

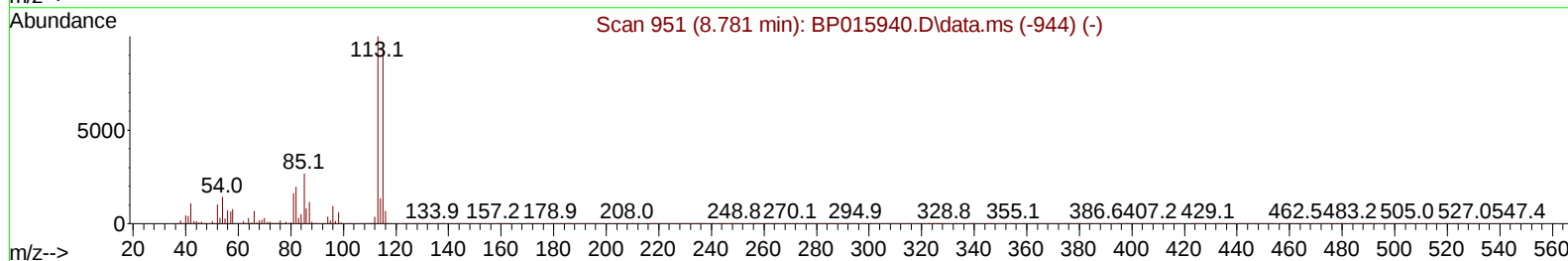
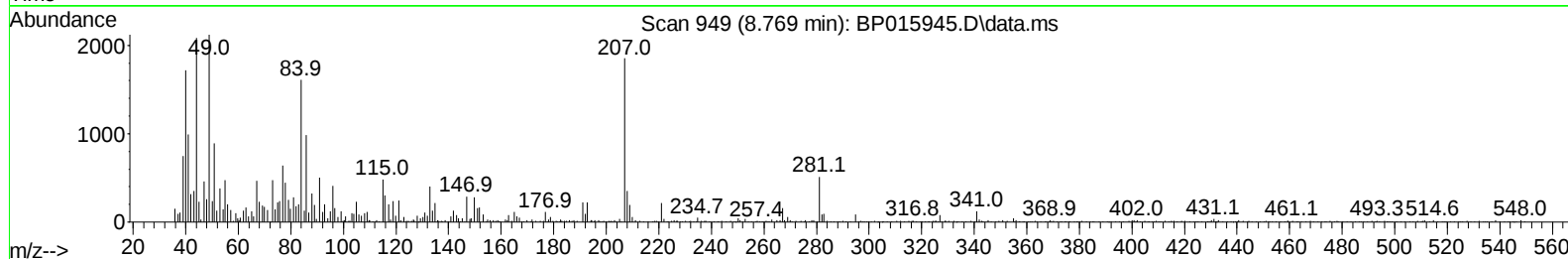
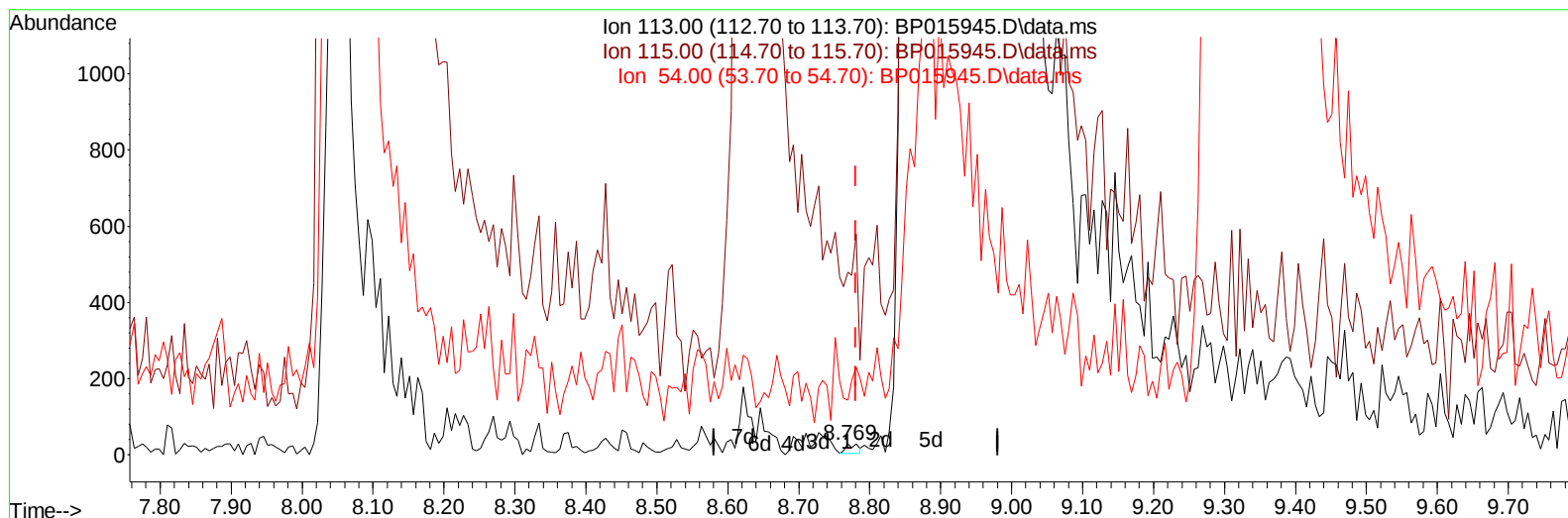
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:07:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.769min (-0.012) 0.00 ng/u1

response 29

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	1710.71#
54.00	16.10	510.71#
0.00	0.00	0.00

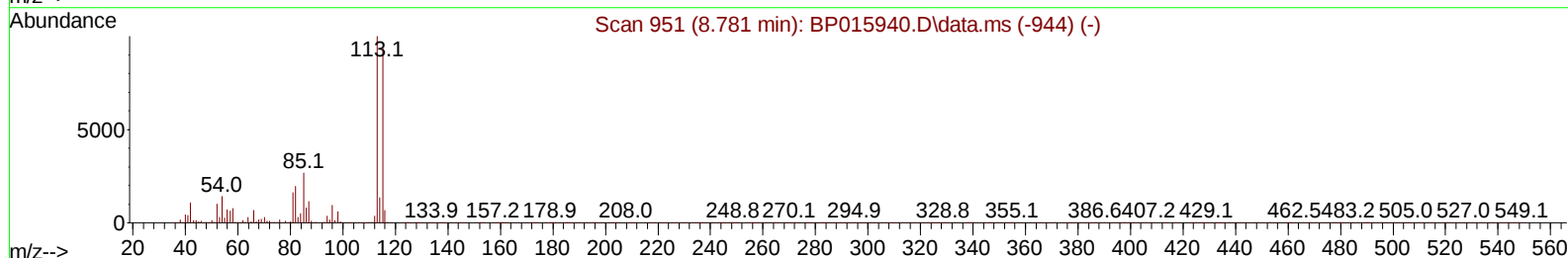
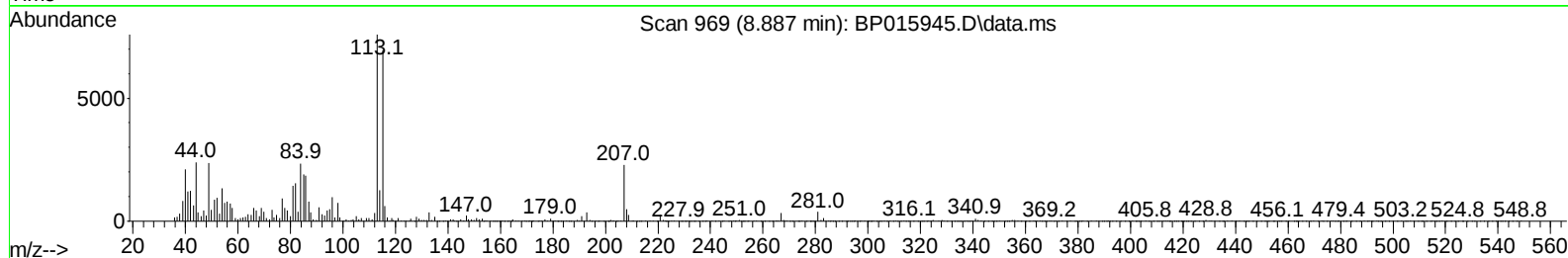
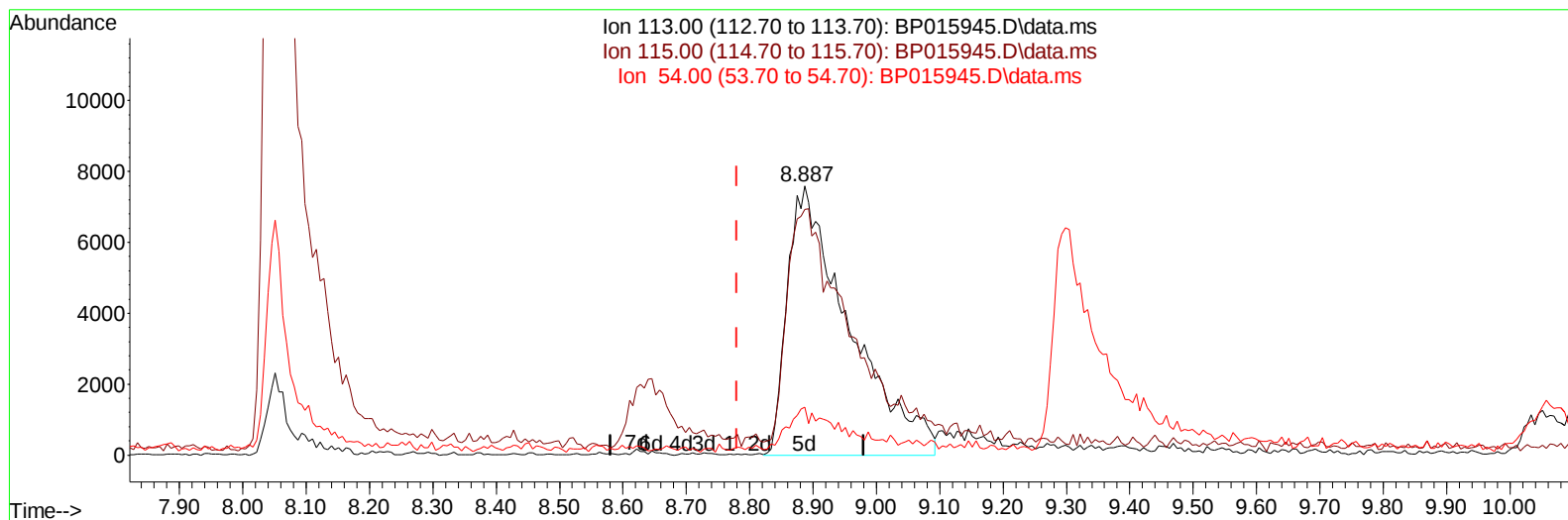
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:30:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(15) 4-Methylphenol-d8 (S)

