

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031915.D
 Acq On : 11 Jun 2024 18:21
 Operator : MA/JU
 Sample : P2642-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BH1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
 Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 11 23:03:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.658	152	307443	20.000	ng/u1	-0.03
20) Naphthalene-d8	10.440	136	1397251	20.000	ng/u1	-0.03
38) Acenaphthene-d10	14.304	164	957169	20.000	ng/u1	-0.02
64) Phenanthrene-d10	17.051	188	2034833	20.000	ng/u1	-0.02
79) Chrysene-d12	21.292	240	1925680	20.000	ng/u1	-0.01
88) Perylene-d12	24.221	264	2016674	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	22957	3.089	ng/uL	-0.02
4) Pyridine-d5	3.581	84	225455	10.777	ng/u1	-0.02
7) Phenol-d5	6.828	99	440700	16.721	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	6.999	67	272147	17.653	ng/u1	-0.03
11) 2-Chlorophenol-d4	7.187	132	355804	17.692	ng/u1	-0.03
15) 4-Methylphenol-d8	8.363	113	376215	17.511	ng/u1	-0.02
21) Nitrobenzene-d5	8.816	128	187550	17.555	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.528	143	193151	17.502	ng/u1	-0.03
28) 2,4-Dichlorophenol-d3	10.063	165	355255	17.243	ng/u1	-0.02
31) 4-Chloroaniline-d4	10.587	131	538034	17.589	ng/u1	-0.02
46) Dimethylphthalate-d6	13.722	166	1259606	18.890	ng/u1	-0.02
49) Acenaphthylene-d8	13.998	160	1390175	18.131	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.522	143	201421	15.086	ng/u1	0.00
60) Fluorene-d10	15.298	176	1086765	19.262	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.428	200	138498	13.541	ng/u1	-0.01
73) Anthracene-d10	17.151	188	1617757	18.570	ng/u1	-0.02
81) Pyrene-d10	19.451	212	1946937	18.894	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.021	264	1863627	19.353	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.098	178	616417	5.947	ng/u1	98
74) Anthracene	17.187	178	109396	1.042	ng/u1	98
80) Fluoranthene	19.116	202	765372	6.215	ng/u1	100
82) Pyrene	19.481	202	684225	5.415	ng/u1	99
85) Benzo(a)anthracene	21.275	228	297042	2.305	ng/u1	99
87) Chrysene	21.333	228	287422	2.387	ng/u1	96
90) Benzo(b)fluoranthene	23.292	252	308122	2.556	ng/u1#	96
91) Benzo(k)fluoranthene	23.357	252	118885m	1.005	ng/u1	
93) Benzo(a)pyrene	24.080	252	228592	2.025	ng/u1#	93
96) Benzo(g,h,i)perylene	28.539	276	105876	1.024	ng/u1	96

