

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
 Data File : BN026764.D
 Acq On : 26 Jul 2023 20:40
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4379

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 05:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	1625	0.400	ng/ul	0.02
4) Naphthalene-d8	10.630	136	4583	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	3137	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	6390	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	7165	0.400	ng/ul	# 0.00
23) Perylene-d12	23.796	264	7589	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.191	96	1024m	0.478	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.236	152	2604	0.418	ng/ul	0.02
18) Fluoranthene-d10	19.250	212	9056	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	1062	0.524	ng/ul#	87
5) Naphthalene	10.680	128	4819	0.383	ng/ul	94
7) 2-Methylnaphthalene	12.302	142	2881	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.511	142	3320	0.434	ng/ul	98
10) Acenaphthylene	14.189	152	6121	0.398	ng/ul	99
11) Acenaphthene	14.522	153	4601	0.393	ng/ul	99
12) Fluorene	15.522	166	5176	0.422	ng/ul	99
14) Pentachlorophenol	16.902	266	776m	0.481	ng/ul	
15) Phenanthrene	17.261	178	8220	0.404	ng/ul	100
16) Anthracene	17.363	178	7277	0.412	ng/ul	99
19) Fluoranthene	19.278	202	11251	0.335	ng/ul#	91
20) Pyrene	19.645	202	12286	0.337	ng/ul#	90
21) Benzo(a)anthracene	21.405	228	9962	0.378	ng/ul	98
22) Chrysene	21.454	228	11445	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.073	252	11038	0.373	ng/ul	90
25) Benzo(k)fluoranthene	23.117	252	12782	0.412	ng/ul#	92
26) Benzo(a)pyrene	23.690	252	10179	0.387	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.260	276	11691	0.339	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.270	278	8619	0.326	ng/ul#	91
29) Benzo(g,h,i)perylene	27.008	276	10802	0.355	ng/ul#	87

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

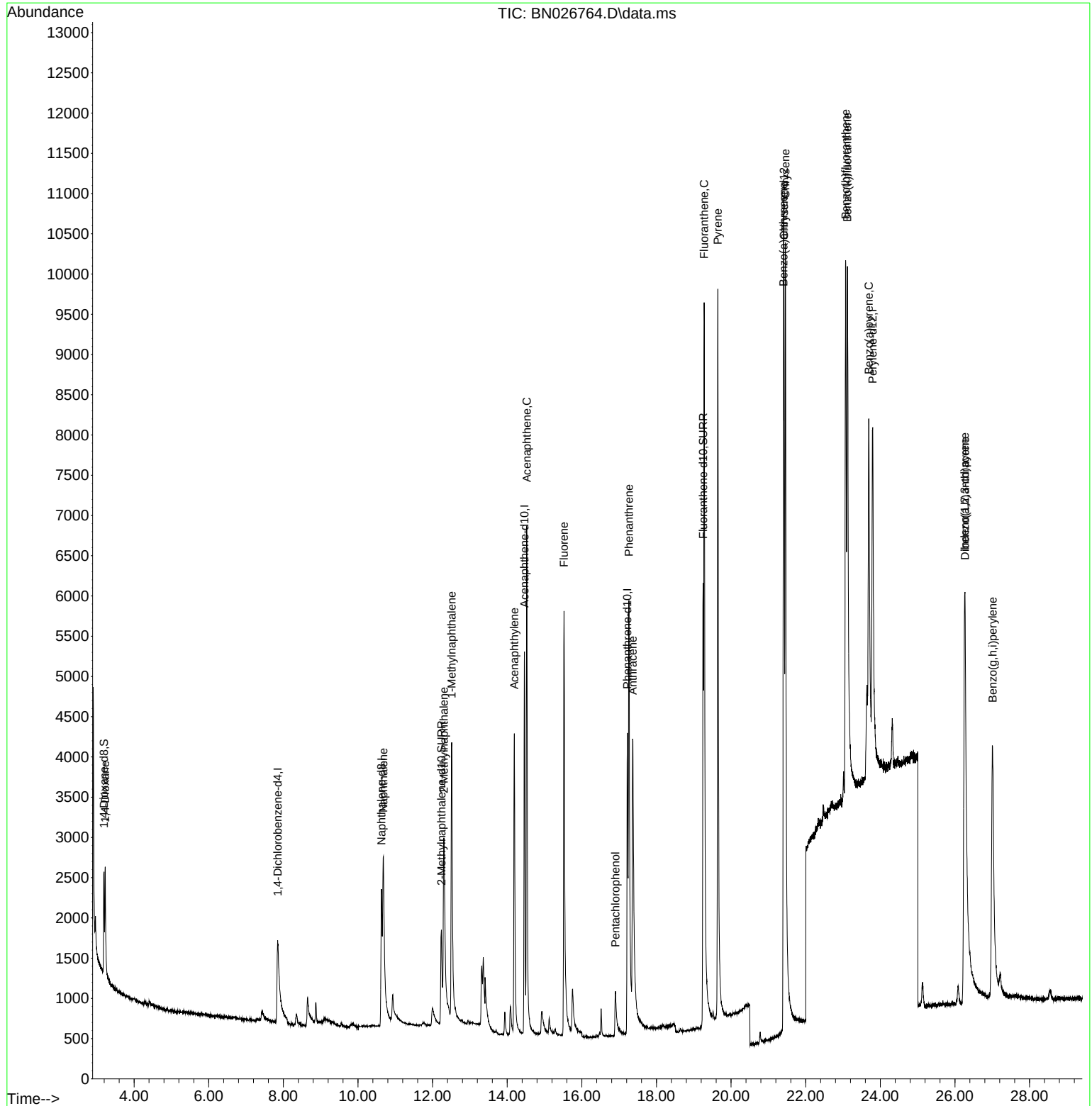
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
Data File : BN026764.D
Acq On : 26 Jul 2023 20:40
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4379

