

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035169.D
 Acq On : 19 Nov 2024 19:28
 Operator : RC/JU
 Sample : P4817-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHK71MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2024
 Supervised By :mohammad ahmed 11/22/2024

Quant Time: Nov 19 22:47:58 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Nov 18 00:44:37 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3553	0.400	ng/ul	0.00
4) Naphthalene-d8	10.306	136	8936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.185	164	6420	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	14694	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	11903	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	10828	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	998	0.307	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.906	152	3177	0.243	ng/ul	0.00
18) Fluoranthene-d10	18.977	212	10036	0.306	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	2771	0.786	ng/ul	95
5) Naphthalene	10.355	128	4464	0.198	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	3367	0.216	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	3430	0.218	ng/ul	100
10) Acenaphthylene	13.903	152	5574	0.219	ng/ul	99
11) Acenaphthene	14.250	153	4375	0.225	ng/ul	99
12) Fluorene	15.244	166	5486	0.240	ng/ul	99
14) Pentachlorophenol	16.595	266	200	0.058	ng/ul	95
15) Phenanthrene	16.979	178	9830	0.253	ng/ul	99
16) Anthracene	17.072	178	8678	0.241	ng/ul	99
19) Fluoranthene	19.009	202	12144	0.293	ng/ul	99
20) Pyrene	19.372	202	12750	0.296	ng/ul	99
21) Benzo(a)anthracene	21.134	228	10907	0.264	ng/ul	99
22) Chrysene	21.183	228	11005	0.265	ng/ul	100
24) Benzo(b)fluoranthene	22.677	252	10038	0.280	ng/ul	96
25) Benzo(k)fluoranthene	22.717	252	9969m	0.270	ng/ul	
26) Benzo(a)pyrene	23.226	252	8590	0.263	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.477	276	10654	0.241	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.493	278	8212	0.237	ng/ul	97
29) Benzo(g,h,i)perylene	26.134	276	8383	0.241	ng/ul	99

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

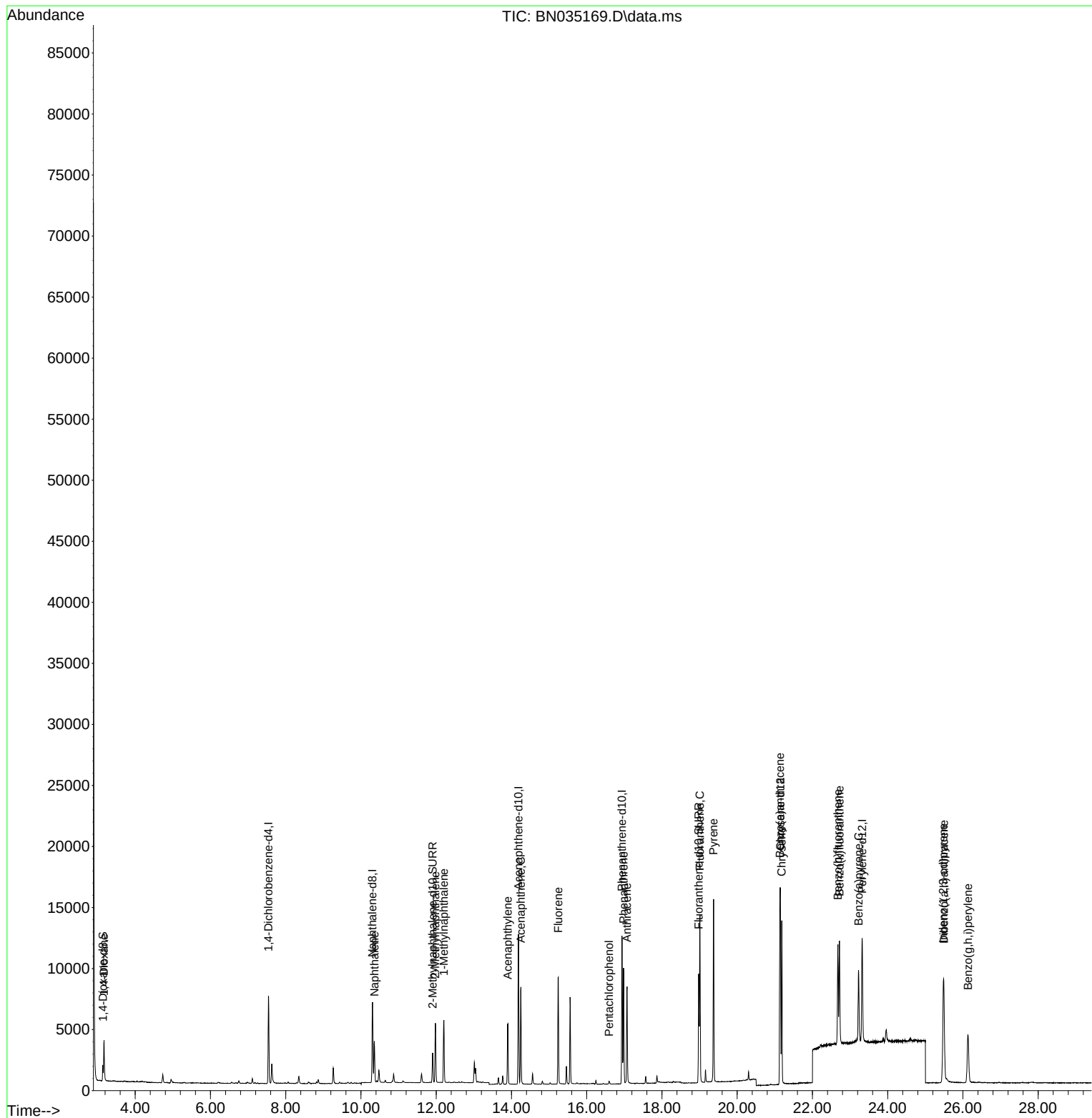
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
Data File : BN035169.D
Acq On : 19 Nov 2024 19:28
Operator : RC/JU
Sample : P4817-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

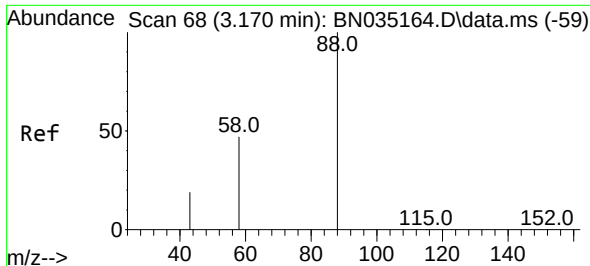
Instrument :
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ClientSampleId :
BHK71MS

