

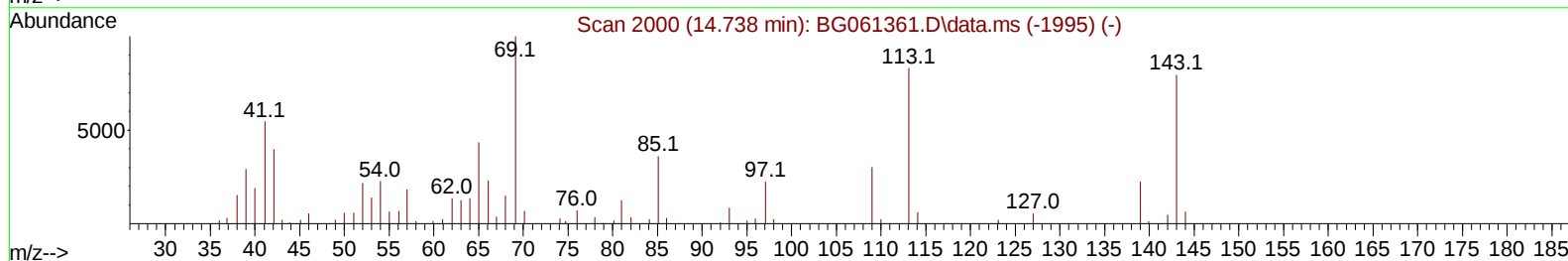
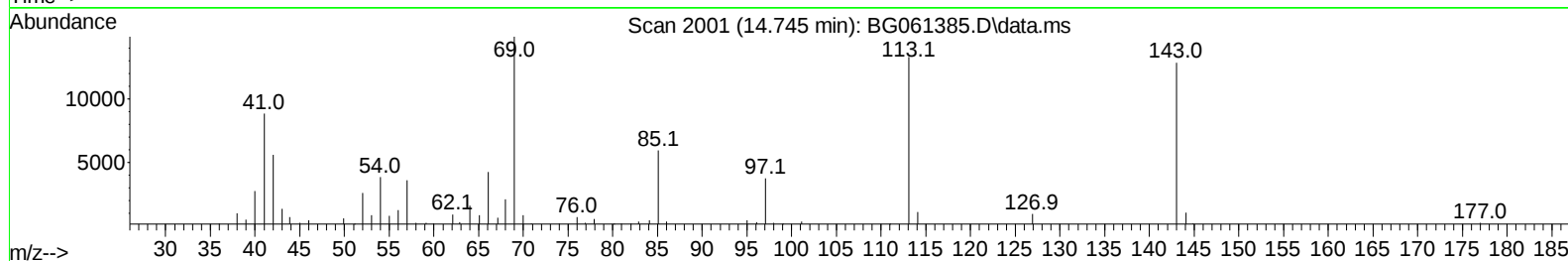
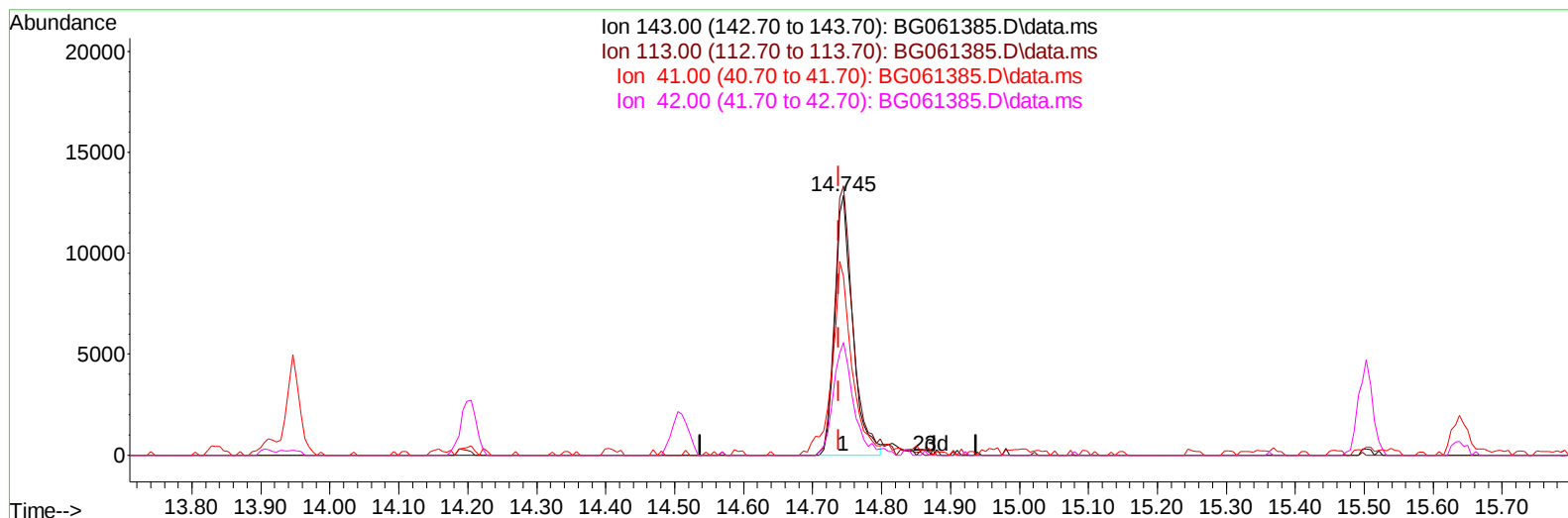
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:23:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061385.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.007) 29.95 ng/u1

response 23126

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	103.60
41.00	77.10	68.68
42.00	49.50	43.41