8.887min (+ 0.106) 4.26 ng/ul m

response 51449

Ion	Exp%	Act%
113.00	100.00	100.00
115.00	89.10	91.42
54.00	16.10	17.80
0.00	0.00	0.00

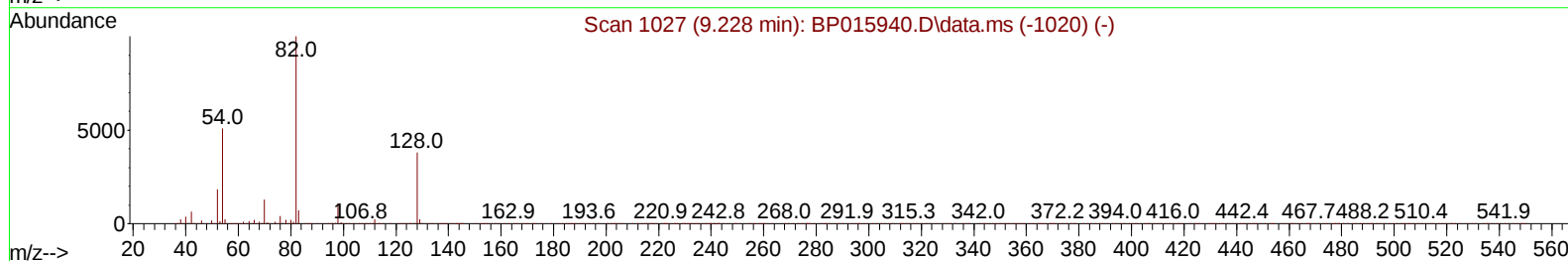
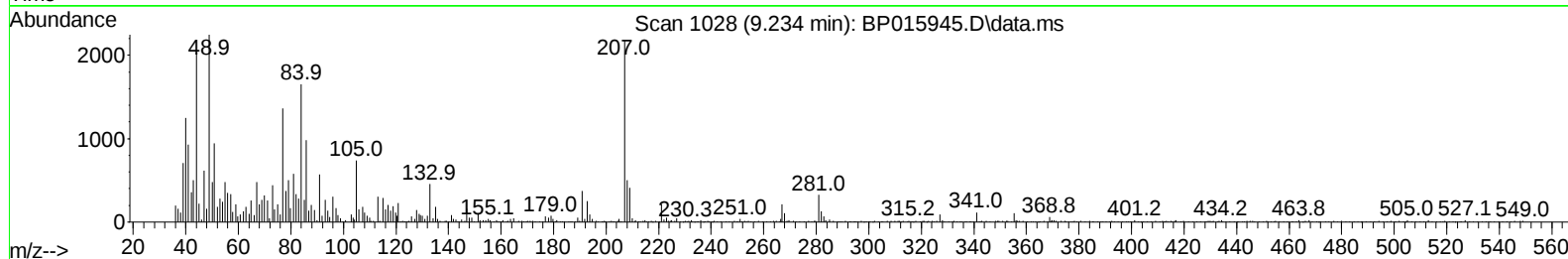
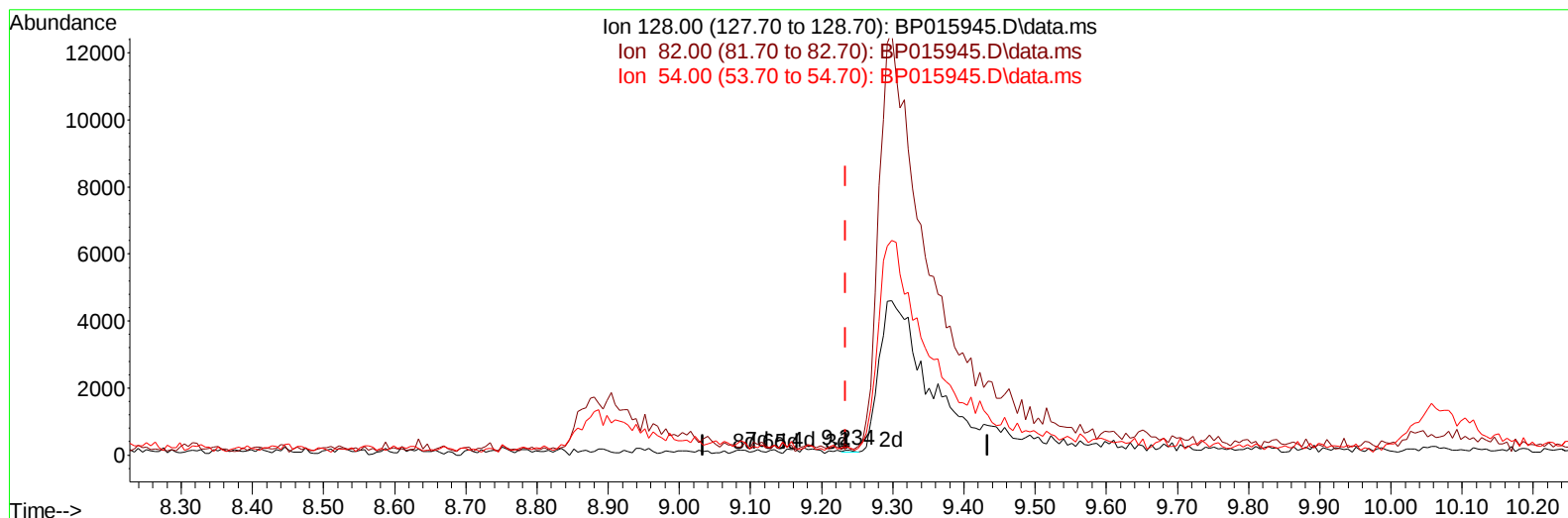
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:30:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(21) Nitrobenzene-d5 (S)

9.234min (+ 0.000) 0.01 ng/u1

response 40

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	229.25
54.00	141.60	165.31
0.00	0.00	0.00

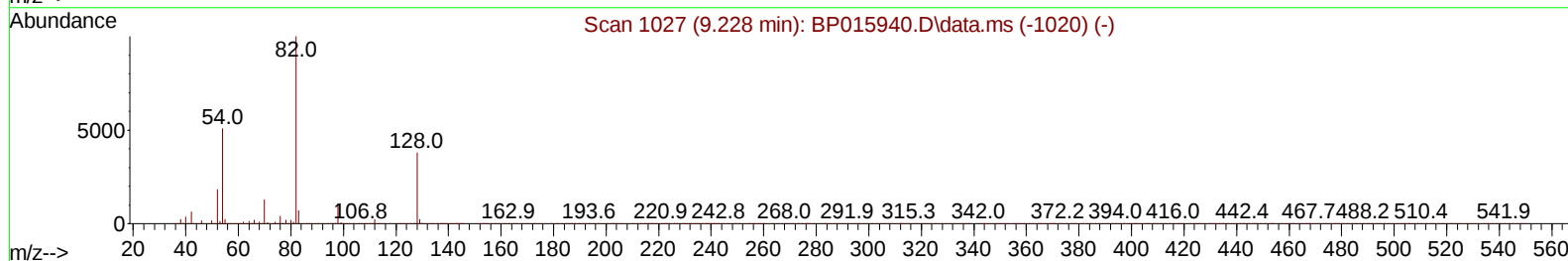
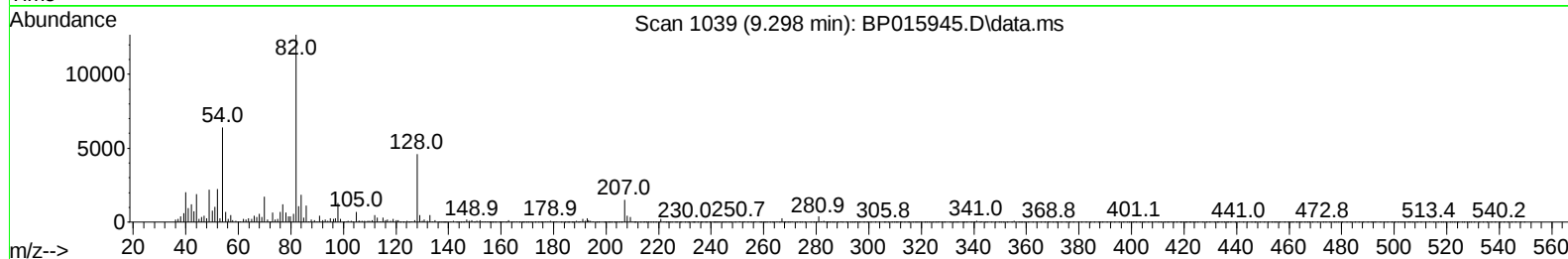
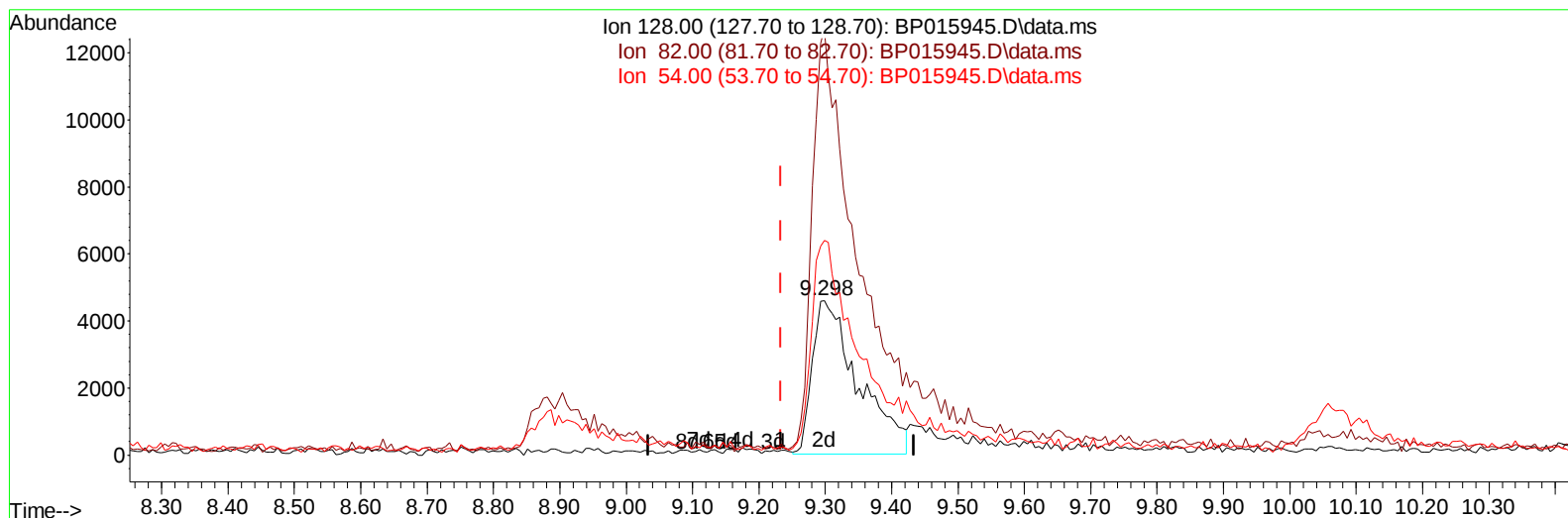
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:30:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(21) Nitrobenzene-d5 (S)

