

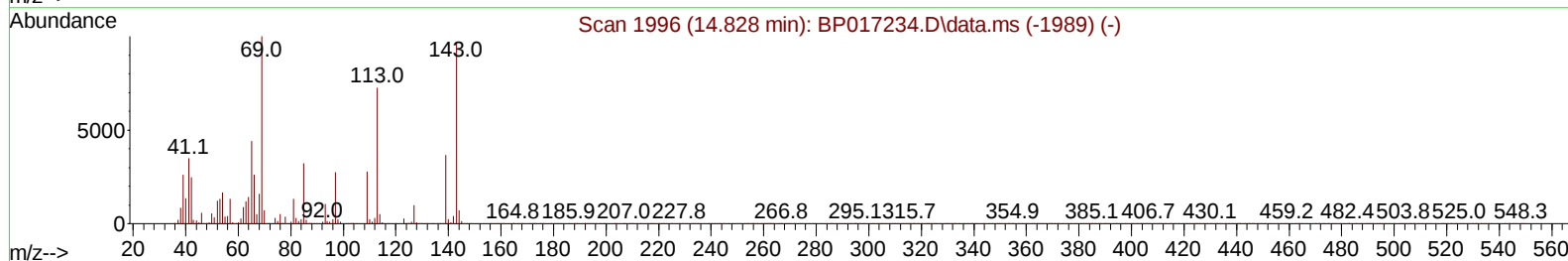
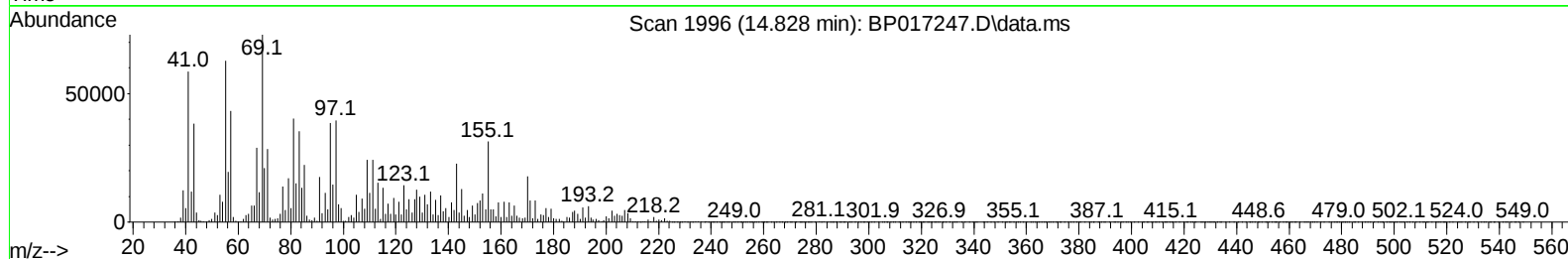
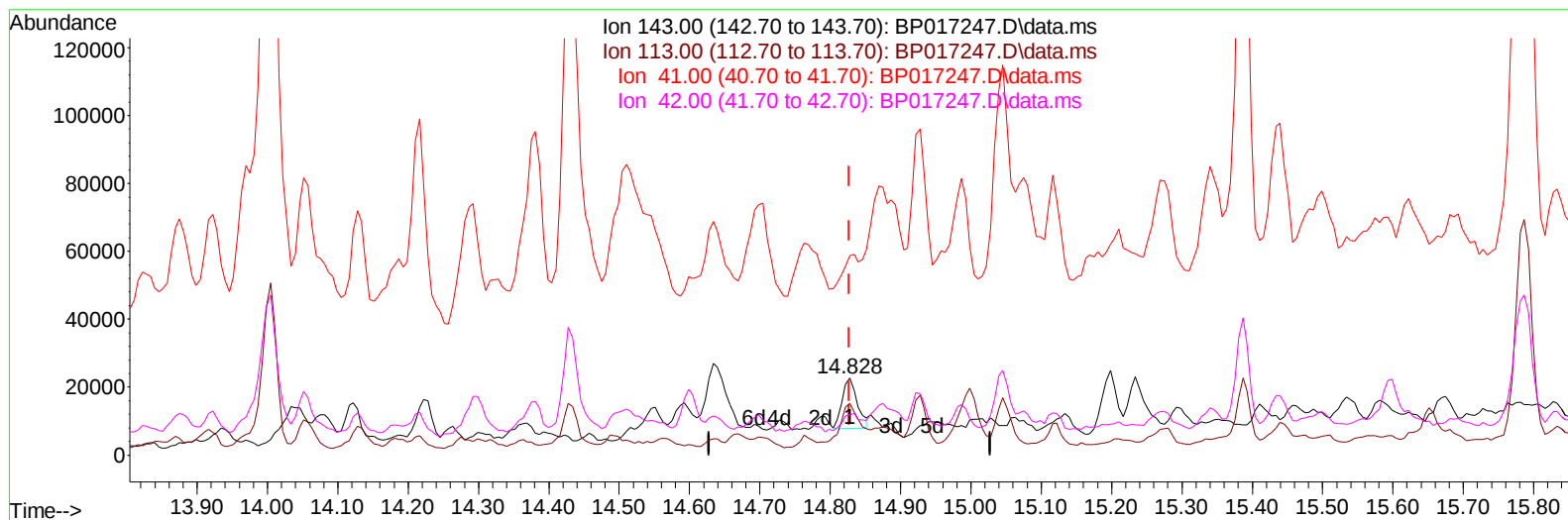
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:13:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.828min (+ 0.000) 2.93 ng/u1

response 21899

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.90	66.99
41.00	36.70	258.27#
42.00	26.40	52.12#

