

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035652.D
 Acq On : 17 Dec 2024 13:36
 Operator : RC/JU
 Sample : P5153-20DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28R3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 17 14:09:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2851	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8613	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	6053	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	13381	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	11520	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	12598m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1799	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	533	0.043	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	1506	0.045	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.075	128	11815	0.559	ng/ul	98
7) 2-Methylnaphthalene	11.708	142	5318	0.374	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1960	0.133	ng/ul	99
10) Acenaphthylene	13.657	152	1919	0.082	ng/ul#	87
11) Acenaphthene	14.004	153	628	0.035	ng/ul#	89
12) Fluorene	15.013	166	1031	0.050	ng/ul#	88
15) Phenanthrene	16.755	178	24229	0.723	ng/ul	99
16) Anthracene	16.848	178	5705	0.182	ng/ul#	95
19) Fluoranthene	18.795	202	38301	0.930	ng/ul	100
20) Pyrene	19.162	202	41011	0.904	ng/ul	99
21) Benzo(a)anthracene	20.944	228	31013	0.812	ng/ul	97
22) Chrysene	20.996	228	41898	1.057	ng/ul	97
24) Benzo(b)fluoranthene	22.437	252	74490m	2.006	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	27135m	0.661	ng/ul	
26) Benzo(a)pyrene	22.957	252	52266	1.454	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.077	276	49530	1.132	ng/ul#	67
28) Dibenzo(a,h)anthracene	25.084	278	10227m	0.306	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	53269	1.516	ng/ul#	92

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

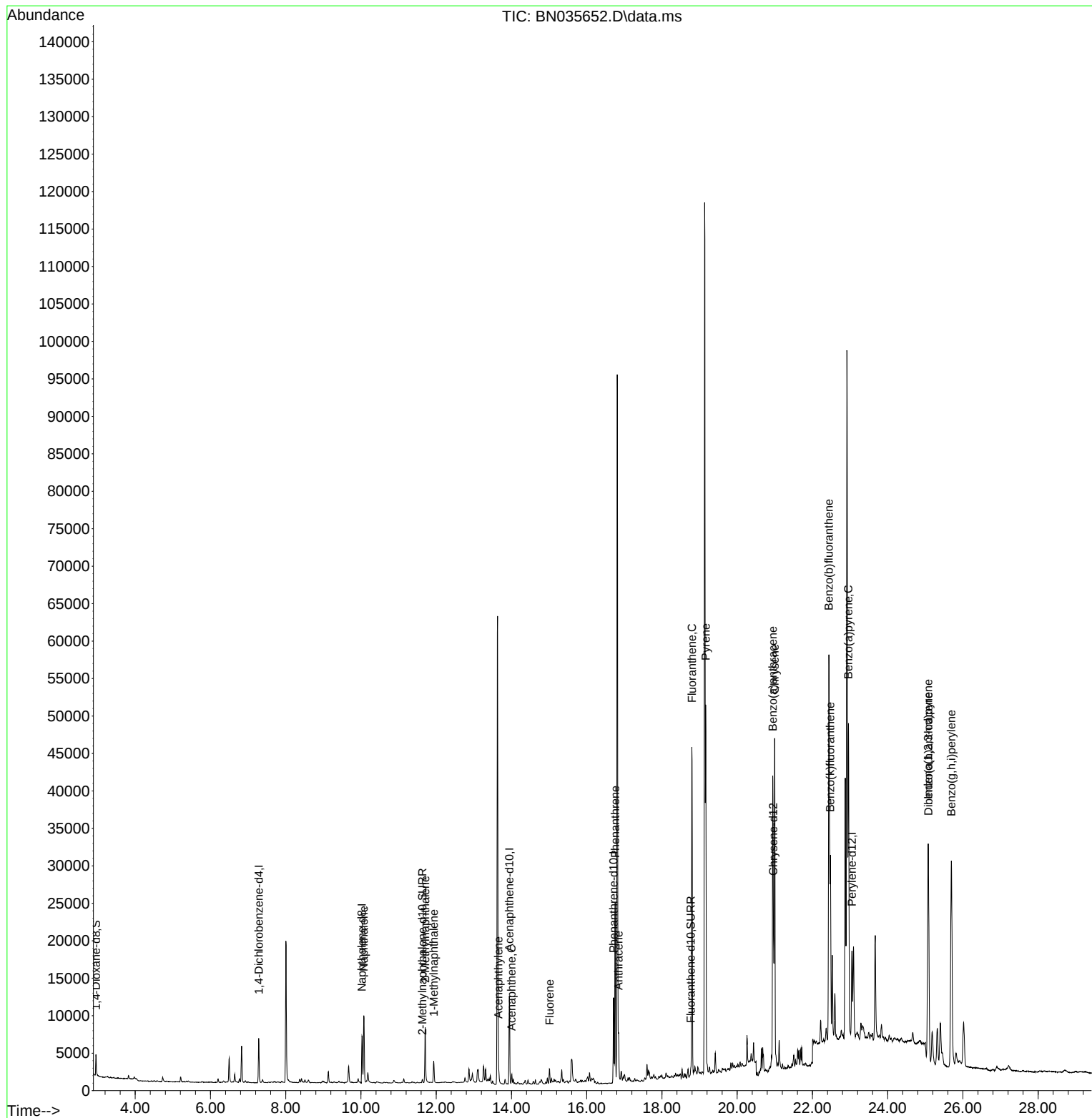
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035652.D
Acq On : 17 Dec 2024 13:36
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Sample : P5153-20DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