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

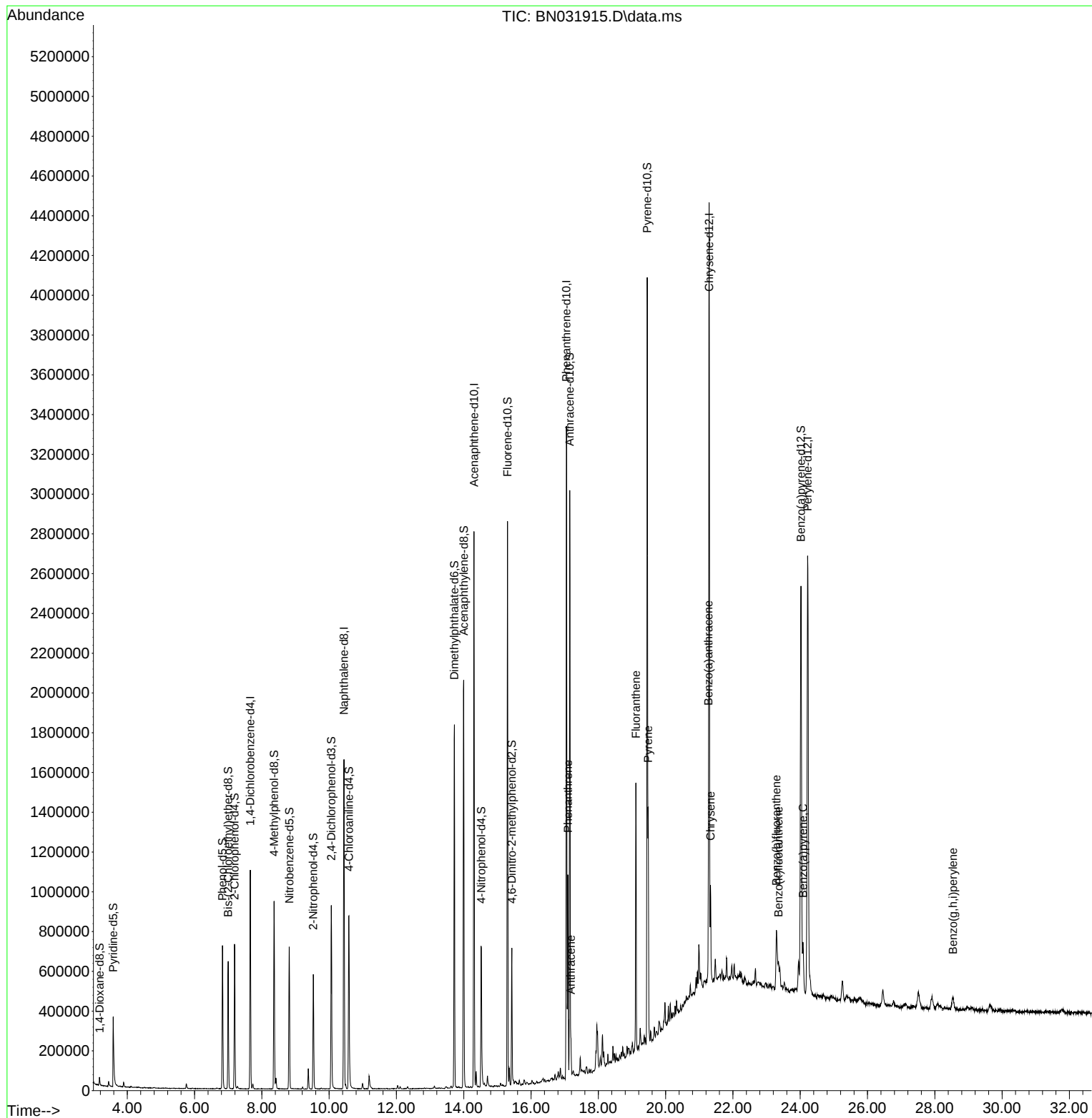
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031915.D
Acq On : 11 Jun 2024 18:21
Operator : MA/JU
Sample : P2642-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

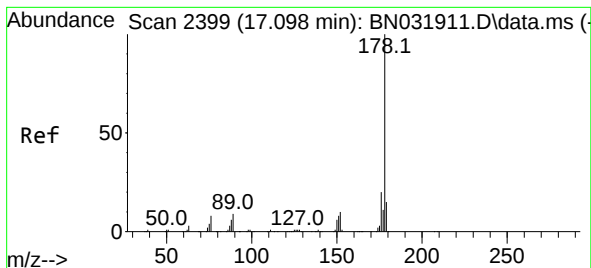
Instrument :
BNA_N
ClientSampleId :
A4BH1

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.947 ng/ul

RT: 17.098 min Scan# 21

Delta R.T. -0.018 min

Lab File: BN031915.D

Acq: 11 Jun 2024 18:21

Instrument :

BNA_N

ClientSampleId :