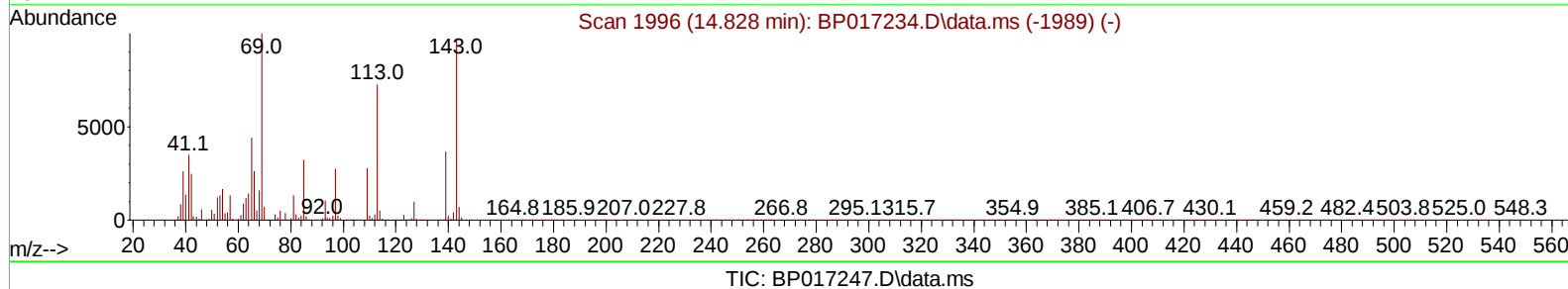
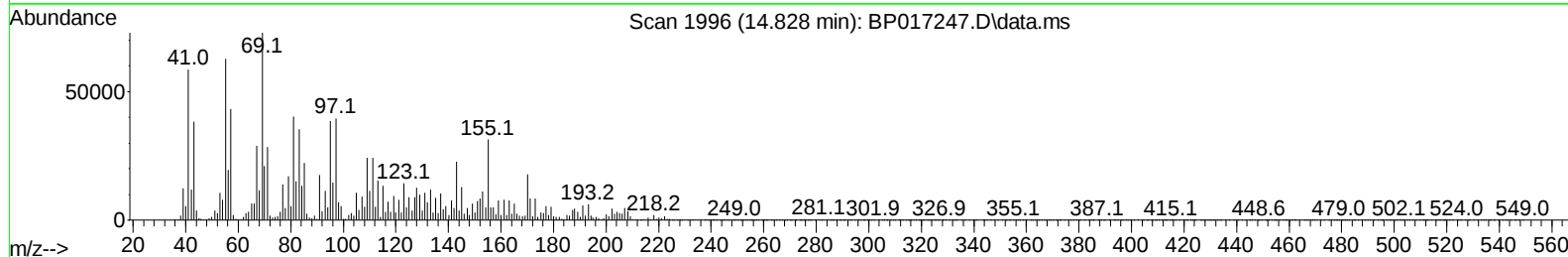
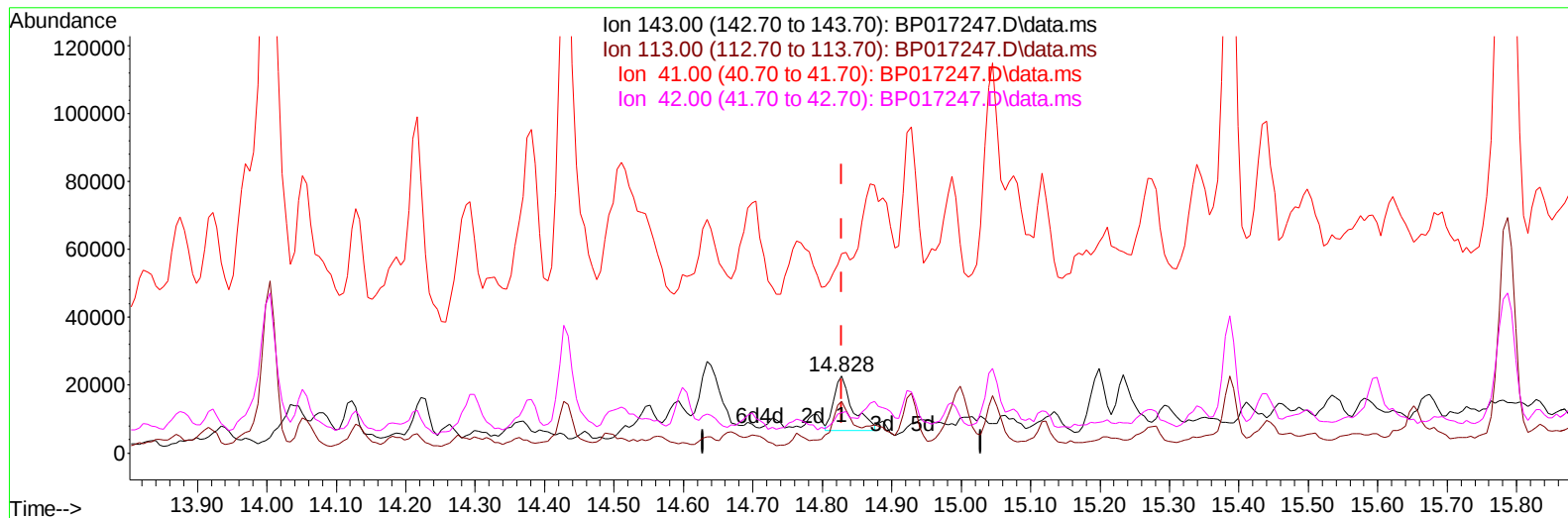
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:13:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



(54) 4-Nitrophenol-d4 (S)

14.828min (+ 0.000) 4.04 ng/ul m

response 30198

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.90	66.99
41.00	36.70	258.27#
42.00	26.40	52.12#