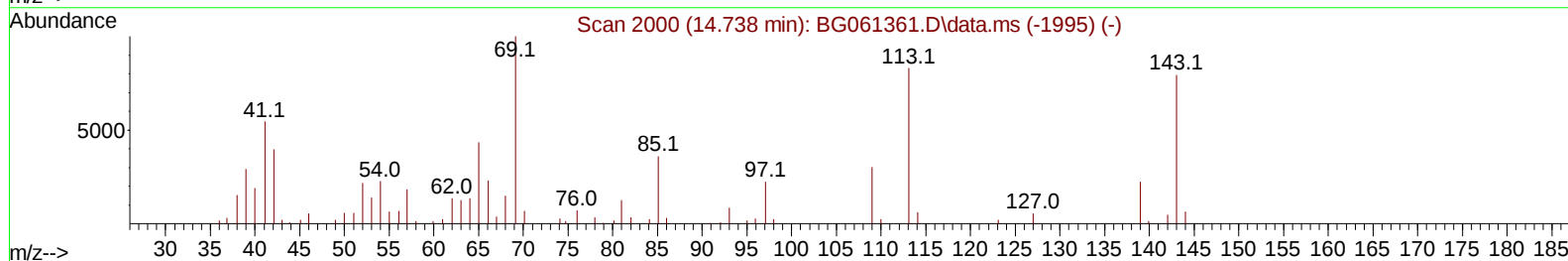
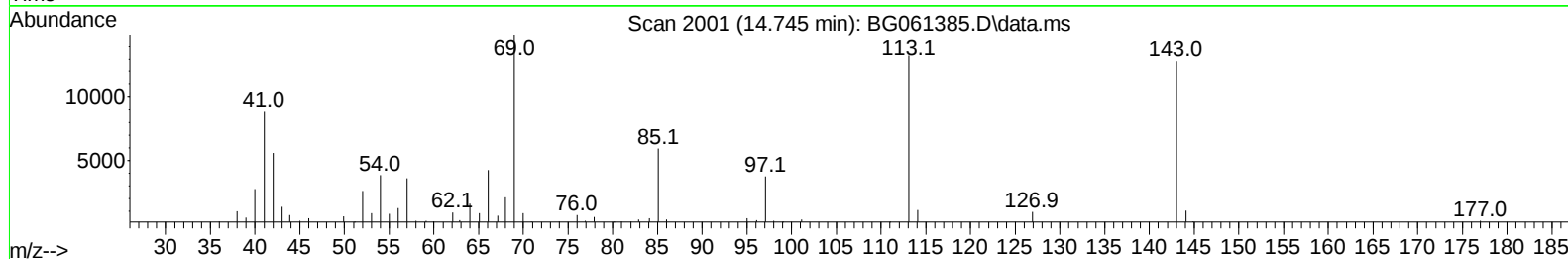
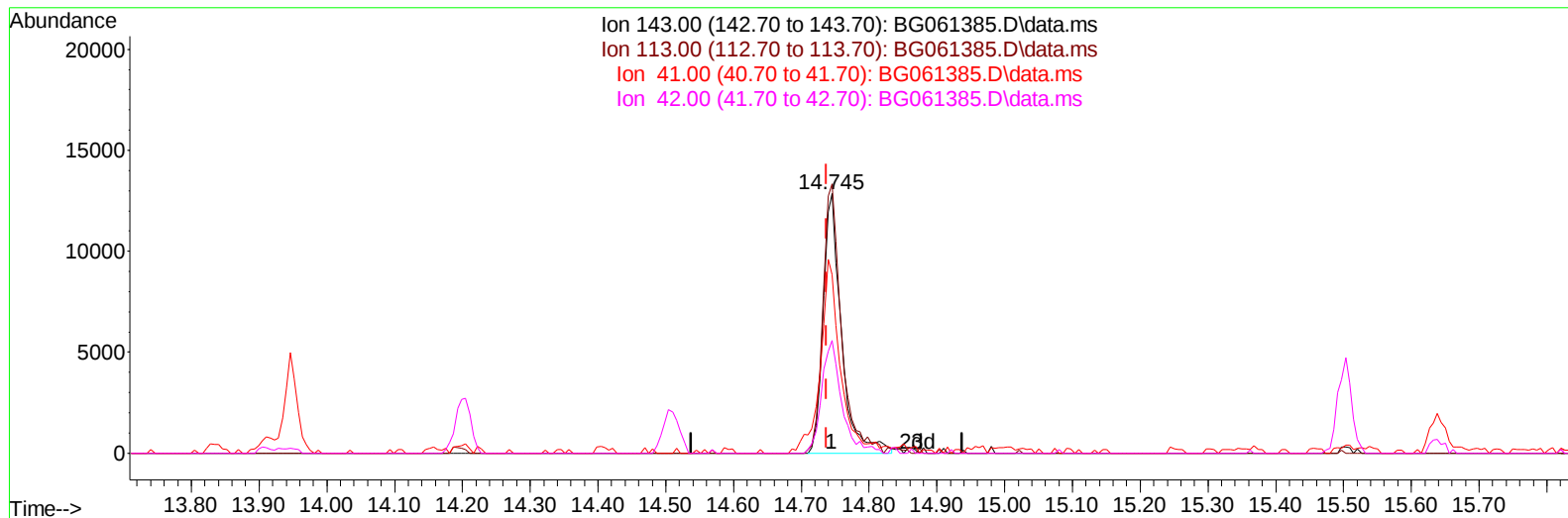
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:23:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
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TIC: BG061385.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.745min (+ 0.007) 31.17 ng/ul m

response 24067

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	122.20	103.60
41.00	77.10	68.68
42.00	49.50	43.41