9.298min (+ 0.065) 3.71 ng/ul m

response 22114

Ion	Exp%	Act%
128.00	100.00	100.00
82.00	268.20	275.17
54.00	141.60	139.15
0.00	0.00	0.00

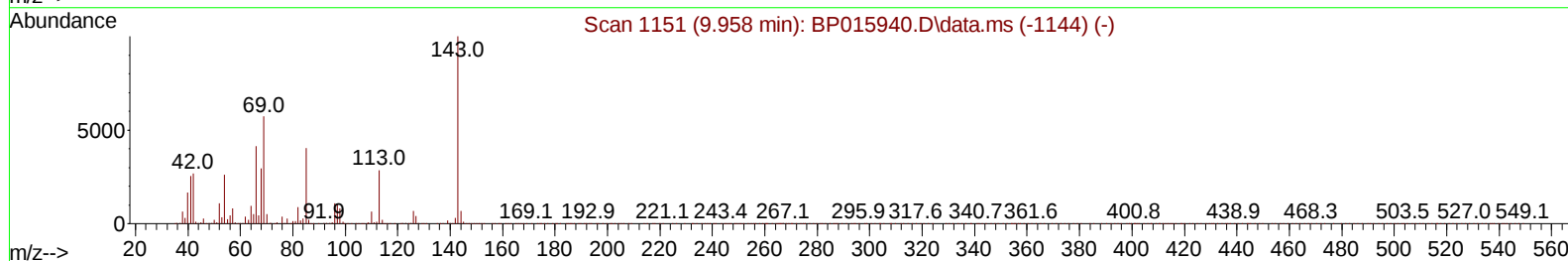
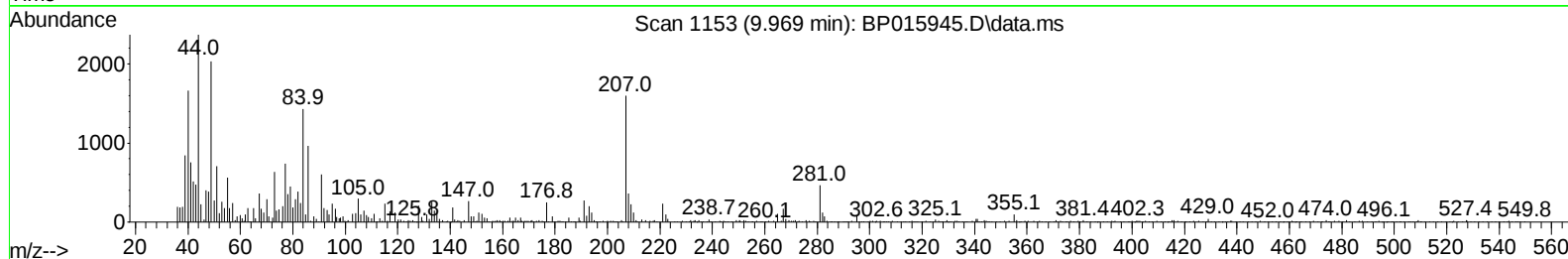
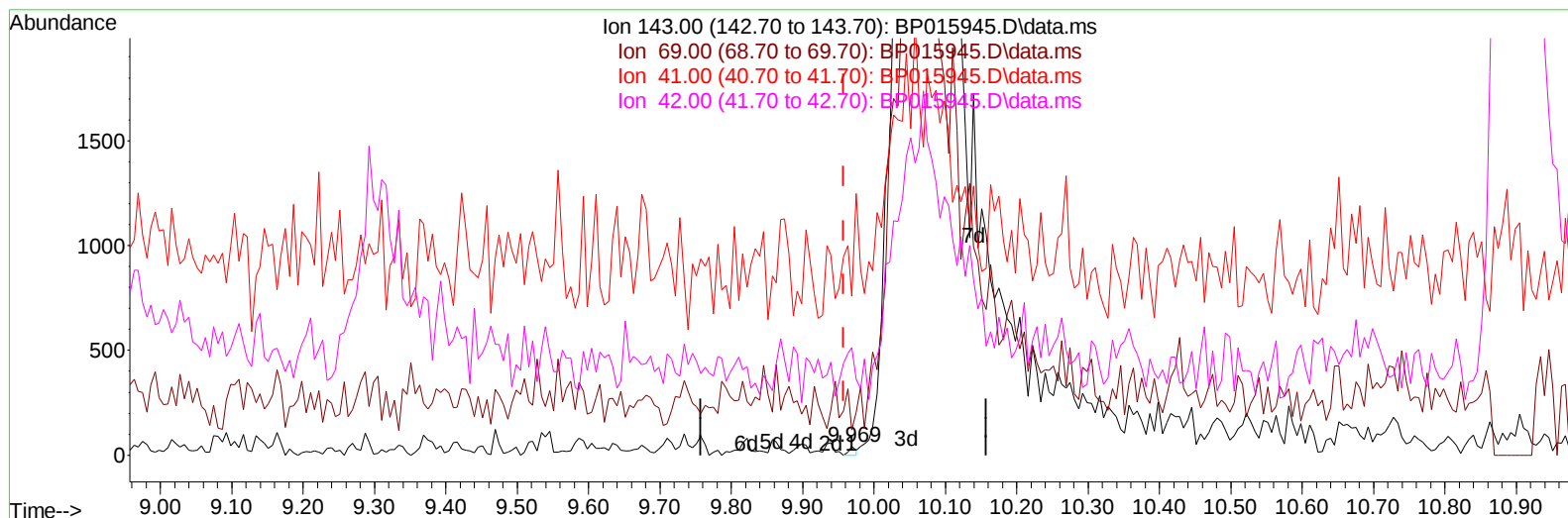
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:30:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(24) 2-Nitrophenol-d4 (S)

9.969min (+ 0.012) 0.00 ng/u1

response 28

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	288.10#
41.00	26.80	1804.76#
42.00	30.50	1223.81#

