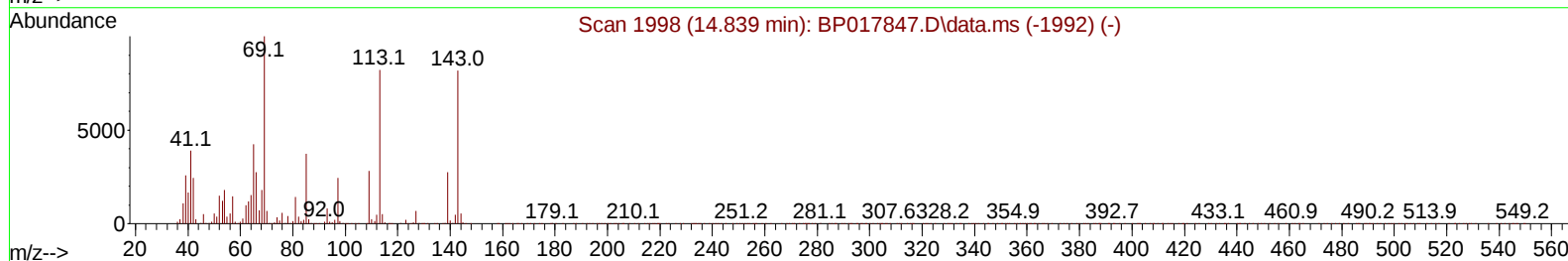
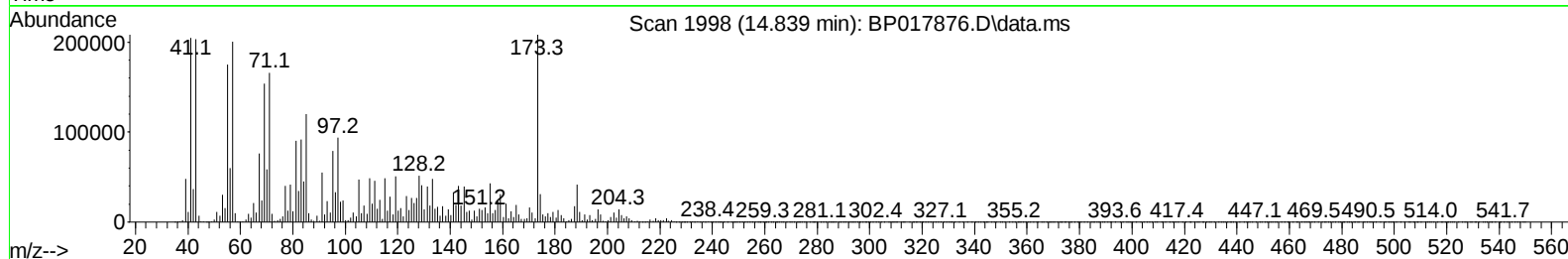
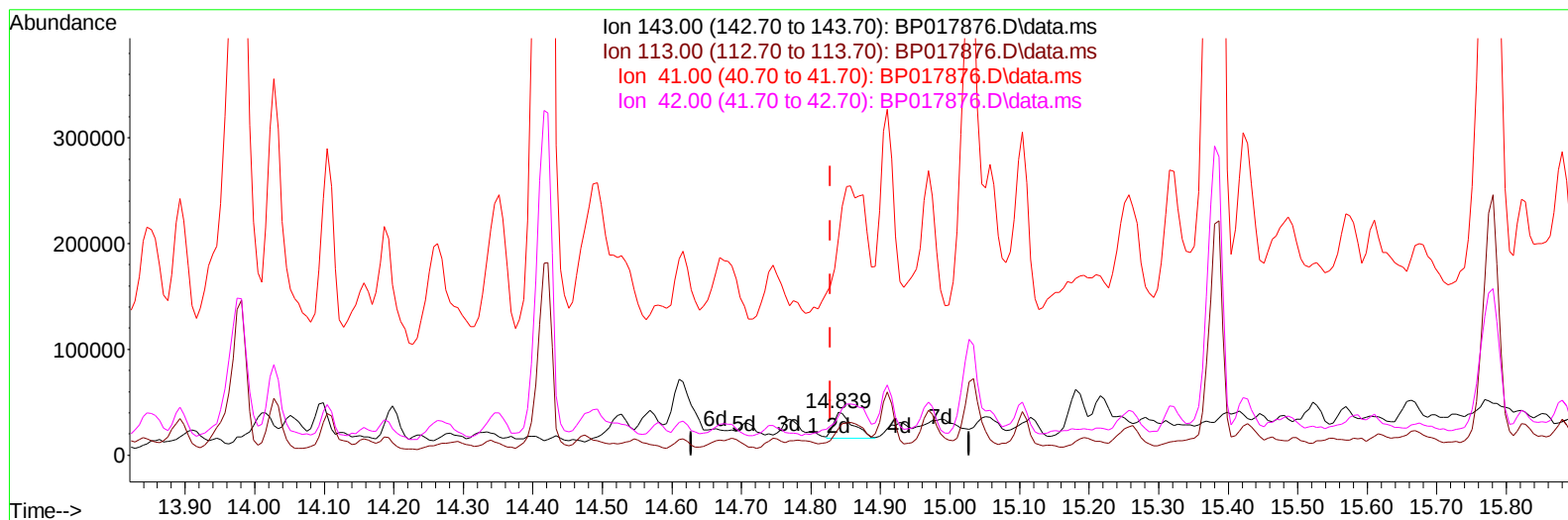
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TIC: BP017876.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.839min (+ 0.012) 10.36 ng/ul m