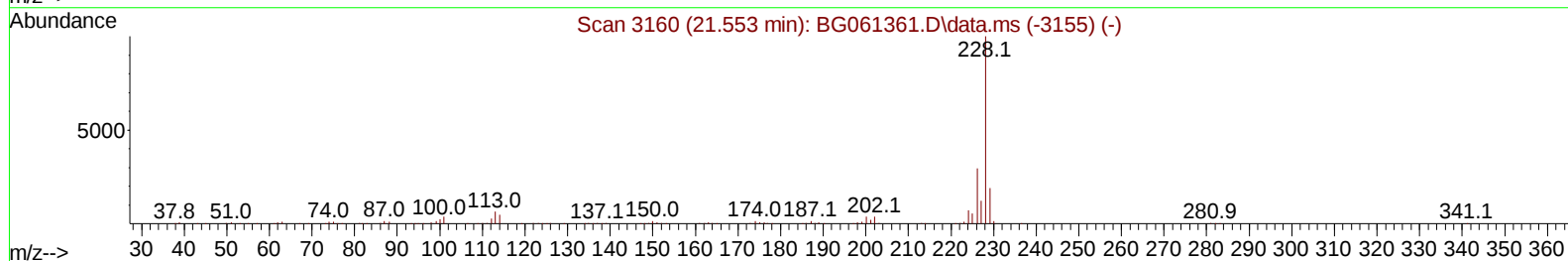
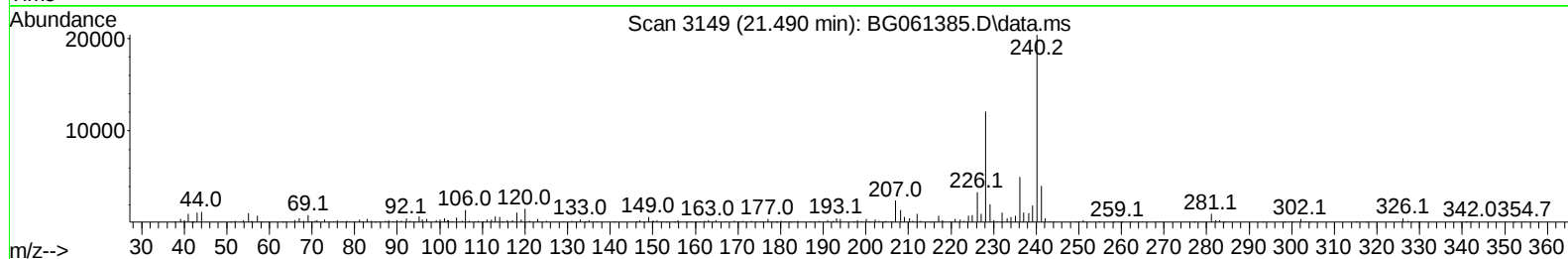
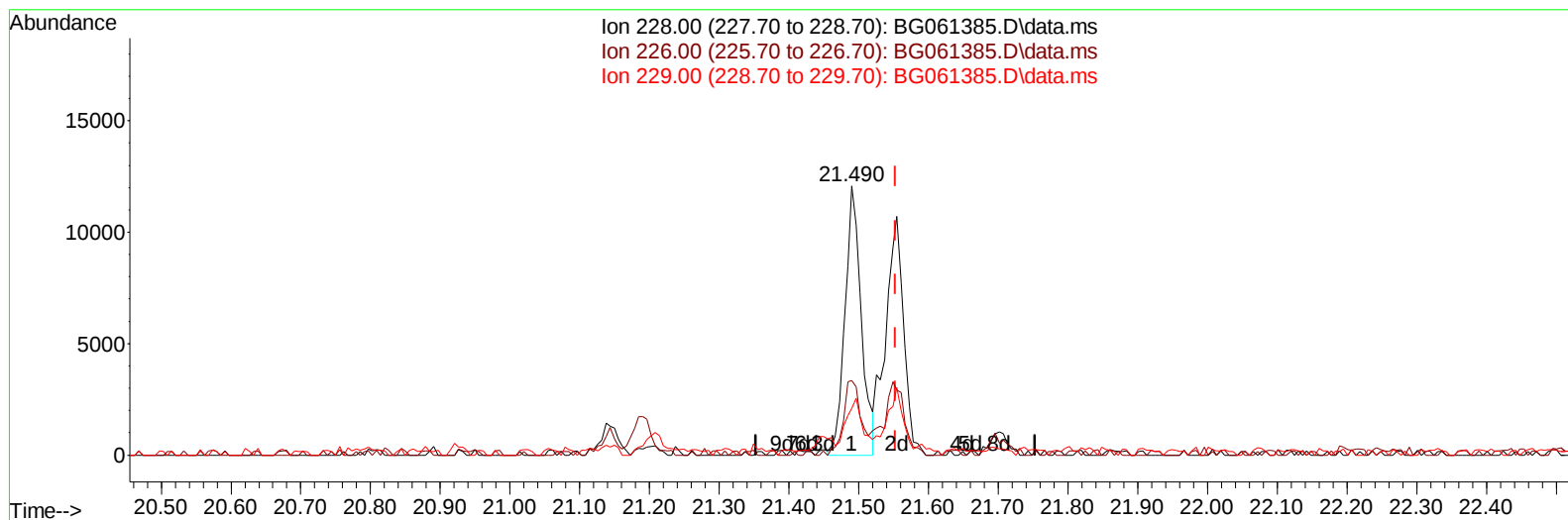
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: May 31 09:24:01 2024
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Quant Title : SVOA CALIBRATION
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TIC: BG061385.D\data.ms