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Supervised By :mohammad ahmed 11/22/2024

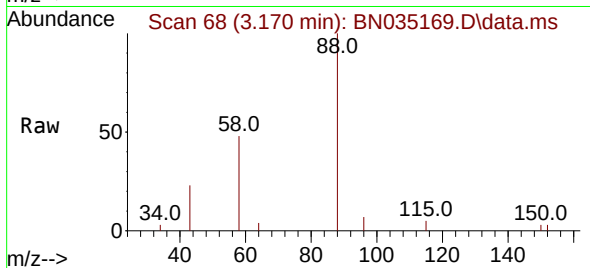
Quant Time: Nov 19 22:47:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 18 00:44:37 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.786 ng/ul
RT: 3.170 min Scan# 68
Delta R.T. -0.004 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

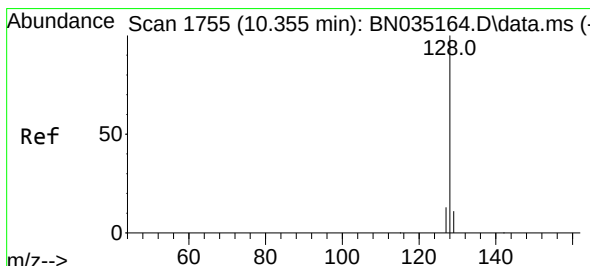
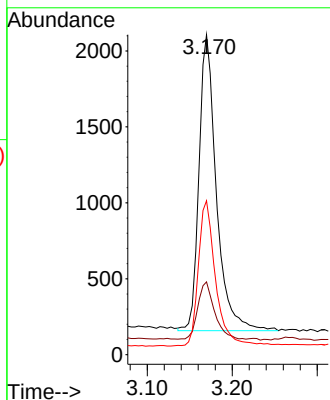
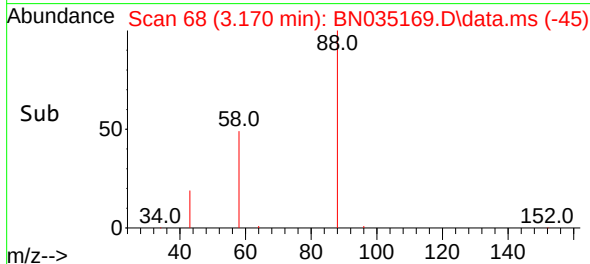
Instrument :
BNA_N
ClientSampleId :
BHK71MS



Tgt Ion: 88 Resp: 277
Ion Ratio Lower Upper
88 100
43 22.8 20.6 31.0
58 48.1 36.2 54.4

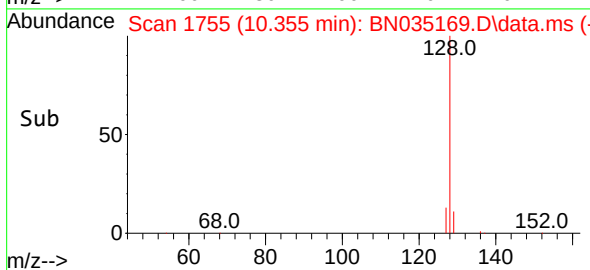
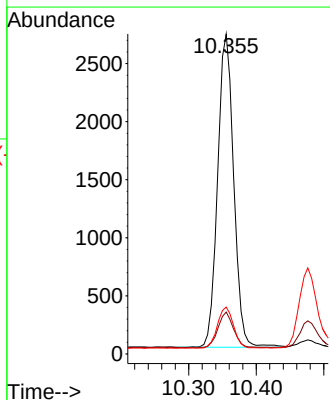
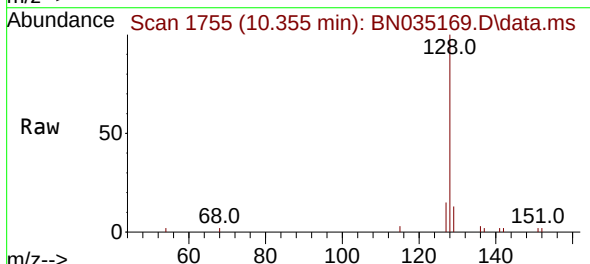
Manual Integrations
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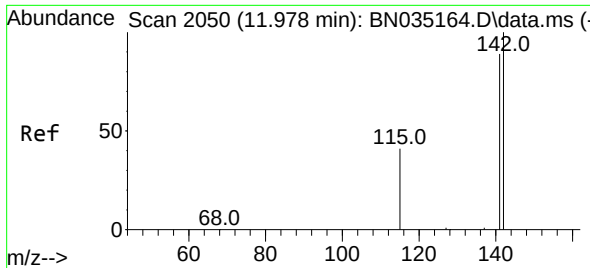
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#5
Naphthalene
Concen: 0.198 ng/ul
RT: 10.355 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

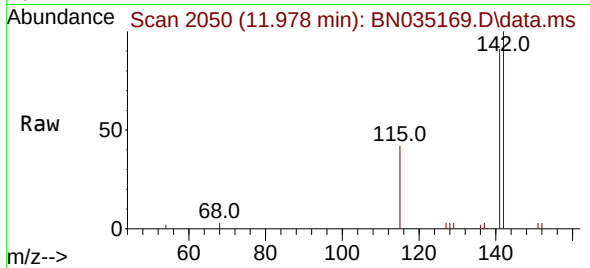
Tgt Ion:128 Resp: 4464
Ion Ratio Lower Upper
128 100
129 13.1 9.9 14.9
127 14.7 11.4 17.2