response 47926

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	81.70	61.87#
41.00	39.20	506.39#
42.00	25.60	91.52#

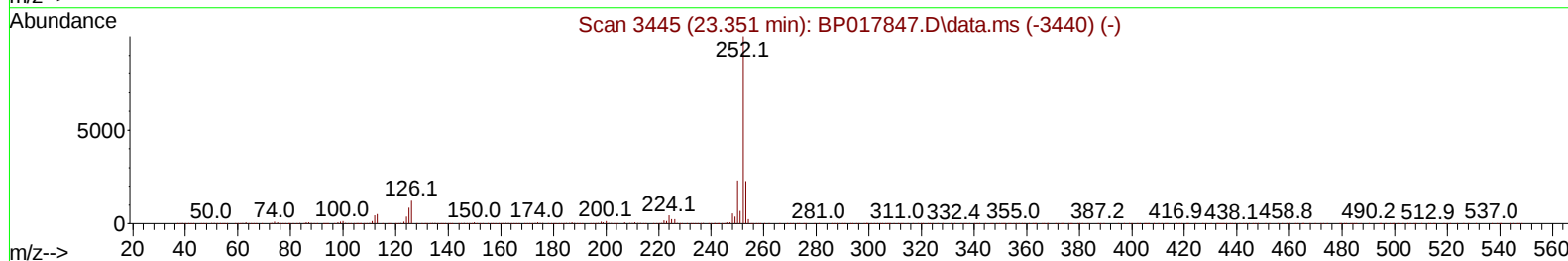
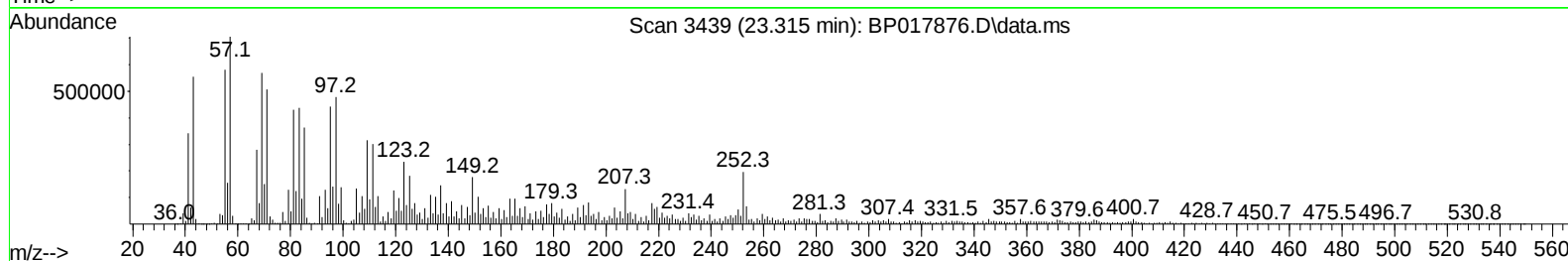
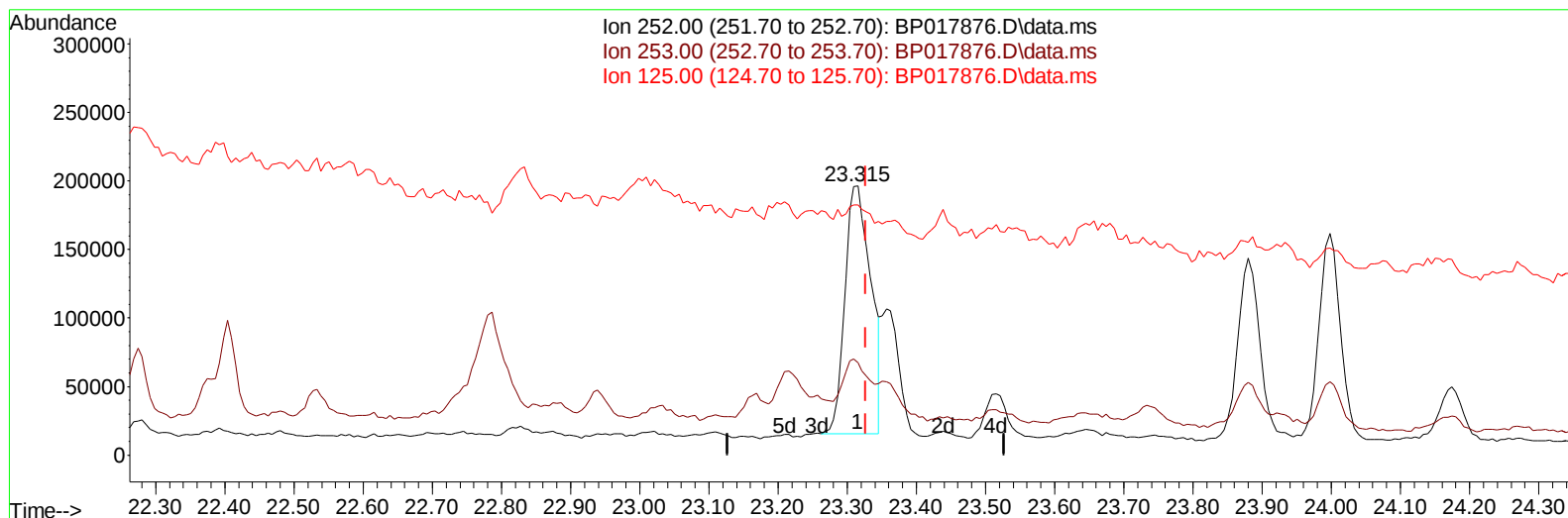
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Instrument :
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 ClientSampleId :
 EOAR2

Manual IntegrationsAPPROVED

Quant Time: Nov 02 07:19:56 2023
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TIC: BP017876.D\data.ms

(91) Benzo(k)fluoranthene

23.315min (-0.012) 7.02 ng/u1

response 471085

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	34.30#
125.00	8.80	93.06#
0.00	0.00	0.00