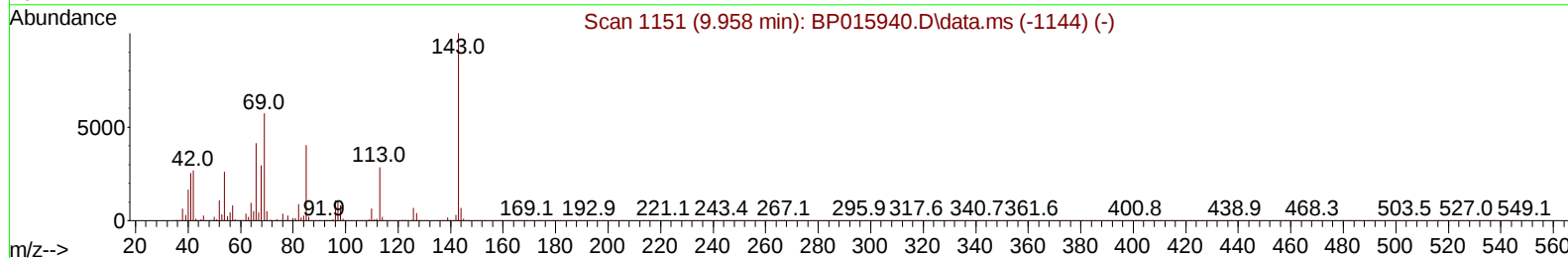
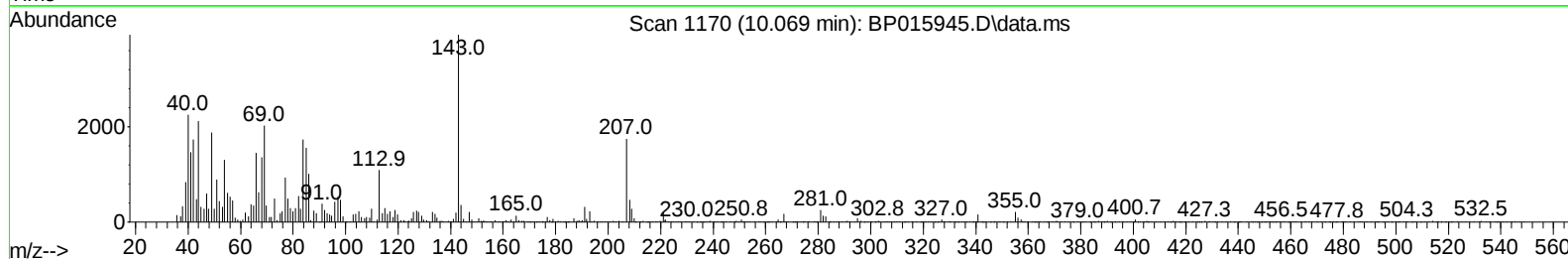
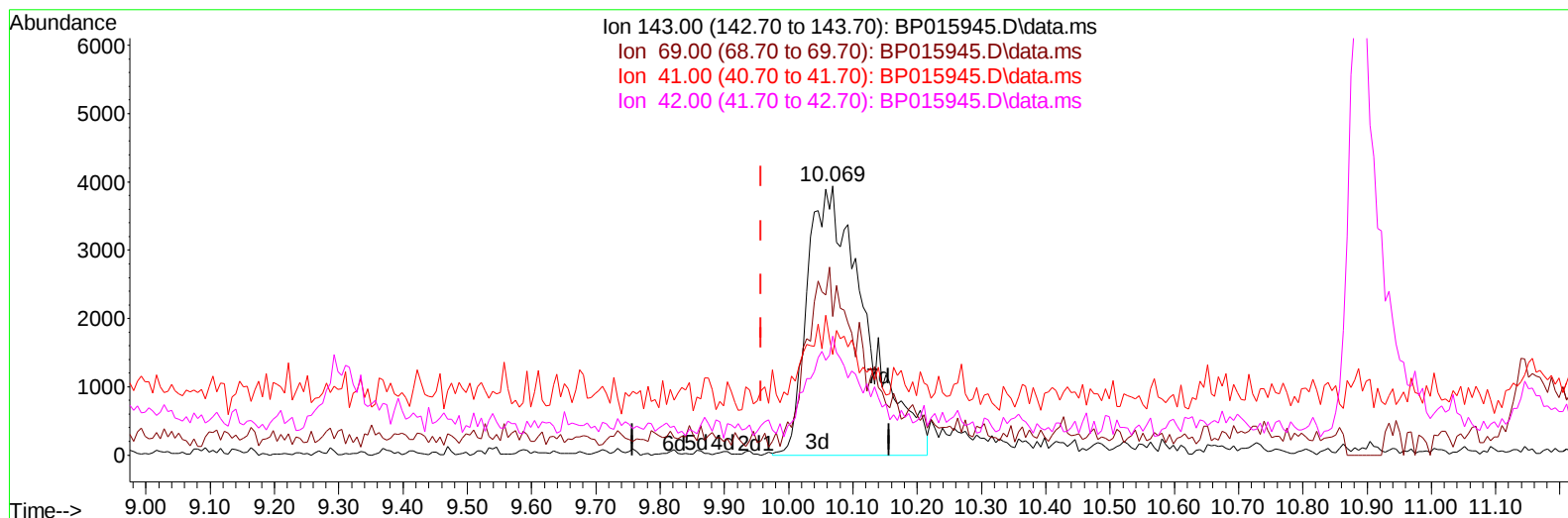
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(24) 2-Nitrophenol-d4 (S)

10.069min (+ 0.112) 3.58 ng/ul m

response 24865

Ion	Exp%	Act%
143.00	100.00	100.00
69.00	60.40	51.50
41.00	26.80	37.33#
42.00	30.50	44.13#

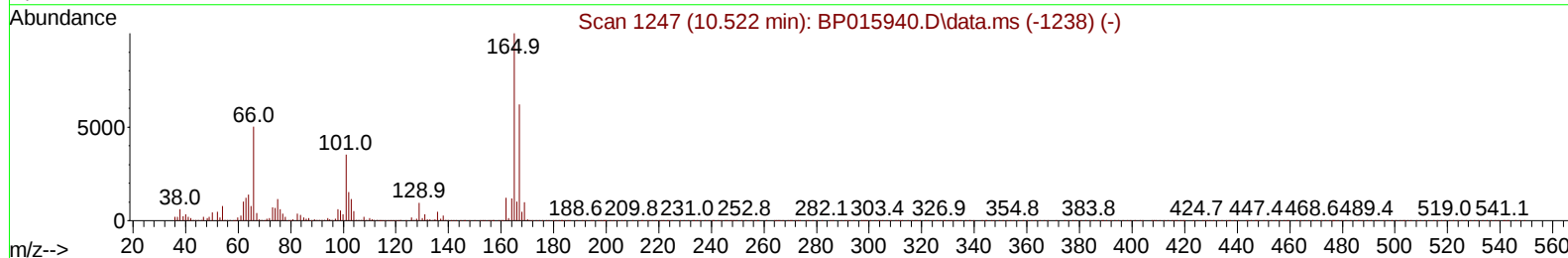
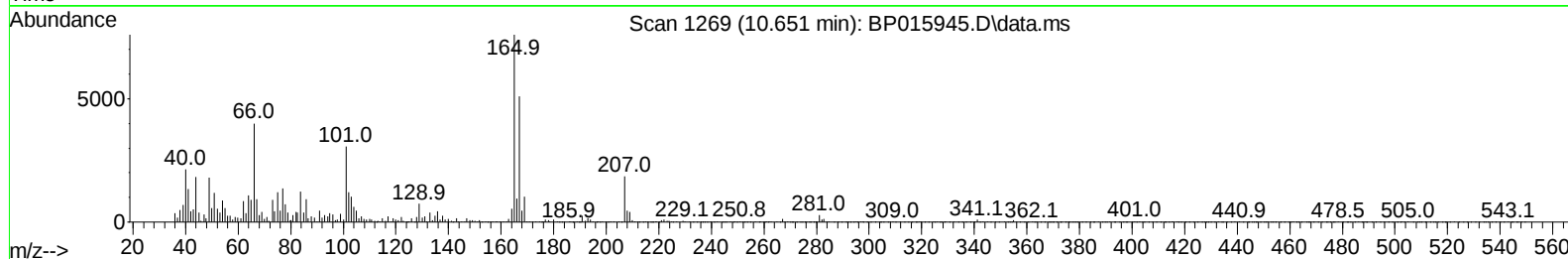
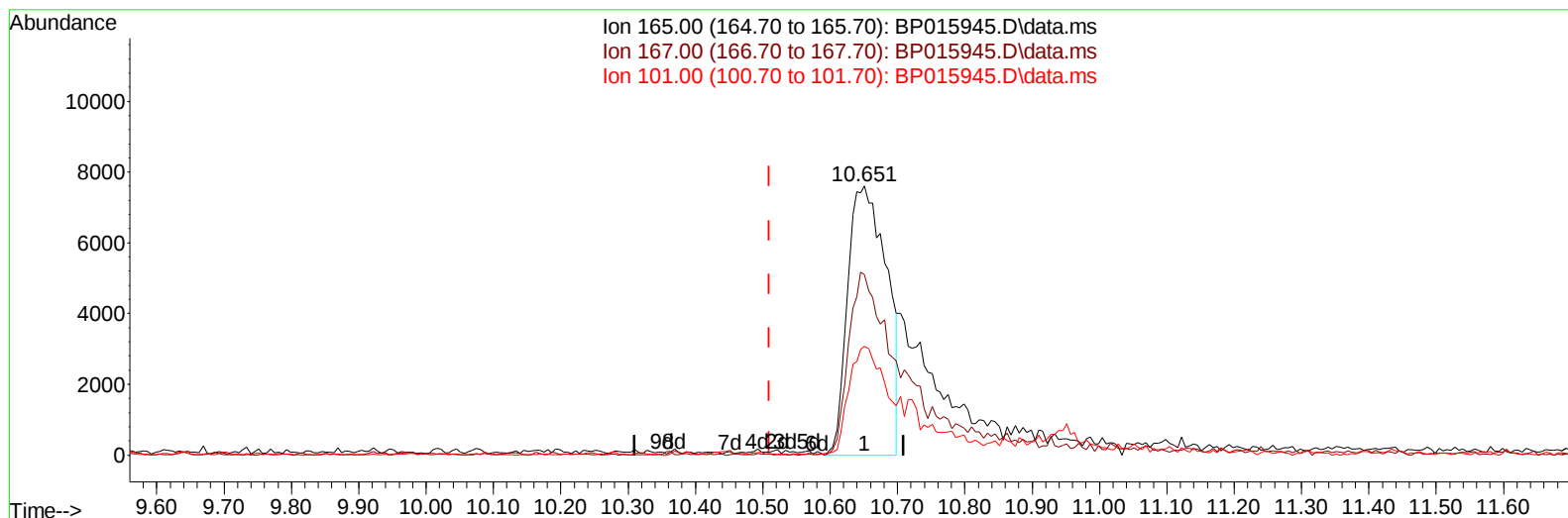
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.651min (+ 0.141) 2.47 ng/ul

response 30551

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	66.98
101.00	37.30	40.49
0.00	0.00	0.00