#7
2-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

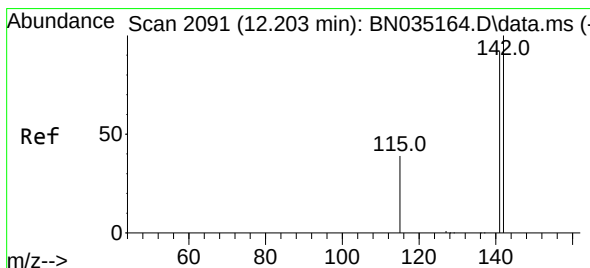
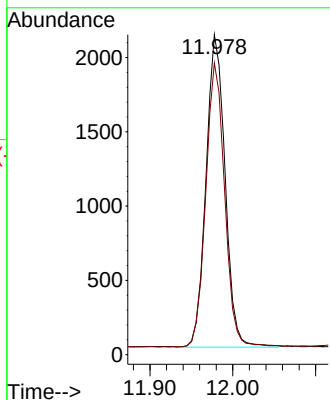
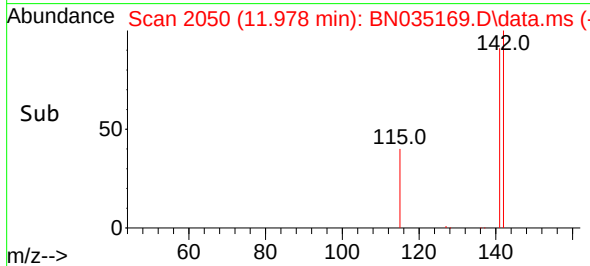
Instrument :
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ClientSampleId :
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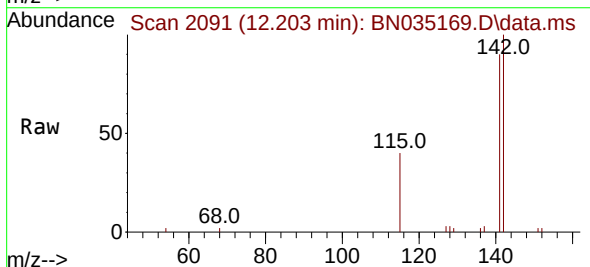
Tgt Ion:142 Resp: 336
Ion Ratio Lower Upper
142 100
141 90.0 70.4 105.6

Manual Integrations
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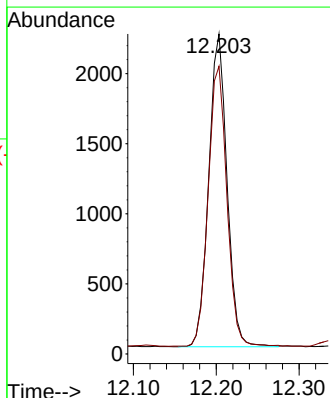
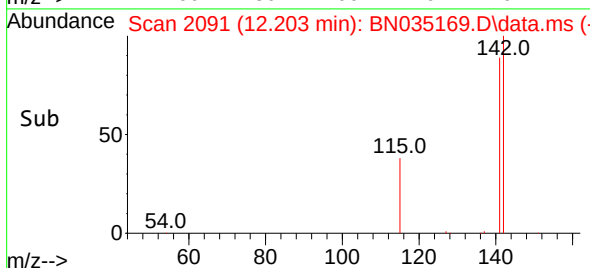
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

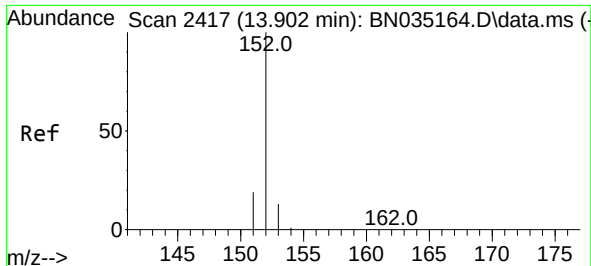


#8
1-Methylnaphthalene
Concen: 0.218 ng/ul
RT: 12.203 min Scan# 2091
Delta R.T. -0.000 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28



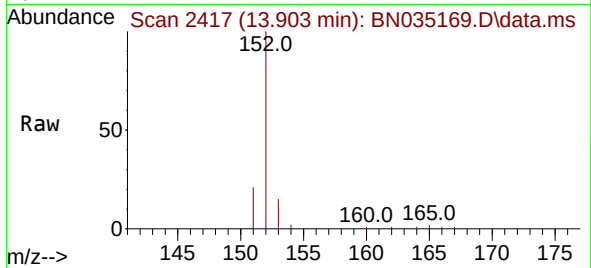
Tgt Ion:142 Resp: 3430
Ion Ratio Lower Upper
142 100
141 91.6 73.1 109.7





#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 13.903 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

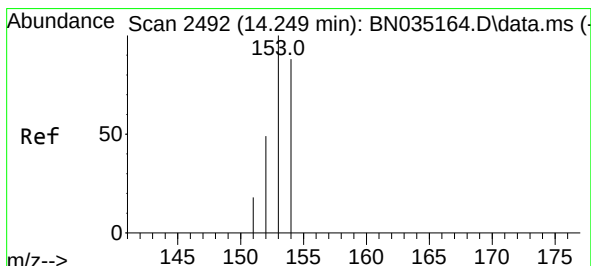
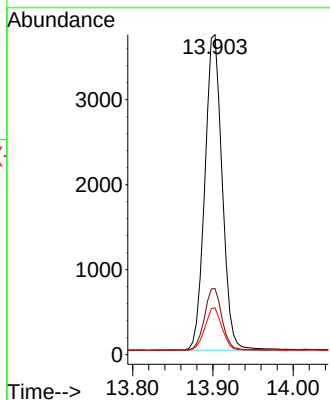
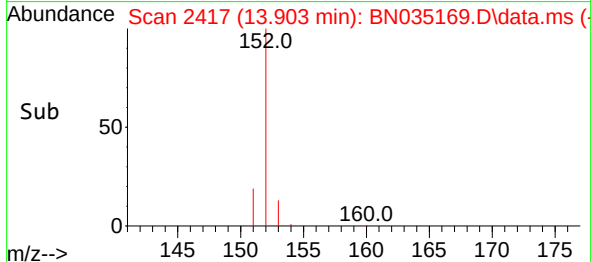
Instrument :
BNA_N
ClientSampleId :
BHK71MS



Tgt Ion:152 Resp: 5574
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 14.6 11.1 16.7

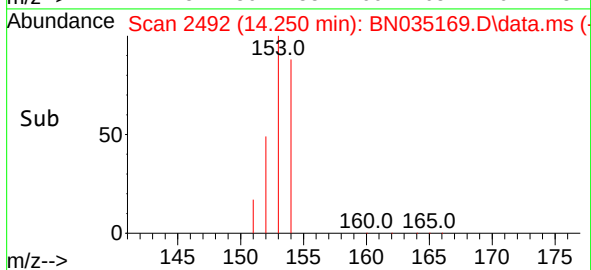
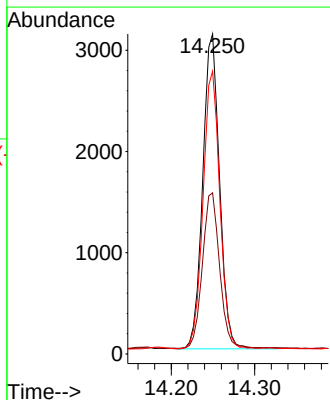
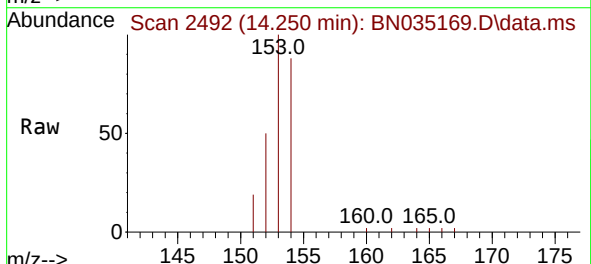
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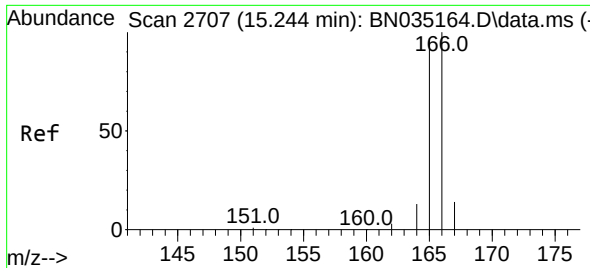
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#11
Acenaphthene
Concen: 0.225 ng/ul
RT: 14.250 min Scan# 2492
Delta R.T. -0.000 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