(87) Chrysene

21.490min (-0.063) 1.62 ng/u1

response 19501

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.83
229.00	19.30	17.35
0.00	0.00	0.00

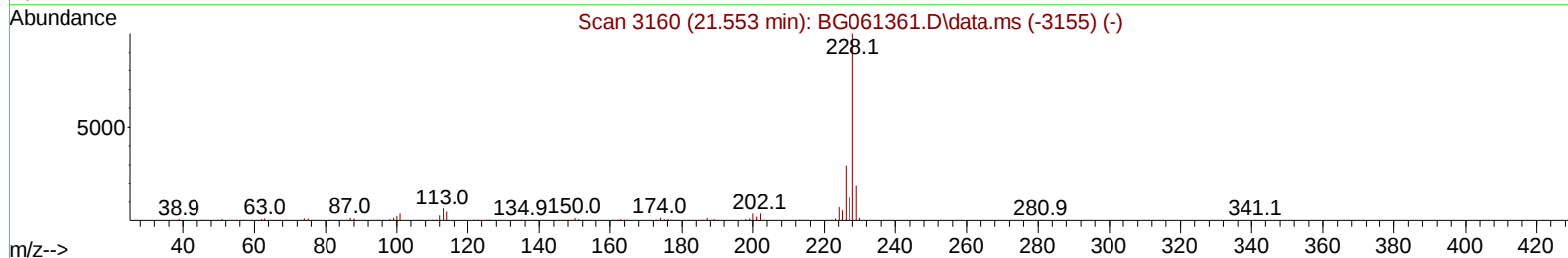
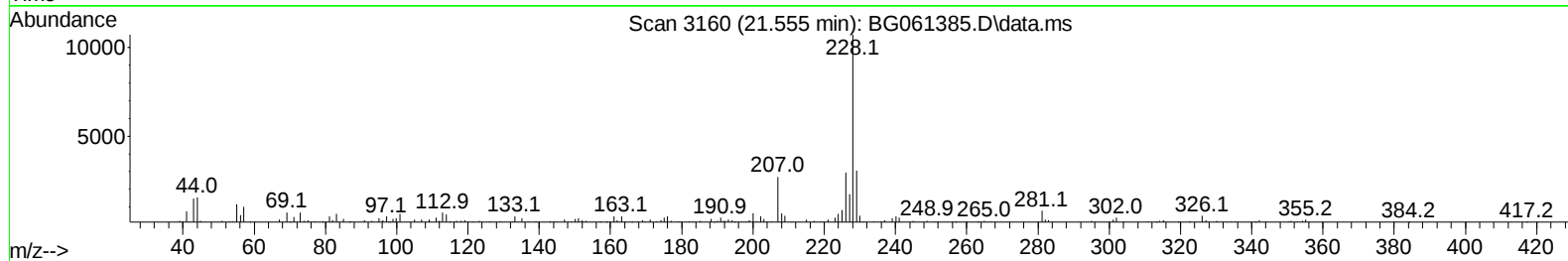
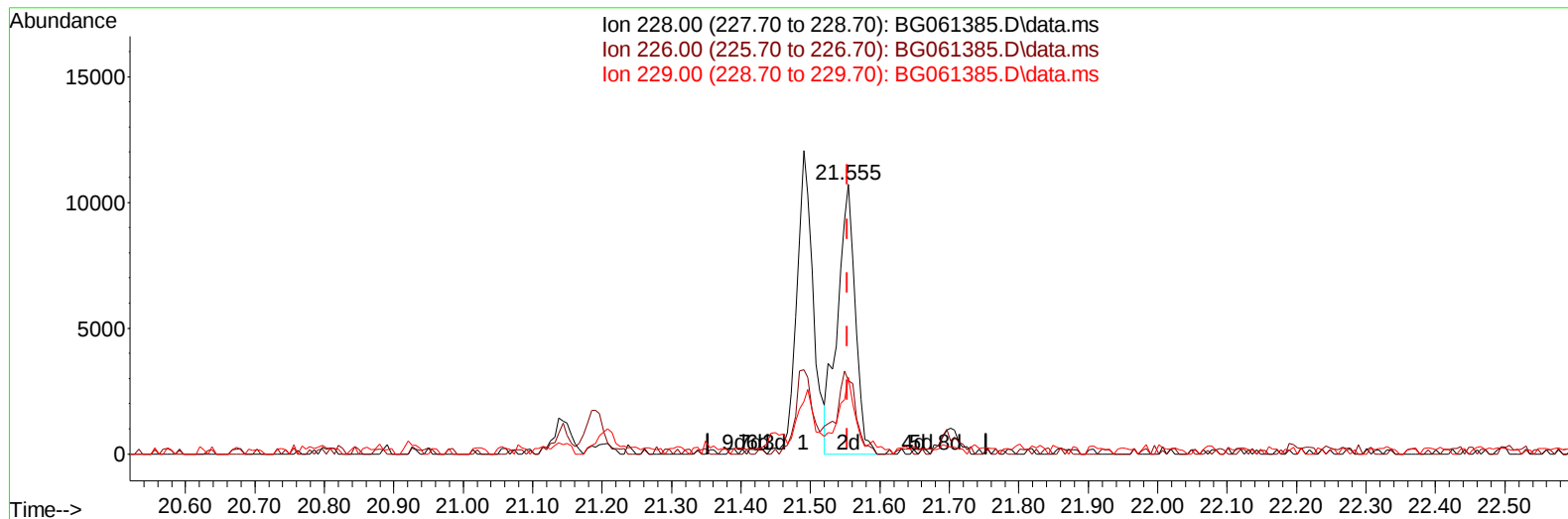
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:24:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
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Supervised By :mohammad ahmed 06/01/2024