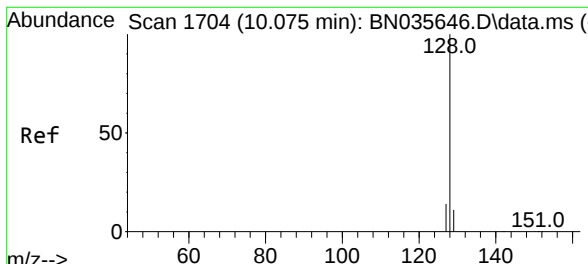
Instrument :
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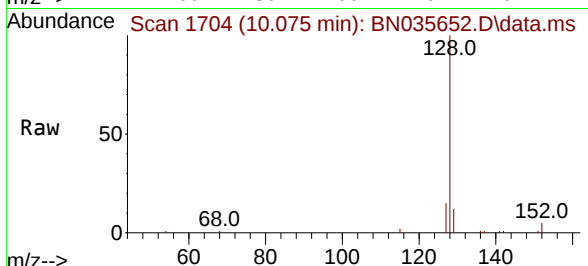
Quant Time: Dec 17 14:09:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.559 ng/ul
RT: 10.075 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

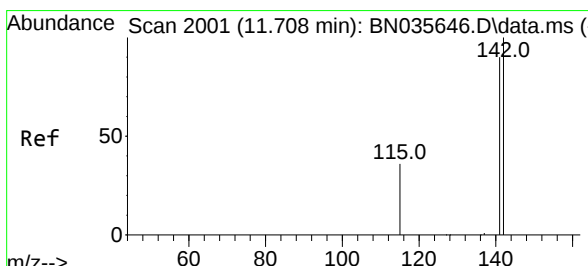
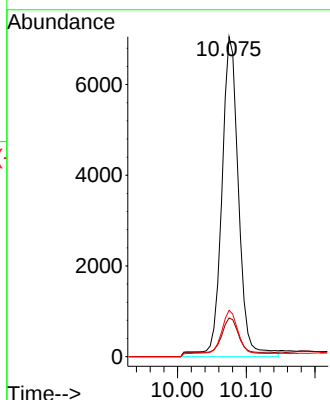
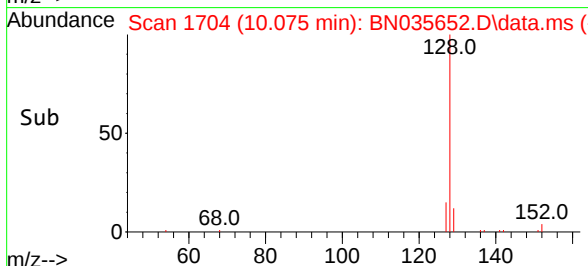
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:128 Resp: 1181
Ion Ratio Lower Upper
128 100
129 12.1 10.8 16.2
127 14.5 12.0 18.0