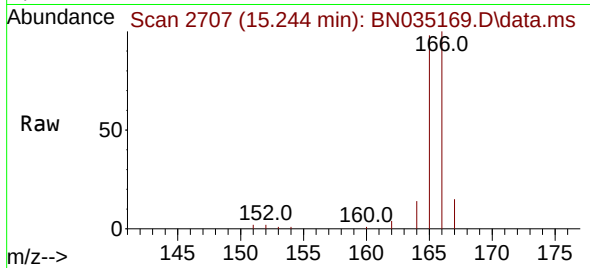
Tgt Ion:153 Resp: 4375
Ion Ratio Lower Upper
153 100
152 50.3 41.4 62.0
154 88.4 71.2 106.8





#12
Fluorene
Concen: 0.240 ng/ul
RT: 15.244 min Scan# 2707
Delta R.T. -0.000 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

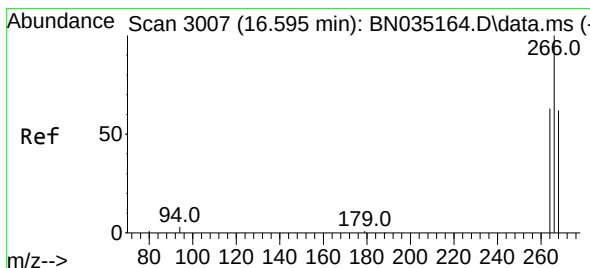
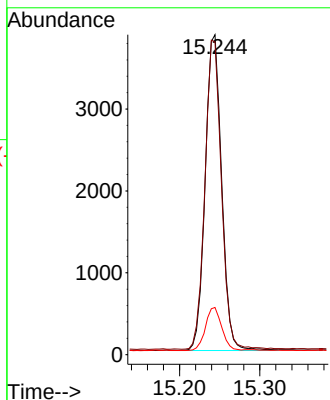
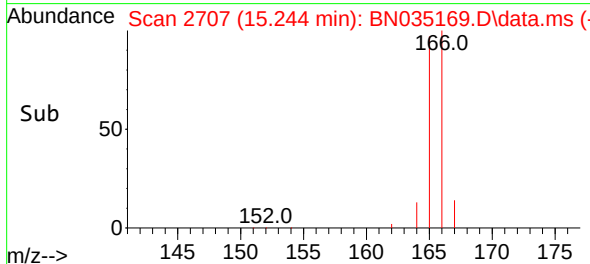
Instrument :
BNA_N
ClientSampleId :
BHK71MS



Tgt Ion:166 Resp: 5480
Ion Ratio Lower Upper
166 100
165 97.7 78.6 118.0
167 14.7 11.8 17.6

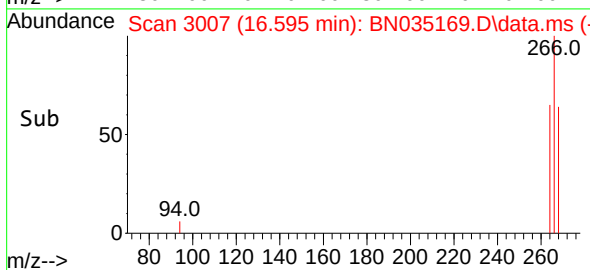
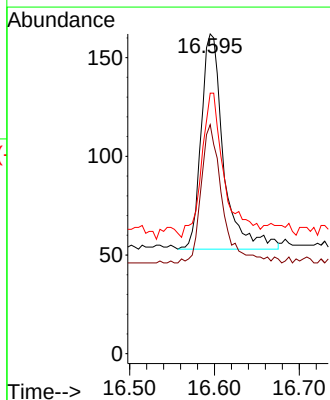
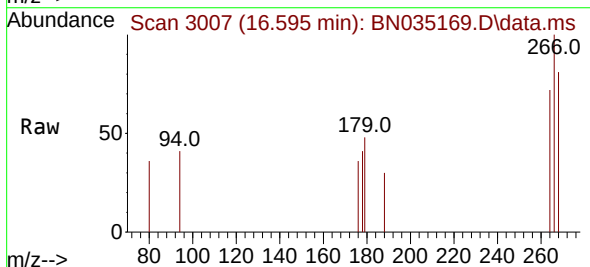
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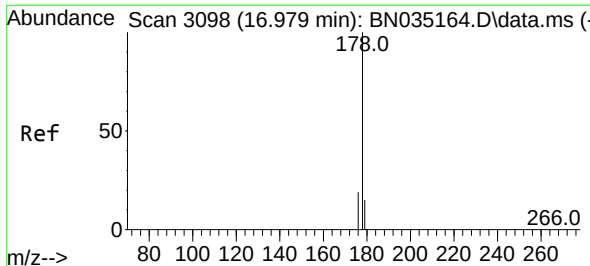
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#14
Pentachlorophenol
Concen: 0.058 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

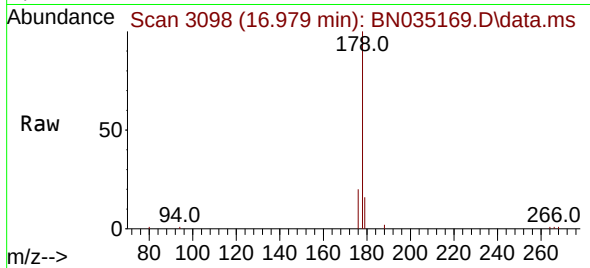
Tgt Ion:266 Resp: 200
Ion Ratio Lower Upper
266 100
264 61.5 51.8 77.6
268 68.0 51.3 76.9





