

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032891.D
 Acq On : 22 Jul 2024 13:46
 Operator : MA/JU
 Sample : P3215-09MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D23MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/23/2024
 Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 22 14:16:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3718	0.400	ng/ul	0.00
4) Naphthalene-d8	10.299	136	11604	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	5888	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	11117	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.156	240	10212	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	12736	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	1712	0.383	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4101	0.234	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7695	0.231	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	4748	0.934	ng/ul	89
5) Naphthalene	10.349	128	9290	0.298	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	5132	0.264	ng/ul	98
8) 1-Methylnaphthalene	12.197	142	4918	0.244	ng/ul	99
10) Acenaphthylene	13.901	152	9409	0.396	ng/ul	98
11) Acenaphthene	14.244	153	5309	0.270	ng/ul	99
12) Fluorene	15.243	166	5693	0.253	ng/ul	99
14) Pentachlorophenol	16.623	266	1264	0.648	ng/ul	97
15) Phenanthrene	16.982	178	24409	0.806	ng/ul	100
16) Anthracene	17.079	178	11701	0.473	ng/ul	98
19) Fluoranthene	19.013	202	61208	1.474	ng/ul	99
20) Pyrene	19.380	202	57080	1.328	ng/ul	98
21) Benzo(a)anthracene	21.141	228	34000	1.046	ng/ul	97
22) Chrysene	21.191	228	37868	0.805	ng/ul	97
24) Benzo(b)fluoranthene	22.693	252	52549m	1.169	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	25595m	0.467	ng/ul	
26) Benzo(a)pyrene	23.254	252	35833	0.921	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	25.552	276	34684	0.659	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.552	278	14263	0.349	ng/ul#	88
29) Benzo(g,h,i)perylene	26.226	276	32638	0.742	ng/ul	98

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

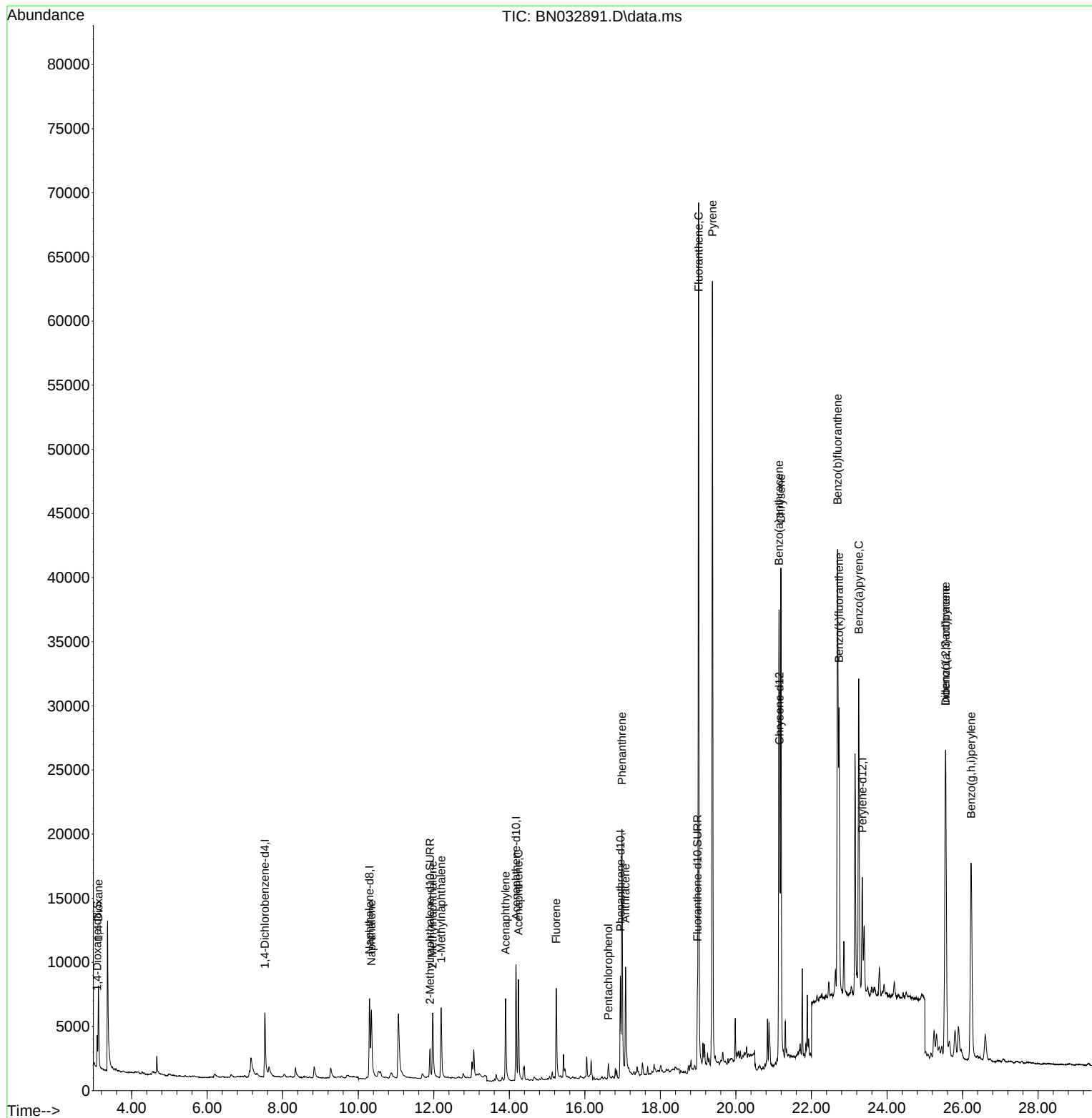
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032891.D
Acq On : 22 Jul 2024 13:46
Operator : MA/JU
Sample : P3215-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

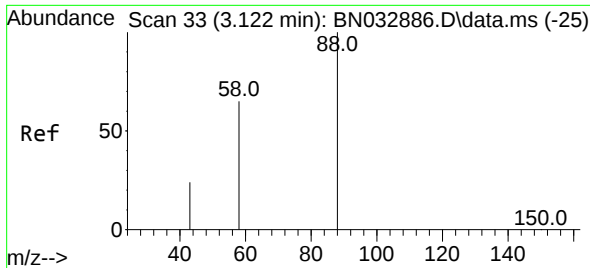
Instrument :
BNA_N
ClientSampleId :
A4D23MS