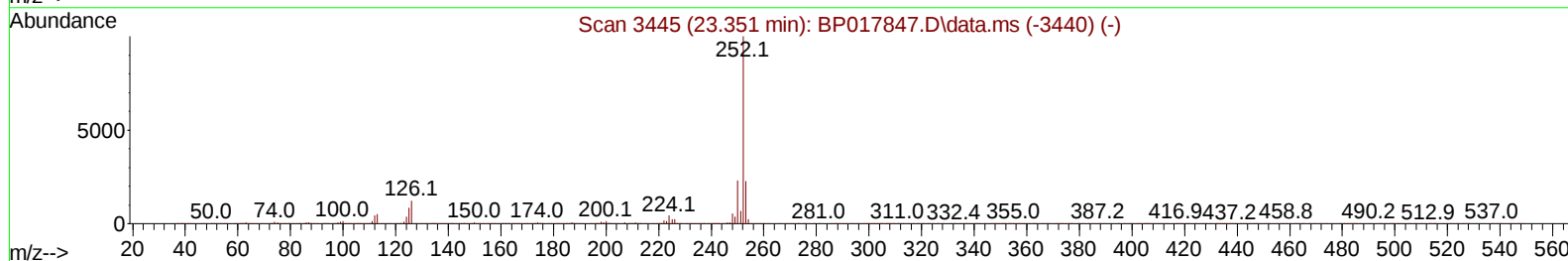
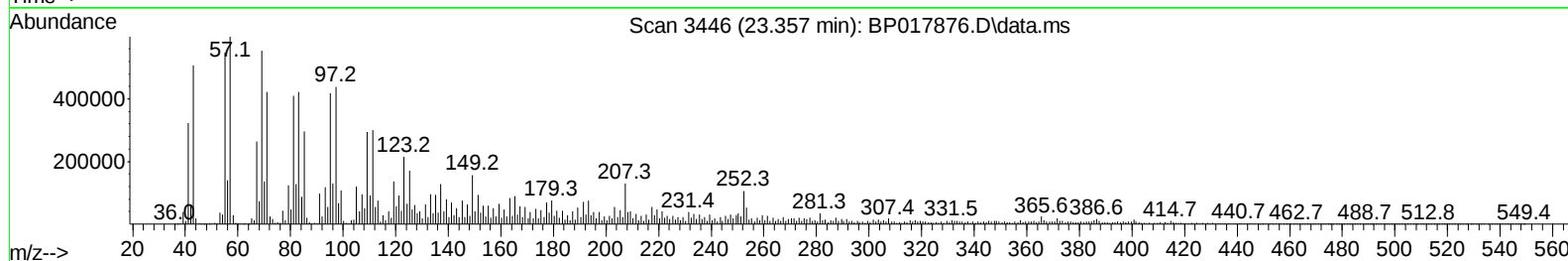
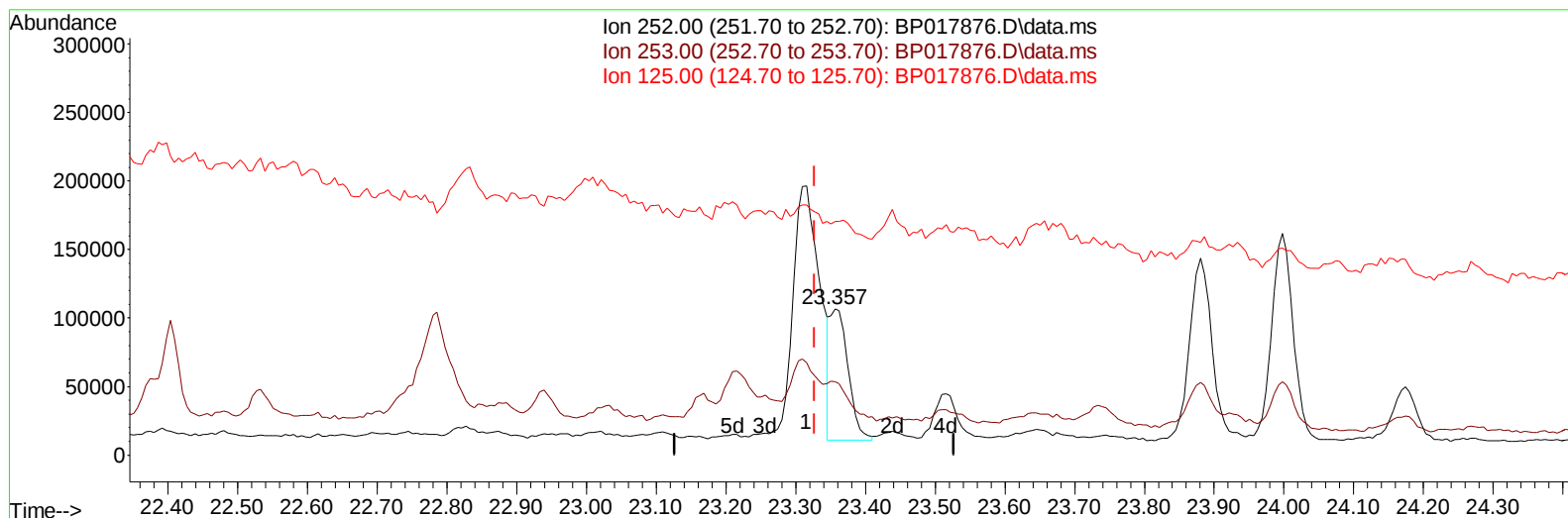
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Instrument :
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TIC: BP017876.D\data.ms