Quant Time: Jul 27 05:05:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



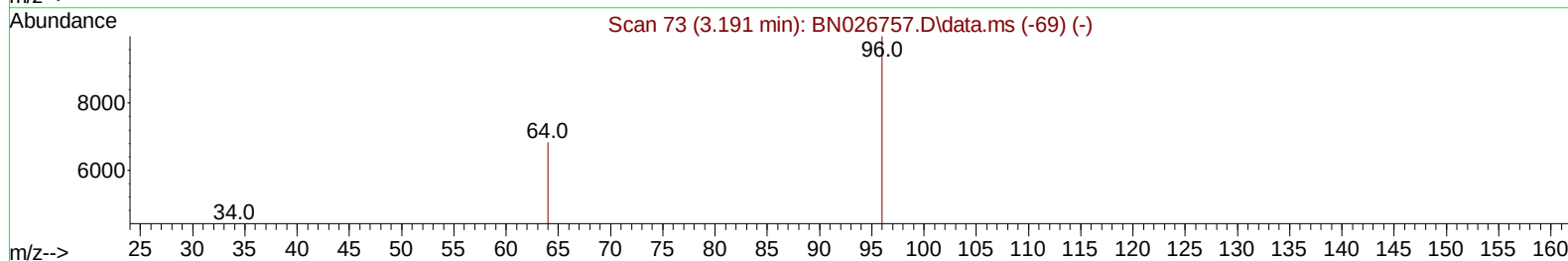
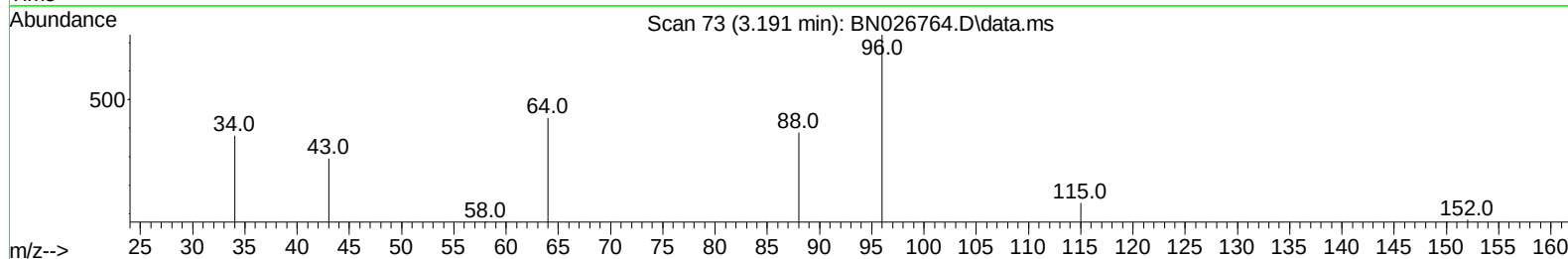
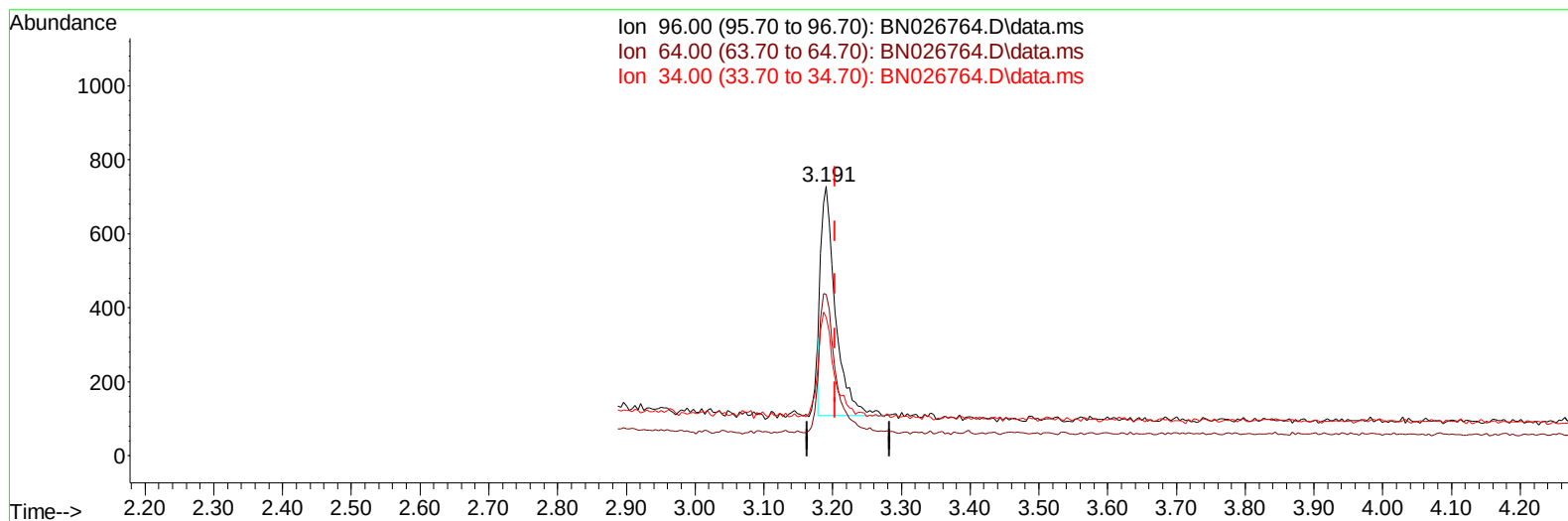
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
Data File : BN026764.D
Acq On : 26 Jul 2023 20:40
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4379

Quant Time: Jul 27 05:05:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



TIC: BN026764.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.191min (-0.013) 0.43 ng/u1

response 921

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.30	59.89
34.00	33.50	51.37#
0.00	0.00	0.00