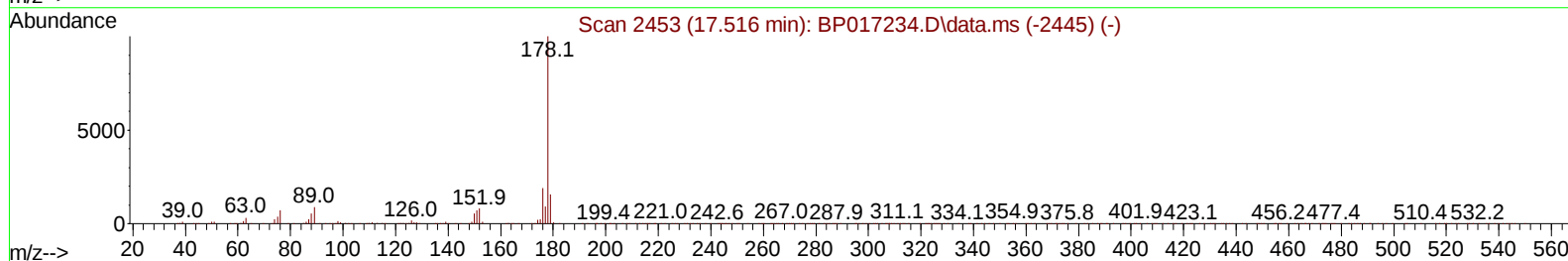
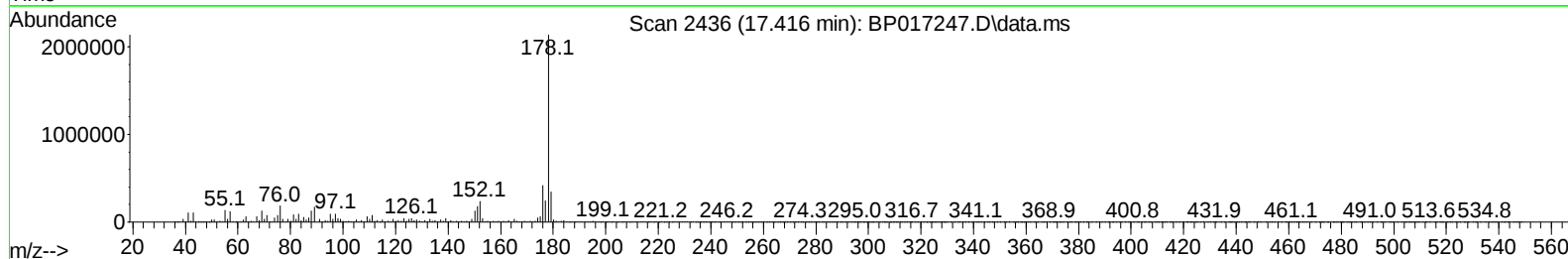
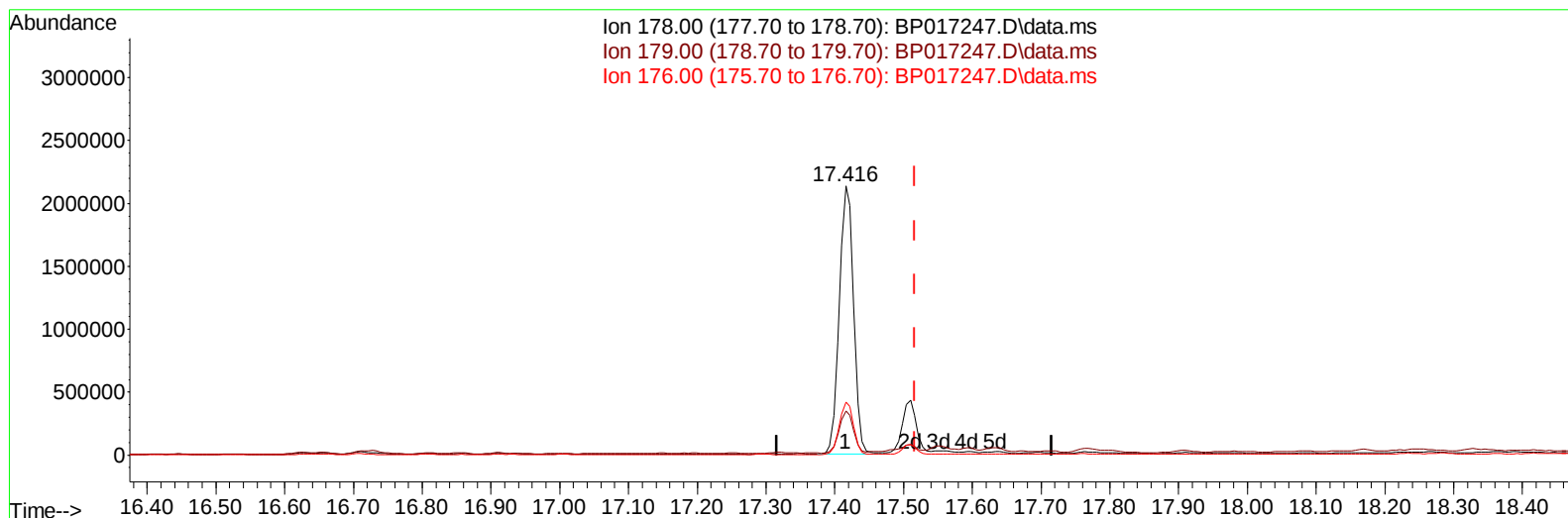
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:14:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
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Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

(74) Anthracene

17.416min (-0.100) 45.93 ng/u1

response 3087979

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	16.45
176.00	18.90	19.81
0.00	0.00	0.00