Manual Integrations
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

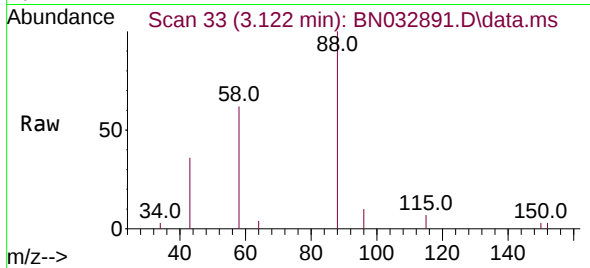
Quant Time: Jul 22 14:16:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.934 ng/ul
RT: 3.122 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

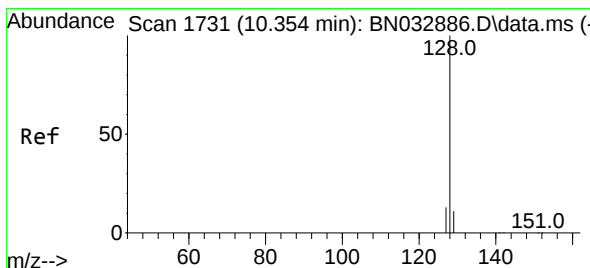
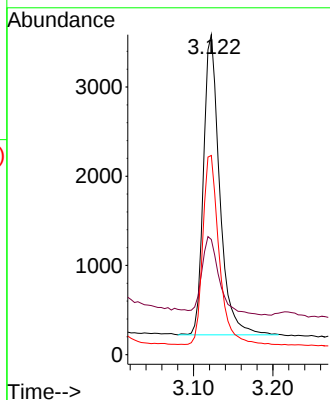
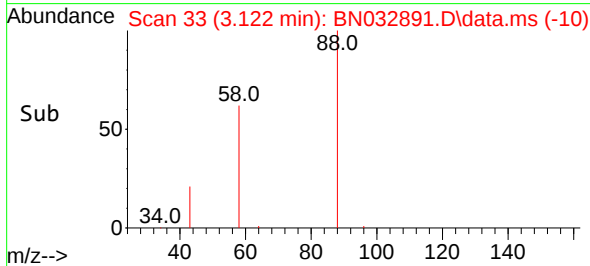
Instrument :
BNA_N
ClientSampleId :
A4D23MS



Tgt Ion: 88 Resp: 4748
Ion Ratio Lower Upper
88 100
43 36.0 24.0 36.0
58 62.2 43.3 64.9

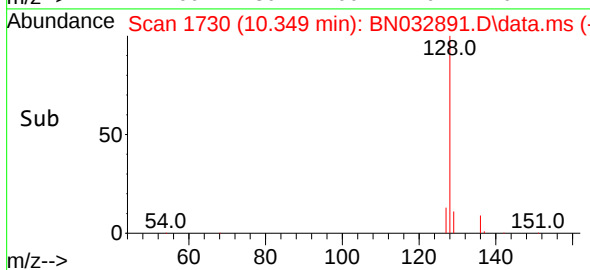
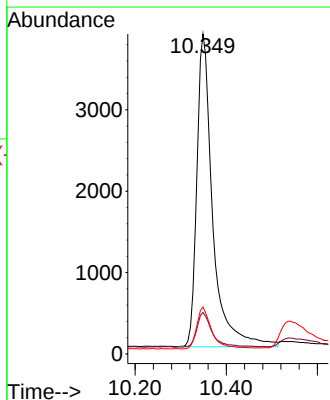
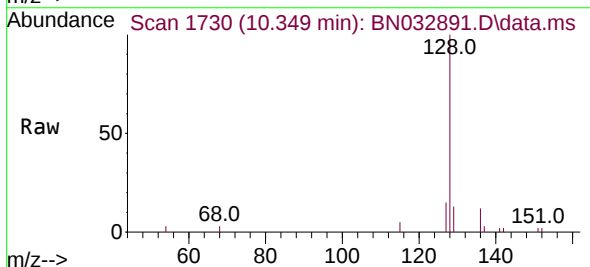
Manual Integrations
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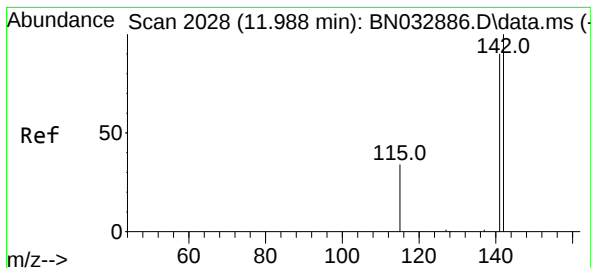
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#5
Naphthalene
Concen: 0.298 ng/ul
RT: 10.349 min Scan# 1730
Delta R.T. -0.015 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

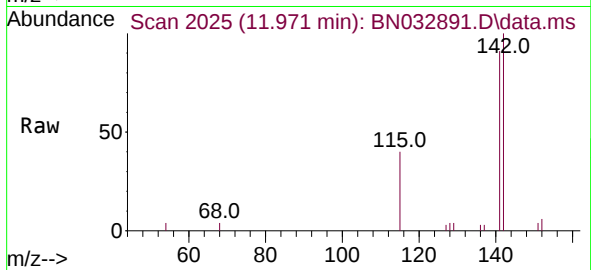
Tgt Ion:128 Resp: 9290
Ion Ratio Lower Upper
128 100
129 12.9 10.0 15.0
127 14.7 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

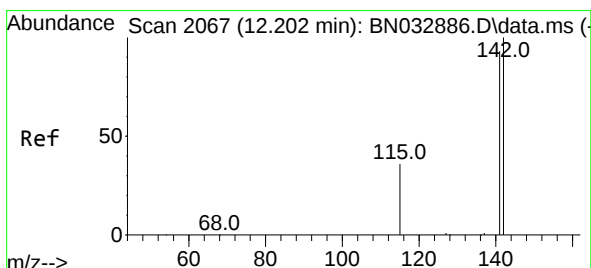
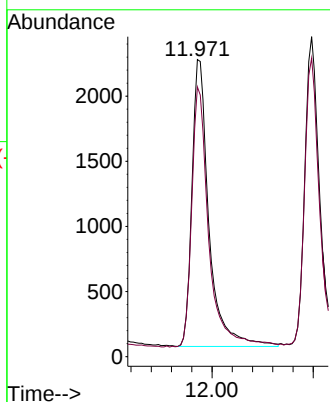
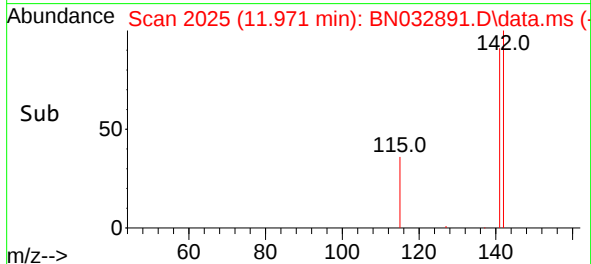
Instrument :
BNA_N
ClientSampleId :
A4D23MS