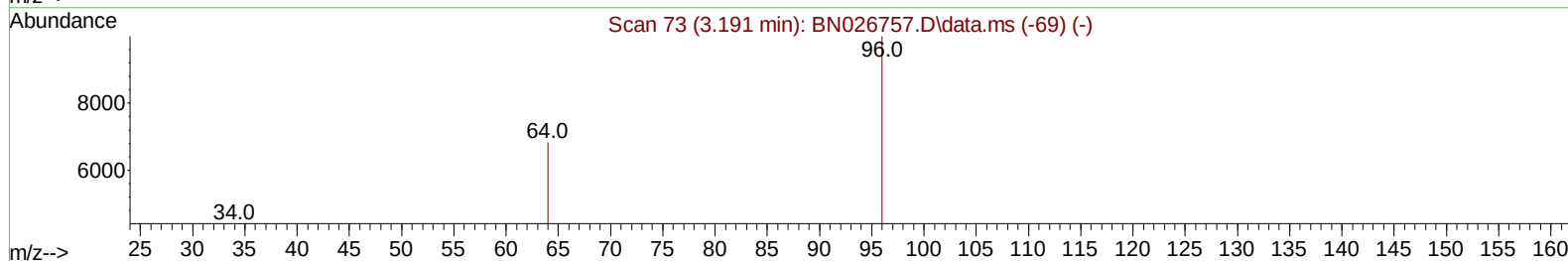
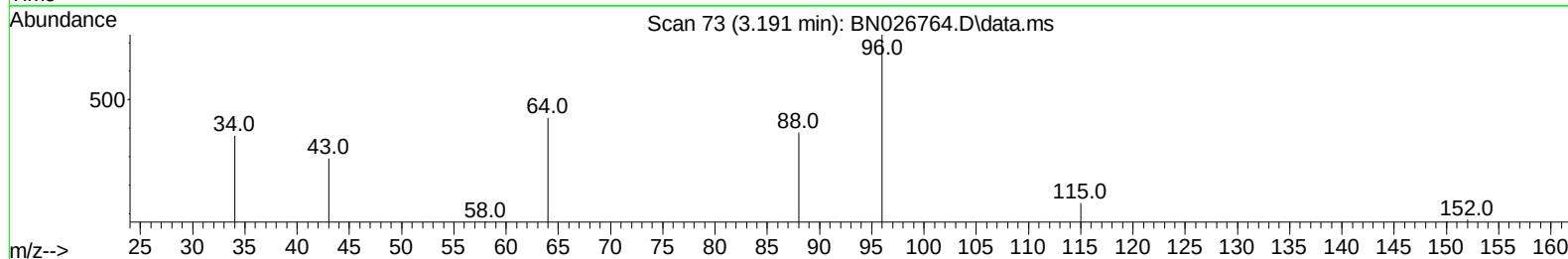
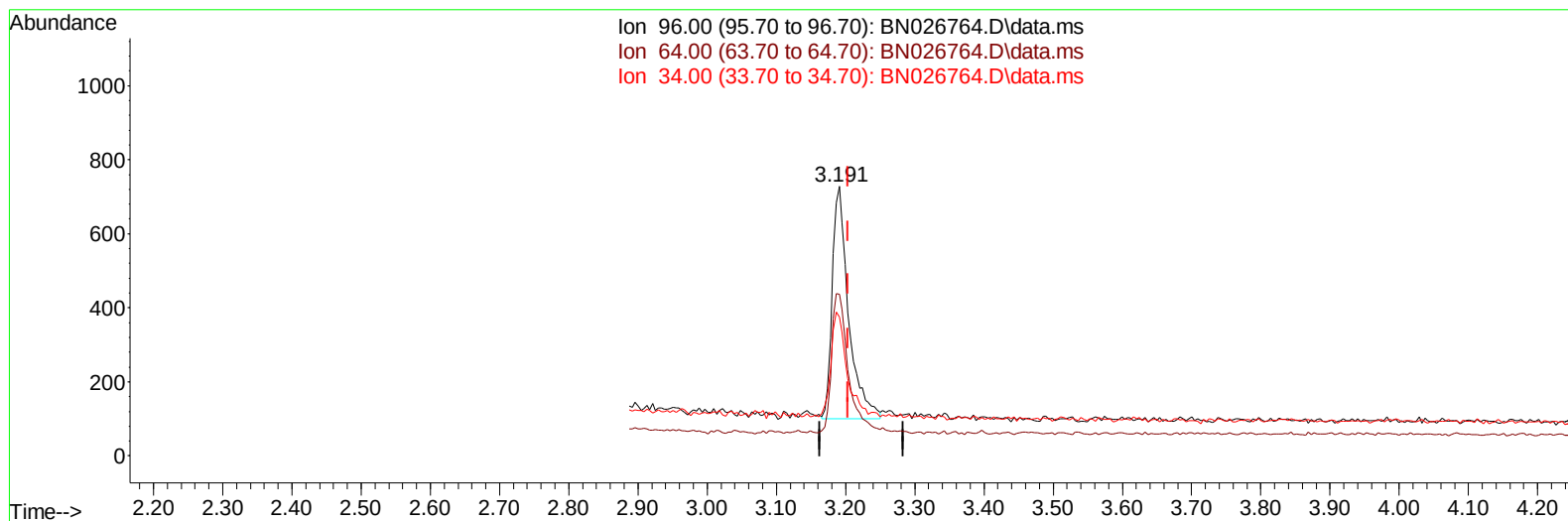
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
 Data File : BN026764.D
 Acq On : 26 Jul 2023 20:40
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4379