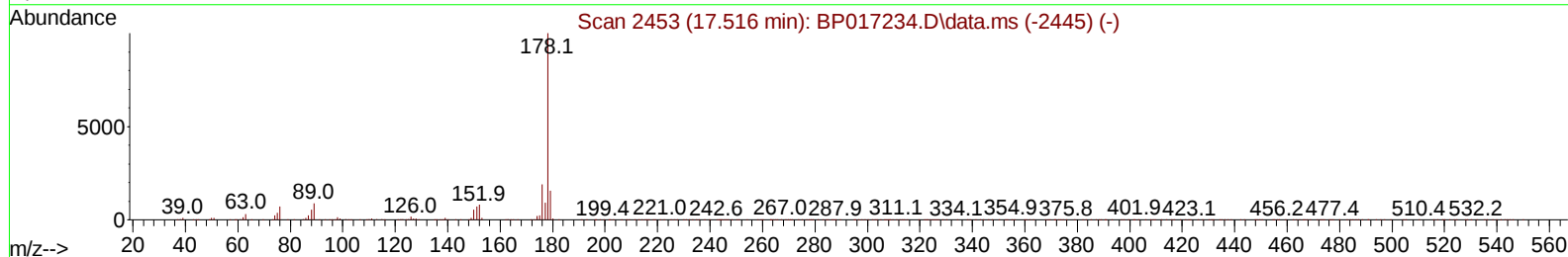
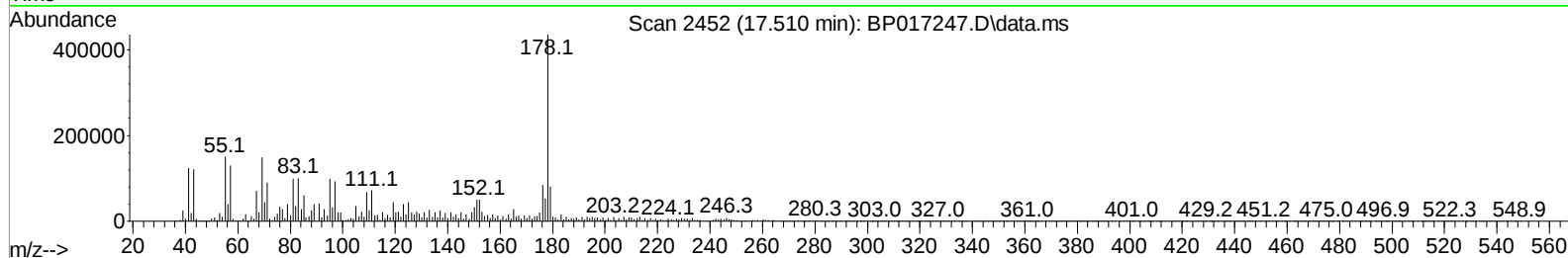
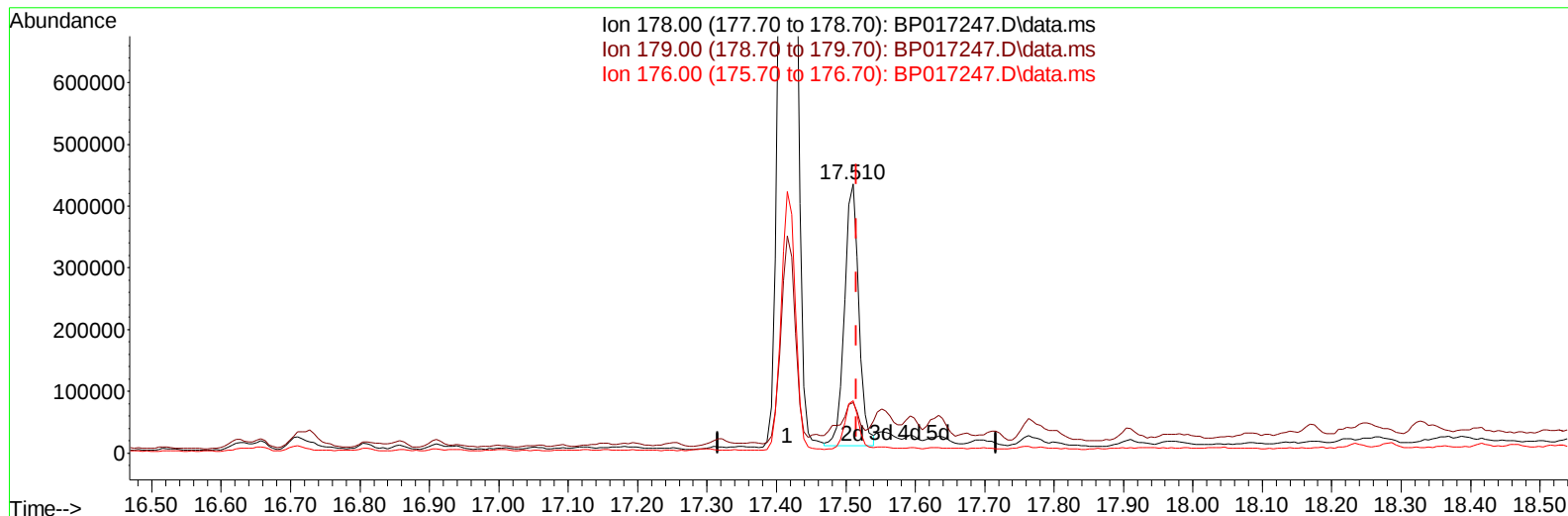
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:14:51 2023
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 QLast Update : Wed Sep 20 14:34:55 2023
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Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

(74) Anthracene

17.510min (-0.006) 9.08 ng/ul m

response 610422

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	18.80#
176.00	18.90	19.36
0.00	0.00	0.00