#15
Phenanthrene
Concen: 0.253 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

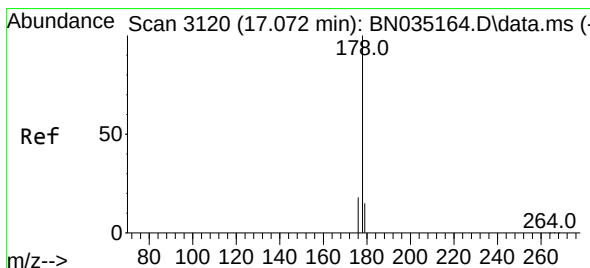
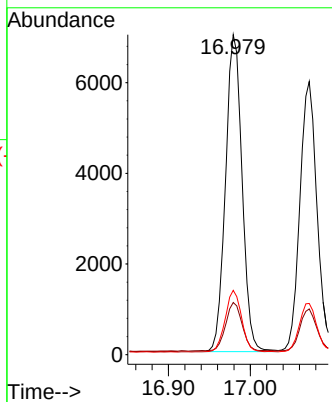
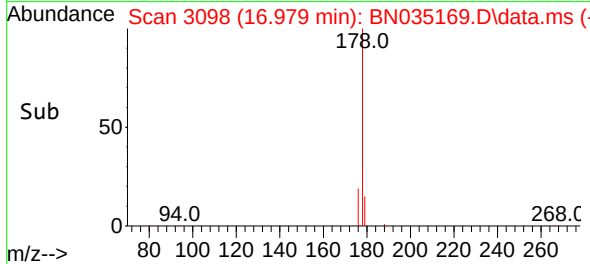
Instrument :
BNA_N
ClientSampleId :
BHK71MS



Tgt Ion:178 Resp: 9830
Ion Ratio Lower Upper
178 100
179 16.3 12.9 19.3
176 20.1 15.6 23.4

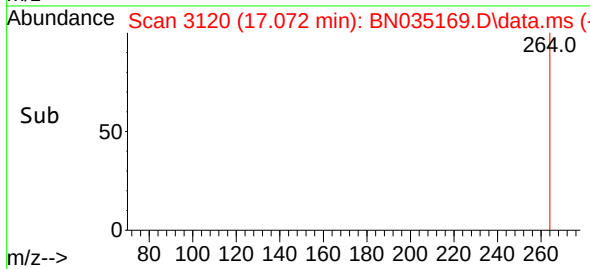
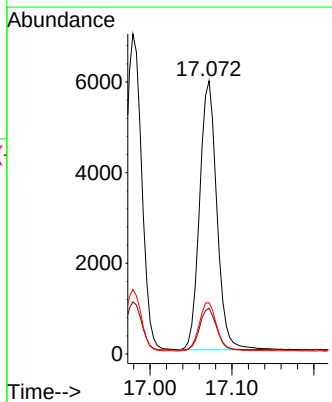
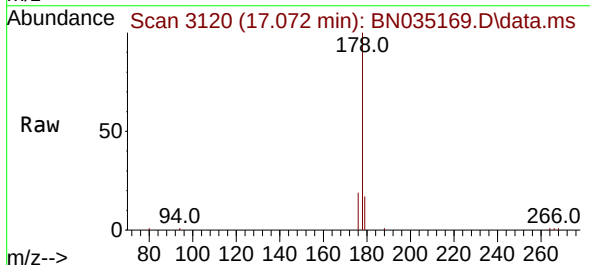
Manual Integrations
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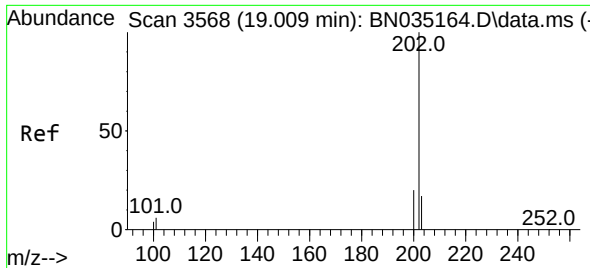
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#16
Anthracene
Concen: 0.241 ng/ul
RT: 17.072 min Scan# 3120
Delta R.T. -0.004 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

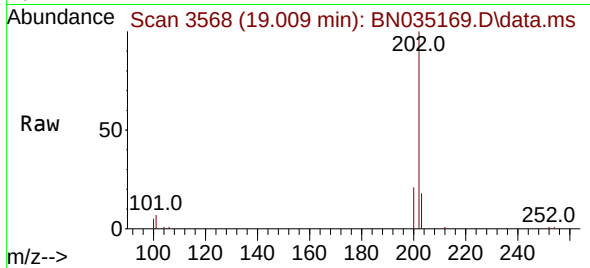
Tgt Ion:178 Resp: 8678
Ion Ratio Lower Upper
178 100
179 16.8 12.9 19.3
176 18.8 15.4 23.2





#19
Fluoranthene
Concen: 0.293 ng/ul
RT: 19.009 min Scan# 3568
Delta R.T. -0.000 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

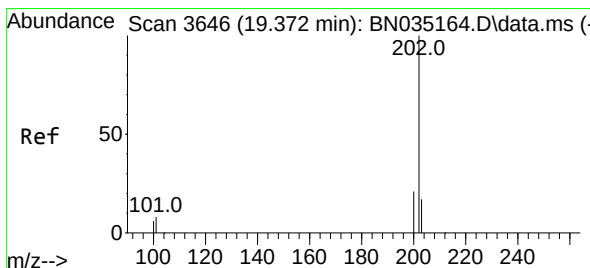
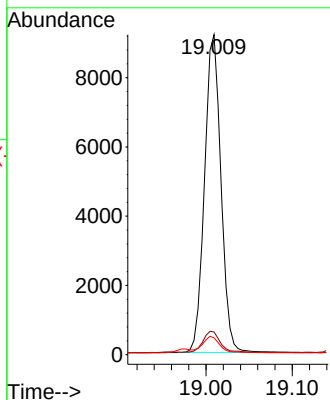
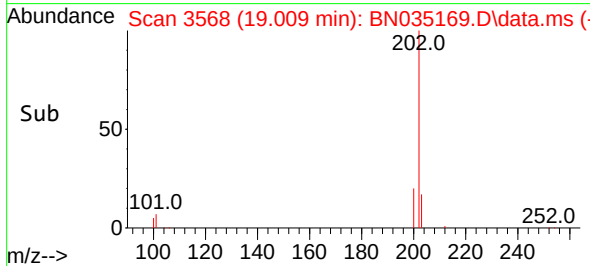
Instrument :
BNA_N
ClientSampleId :
BHK71MS