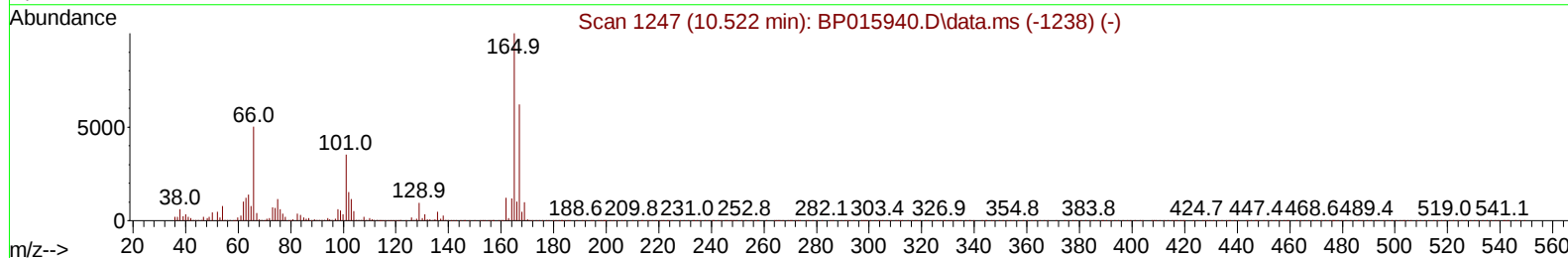
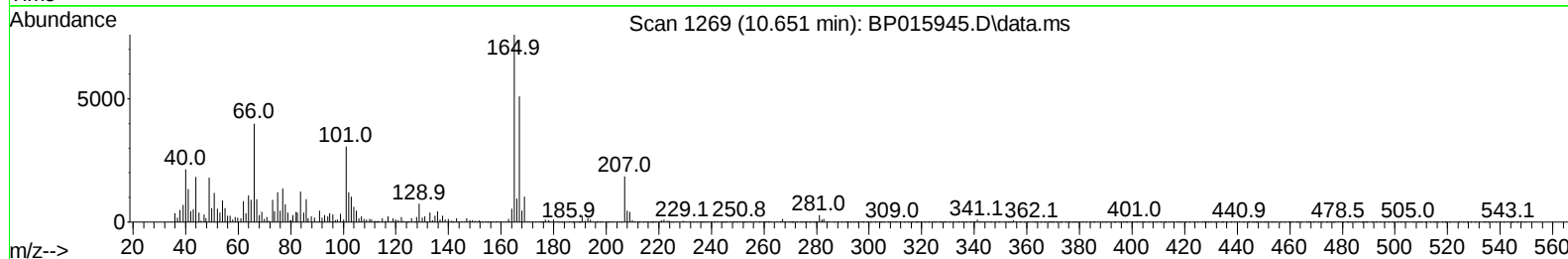
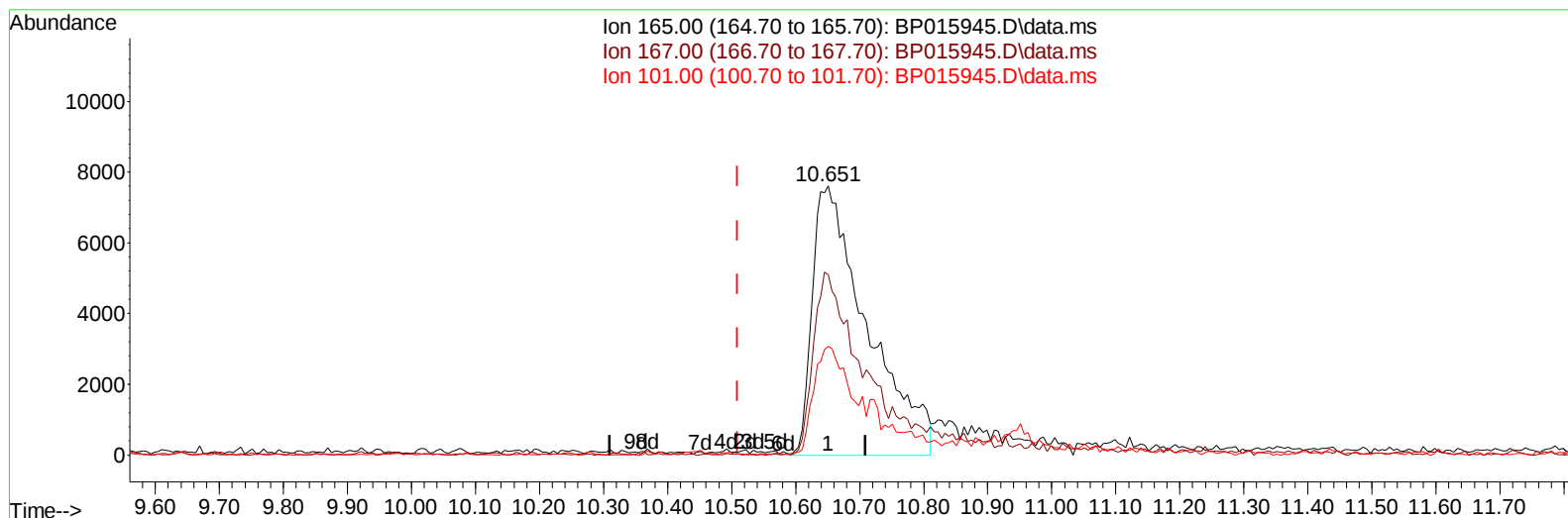
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(28) 2,4-Dichlorophenol-d3 (S)

10.651min (+ 0.141) 3.66 ng/ul m

response 45345

Ion	Exp%	Act%
165.00	100.00	100.00
167.00	66.20	66.98
101.00	37.30	40.49
0.00	0.00	0.00

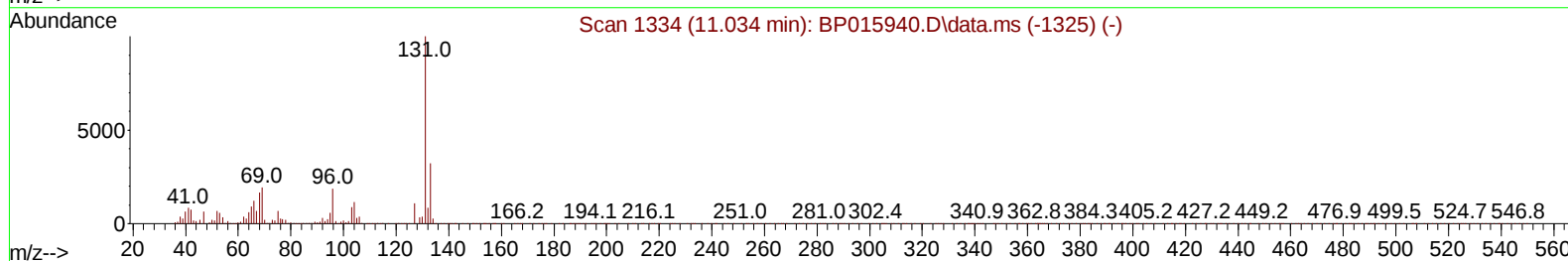
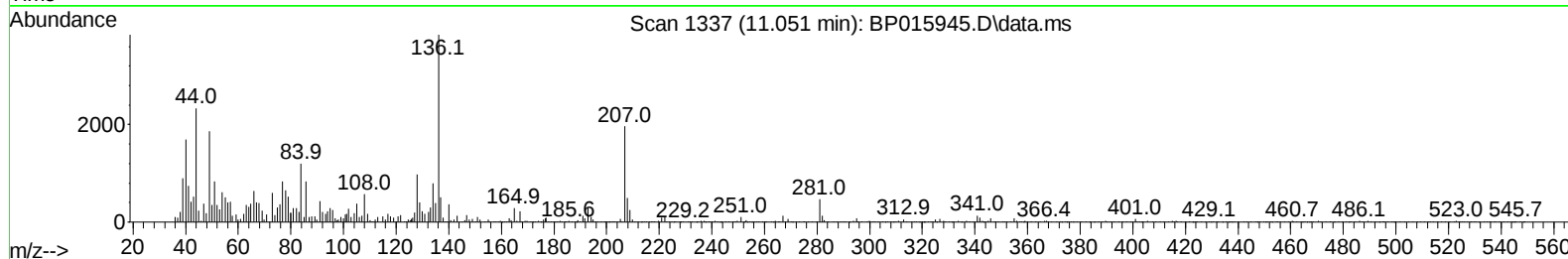
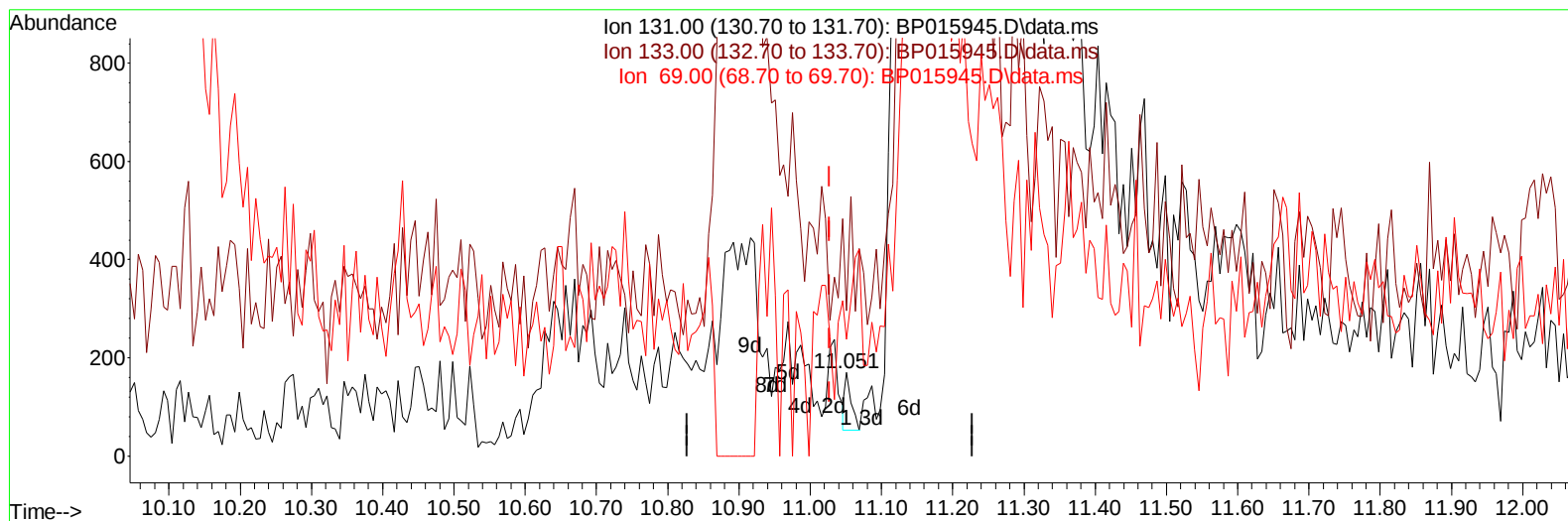
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.051min (+ 0.024) 0.00 ng/ul

response 71

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	174.12#
69.00	22.20	139.41#
0.00	0.00	0.00