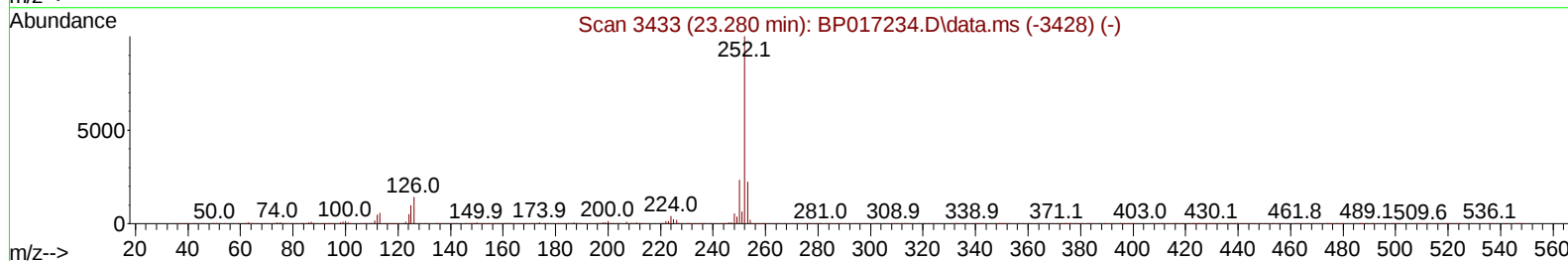
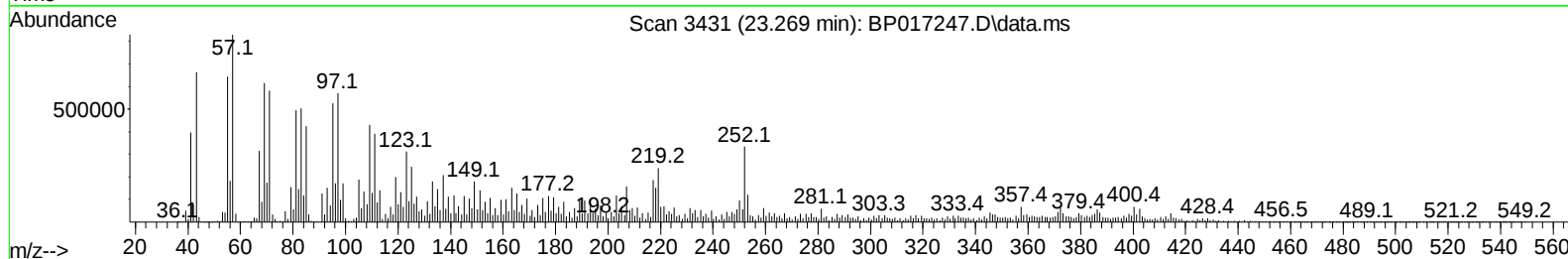
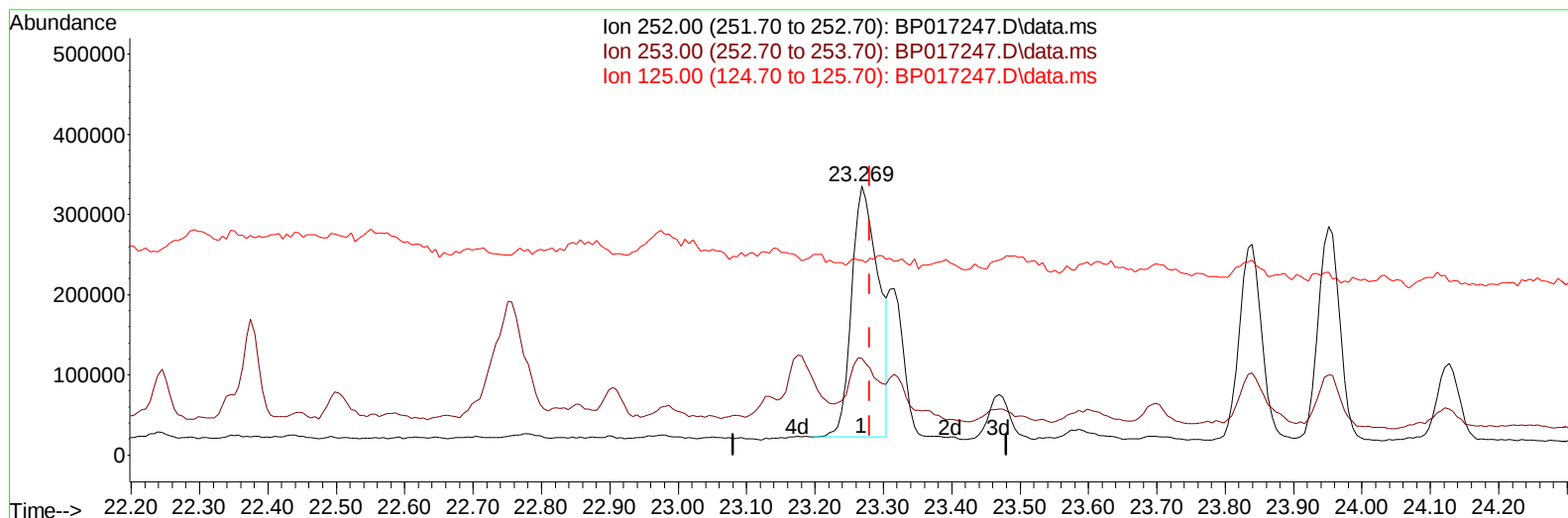
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
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Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

(91) Benzo(k)fluoranthene

23.269min (-0.012) 10.24 ng/u1

response 861162

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	35.88#
125.00	9.70	72.57#
0.00	0.00	0.00