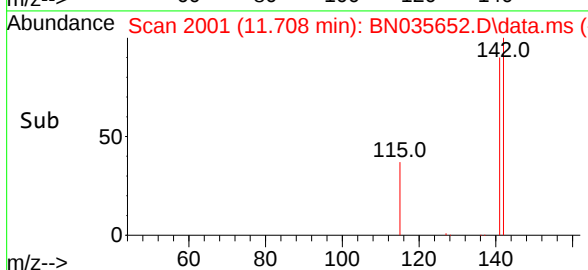
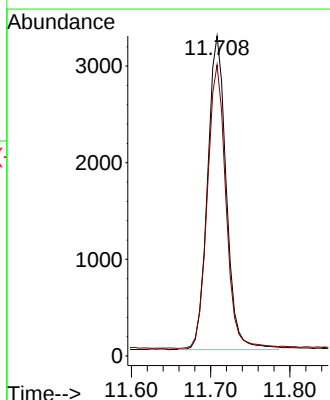
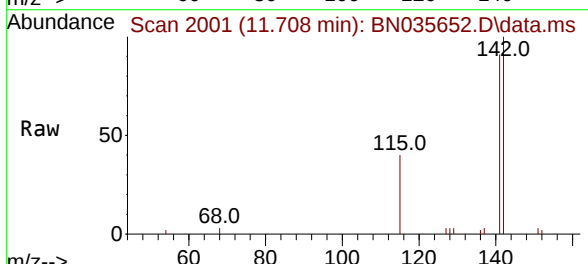
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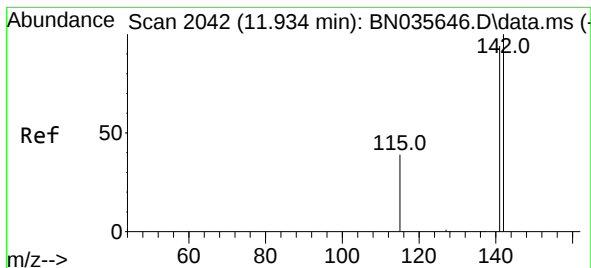
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#7
2-Methylnaphthalene
Concen: 0.374 ng/ul
RT: 11.708 min Scan# 2001
Delta R.T. -0.005 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

Tgt Ion:142 Resp: 5318
Ion Ratio Lower Upper
142 100
141 89.8 72.8 109.2





#8

1-Methylnaphthalene

Concen: 0.133 ng/ul

RT: 11.934 min Scan# 2042

Delta R.T. -0.005 min

Lab File: BN035652.D

Acq: 17 Dec 2024 13:36

Instrument :

BNA_N

ClientSampleId :

E28R3DL

Tgt Ion:142 Resp: 1960

Ion Ratio Lower Upper

142 100

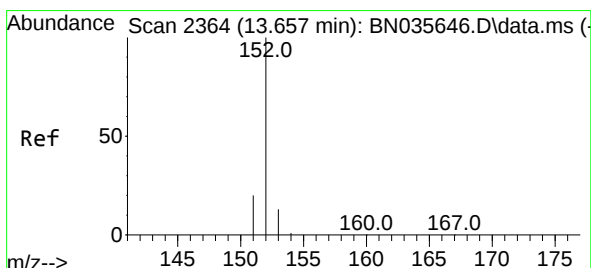
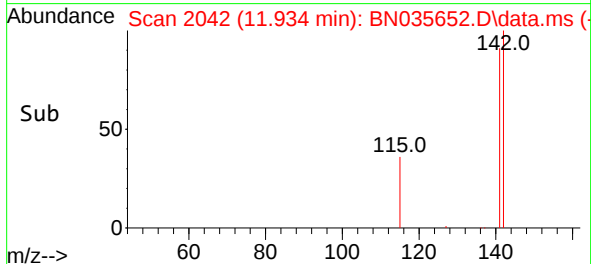
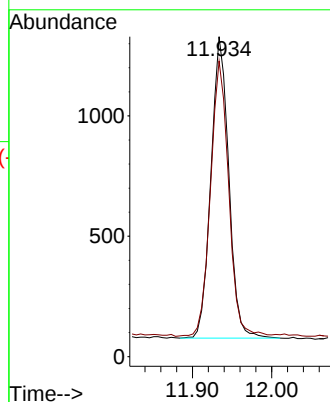
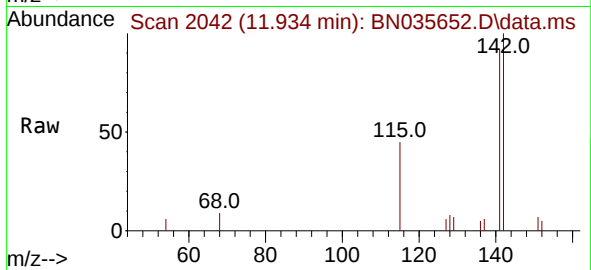
141 92.3 74.7 112.1