(91) Benzo(k)fluoranthene

23.357min (+ 0.029) 2.58 ng/ul m

response 172993

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.90	50.26#
125.00	8.80	160.30#
0.00	0.00	0.00

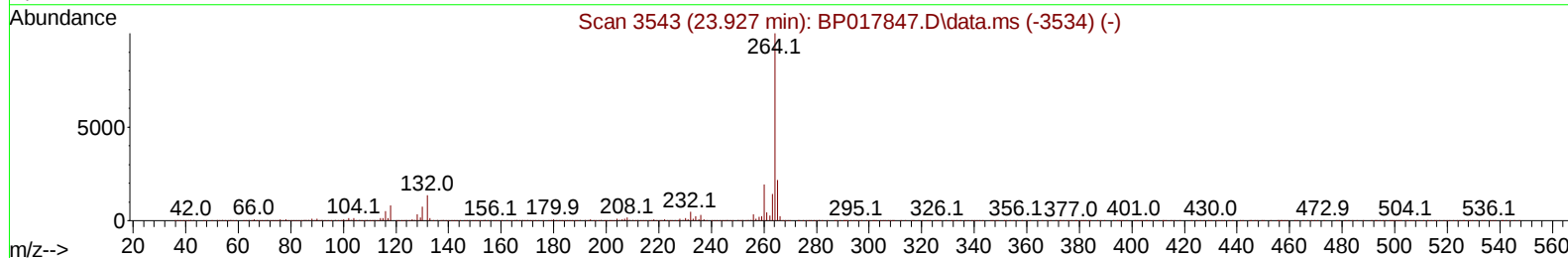
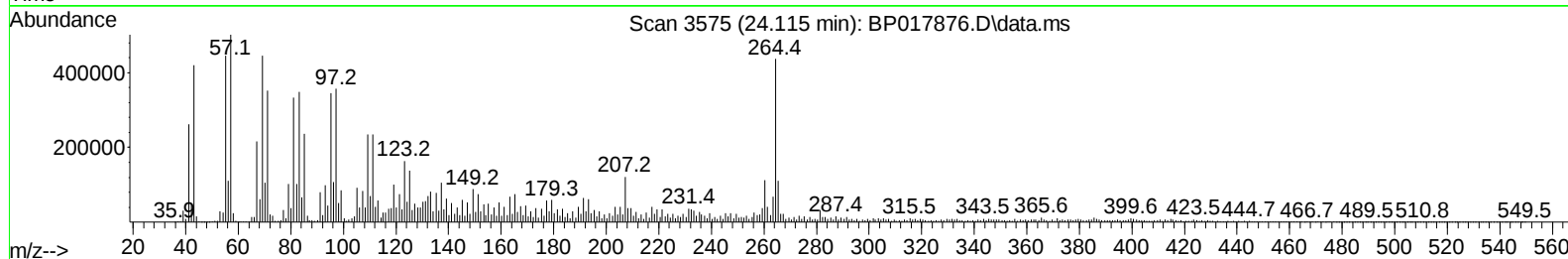
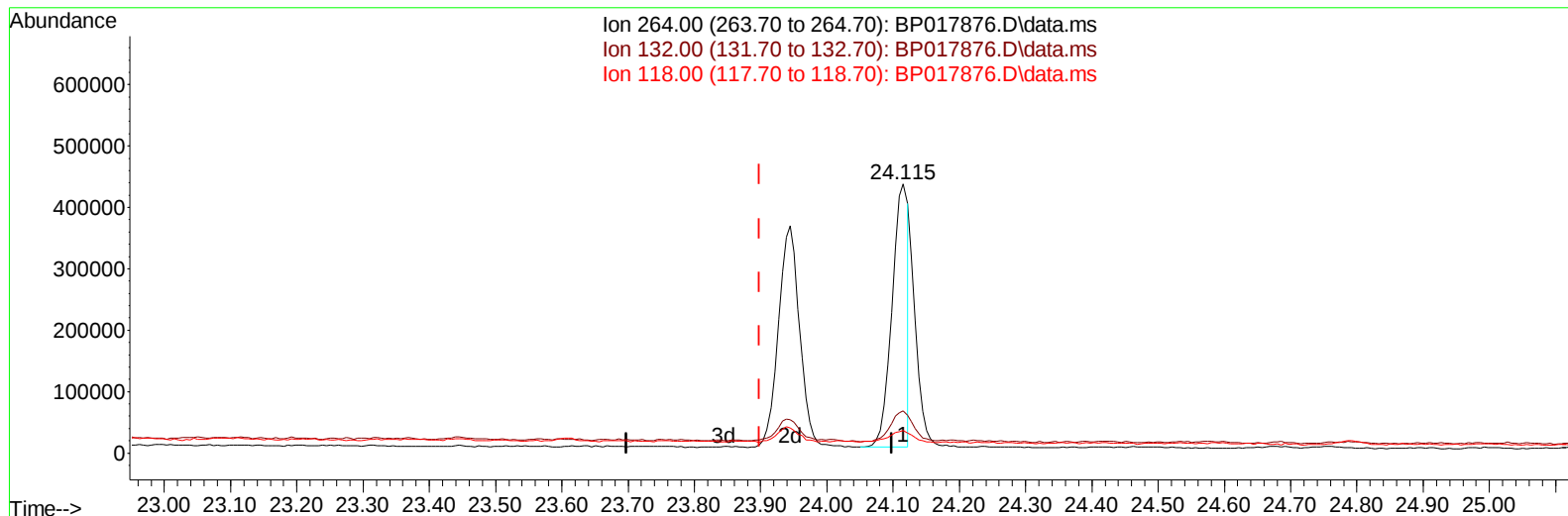
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Sample : 04922-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EOAR2

Manual IntegrationsAPPROVED

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TIC: BP017876.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

24.115min (+ 0.217) 13.15 ng/u1

response 712412

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.20	15.81
118.00	8.60	8.39
0.00	0.00	0.00