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 05:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration



TIC: BN026764.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.191min (-0.013) 0.48 ng/ul m

response 1024

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	52.30	59.89
34.00	33.50	51.37#
0.00	0.00	0.00

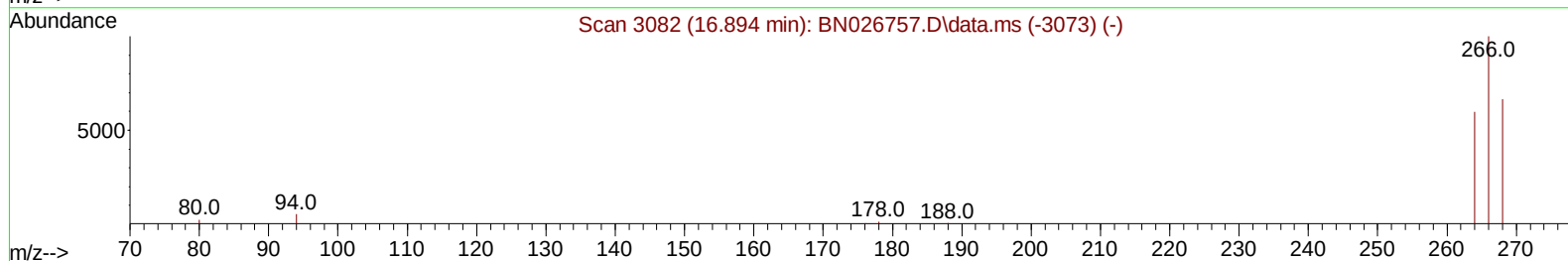
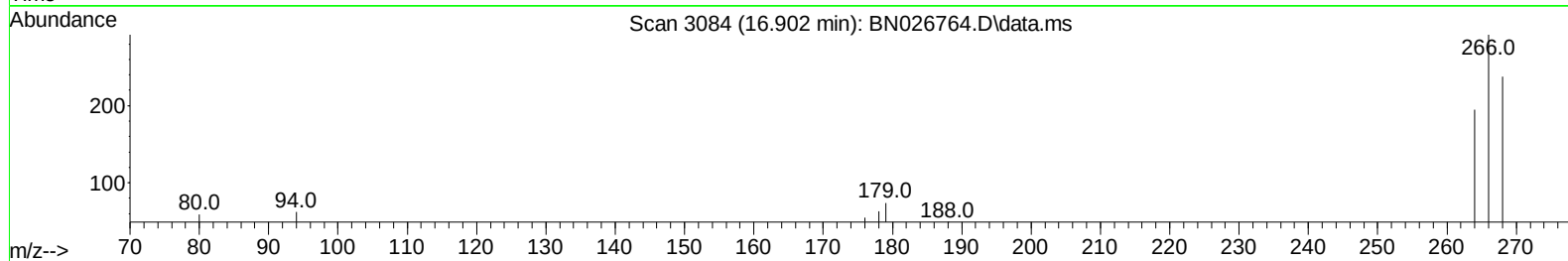
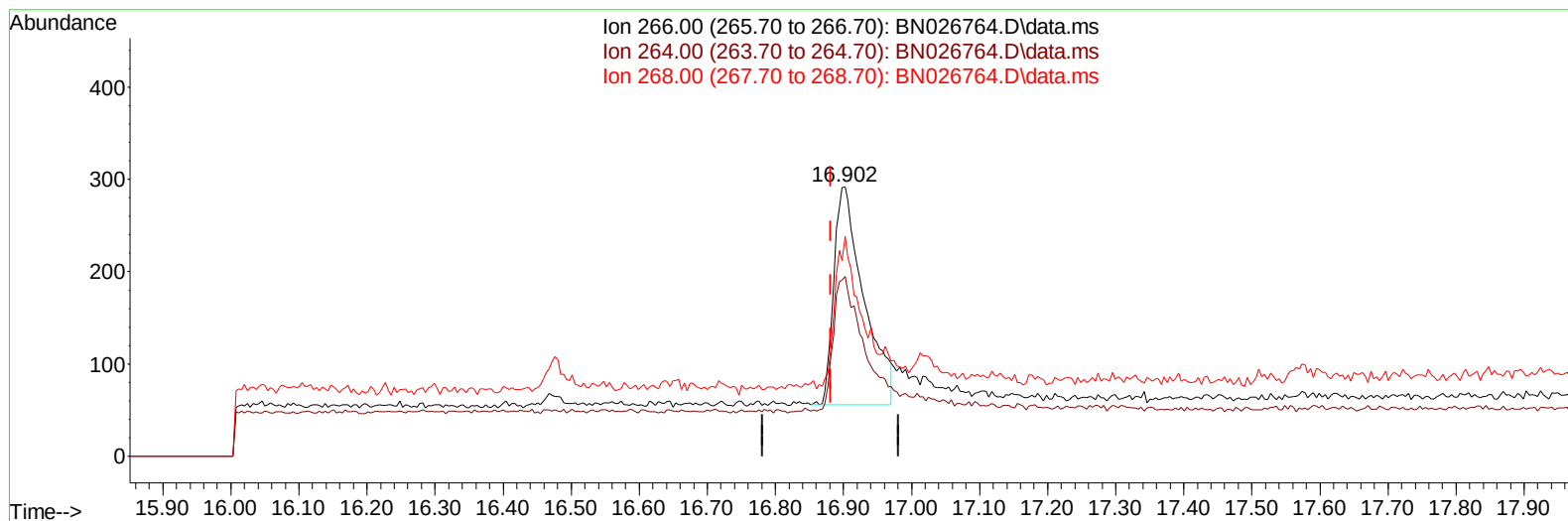
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
 Data File : BN026764.D
 Acq On : 26 Jul 2023 20:40
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4379

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 05:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration



TIC: BN026764.D\data.ms

(14) Pentachlorophenol

16.902min (+ 0.021) 0.45 ng/ul

response 718

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	65.00	61.00
268.00	66.30	64.48
0.00	0.00	0.00