Manual Integrations

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#10

Acenaphthylene

Concen: 0.082 ng/ul

RT: 13.657 min Scan# 2364

Delta R.T. -0.005 min

Lab File: BN035652.D

Acq: 17 Dec 2024 13:36

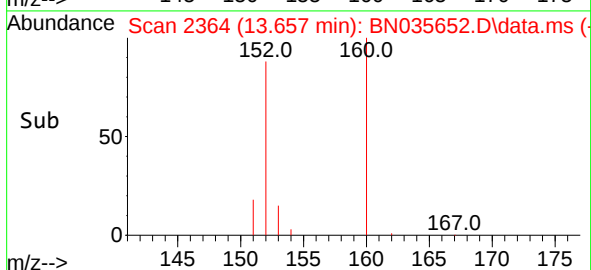
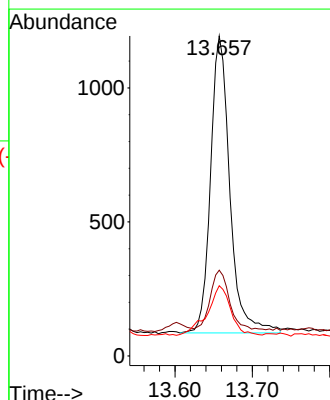
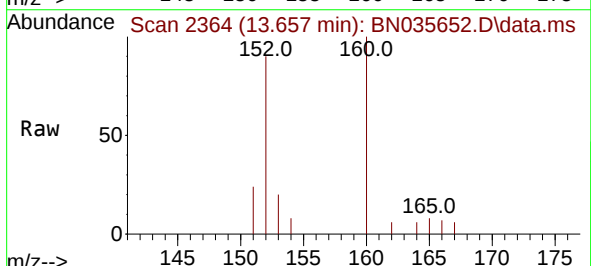
Tgt Ion:152 Resp: 1919

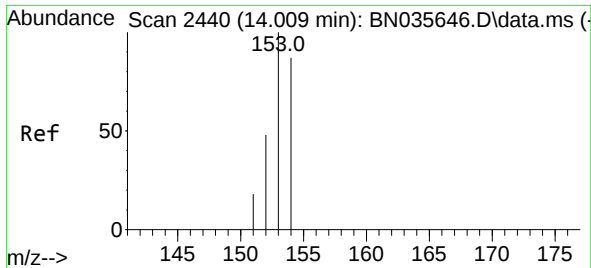
Ion Ratio Lower Upper

152 100

151 26.8 17.6 26.4#

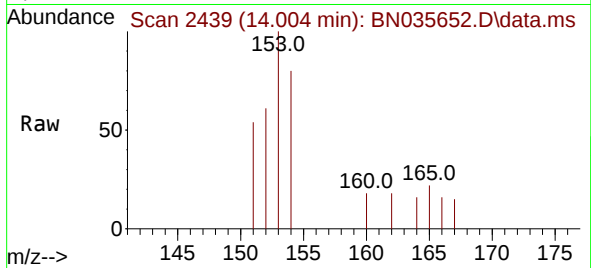
153 21.9 11.4 17.2#





#11
Acenaphthene
Concen: 0.035 ng/u1
RT: 14.004 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