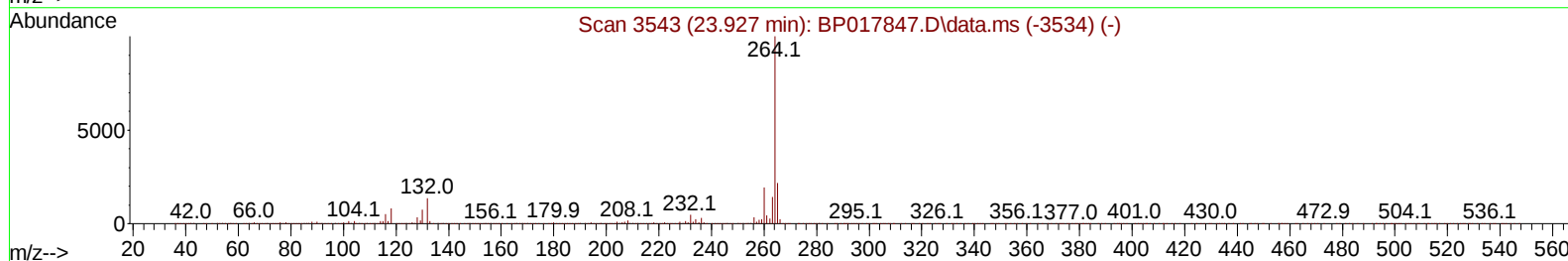
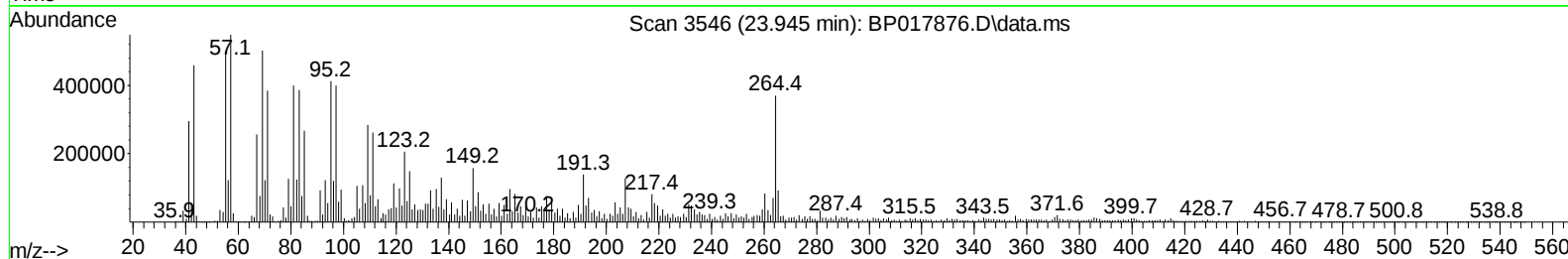
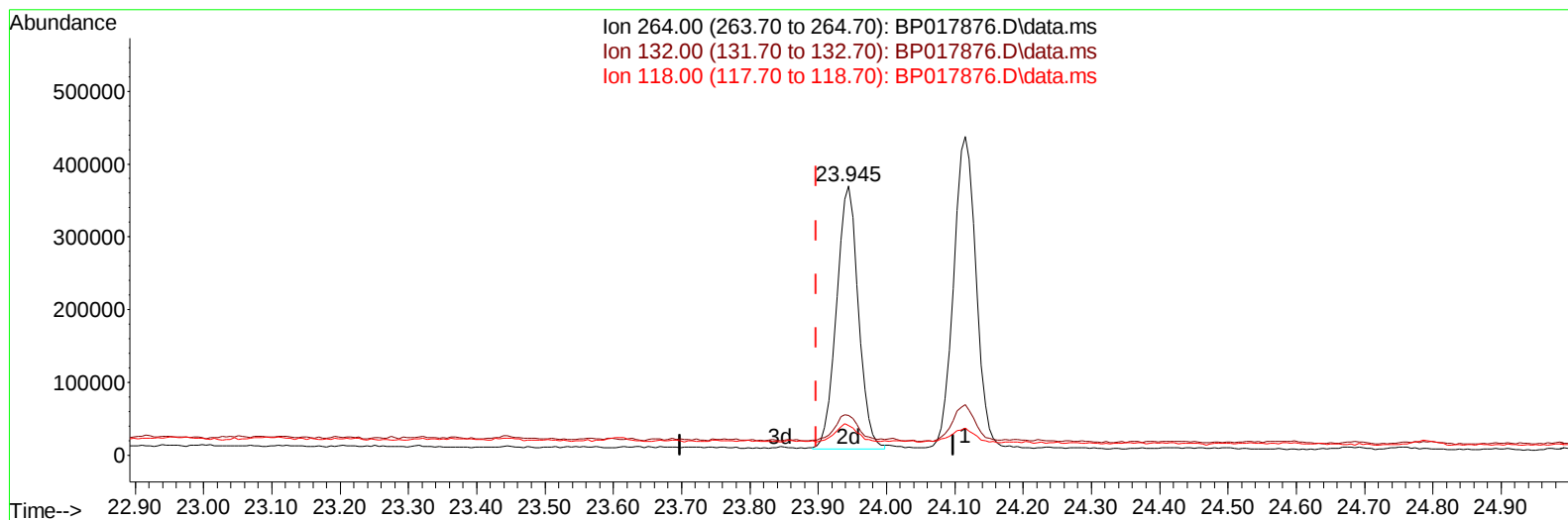
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 Operator : MA/JU
 Sample : 04922-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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TIC: BP017876.D\data.ms