TIC: BG061385.D\data.ms

(87) Chrysene

21.555min (+ 0.002) 1.61 ng/ul m

response 19284

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	29.20	27.35
229.00	19.30	28.38#
0.00	0.00	0.00

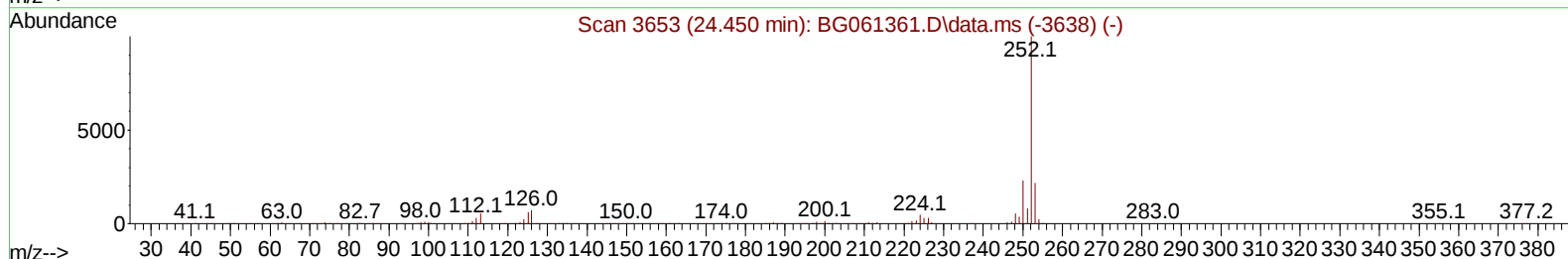
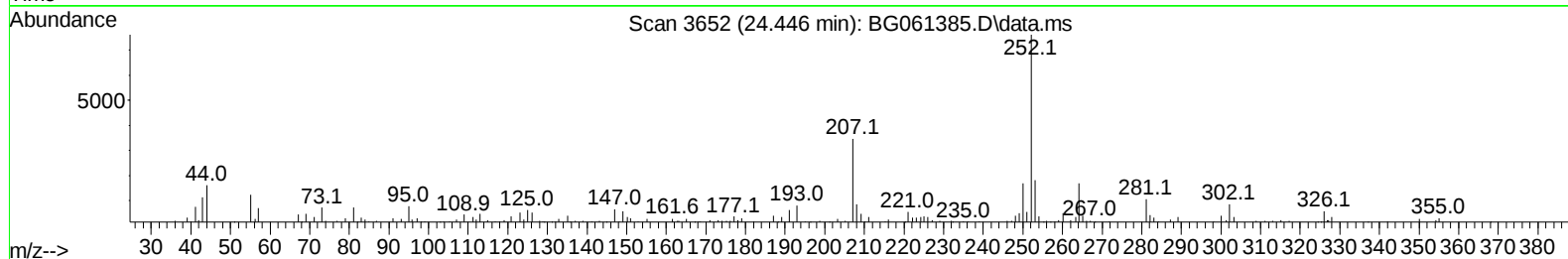
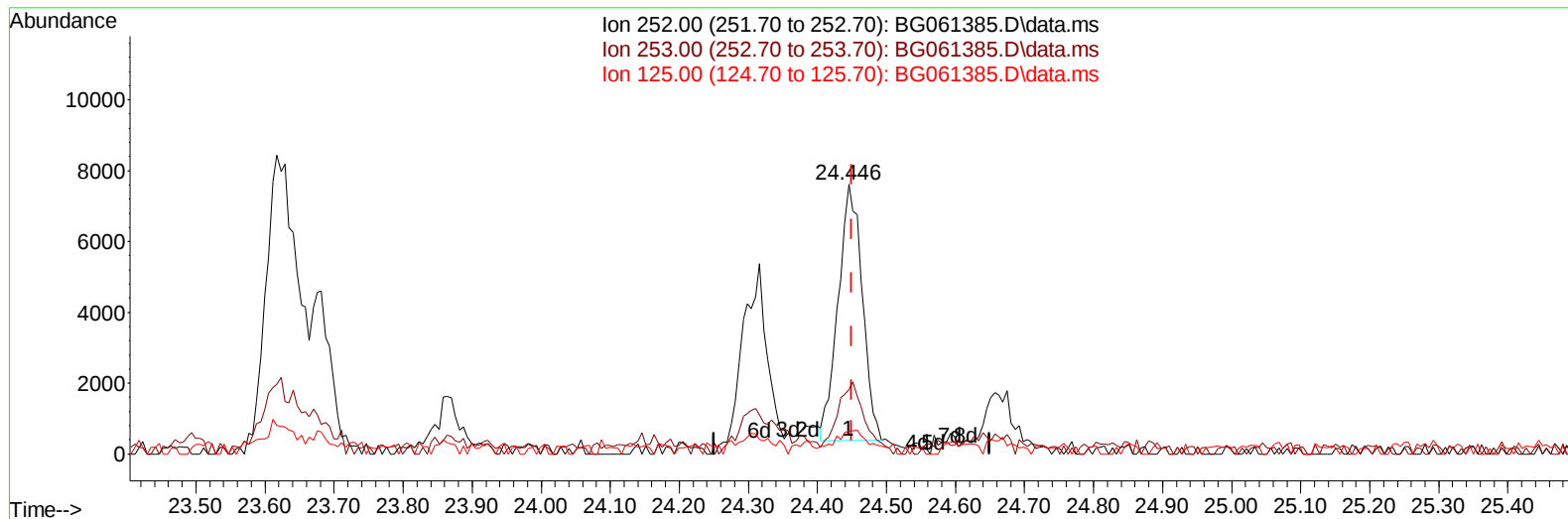
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061385.D
 Acq On : 31 May 2024 8:50
 Operator : MA/JU
 Sample : P2570-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:24:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
 Supervised By :mohammad ahmed 06/01/2024