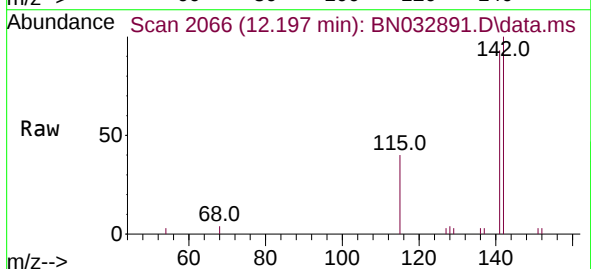
Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
141 90.6 74.0 111.0

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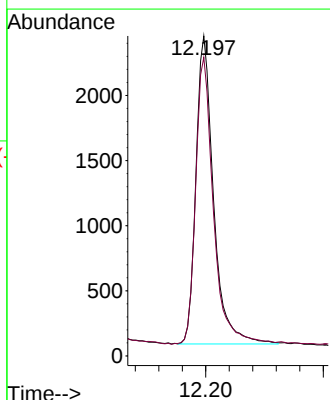
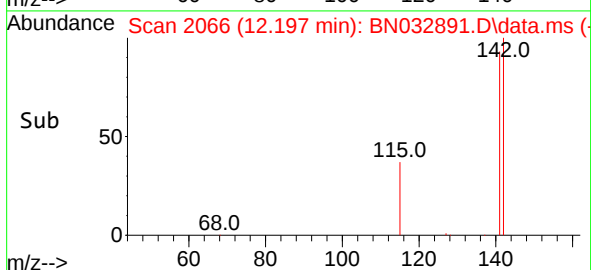
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

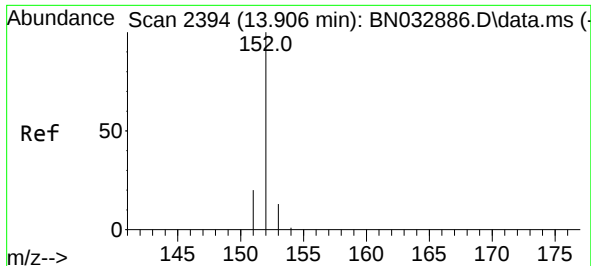


#8
1-Methylnaphthalene
Concen: 0.244 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



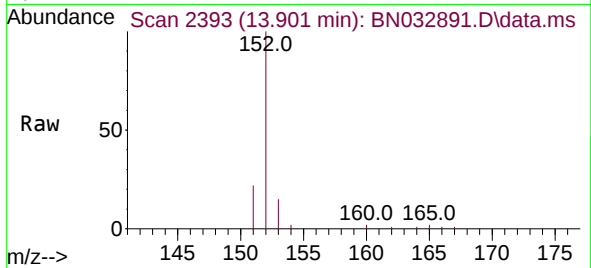
Tgt Ion:142 Resp: 4918
Ion Ratio Lower Upper
142 100
141 94.4 75.0 112.4





#10
Acenaphthylene
Concen: 0.396 ng/ul
RT: 13.901 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

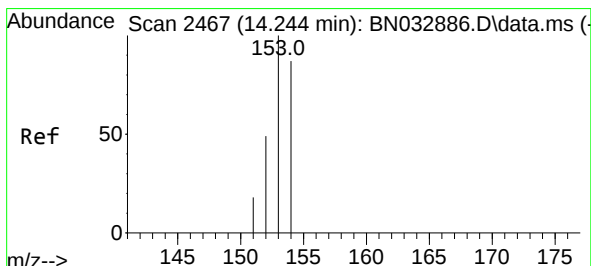
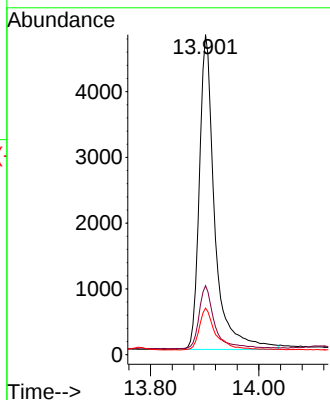
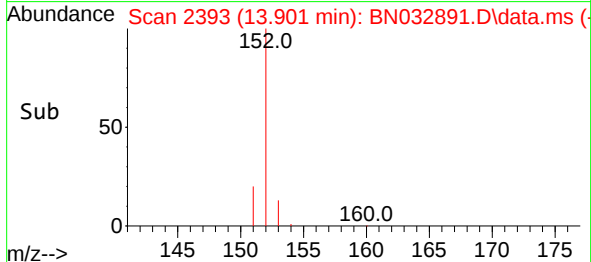
Instrument :
BNA_N
ClientSampleId :
A4D23MS



Tgt Ion:152 Resp: 9409
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 14.5 11.3 16.9

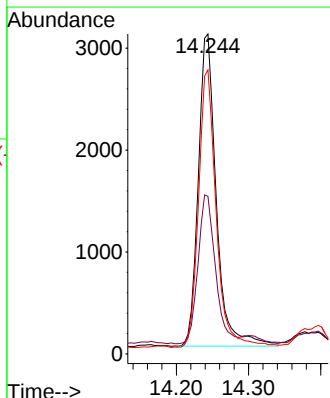
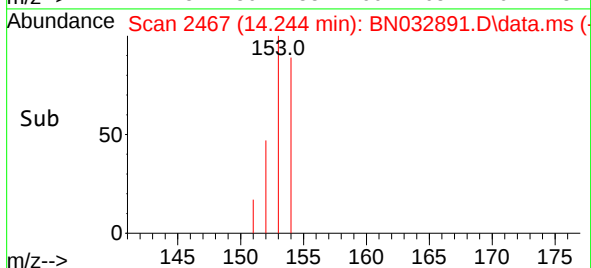
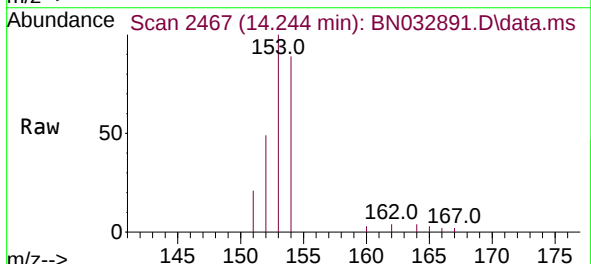
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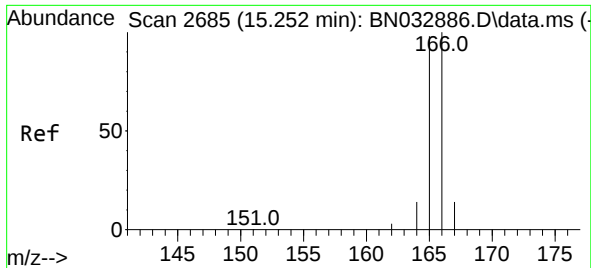
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#11
Acenaphthene
Concen: 0.270 ng/ul
RT: 14.244 min Scan# 2467
Delta R.T. -0.008 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