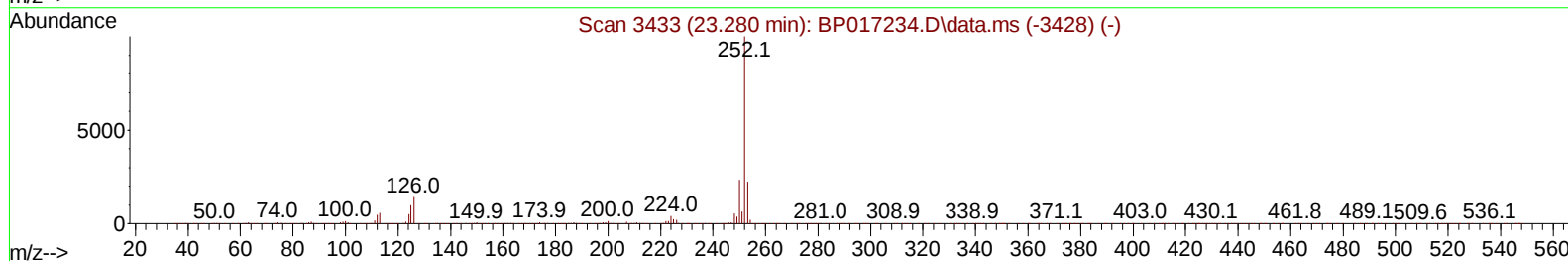
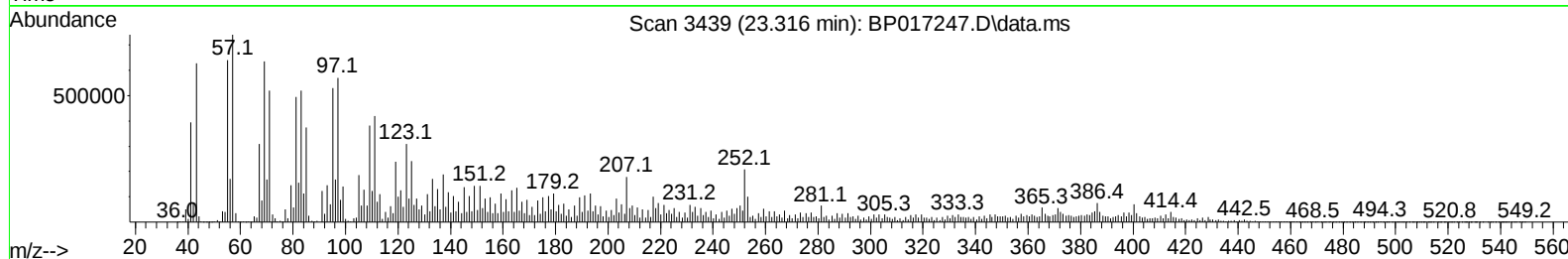
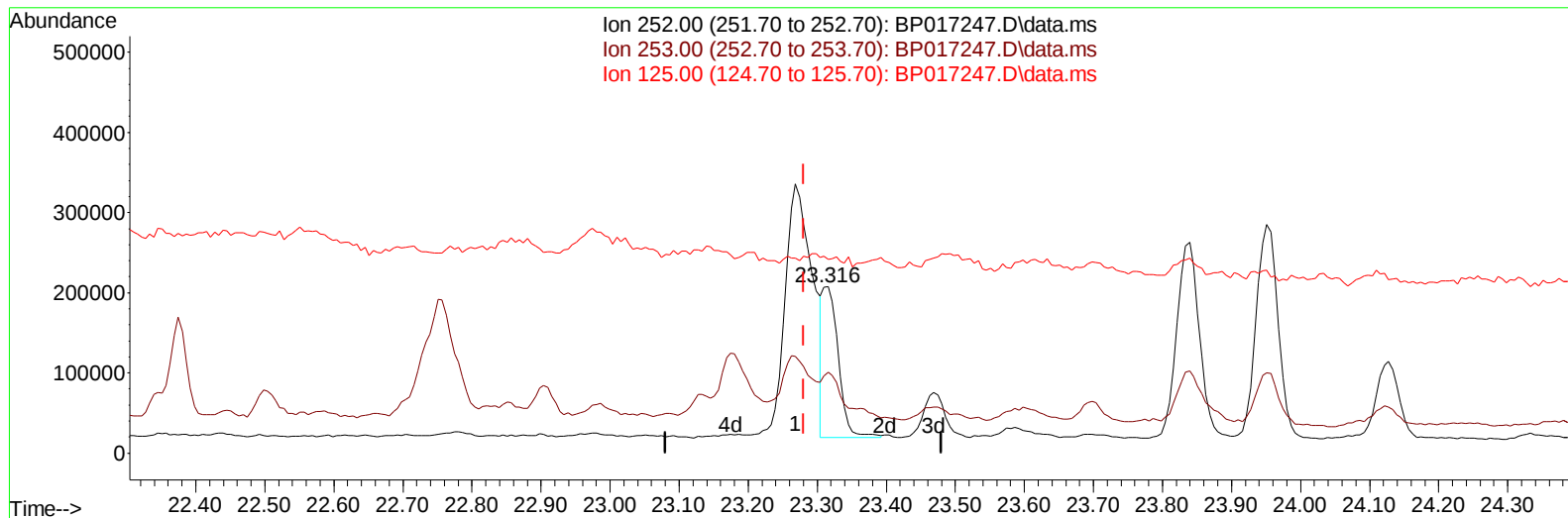
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017247.D
Acq On : 20 Sep 2023 19:43
Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:15:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

(91) Benzo(k)fluoranthene

23.316min (+ 0.035) 3.51 ng/u1 m

response 295505

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.40	48.72#
125.00	9.70	116.28#
0.00	0.00	0.00