TIC: BG061385.D\data.ms

(93) Benzo(a)pyrene (C)

24.446min (-0.004) 1.43 ng/u1

response 17489

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	23.86
125.00	5.40	8.36#
0.00	0.00	0.00

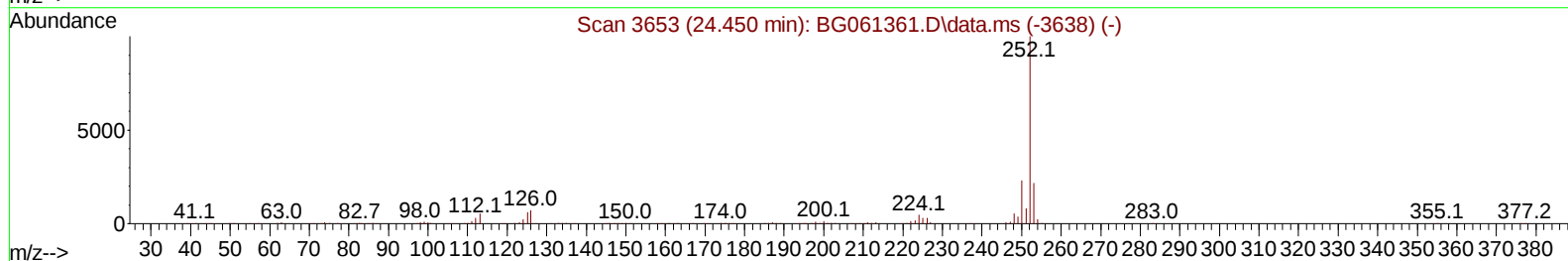
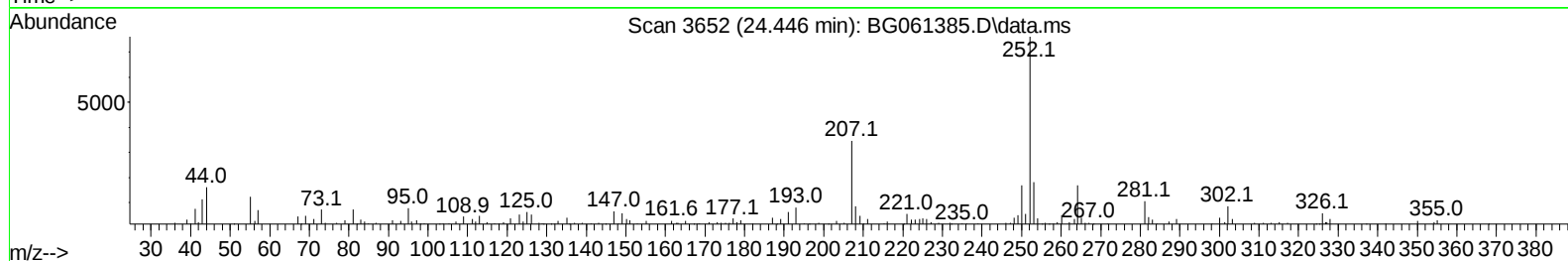
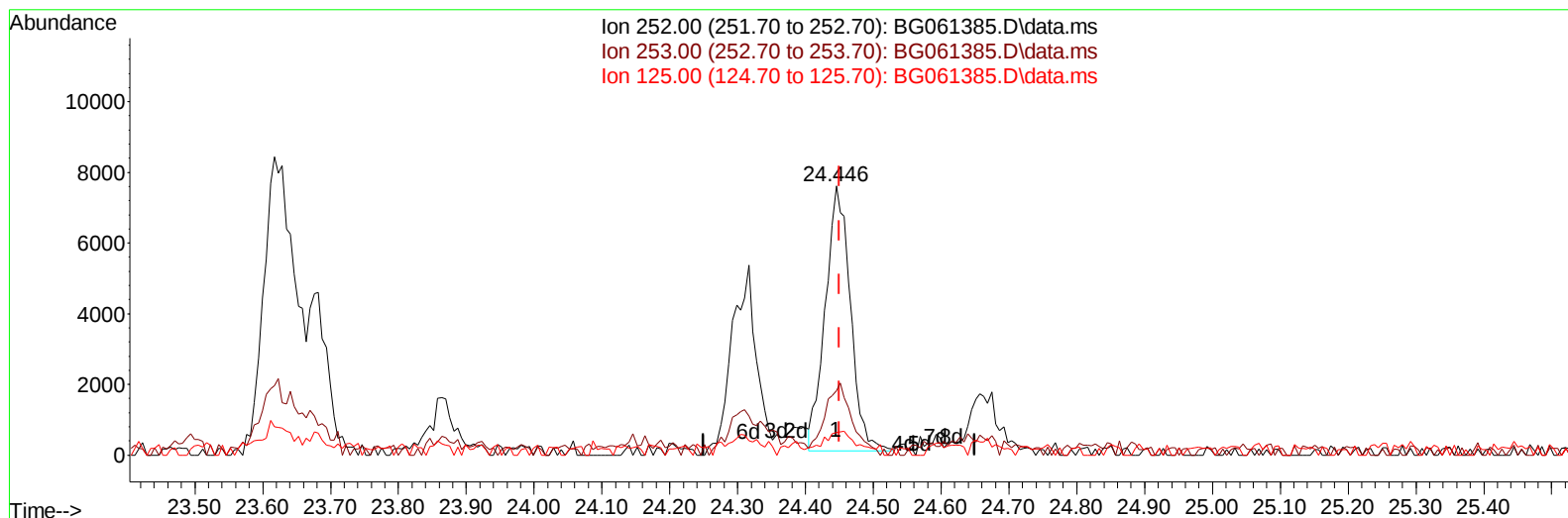
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
Data File : BG061385.D
Acq On : 31 May 2024 8:50
Operator : MA/JU
Sample : P2570-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:24:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 30 22:54:48 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024