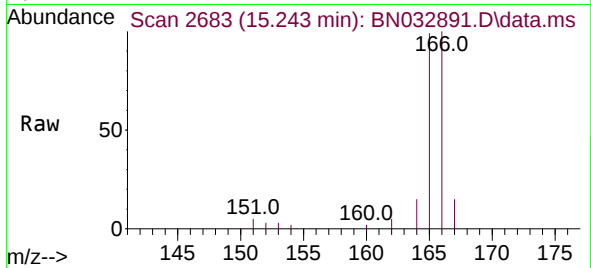
Tgt Ion:153 Resp: 5309
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 88.8 70.2 105.4





#12
Fluorene
Concen: 0.253 ng/ul
RT: 15.243 min Scan# 2090
Delta R.T. -0.017 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

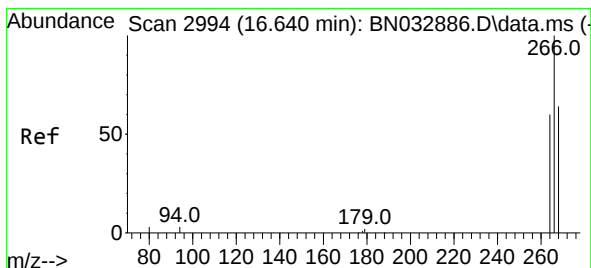
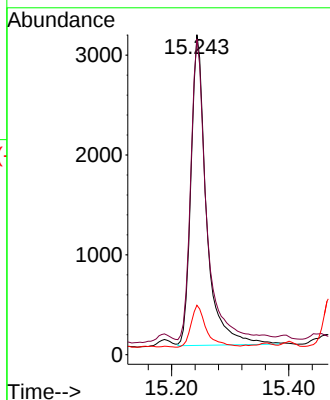
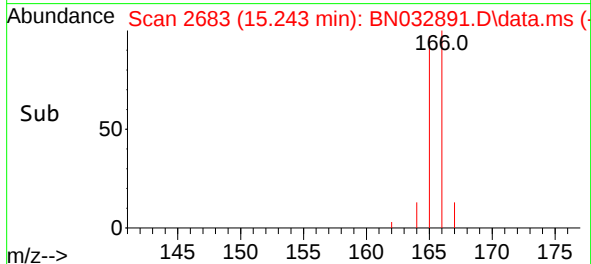
Instrument :
BNA_N
ClientSampleId :
A4D23MS



Tgt Ion:166 Resp: 569
Ion Ratio Lower Upper
166 100
165 98.7 79.7 119.5
167 15.5 11.4 17.2

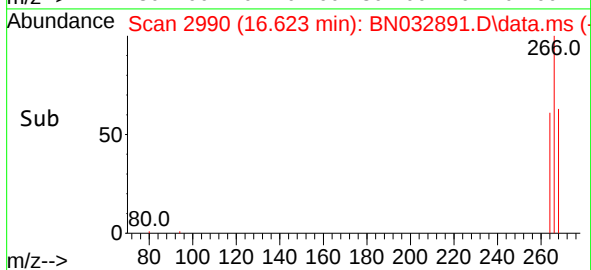
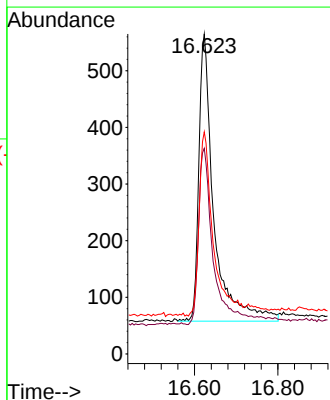
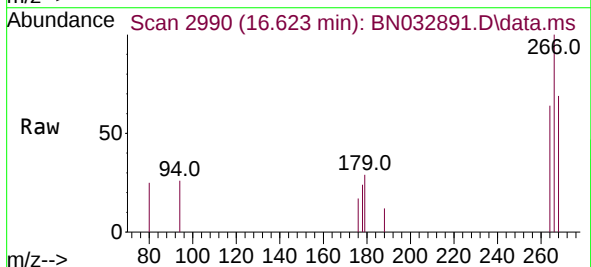
Manual Integrations
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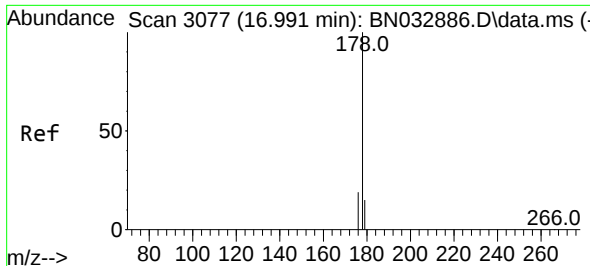
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#14
Pentachlorophenol
Concen: 0.648 ng/ul
RT: 16.623 min Scan# 2990
Delta R.T. -0.020 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

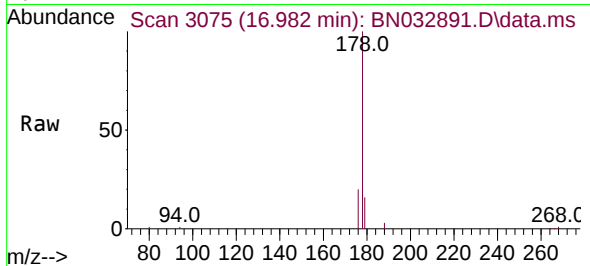
Tgt Ion:266 Resp: 1264
Ion Ratio Lower Upper
266 100
264 63.3 49.4 74.2
268 60.7 51.6 77.4





#15
Phenanthrene
Concen: 0.806 ng/u1
RT: 16.982 min Scan# 3075
Delta R.T. -0.020 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