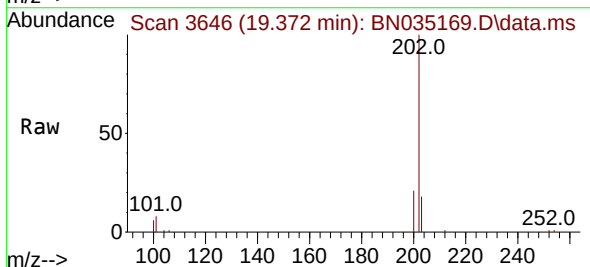
Tgt Ion:202 Resp: 1214
Ion Ratio Lower Upper
202 100
101 7.1 5.8 8.6
100 5.3 4.5 6.7

Manual Integrations
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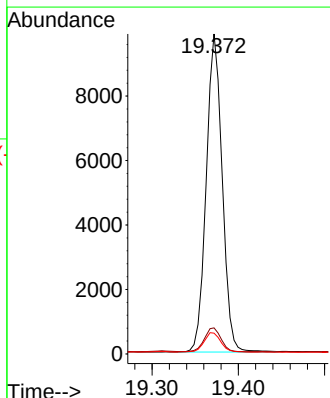
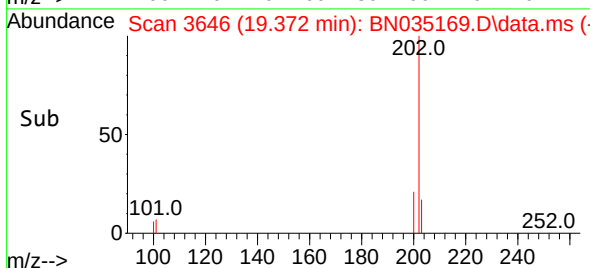
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

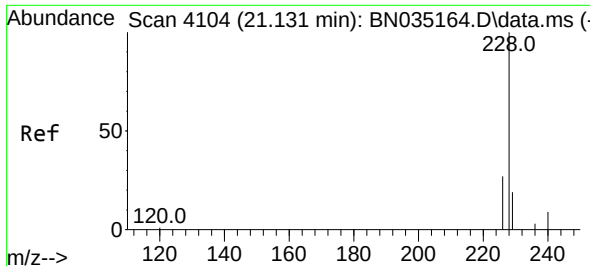


#20
Pyrene
Concen: 0.296 ng/ul
RT: 19.372 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28



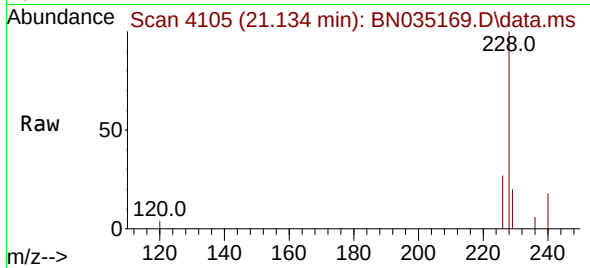
Tgt Ion:202 Resp: 12750
Ion Ratio Lower Upper
202 100
101 8.1 6.2 9.4
100 6.5 5.1 7.7





#21
Benzo(a)anthracene
Concen: 0.264 ng/ul
RT: 21.134 min Scan# 4104
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

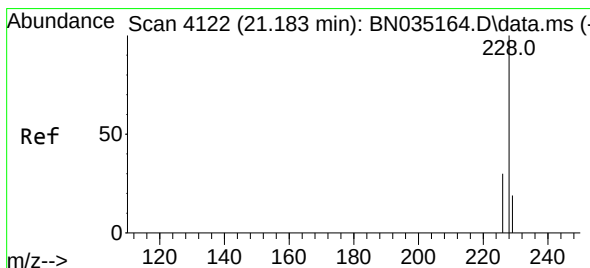
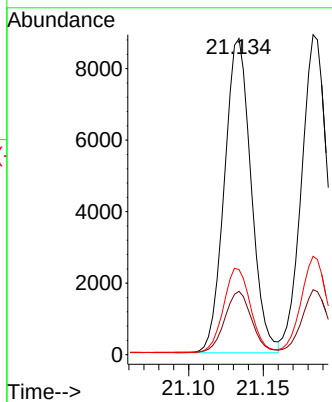
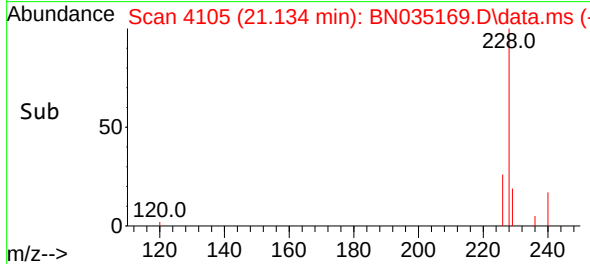
Instrument :
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Tgt Ion:228 Resp: 1090
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.0 21.8 32.8

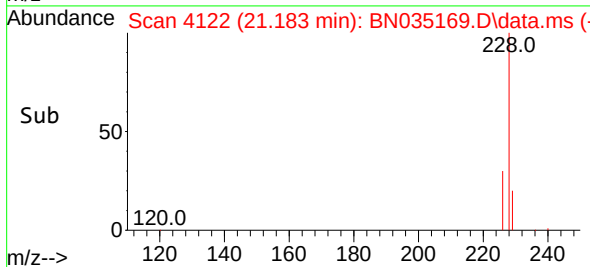
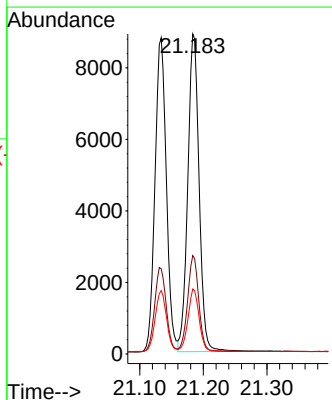
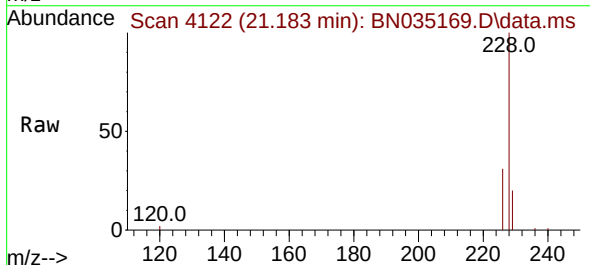
Manual Integrations
APPROVED