TIC: BG061385.D\data.ms

(93) Benzo(a)pyrene (C)

24.446min (-0.004) 1.57 ng/u1 m

response 19167

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.50	23.86
125.00	5.40	8.36#
0.00	0.00	0.00

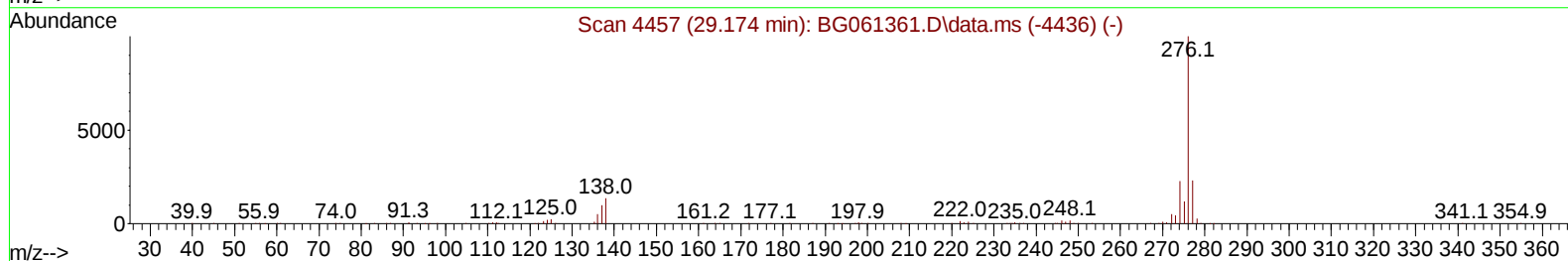
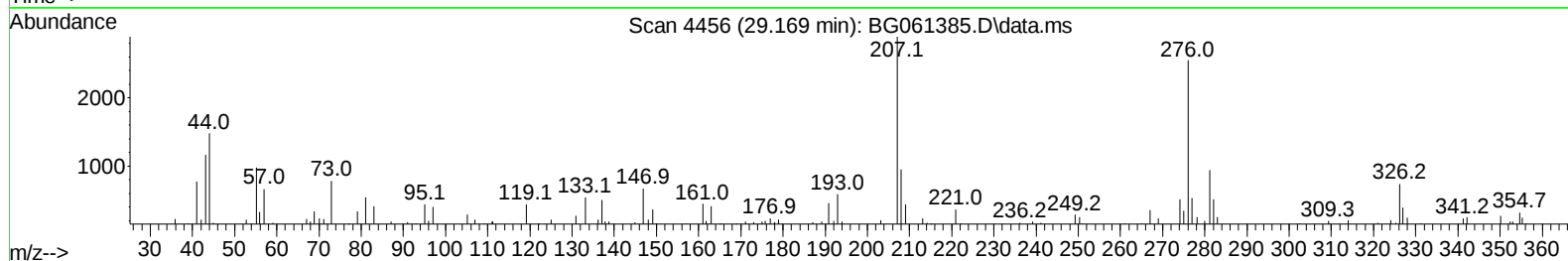
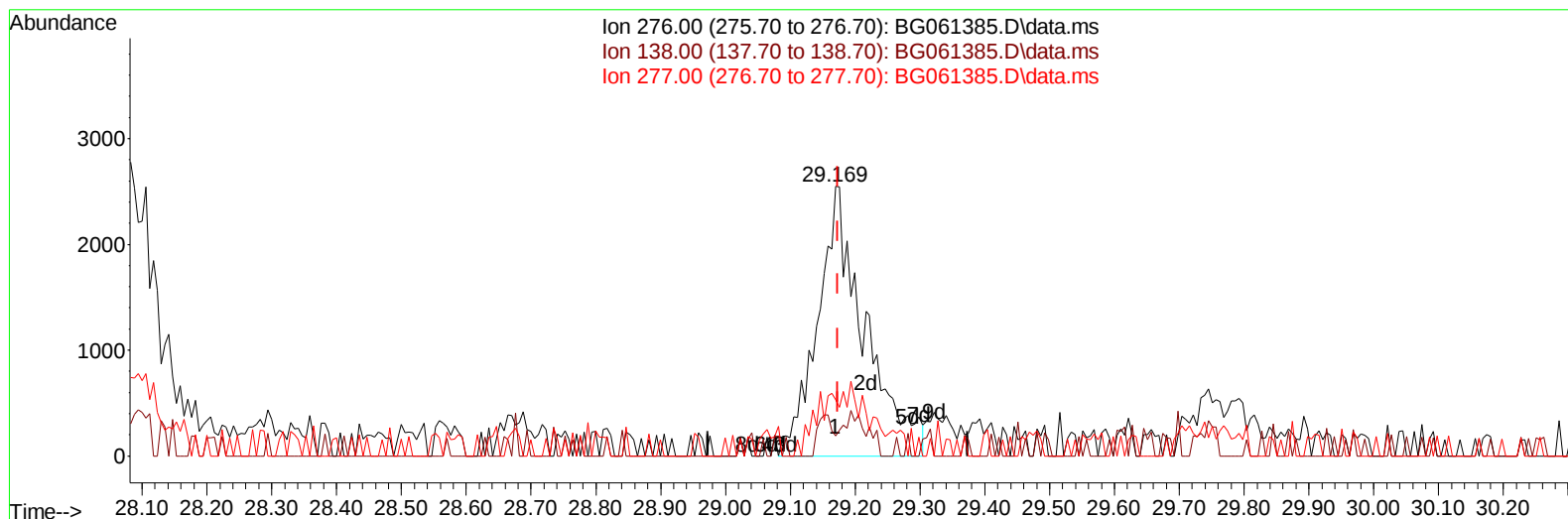
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061385.D
 Acq On : 31 May 2024 8:50
 Operator : MA/JU
 Sample : P2570-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:25:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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TIC: BG061385.D\data.ms