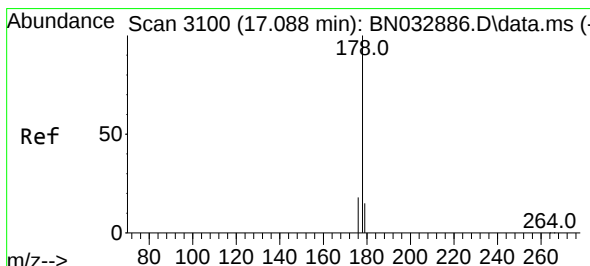
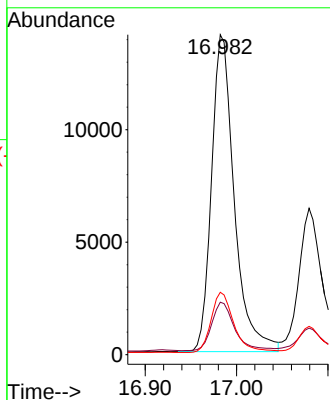
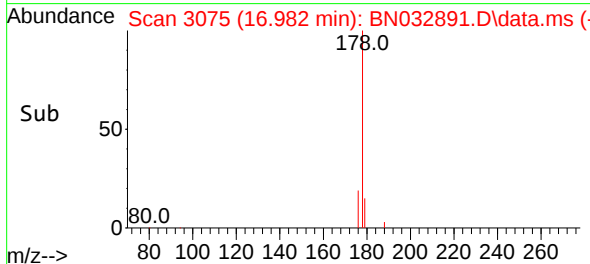
Instrument :
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A4D23MS



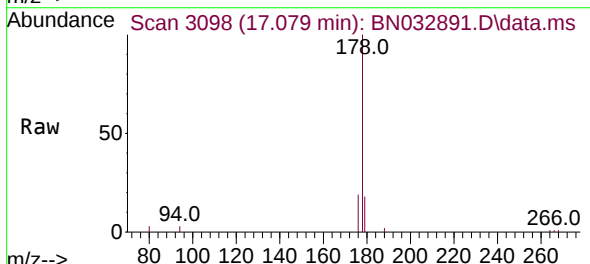
Tgt Ion:178 Resp: 24409
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.4
176 19.5 15.6 23.4

Manual Integrations
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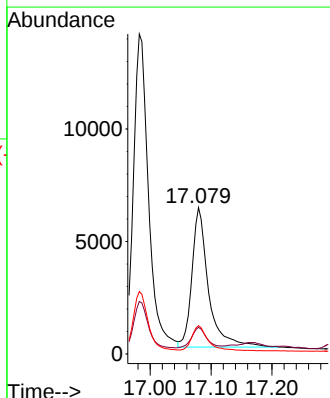
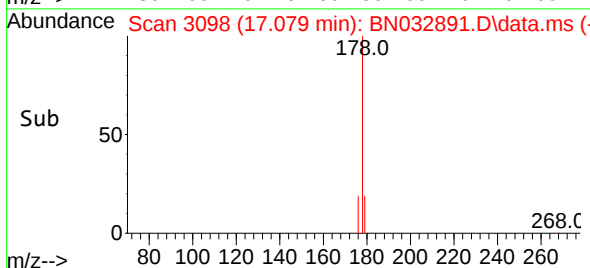
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

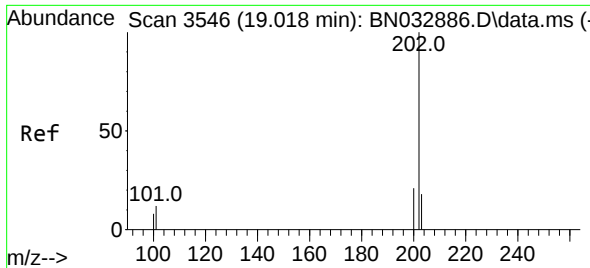


#16
Anthracene
Concen: 0.473 ng/u1
RT: 17.079 min Scan# 3098
Delta R.T. -0.020 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



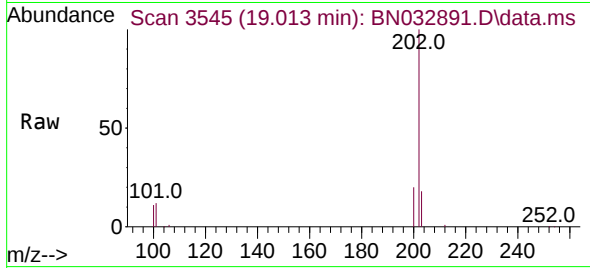
Tgt Ion:178 Resp: 11701
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.2
176 19.4 15.4 23.0





#19
Fluoranthene
Concen: 1.474 ng/ul
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

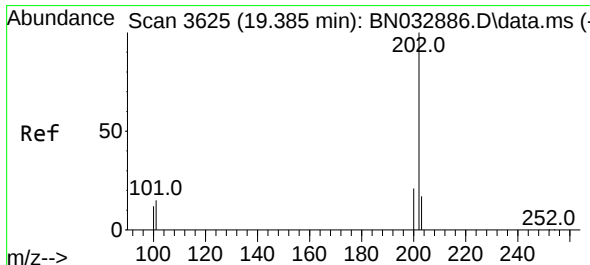
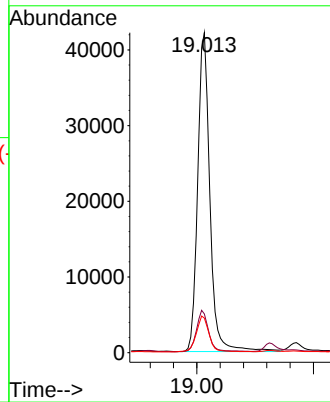
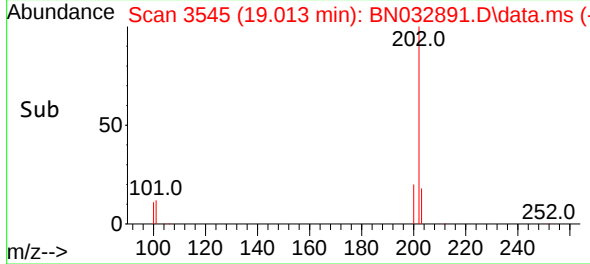
Instrument :
BNA_N
ClientSampleId :
A4D23MS



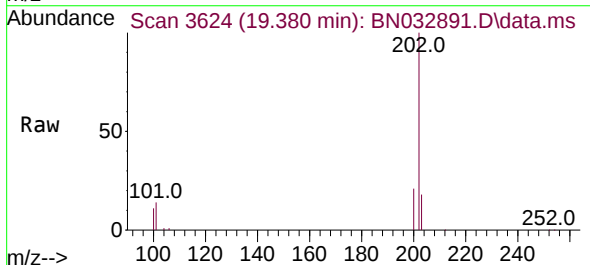
Tgt Ion:202 Resp: 61208
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 10.8 7.9 11.9