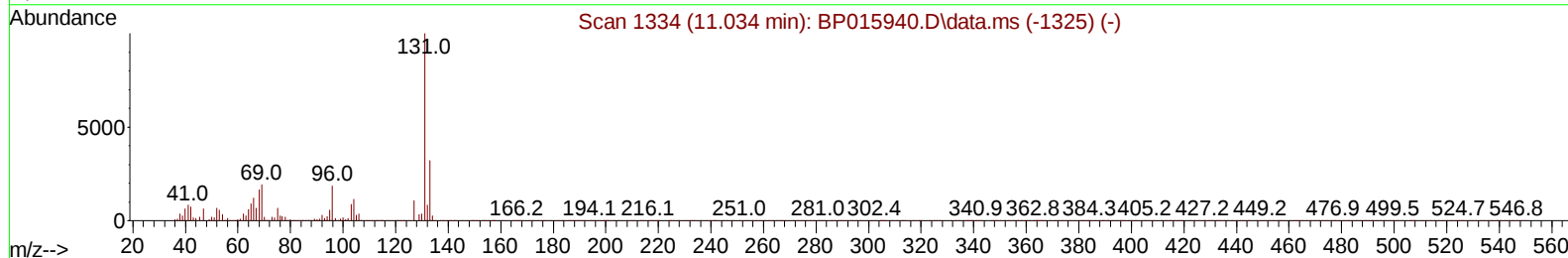
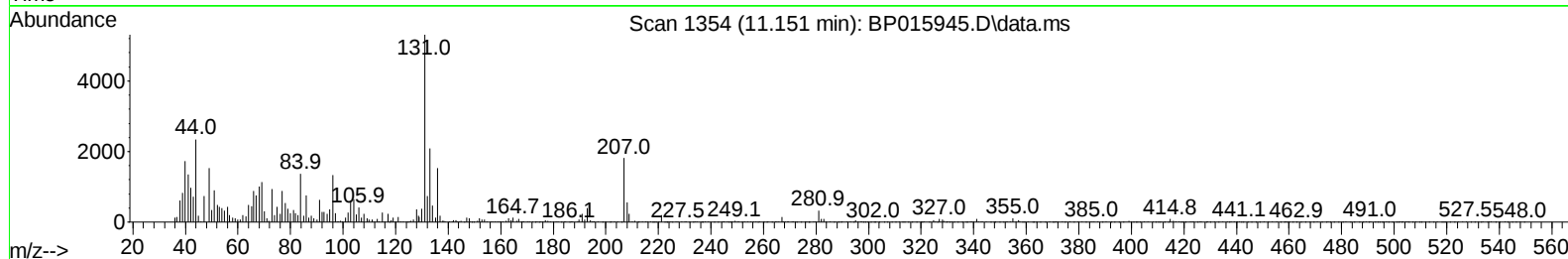
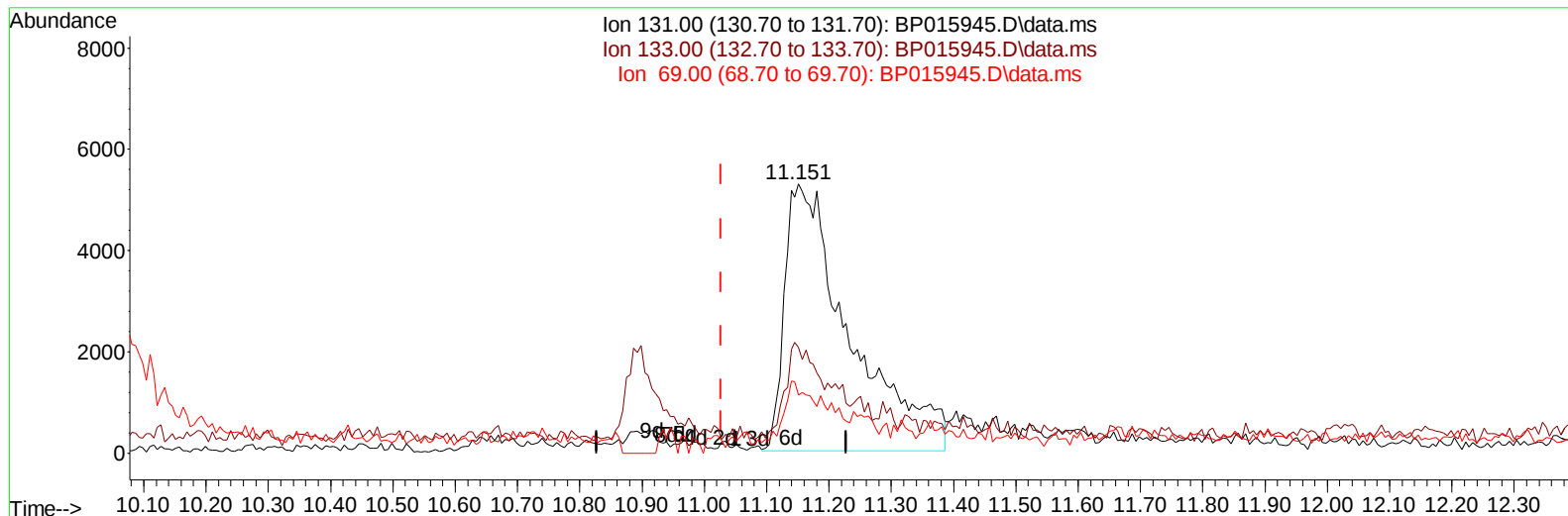
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(31) 4-Chloroaniline-d4 (S)

11.151min (+ 0.124) 2.41 ng/ul m

response 38330

Ion	Exp%	Act%
131.00	100.00	100.00
133.00	34.50	39.34
69.00	22.20	21.50
0.00	0.00	0.00

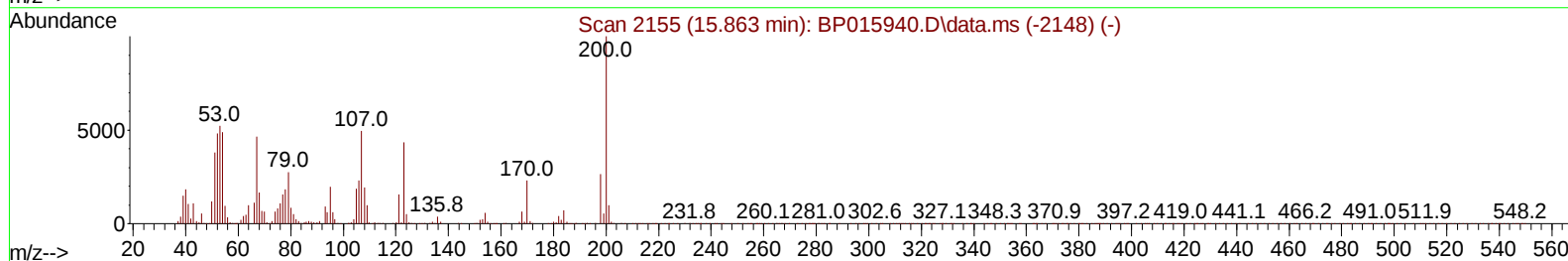
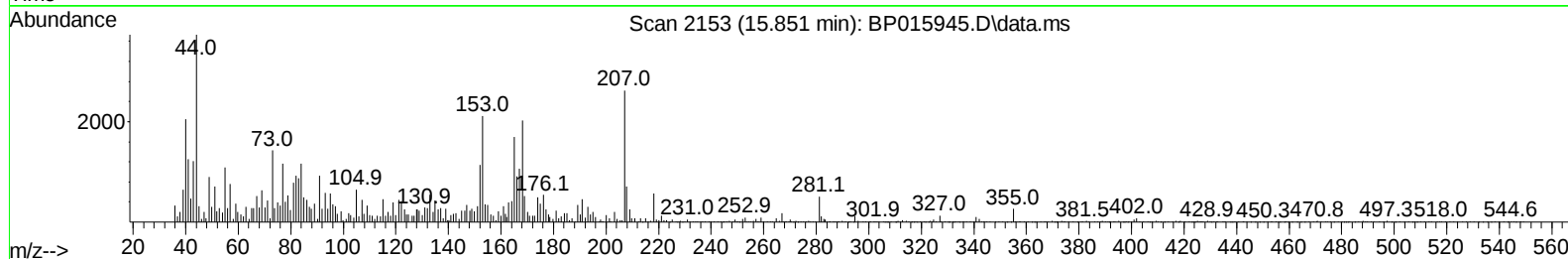
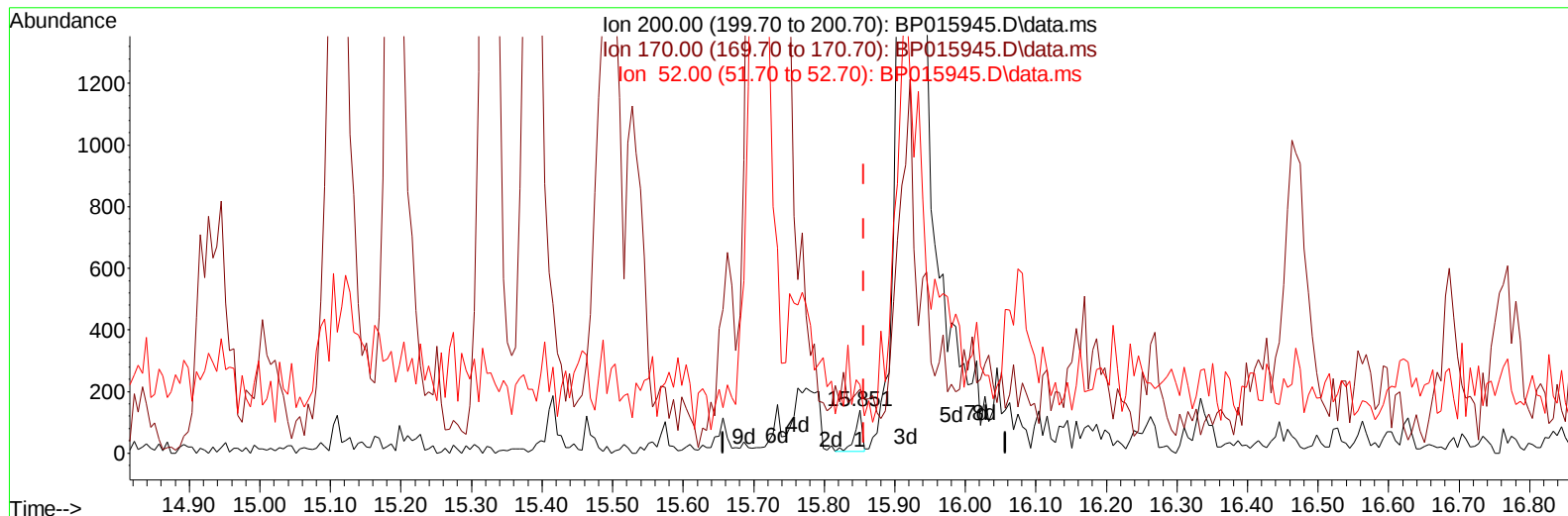
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.851min (-0.006) 0.02 ng/ul

response 96

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	149.64#
52.00	52.20	158.99#
0.00	0.00	0.00