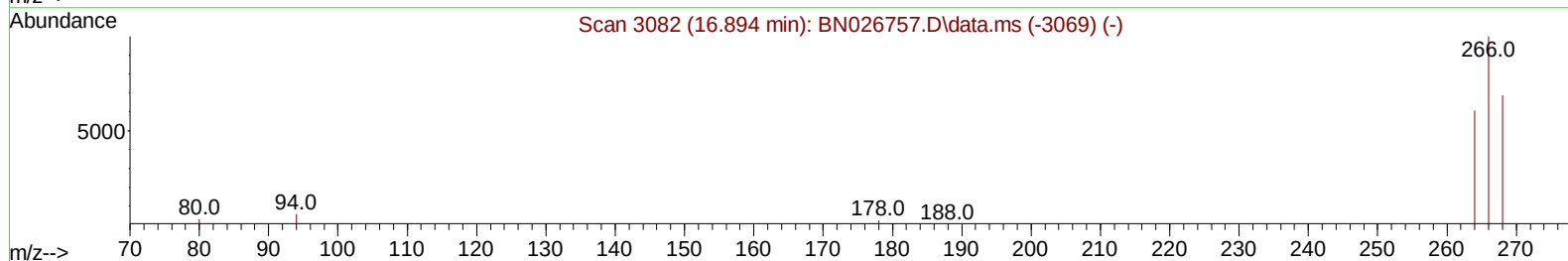
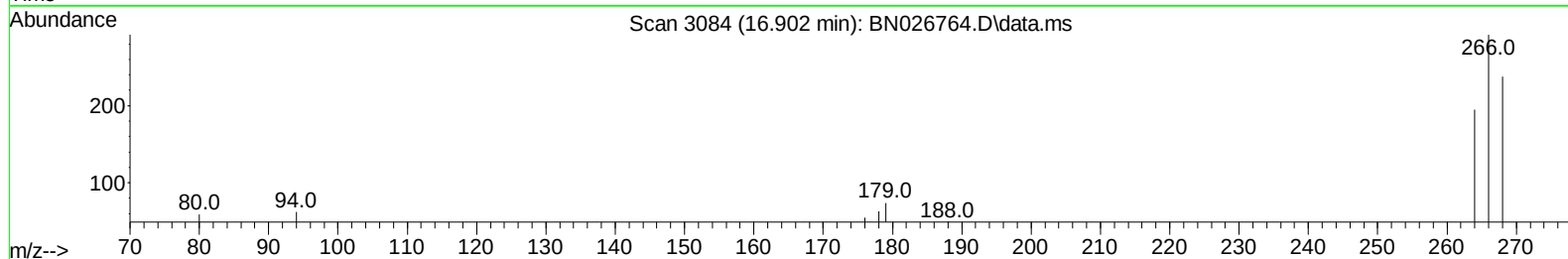
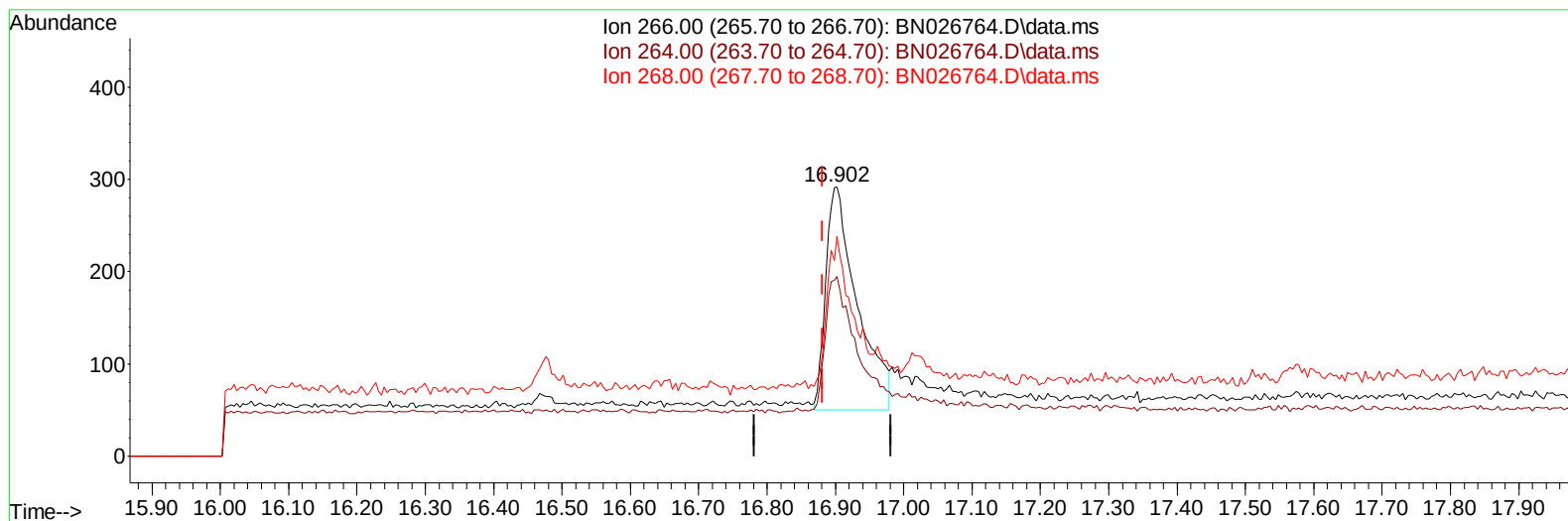
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
Data File : BN026764.D
Acq On : 26 Jul 2023 20:40
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4379