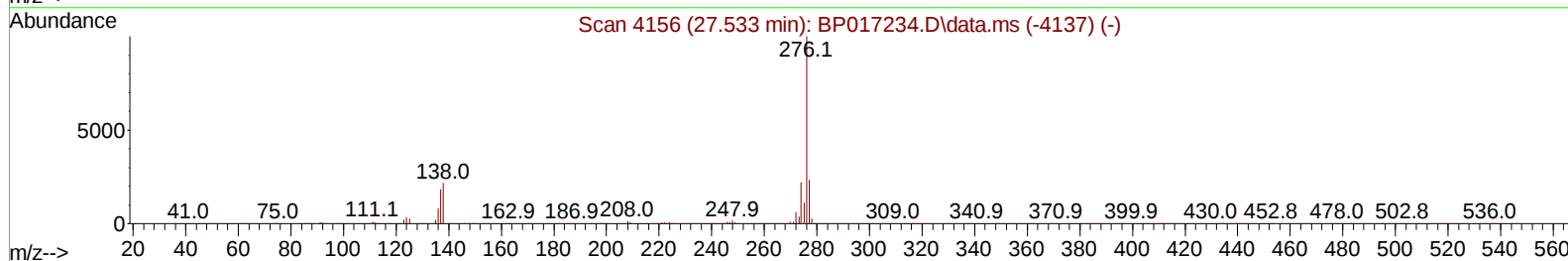
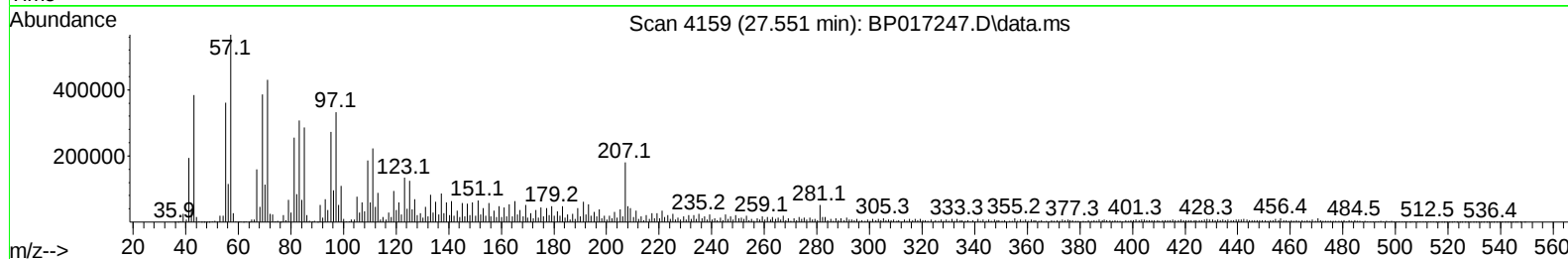
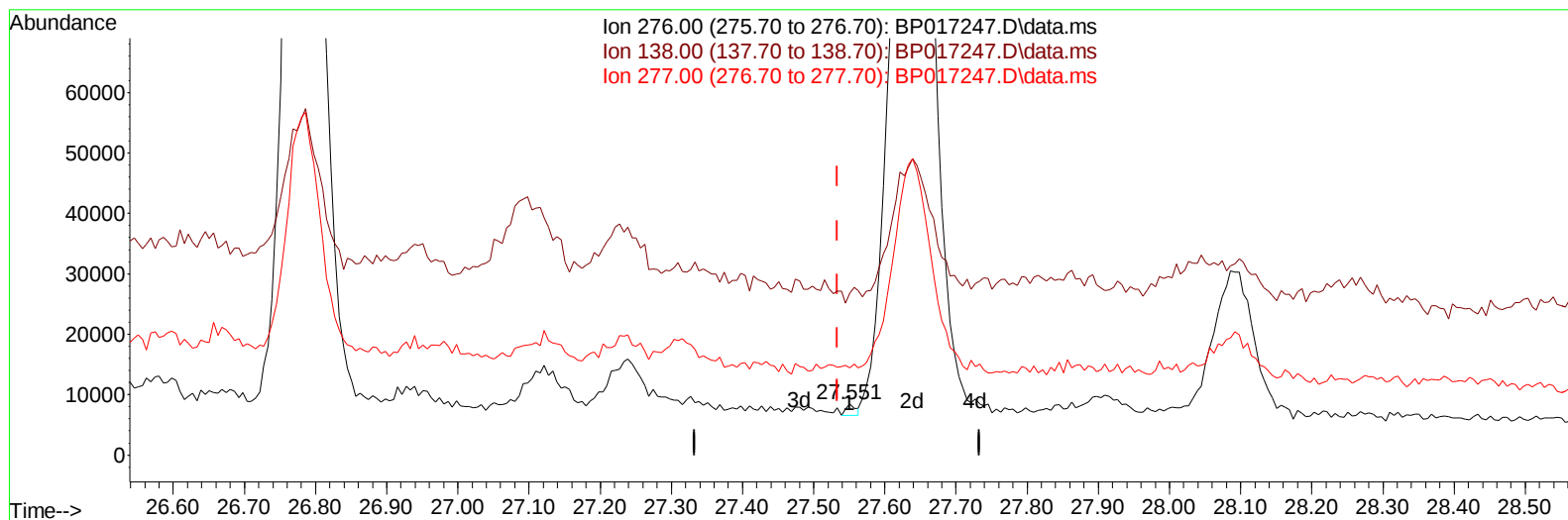
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Operator : MA/JU
Sample : 04330-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:16:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
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QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/21/2023
Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

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

27.551min (+ 0.018) 0.02 ng/u1

response 1764

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	318.69#
277.00	23.50	171.90#
0.00	0.00	0.00

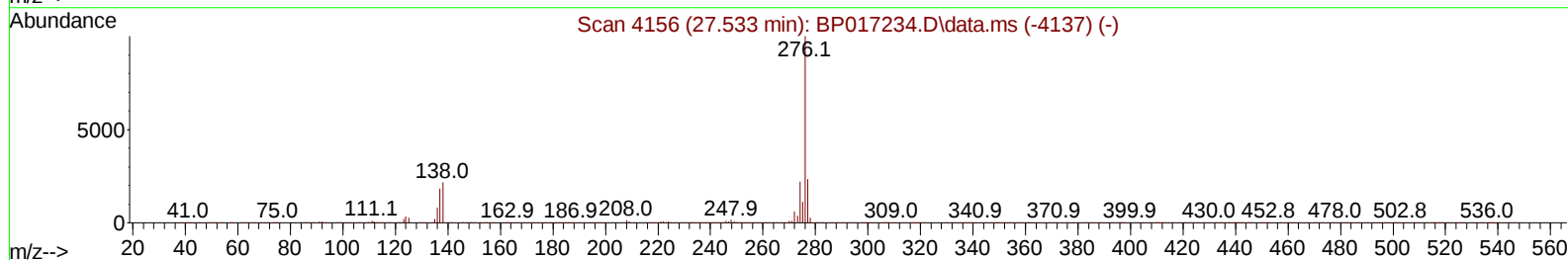
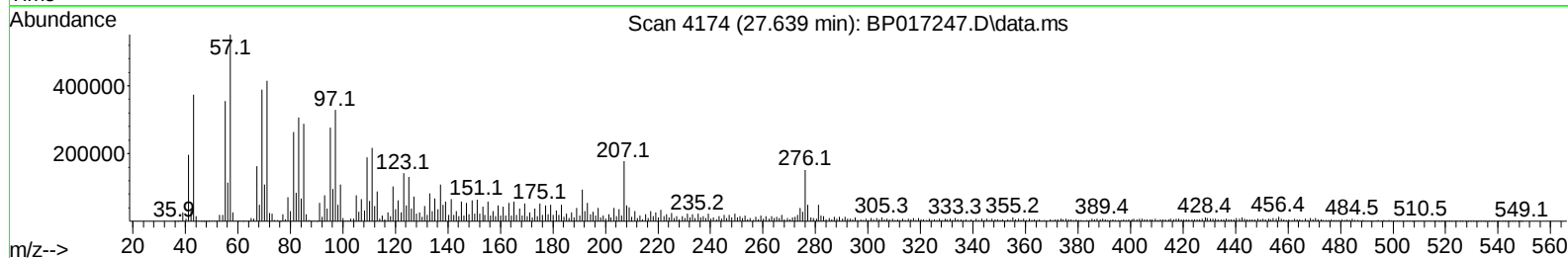
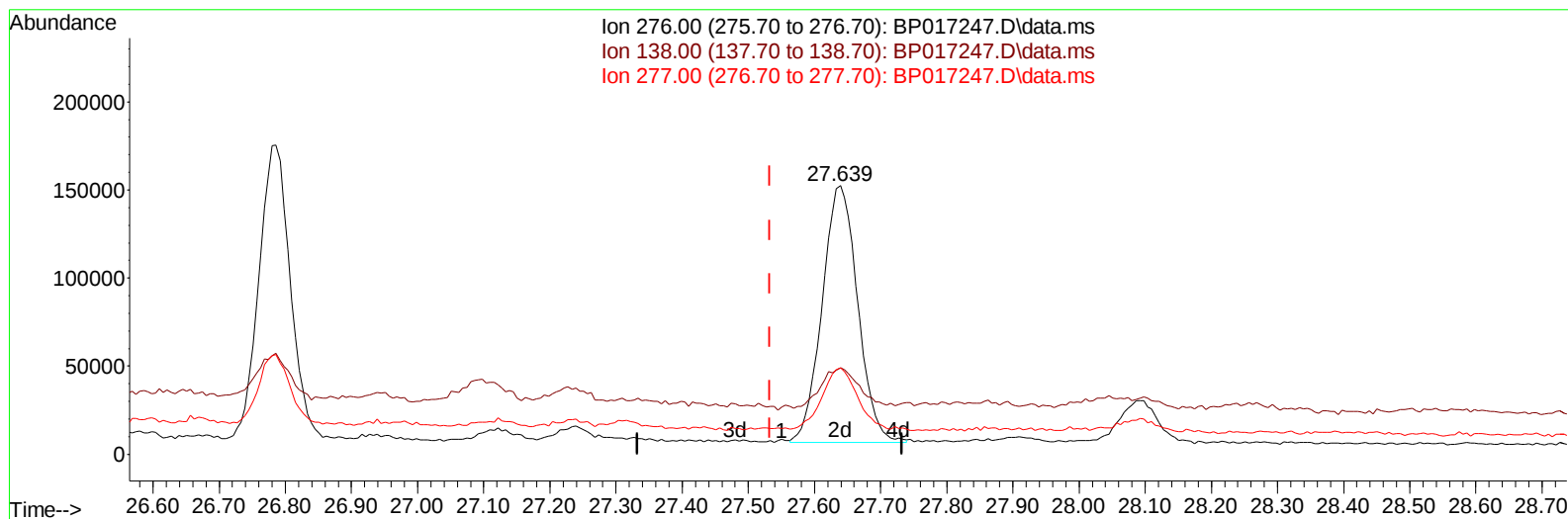
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:16:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023