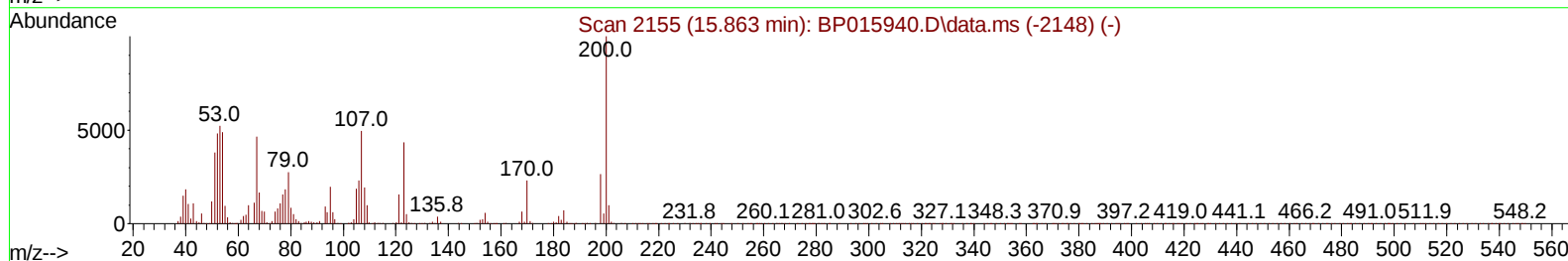
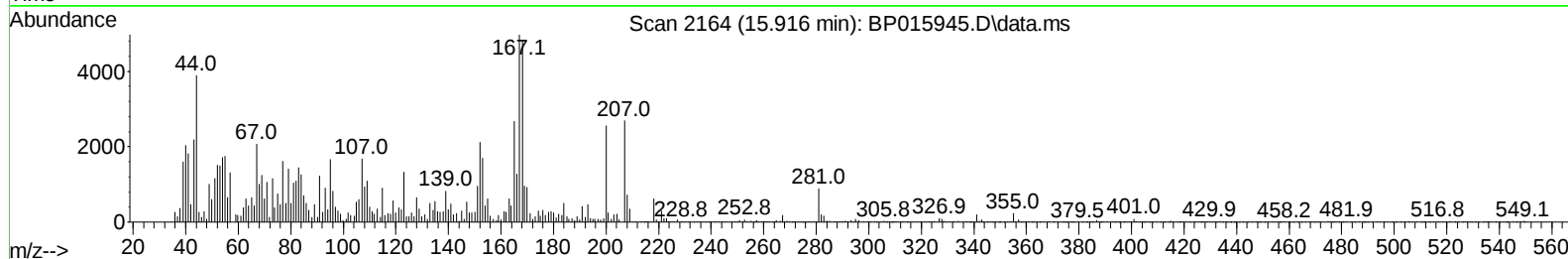
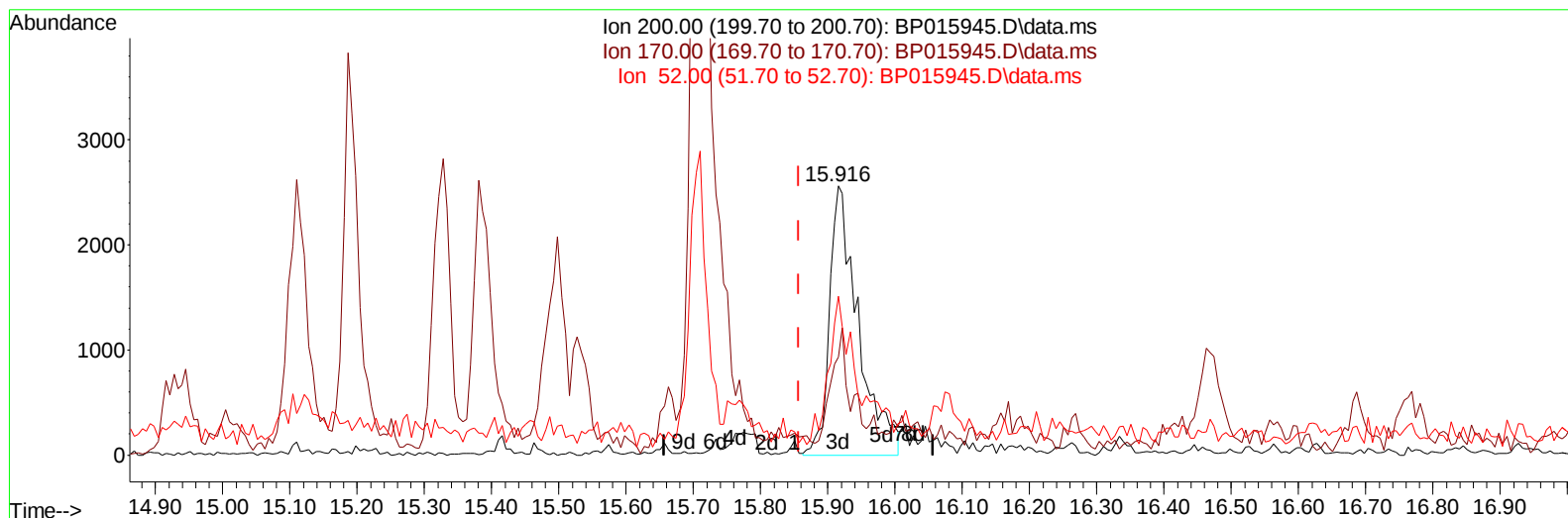
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:31:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.916min (+ 0.059) 1.30 ng/ul m

response 7633

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	24.30	36.52#
52.00	52.20	58.98
0.00	0.00	0.00

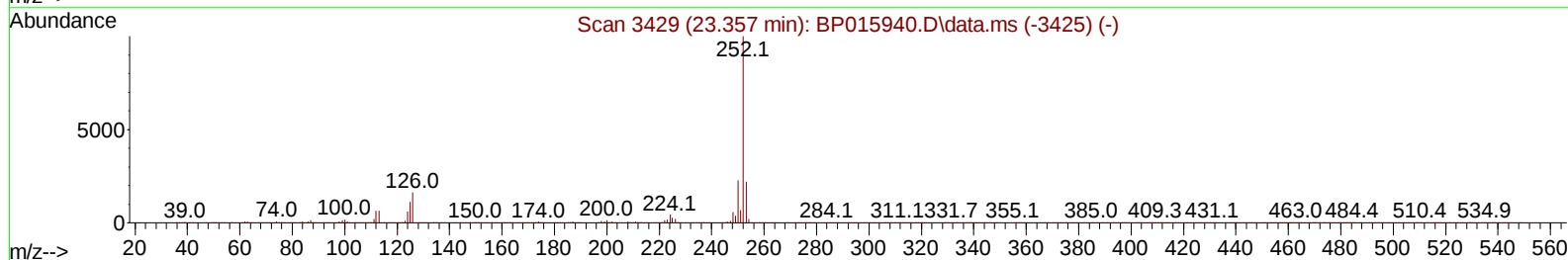
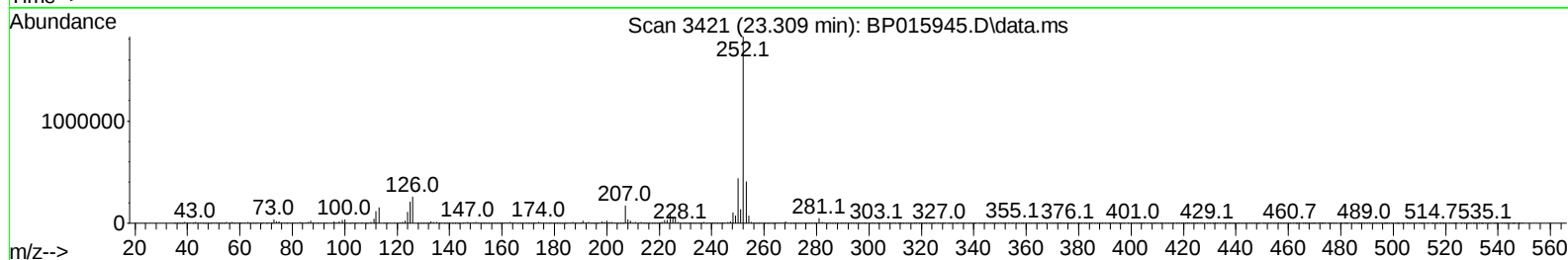
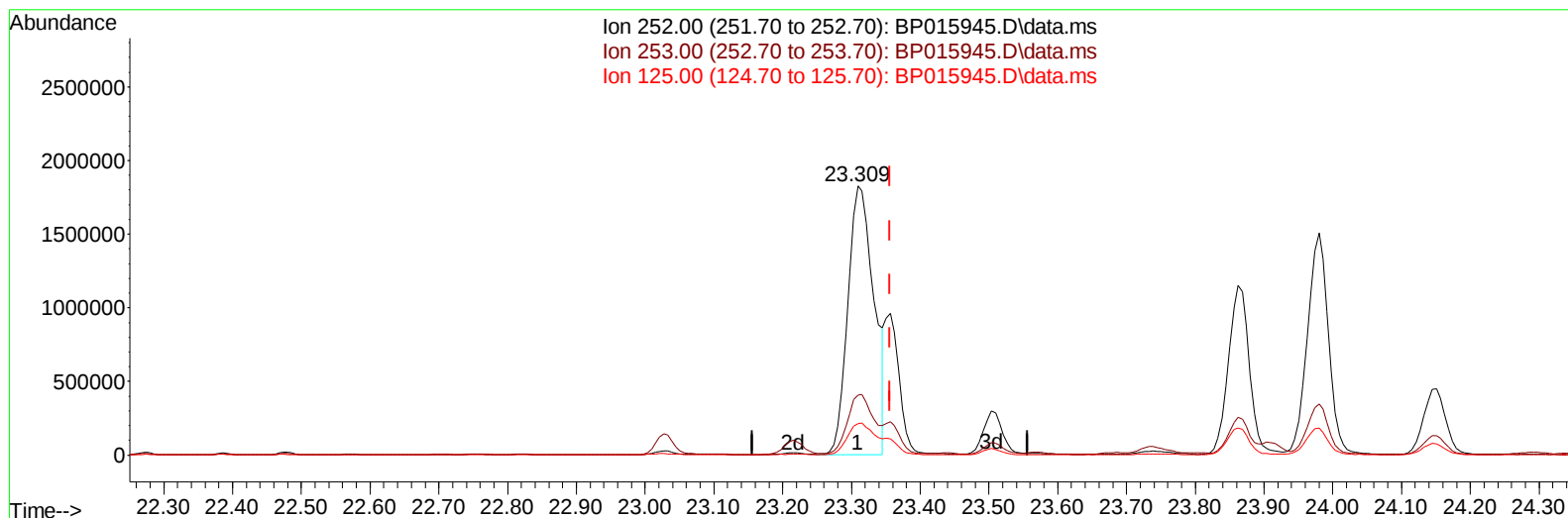
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(91) Benzo(k)fluoranthene