Manual Integrations
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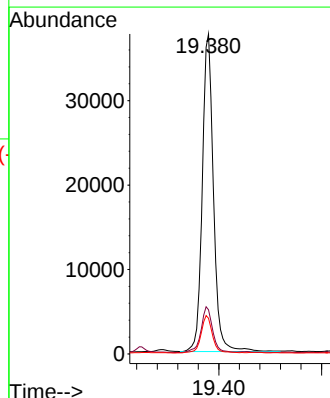
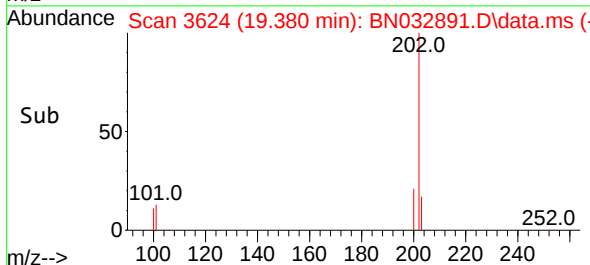
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

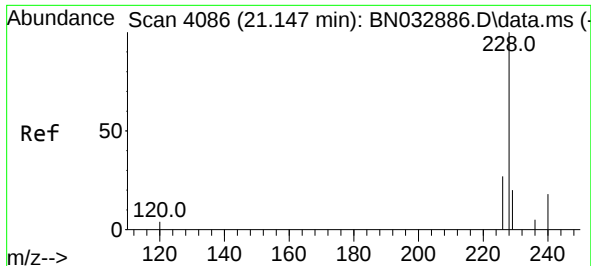


#20
Pyrene
Concen: 1.328 ng/ul
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



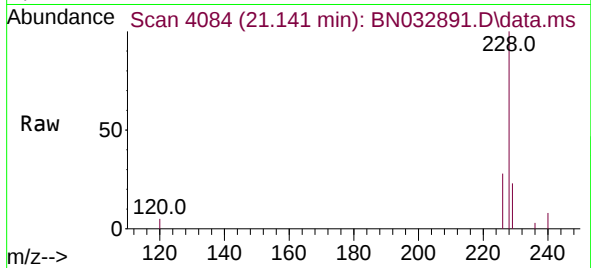
Tgt Ion:202 Resp: 57080
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.046 ng/ul
RT: 21.141 min Scan# 4086
Delta R.T. -0.009 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

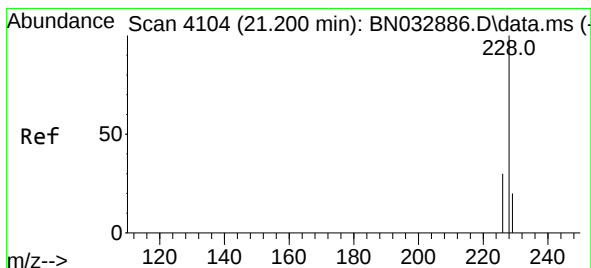
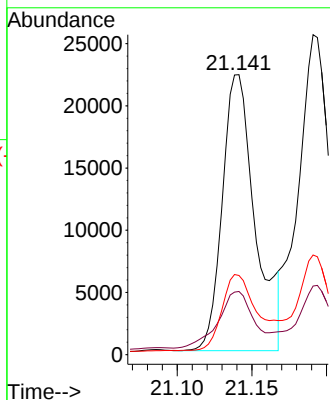
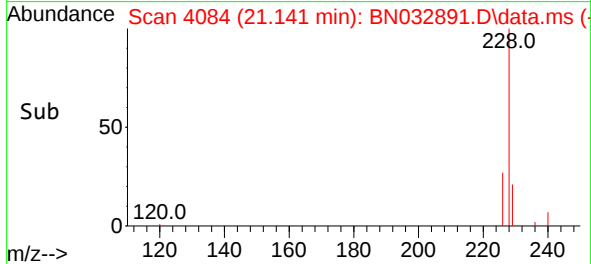
Instrument :
BNA_N
ClientSampleId :
A4D23MS



Tgt Ion:228 Resp: 34000
Ion Ratio Lower Upper
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229 22.6 16.1 24.1
226 28.3 21.9 32.9

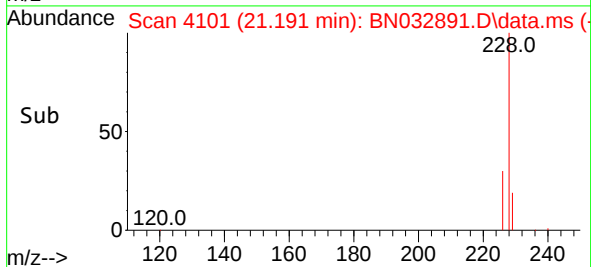
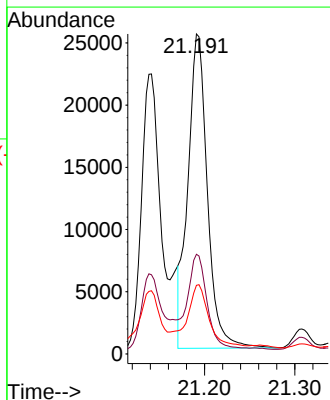
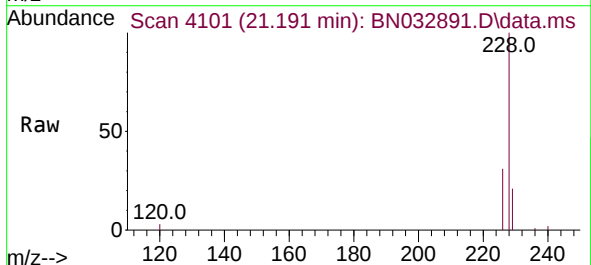
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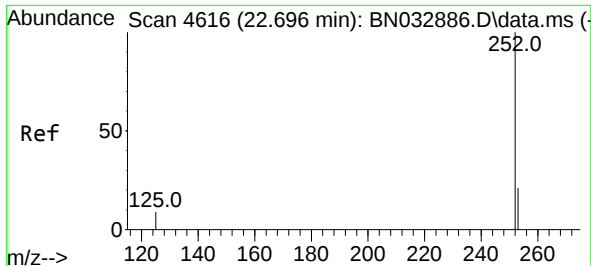
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#22
Chrysene
Concen: 0.805 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