TIC: BP017247.D\data.ms

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

27.639min (+ 0.106) 6.73 ng/u1 m

response 542135

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	21.60	32.22#
277.00	23.50	32.21#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017247.D
 Acq On : 20 Sep 2023 19:43
 Operator : MA/JU
 Sample : 04330-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYG3

Manual IntegrationsAPPROVED

Quant Time: Sep 20 23:18:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
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Reviewed By :Yogesh Patel 09/21/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	269423	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1042045	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	598594	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.375	188	1266613	20.000	ng/ul	0.00
79) Chrysene-d12	21.498	240	822980	20.000	ng/ul	# 0.01
88) Perylene-d12	24.069	264	1413554	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	16480	2.512	ng/uL	0.00
4) Pyridine-d5	3.758	84	15534	0.847	ng/ul	0.02
7) Phenol-d5	7.093	99	297765	13.457	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	255630	19.143	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	264964	15.098	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	95491	5.551	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	154136	20.460	ng/ul	0.00
24) 2-Nitrophenol-d4	9.852	143	153520	18.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	212342	13.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	74452	3.326	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	868609	20.256	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	943331	19.127	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	30198m	4.042	ng/ul	0.00
60) Fluorene-d10	15.598	176	795159	21.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.728	200	30299	4.244	ng/ul	0.00
73) Anthracene-d10	17.475	188	1169615	20.821	ng/ul	0.00
81) Pyrene-d10	19.722	212	1161775	26.105	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.898	264	1374863	20.201	ng/ul	0.05
Target Compounds						
						Qvalue
8) Phenol	7.122	94	45726	2.055	ng/ul	95
16) Acetophenone	8.787	105	451472	16.983	ng/ul	99
30) Naphthalene	10.816	128	712919	13.139	ng/ul	100
36) 2-Methylnaphthalene	12.422	142	235671	6.655	ng/ul	100
37) 1-Methylnaphthalene	12.640	142	176585	4.878	ng/ul#	99
43) 1,1'-Biphenyl	13.428	154	75000	1.651	ng/ul	97
50) Acenaphthylene	14.328	152	135928	2.357	ng/ul#	84
52) Acenaphthene	14.663	153	690880	18.139	ng/ul	99
56) Dibenzofuran	14.998	168	411775	7.895	ng/ul	100
61) Fluorene	15.651	166	638304	15.062	ng/ul	99
72) Phenanthrene	17.416	178	3087979	46.547	ng/ul	99
74) Anthracene	17.510	178	610422m	9.079	ng/ul	
77) Carbazole	17.792	167	110423	1.846	ng/ul#	62
80) Fluoranthene	19.392	202	2860296	55.108	ng/ul#	92
82) Pyrene	19.751	202	2707117	49.064	ng/ul#	90
85) Benzo(a)anthracene	21.480	228	538701	9.699	ng/ul#	87
86) Bis(2-ethylhexyl)phtha...	21.357	149	129258	4.575	ng/ul#	53
87) Chrysene	21.539	228	537944	10.291	ng/ul#	84
90) Benzo(b)fluoranthene	23.269	252	861162	10.333	ng/ul#	26
91) Benzo(k)fluoranthene	23.316	252	295505m	3.514	ng/ul	
93) Benzo(a)pyrene	23.951	252	597145	7.489	ng/ul#	20
94) Indeno(1,2,3-cd)pyrene	26.786	276	545066	5.453	ng/ul#	82
96) Benzo(g,h,i)perylene	27.639	276	542135m	6.726	ng/ul	

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/21/2023
 Supervised By :mohammad ahmed 09/21/2023

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
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