Quant Time: Jul 27 05:05:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023



TIC: BN026764.D\data.ms

(14) Pentachlorophenol

16.902min (+ 0.021) 0.48 ng/ul m

response 776

Ion	Exp%	Act%
266.00	100.00	100.00
264.00	65.00	56.44
268.00	66.30	59.66
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
 Data File : BN026764.D
 Acq On : 26 Jul 2023 20:40
 Operator : MA/JU
 Sample : SSTDCCC0.4EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4379

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/28/2023
 Supervised By :mohammad ahmed 07/28/2023

Quant Time: Jul 27 05:05:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 00:39:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.848	152	1625	0.400	ng/ul	0.02
4) Naphthalene-d8	10.630	136	4583	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.462	164	3137	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	6390	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	7165	0.400	ng/ul	# 0.00
23) Perylene-d12	23.796	264	7589	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.191	96	1024m	0.478	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.236	152	2604	0.418	ng/ul	0.02
18) Fluoranthene-d10	19.250	212	9056	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.224	88	1062	0.524	ng/ul#	87
5) Naphthalene	10.680	128	4819	0.383	ng/ul	94
7) 2-Methylnaphthalene	12.302	142	2881	0.403	ng/ul	100
8) 1-Methylnaphthalene	12.511	142	3320	0.434	ng/ul	98
10) Acenaphthylene	14.189	152	6121	0.398	ng/ul	99
11) Acenaphthene	14.522	153	4601	0.393	ng/ul	99
12) Fluorene	15.522	166	5176	0.422	ng/ul	99
14) Pentachlorophenol	16.902	266	776m	0.481	ng/ul	
15) Phenanthrene	17.261	178	8220	0.404	ng/ul	100
16) Anthracene	17.363	178	7277	0.412	ng/ul	99
19) Fluoranthene	19.278	202	11251	0.335	ng/ul#	91
20) Pyrene	19.645	202	12286	0.337	ng/ul#	90
21) Benzo(a)anthracene	21.405	228	9962	0.378	ng/ul	98
22) Chrysene	21.454	228	11445	0.382	ng/ul	100
24) Benzo(b)fluoranthene	23.073	252	11038	0.373	ng/ul	90
25) Benzo(k)fluoranthene	23.117	252	12782	0.412	ng/ul#	92
26) Benzo(a)pyrene	23.690	252	10179	0.387	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.260	276	11691	0.339	ng/ul#	72
28) Dibenzo(a,h)anthracene	26.270	278	8619	0.326	ng/ul#	91
29) Benzo(g,h,i)perylene	27.008	276	10802	0.355	ng/ul#	87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072623\
Data File : BN026764.D
Acq On : 26 Jul 2023 20:40
Operator : MA/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4379

Manual Integrations
APPROVED

Quant Time: Jul 27 05:05:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 24 00:39:11 2023
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/28/2023
Supervised By :mohammad ahmed 07/28/2023