A4BH1

Tgt Ion:178 Resp: 61641

Ion Ratio Lower Upper

178 100

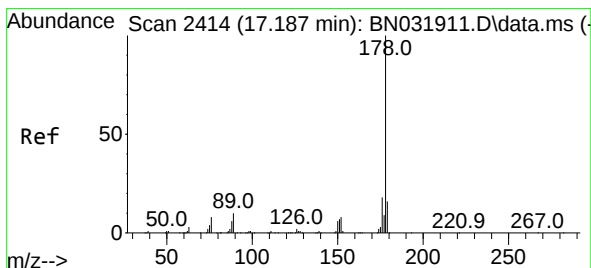
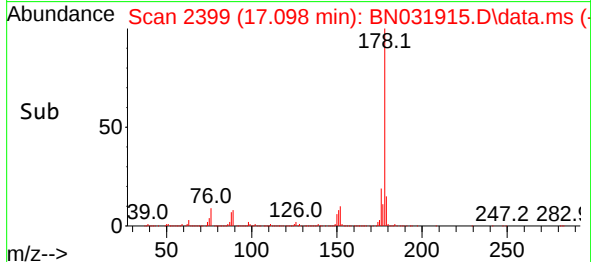
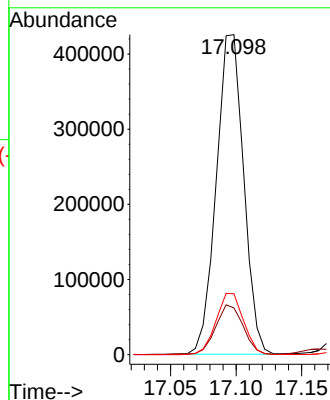
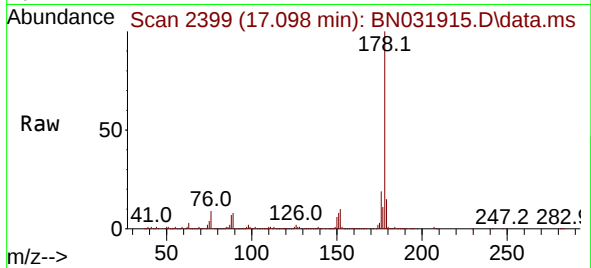
179 14.6 12.6 19.0

176 19.1 15.8 23.6

Manual Integrations

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#74

Anthracene

Concen: 1.042 ng/ul

RT: 17.187 min Scan# 2414

Delta R.T. -0.018 min

Lab File: BN031915.D

Acq: 11 Jun 2024 18:21

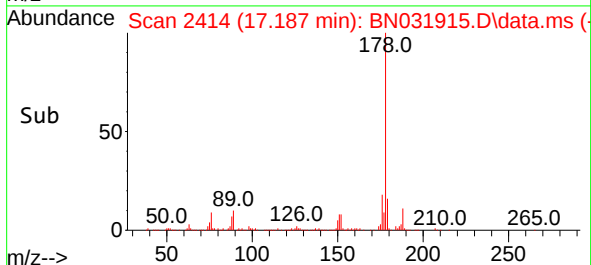
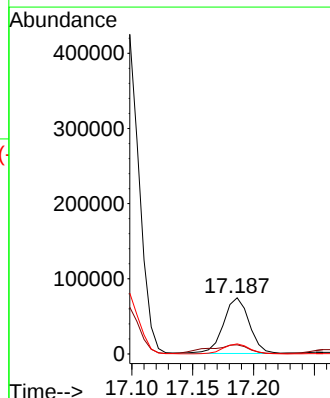
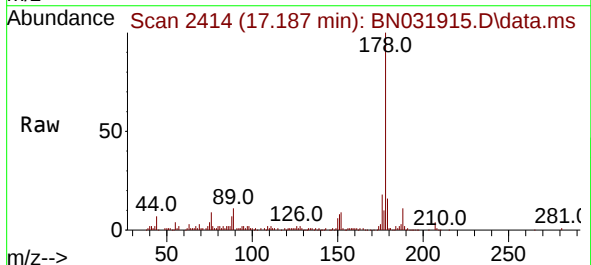
Tgt Ion:178 Resp: 109396