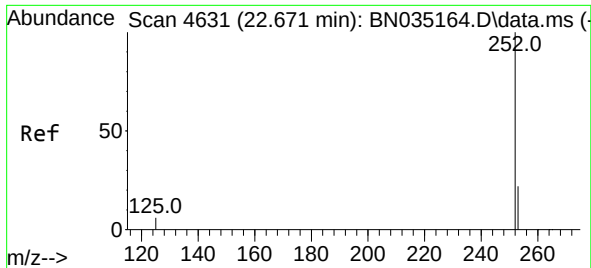
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#22
Chrysene
Concen: 0.265 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

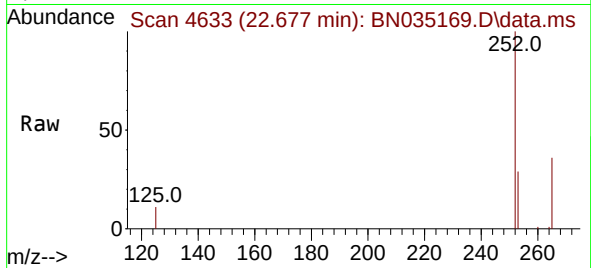
Tgt Ion:228 Resp: 11005
Ion Ratio Lower Upper
228 100
226 30.8 24.7 37.1
229 20.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.280 ng/ul
RT: 22.677 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

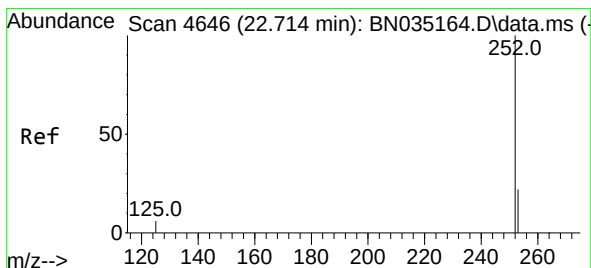
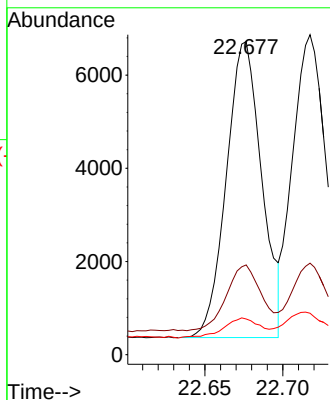
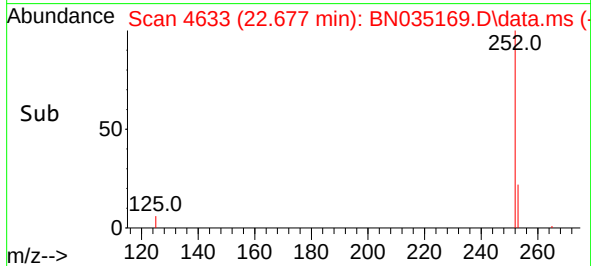
Instrument :
BNA_N
ClientSampleId :
BHK71MS



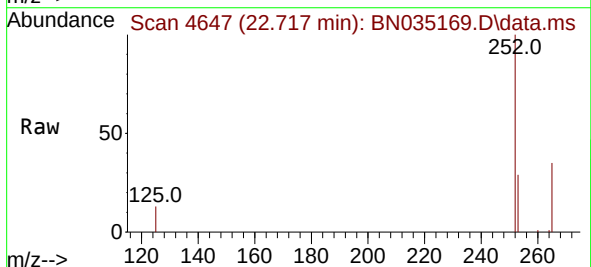
Tgt Ion:252 Resp: 10038
Ion Ratio Lower Upper
252 100
253 28.7 0.0 54.0
125 11.4 0.0 19.4

Manual Integrations
APPROVED

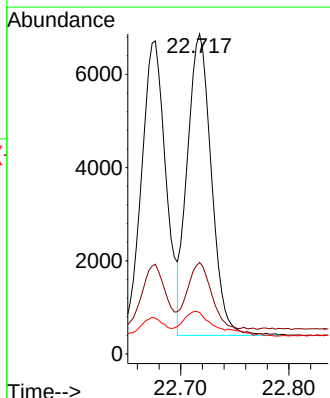
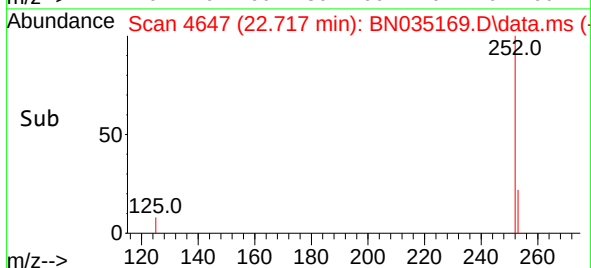
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

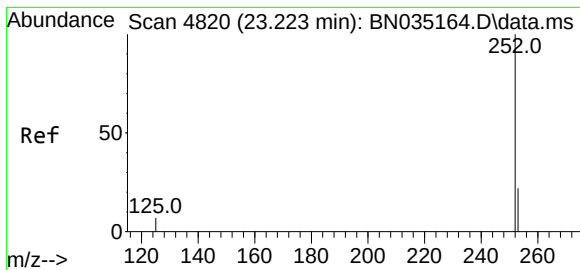


#25
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 22.717 min Scan# 4647
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28



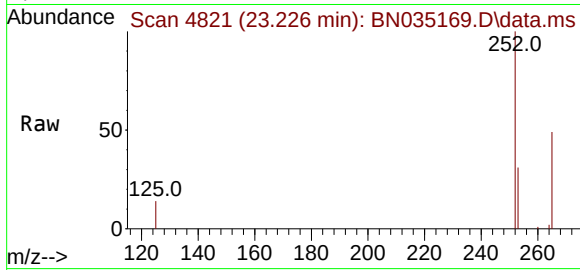
Tgt Ion:252 Resp: 9969
Ion Ratio Lower Upper
252 100
253 28.6 21.8 32.6
125 12.9 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.263 ng/ul
RT: 23.226 min Scan# 4820
Delta R.T. -0.006 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