23.309min (-0.047) 63.82 ng/u1

response 4812160

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	22.40
125.00	9.10	11.62#
0.00	0.00	0.00

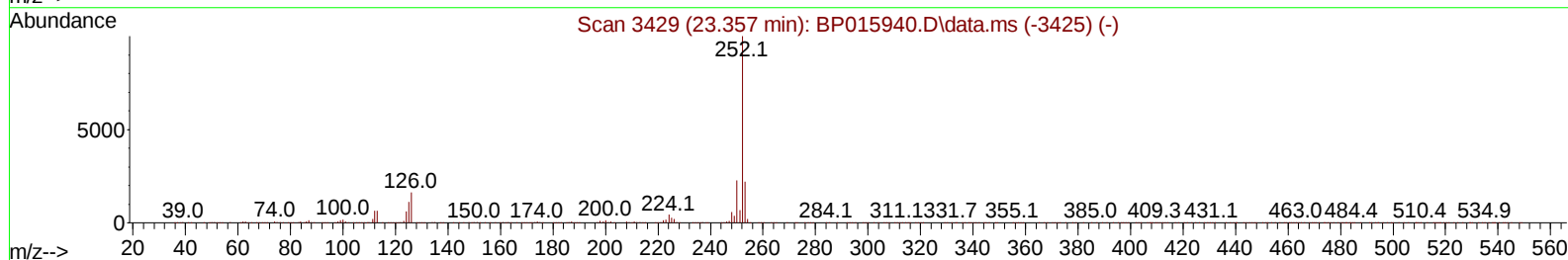
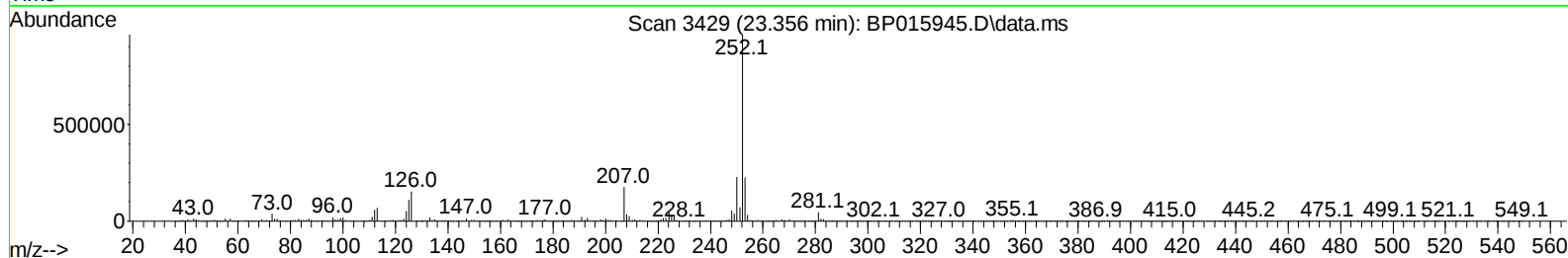
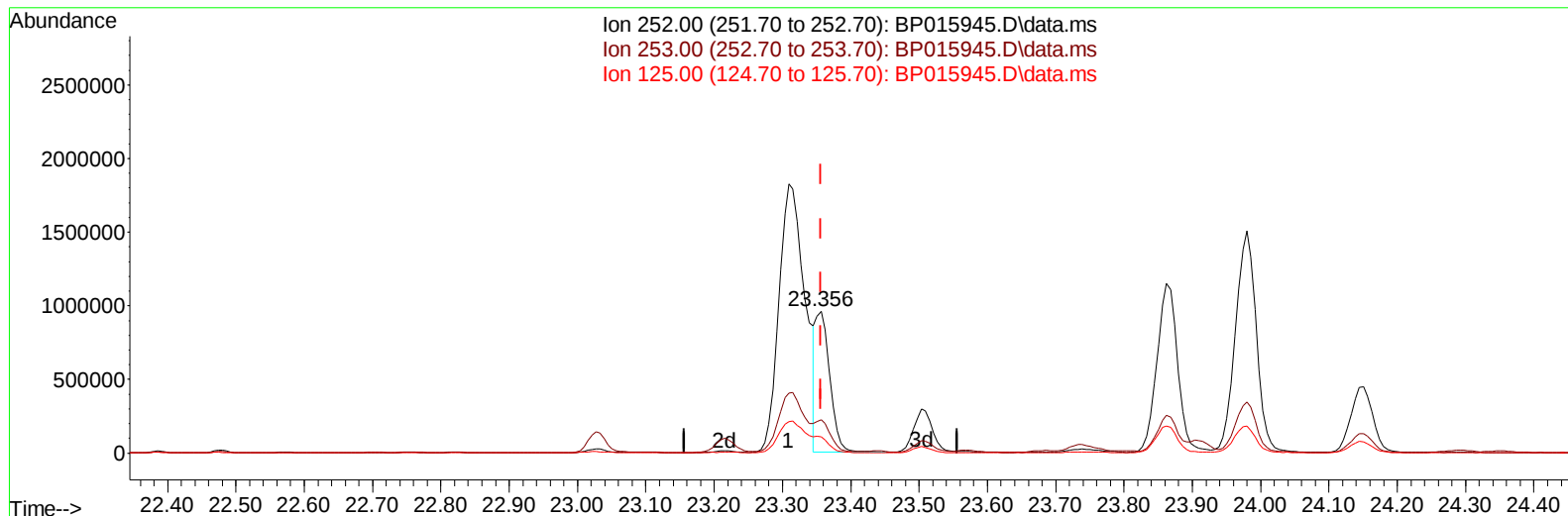
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Quant Time: Jul 03 22:33:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023



TIC: BP015945.D\data.ms

(91) Benzo(k)fluoranthene

23.356min (+ 0.000) 18.22 ng/ul m

response 1373932

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.20	23.42
125.00	9.10	11.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015945.D
 Acq On : 03 Jul 2023 11:39
 Operator : MA/JU
 Sample : 03242-16DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB7DL

Manual IntegrationsAPPROVED

Reviewed By :Sohil Jodhani 07/04/2023
 Supervised By :mohammad ahmed 07/04/2023

Quant Time: Jul 03 22:34:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.051	152		178797	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136		779196	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.704	164		446646	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188		953734	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240		942292	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264		1161424	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.375	96		4385	0.882	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	7.298	99		48915	3.197	ng/ul	0.08
9) Bis-(2-Chloroethyl)eth...	7.387	67		39397	4.163	ng/ul	0.02
11) 2-Chlorophenol-d4	7.622	132		48180	4.172	ng/ul	0.05
15) 4-Methylphenol-d8	8.887	113		51449m	4.257	ng/ul	0.11
21) Nitrobenzene-d5	9.298	128		22114m	3.714	ng/ul	0.06
24) 2-Nitrophenol-d4	10.069	143		24865m	3.578	ng/ul	0.11
28) 2,4-Dichlorophenol-d3	10.651	165		45345m	3.661	ng/ul	0.14
31) 4-Chloroaniline-d4	11.151	131		38330m	2.409	ng/ul	0.12
46) Dimethylphthalate-d6	14.133	166		162445	4.706	ng/ul	0.03
49) Acenaphthylene-d8	14.404	160		189049	4.871	ng/ul	0.01
54) 4-Nitrophenol-d4	0.000	143		0d	0.000	ng/ul	
60) Fluorene-d10	15.710	176		143224	5.039	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.916	200		7633m	1.301	ng/ul	0.06
73) Anthracene-d10	17.569	188		224205	5.146	ng/ul	0.01
81) Pyrene-d10	19.786	212		285319	4.637	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264		307896	5.255	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.939	128		61083	1.442	ng/ul	96
50) Acenaphthylene	14.439	152		88175	2.062	ng/ul	96
52) Acenaphthene	14.769	153		106639	3.596	ng/ul	99
61) Fluorene	15.769	166		99275	2.973	ng/ul	97
72) Phenanthrene	17.504	178		2128079	41.073	ng/ul	100
74) Anthracene	17.604	178		539074	10.354	ng/ul	98
80) Fluoranthene	19.463	202		5356279	70.045	ng/ul#	94
82) Pyrene	19.815	202		4755419	60.964	ng/ul#	91
85) Benzo(a)anthracene	21.533	228		2820615	42.552	ng/ul	97
87) Chrysene	21.586	228		2858732	45.457	ng/ul	98
90) Benzo(b)fluoranthene	23.309	252		4812160	64.483	ng/ul#	97
91) Benzo(k)fluoranthene	23.356	252		1373932m	18.222	ng/ul	
93) Benzo(a)pyrene	23.980	252		3192527	48.959	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.792	276		2676678	30.238	ng/ul	97
95) Dibenzo(a,h)anthracene	26.786	278		668394	9.193	ng/ul#	80
96) Benzo(g,h,i)perylene	27.627	276		2667333	36.627	ng/ul#	93

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