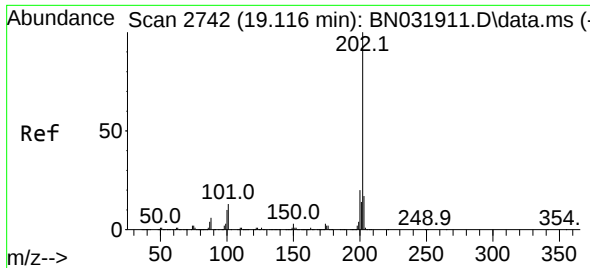
Ion Ratio Lower Upper

178 100

179 16.2 11.8 17.6

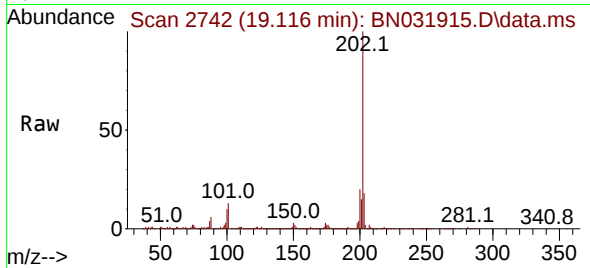
176 18.0 14.8 22.2





#80
Fluoranthene
Concen: 6.215 ng/ul
RT: 19.116 min Scan# 2742
Delta R.T. -0.018 min
Lab File: BN031915.D
Acq: 11 Jun 2024 18:21

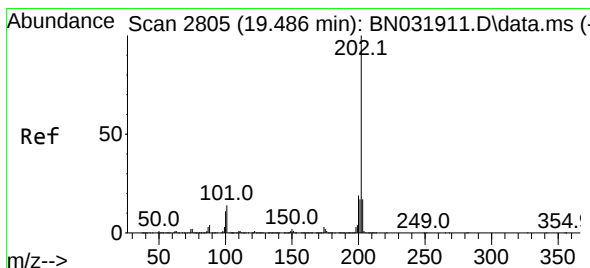
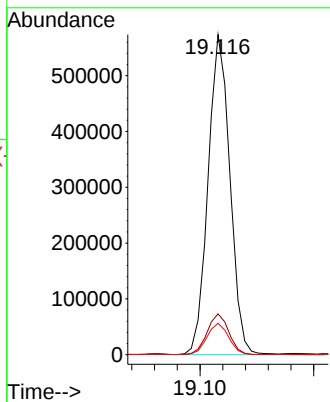
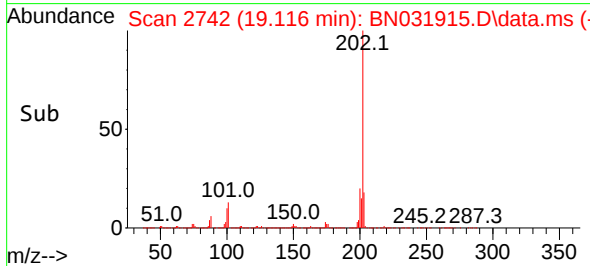
Instrument :
BNA_N
ClientSampleId :
A4BH1



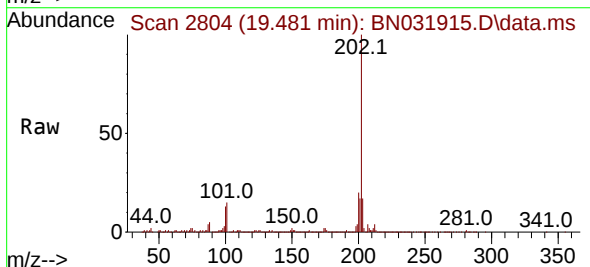
Tgt Ion:202 Resp: 765372
Ion Ratio Lower Upper
202 100
101 12.7 10.3 15.5
100 9.8 8.0 12.0