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

29.169min (-0.004) 1.09 ng/ul m

response 12857

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	10.90	7.50#
277.00	22.70	20.92
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053024\
 Data File : BG061385.D
 Acq On : 31 May 2024 8:50
 Operator : MA/JU
 Sample : P2570-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BH5Q9

Manual IntegrationsAPPROVED

Quant Time: May 31 09:26:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG052124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 30 22:54:48 2024
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Reviewed By :Jagrut Upadhyay 05/31/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.877	152	28801	20.000	ng/ul	0.00
20) Naphthalene-d8	10.668	136	112458	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.510	164	80536	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.260	188	181581	20.000	ng/ul	0.00
79) Chrysene-d12	21.508	240	188997	20.000	ng/ul	0.00
88) Perylene-d12	24.598	264	216237	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.341	96	2939	5.711	ng/uL	0.00
4) Pyridine-d5	3.740	84	49682	27.135	ng/ul	0.00
7) Phenol-d5	7.060	99	73996	31.286	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.207	67	47021	31.630	ng/ul	0.00
11) 2-Chlorophenol-d4	7.413	132	59467	33.973	ng/ul	0.00
15) 4-Methylphenol-d8	8.594	113	62319	30.901	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	31206	36.041	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	35835	35.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.297	165	70664	35.770	ng/ul	0.00
31) 4-Chloroaniline-d4	10.803	131	83074	32.143	ng/ul	0.00
46) Dimethylphthalate-d6	13.917	166	227539	36.428	ng/ul	0.00
49) Acenaphthylene-d8	14.205	160	251235	38.689	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	24067m	31.165	ng/ul	0.00
60) Fluorene-d10	15.503	176	197911	36.700	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.638	200	25048	22.807	ng/ul	0.00
73) Anthracene-d10	17.354	188	314433	39.278	ng/ul	0.00
81) Pyrene-d10	19.651	212	375882	38.734	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.387	264	412786	39.707	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.301	178	9353	1.061	ng/ul	94
80) Fluoranthene	19.316	202	32945	2.830	ng/ul	99
82) Pyrene	19.680	202	31899	2.640	ng/ul#	96
83) Butylbenzylphthalate	20.568	149	5147	1.240	ng/ul	96
85) Benzo(a)anthracene	21.490	228	19501	1.495	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.402	149	32061	5.218	ng/ul	97
87) Chrysene	21.555	228	19284m	1.606	ng/ul	
90) Benzo(b)fluoranthene	23.617	252	27141	2.108	ng/ul#	96
93) Benzo(a)pyrene	24.446	252	19167m	1.568	ng/ul	
96) Benzo(g,h,i)perylene	29.169	276	12857m	1.093	ng/ul	

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

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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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BH5Q9

Manual IntegrationsAPPROVED

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