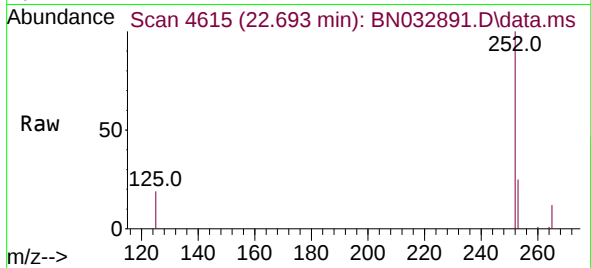
Tgt Ion:228 Resp: 37868
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.169 ng/ul m
RT: 22.693 min Scan# 4616
Delta R.T. -0.006 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

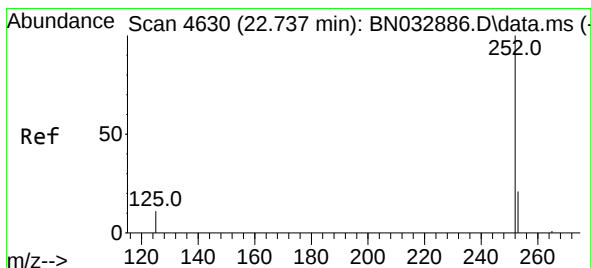
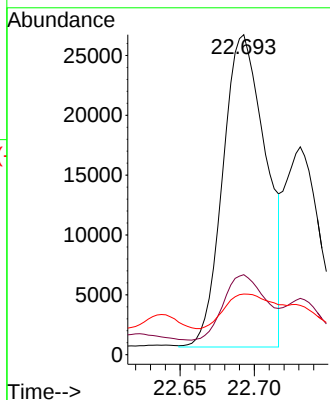
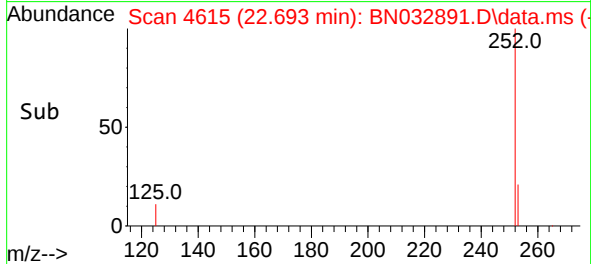
Instrument :
BNA_N
ClientSampleId :
A4D23MS



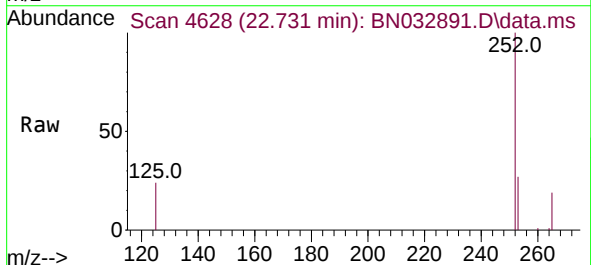
Tgt Ion:252 Resp: 52549
Ion Ratio Lower Upper
252 100
253 25.0 0.0 54.0
125 19.0 0.0 36.0

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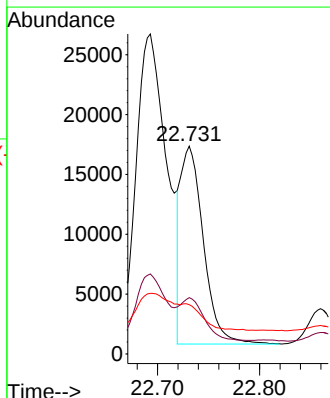
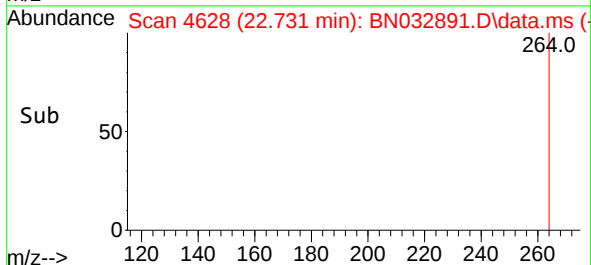
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

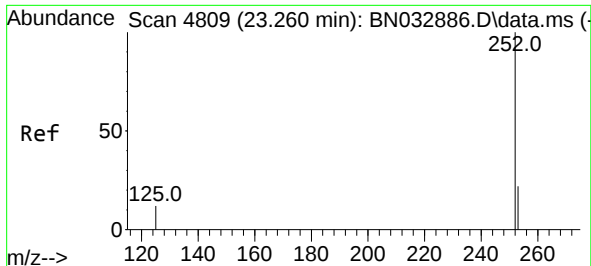


#25
Benzo(k)fluoranthene
Concen: 0.467 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



Tgt Ion:252 Resp: 25595
Ion Ratio Lower Upper
252 100
253 27.1 21.2 31.8
125 23.7 14.8 22.2#





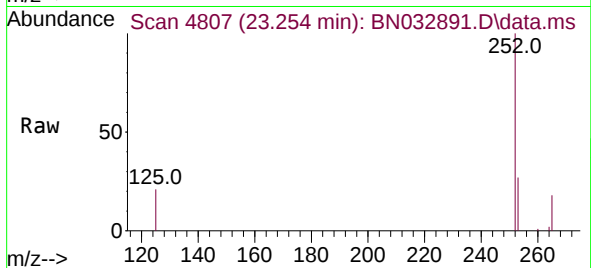
#26
Benzo(a)pyrene
Concen: 0.921 ng/ul
RT: 23.254 min Scan# 4807
Delta R.T. -0.009 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

Instrument :

BNA_N

ClientSampleId :

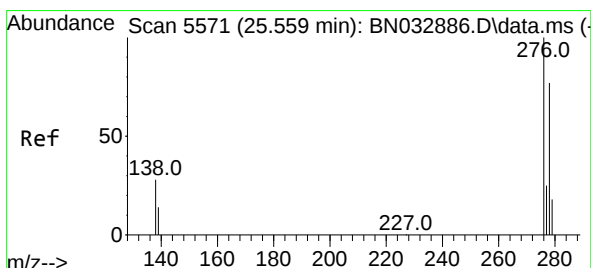
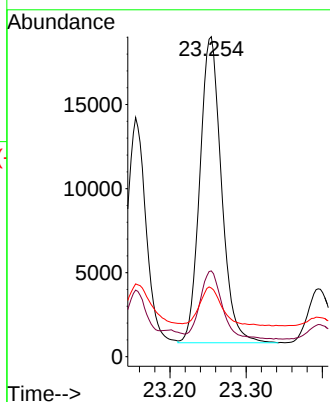
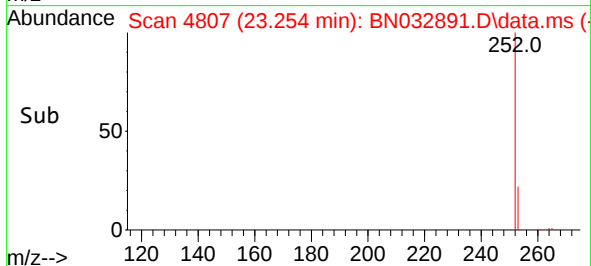
A4D23MS