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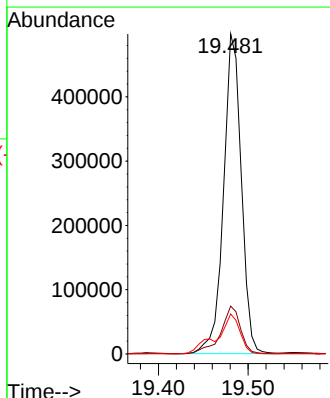
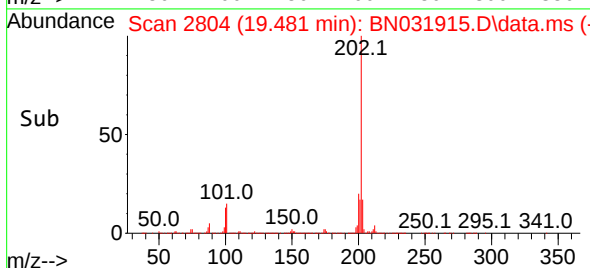
Reviewed By :Jagrut Upadhyay 06/12/2024
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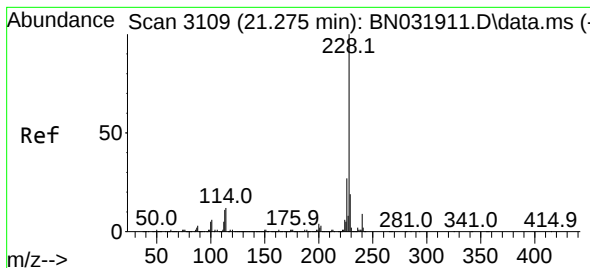


#82
Pyrene
Concen: 5.415 ng/ul
RT: 19.481 min Scan# 2804
Delta R.T. -0.012 min
Lab File: BN031915.D
Acq: 11 Jun 2024 18:21



Tgt Ion:202 Resp: 684225
Ion Ratio Lower Upper
202 100
101 14.9 12.6 18.8
100 12.5 10.2 15.2





#85

Benzo(a)anthracene

Concen: 2.305 ng/u1

RT: 21.275 min Scan# 3109

Delta R.T. -0.012 min

Lab File: BN031915.D

Acq: 11 Jun 2024 18:21

Instrument :

BNA_N

ClientSampleId :

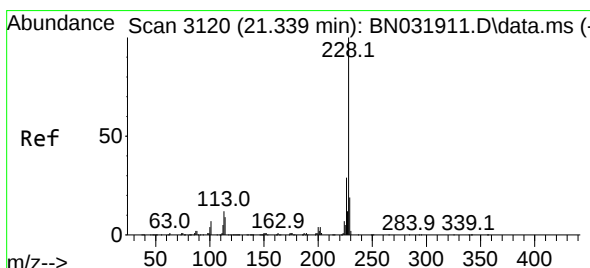
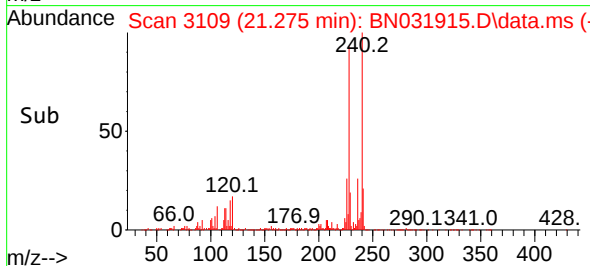
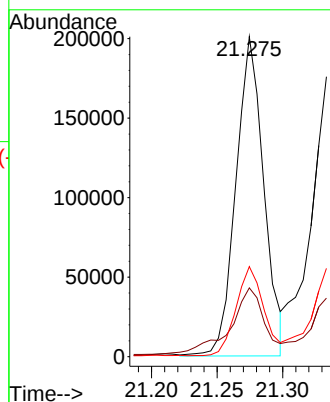
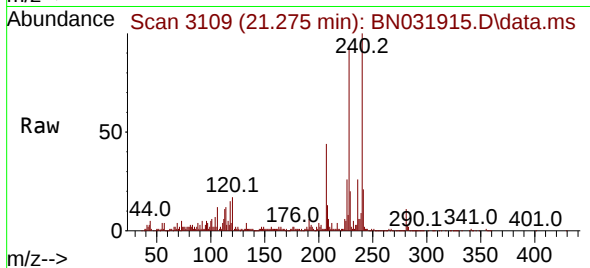
A4BH1