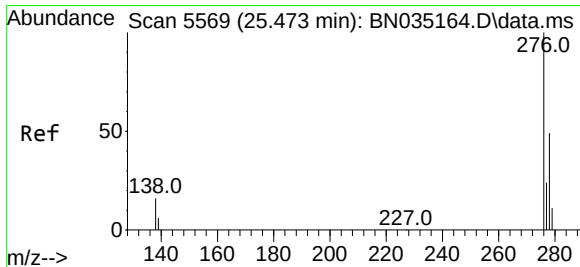
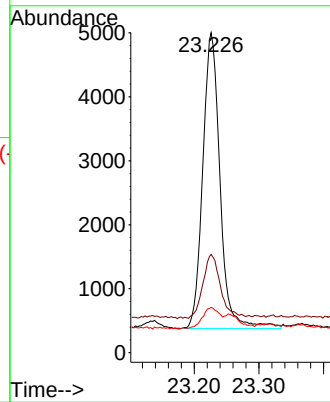
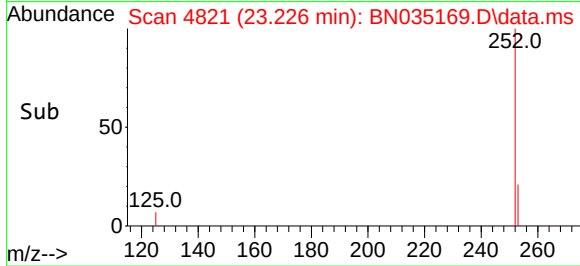
Instrument :
BNA_N
ClientSampleId :
BHK71MS



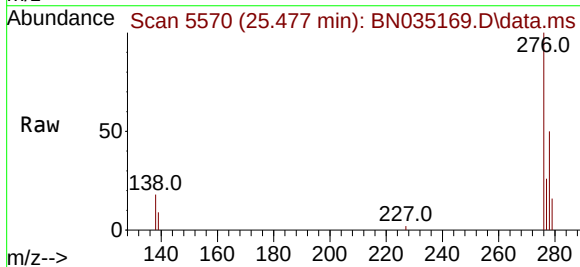
Tgt Ion:252 Resp: 8590
Ion Ratio Lower Upper
252 100
253 30.7 22.9 34.3
125 14.1 9.4 14.2

Manual Integrations
APPROVED

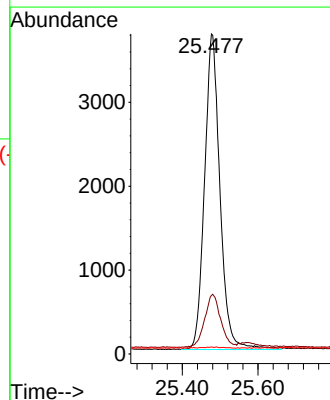
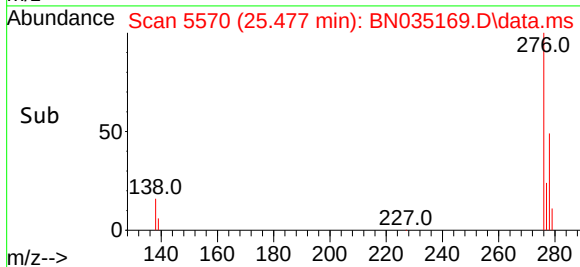
Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024

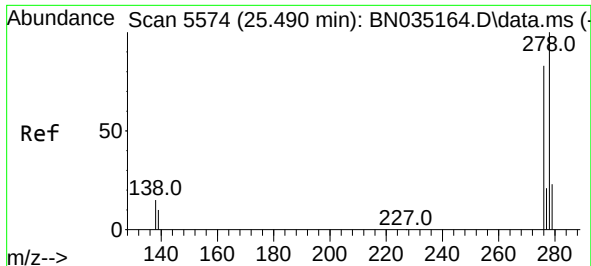


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.241 ng/ul
RT: 25.477 min Scan# 5570
Delta R.T. -0.010 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28



Tgt Ion:276 Resp: 10654
Ion Ratio Lower Upper
276 100
138 17.6 13.8 20.8
227 0.1 0.2 0.4





#28
Dibenzo(a,h)anthracene
Concen: 0.237 ng/ul
RT: 25.493 min Scan# 5574
Delta R.T. -0.013 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

Instrument :

BNA_N

ClientSampleId :

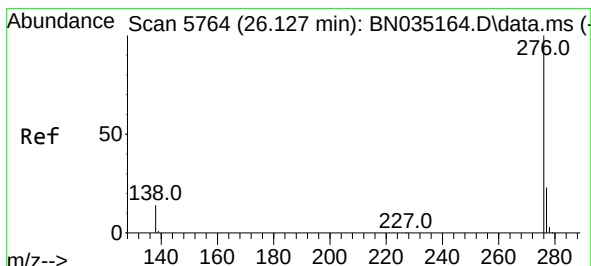
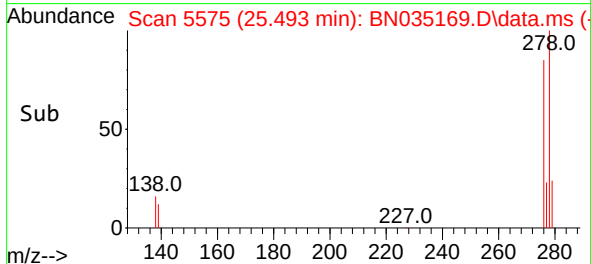
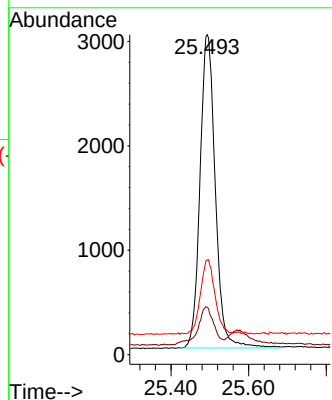
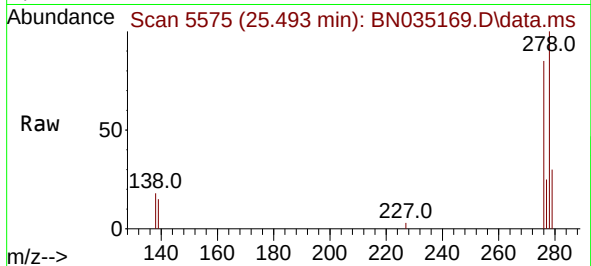
BHK71MS

Tgt Ion:278 Resp: 821
Ion Ratio Lower Upper
278 100
139 14.8 10.7 16.1
279 29.6 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/20/2024
Supervised By :mohammad ahmed 11/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.241 ng/ul
RT: 26.134 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BN035169.D
Acq: 19 Nov 2024 19:28

Tgt Ion:276 Resp: 8383
Ion Ratio Lower Upper
276 100
138 17.6 13.0 19.6
277 25.6 20.5 30.7