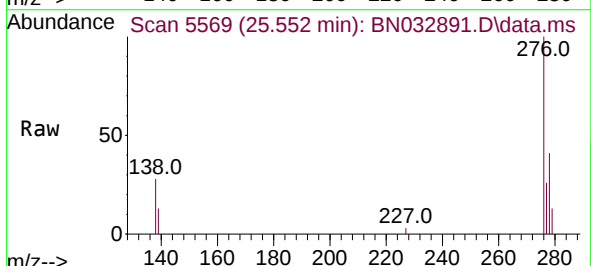
Tgt Ion:252 Resp: 3583
Ion Ratio Lower Upper
252 100
253 26.8 25.4 38.0
125 21.4 20.6 30.8

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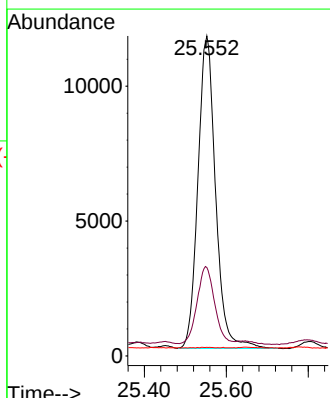
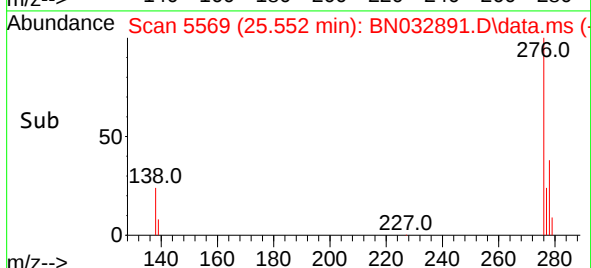
Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

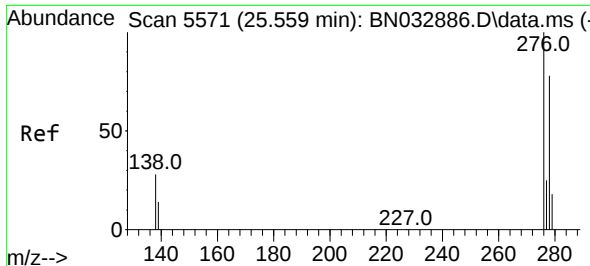


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.659 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



Tgt Ion:276 Resp: 34684
Ion Ratio Lower Upper
276 100
138 26.2 21.6 32.4
227 0.1 0.0 0.0#





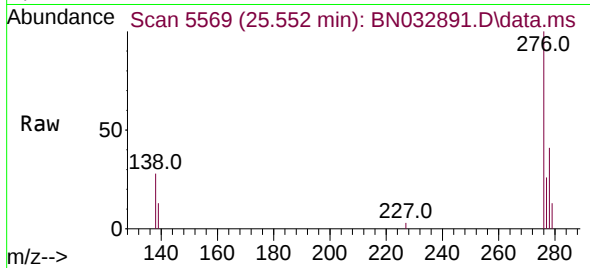
#28
Dibenzo(a,h)anthracene
Concen: 0.349 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46

Instrument :

BNA_N

ClientSampleId :

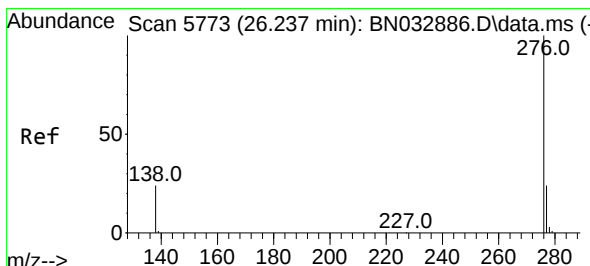
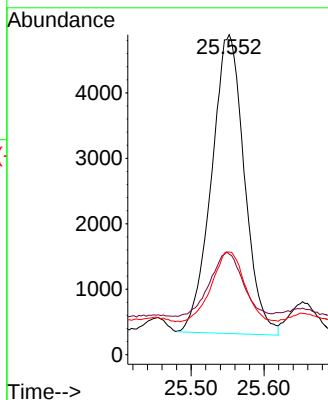
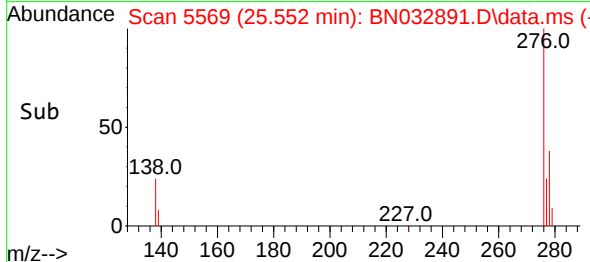
A4D23MS



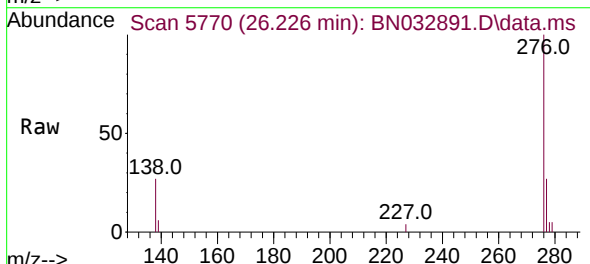
Tgt Ion:278 Resp: 1426
Ion Ratio Lower Upper
278 100
139 31.4 16.6 24.8
279 32.1 23.7 35.5

Manual Integrations
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



#29
Benzo(g,h,i)perylene
Concen: 0.742 ng/ul
RT: 26.226 min Scan# 5770
Delta R.T. -0.024 min
Lab File: BN032891.D
Acq: 22 Jul 2024 13:46



Tgt Ion:276 Resp: 32638
Ion Ratio Lower Upper
276 100
138 27.4 21.0 31.4
277 26.5 20.6 31.0