Tgt Ion:228 Resp: 297042
 Ion Ratio Lower Upper
 228 100
 229 21.5 16.7 25.1
 226 28.1 22.8 34.2

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#87

Chrysene

Concen: 2.387 ng/u1

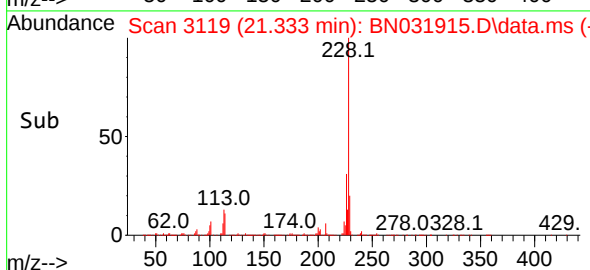
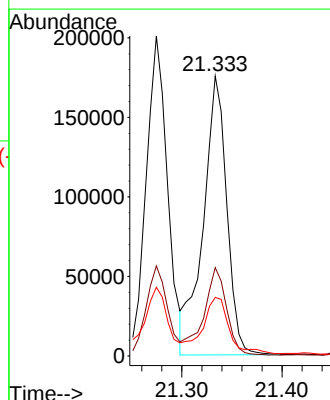
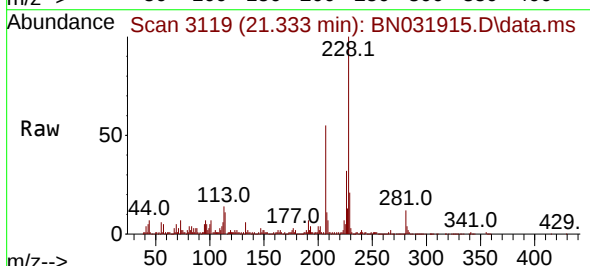
RT: 21.333 min Scan# 3119

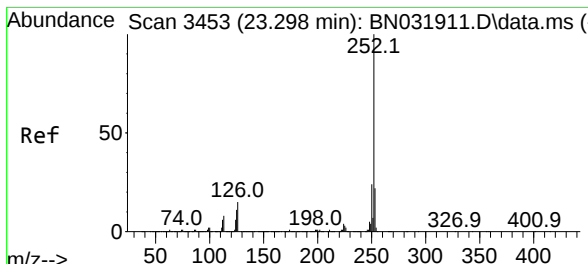
Delta R.T. -0.018 min

Lab File: BN031915.D

Acq: 11 Jun 2024 18:21

Tgt Ion:228 Resp: 287422
 Ion Ratio Lower Upper
 228 100
 226 31.5 23.7 35.5
 229 20.9 15.1 22.7