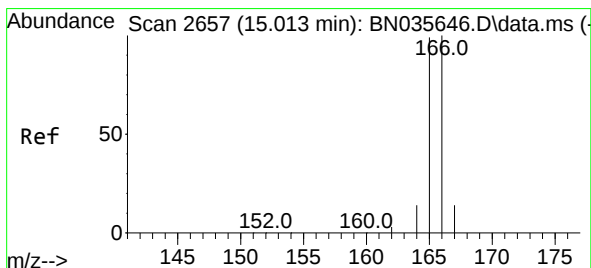
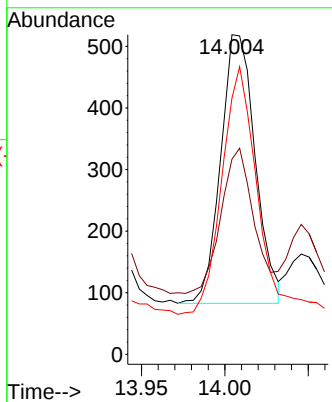
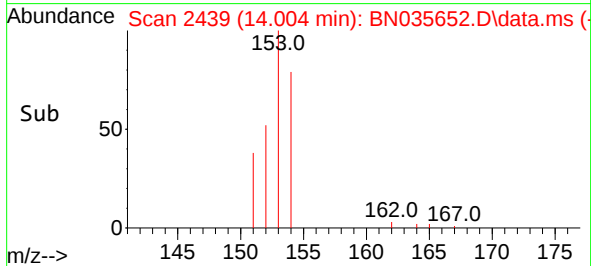
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:153 Resp: 628
Ion Ratio Lower Upper
153 100
152 61.1 39.8 59.6
154 80.2 69.8 104.8

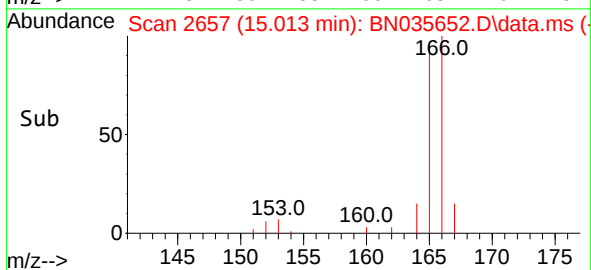
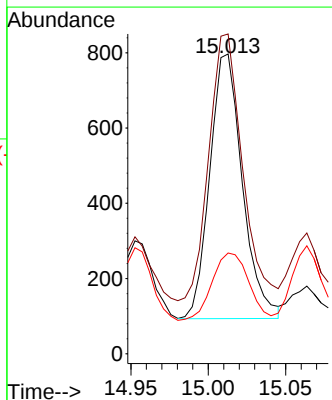
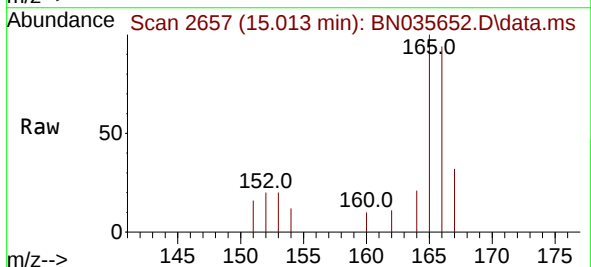
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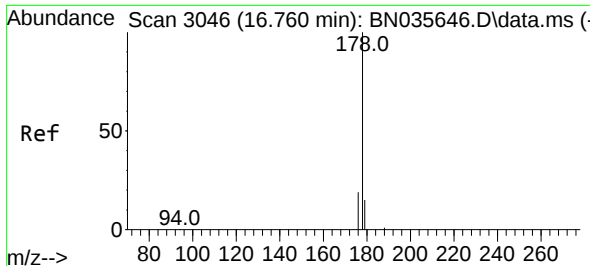
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#12
Fluorene
Concen: 0.050 ng/u1
RT: 15.013 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

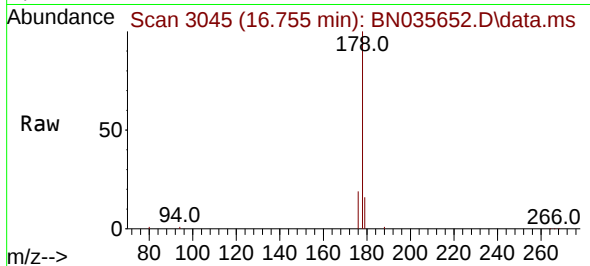
Tgt Ion:166 Resp: 1031
Ion Ratio Lower Upper
166 100
165 106.6 79.5 119.3
167 33.6 11.8 17.8#





#15
Phenanthrene
Concen: 0.723 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