(92) Benzo(a)pyrene-d12 (S)

23.945min (+ 0.047) 14.88 ng/ul m

response 805840

Ion	Exp%	Act%
264.00	100.00	100.00
132.00	14.20	14.66
118.00	8.60	11.03#
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	182309	20.000	ng/ul	0.00
20) Naphthalene-d8	10.710	136	660361	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.581	164	386637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.380	188	796286	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.533	240	909095	20.000	ng/ul	# 0.02
88) Perylene-d12	24.115	264	972431	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	9800	2.000	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.046	99	184049	12.132	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	120906	12.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.404	132	159005	12.850	ng/ul	0.00
15) 4-Methylphenol-d8	8.604	113	146947	12.334	ng/ul	0.00
21) Nitrobenzene-d5	9.087	128	74314	13.888	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.804	143	82489	13.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	147959	12.758	ng/ul	0.00
31) 4-Chloroaniline-d4	10.893	131	46932	3.092	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	460861	14.199	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	518624	14.328	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	47926m	10.363	ng/ul	0.01
60) Fluorene-d10	15.586	176	390493	13.918	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	16071	3.064	ng/ul	0.01
73) Anthracene-d10	17.480	188	590544	14.512	ng/ul	0.00
81) Pyrene-d10	19.745	212	798290	14.006	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.945	264	805840m	14.878	ng/ul	0.05
Target Compounds						
					Qvalue	
8) Phenol	7.075	94	30286	2.025	ng/ul#	83
16) Acetophenone	8.740	105	57188	3.053	ng/ul	91
18) 4-Methylphenol	8.669	108	13862	1.156	ng/ul	89
30) Naphthalene	10.763	128	401311	10.560	ng/ul	97
36) 2-Methylnaphthalene	12.387	142	1087049	42.346	ng/ul	100
37) 1-Methylnaphthalene	12.604	142	816826	31.114	ng/ul#	96
43) 1,1'-Biphenyl	13.404	154	533078	16.735	ng/ul	99
52) Acenaphthene	14.651	153	184912	6.746	ng/ul#	79
56) Dibenzofuran	14.986	168	172686	4.487	ng/ul#	68
61) Fluorene	15.645	166	323491	10.234	ng/ul#	89
72) Phenanthrene	17.422	178	1448198	31.046	ng/ul#	95
74) Anthracene	17.516	178	220445	4.666	ng/ul#	62
77) Carbazole	17.810	167	119978	3.005	ng/ul#	11
80) Fluoranthene	19.410	202	771126	11.776	ng/ul	100
82) Pyrene	19.774	202	1191908	17.180	ng/ul	98
85) Benzo(a)anthracene	21.516	228	398513	5.766	ng/ul#	76
86) Bis(2-ethylhexyl)phtha...	21.392	149	957932	28.758	ng/ul#	86
87) Chrysene	21.574	228	487395	7.458	ng/ul#	71
90) Benzo(b)fluoranthene	23.315	252	471085	7.118	ng/ul#	13
91) Benzo(k)fluoranthene	23.357	252	172993m	2.579	ng/ul	
93) Benzo(a)pyrene	23.998	252	324920	5.230	ng/ul#	13
94) Indeno(1,2,3-cd)pyrene	26.851	276	182037	2.458	ng/ul#	65
96) Benzo(g,h,i)perylene	27.709	276	143618	2.407	ng/ul#	58

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

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

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