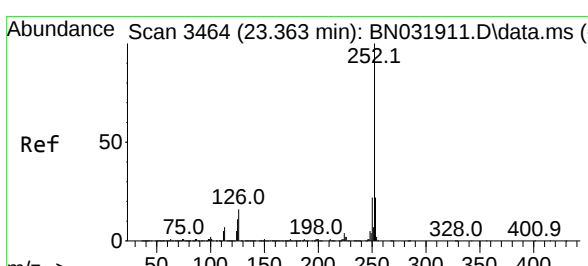
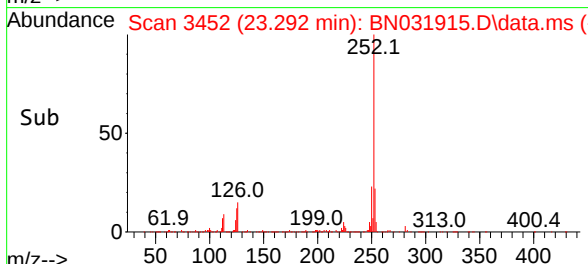
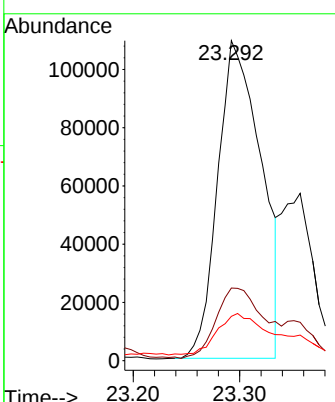
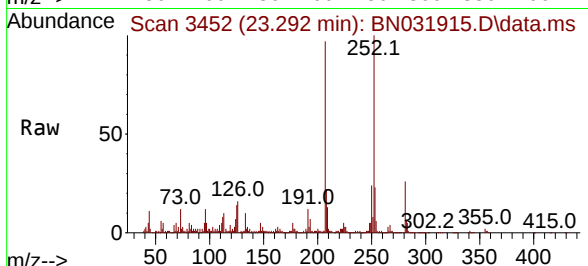
#90
 Benzo(b)fluoranthene
 Concen: 2.556 ng/ul
 RT: 23.292 min Scan# 3452
 Delta R.T. -0.018 min
 Lab File: BN031915.D
 Acq: 11 Jun 2024 18:21

Instrument : BNA_N
 ClientSampleId : A4BH1

Tgt Ion:252 Resp: 30812

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	13.9	9.2	13.8

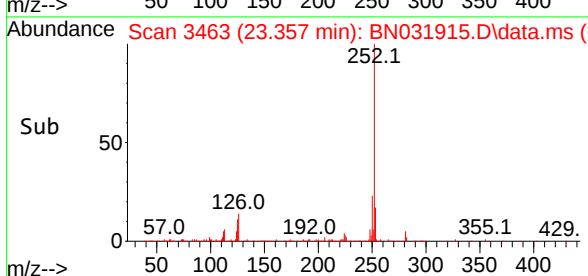
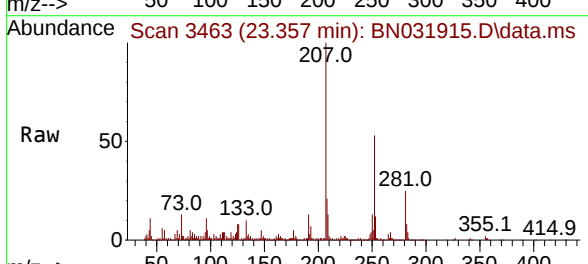
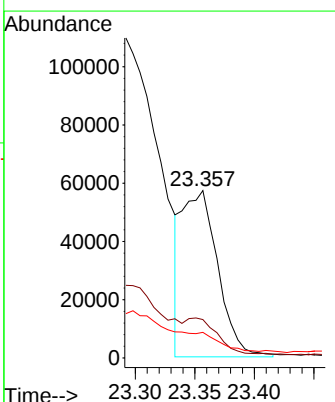
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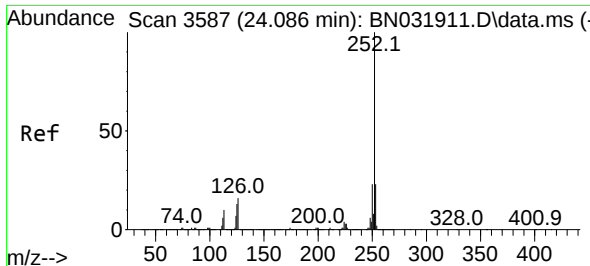


#91
 Benzo(k)fluoranthene
 Concen: 1.005 ng/ul m
 RT: 23.357 min Scan# 3463
 Delta R.T. -0.018 min
 Lab File: BN031915.D
 Acq: 11 Jun 2024 18:21

Tgt Ion:252 Resp: 118885

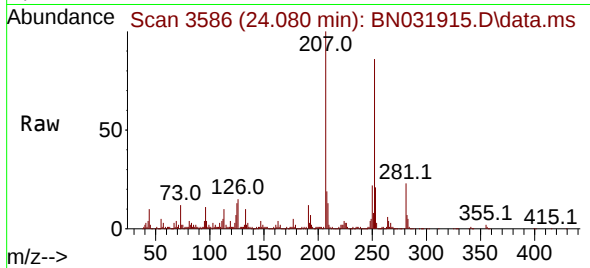
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	15.3	9.4	14.2





#93
Benzo(a)pyrene
Concen: 2.025 ng/ul
RT: 24.080 min Scan# 31
Delta R.T. -0.024 min
Lab File: BN031915.D
Acq: 11 Jun 2024 18:21

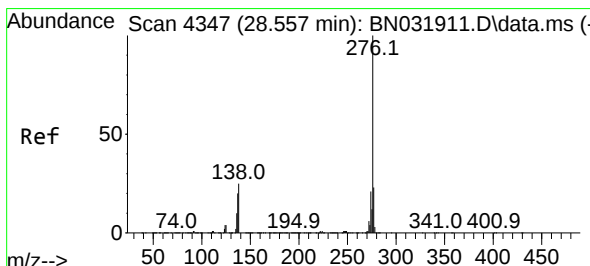
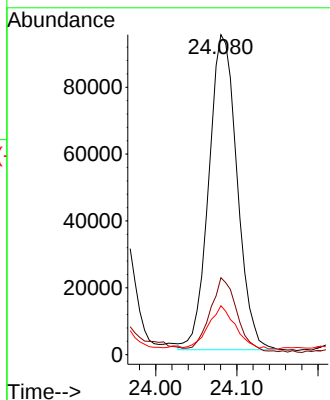
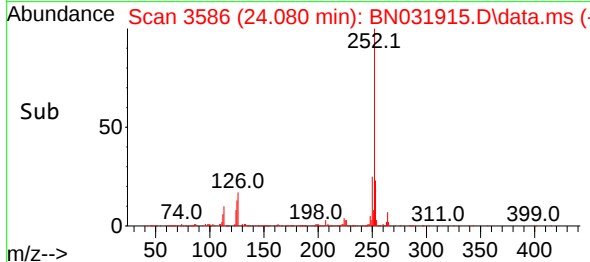
Instrument :
BNA_N
ClientSampleId :
A4BH1



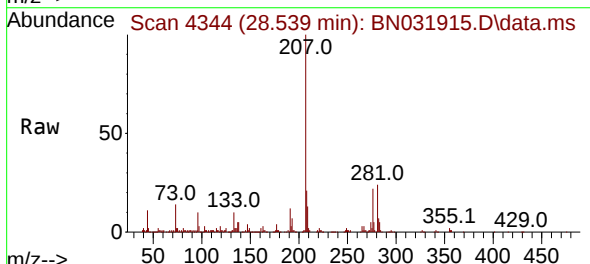
Tgt Ion:252 Resp: 228592
Ion Ratio Lower Upper
252 100
253 24.0 16.6 24.8
125 15.3 9.8 14.8

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#96
Benzo(g,h,i)perylene
Concen: 1.024 ng/ul
RT: 28.539 min Scan# 4344
Delta R.T. -0.029 min
Lab File: BN031915.D
Acq: 11 Jun 2024 18:21



Tgt Ion:276 Resp: 105876
Ion Ratio Lower Upper
276 100
138 23.5 20.9 31.3
277 23.6 18.0 27.0