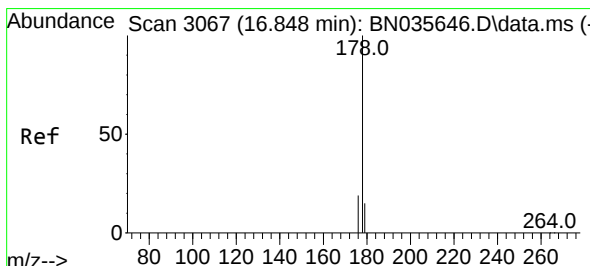
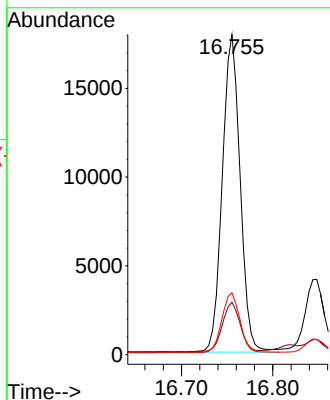
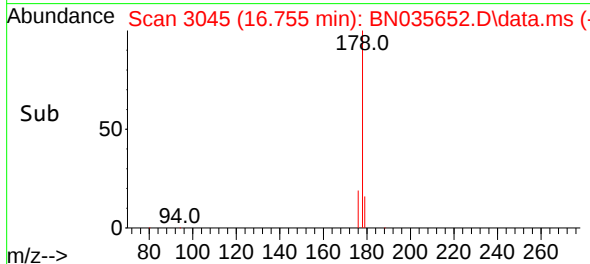
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:178 Resp: 24229
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.3 15.8 23.8

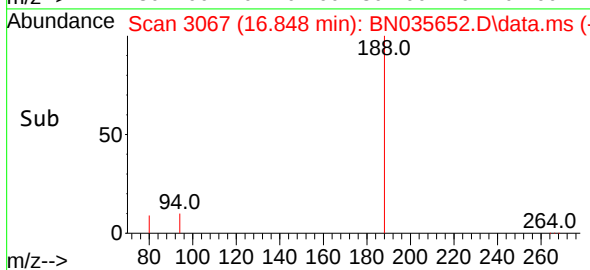
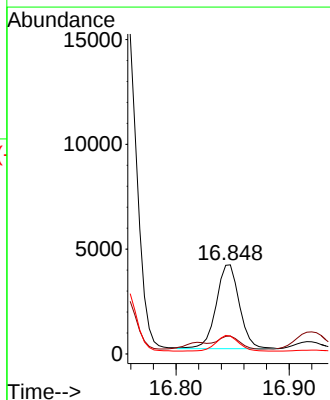
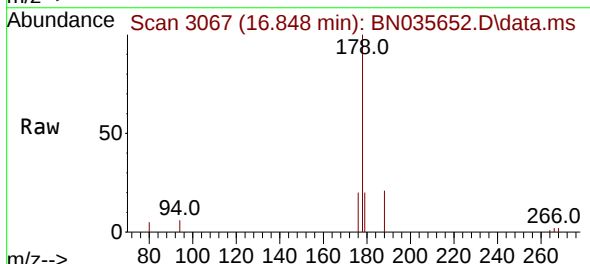
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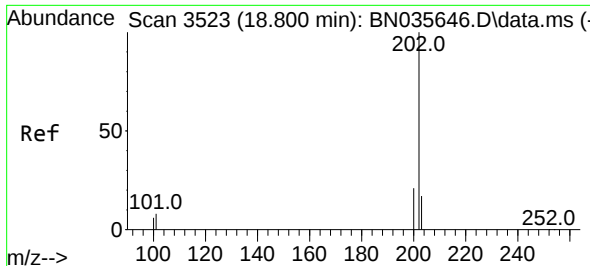
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#16
Anthracene
Concen: 0.182 ng/ul
RT: 16.848 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

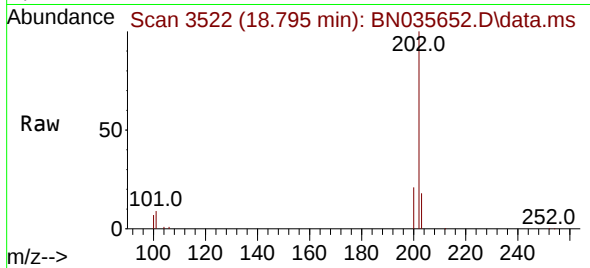
Tgt Ion:178 Resp: 5705
Ion Ratio Lower Upper
178 100
179 20.2 13.4 20.0#
176 20.1 15.4 23.0





#19
Fluoranthene
Concen: 0.930 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

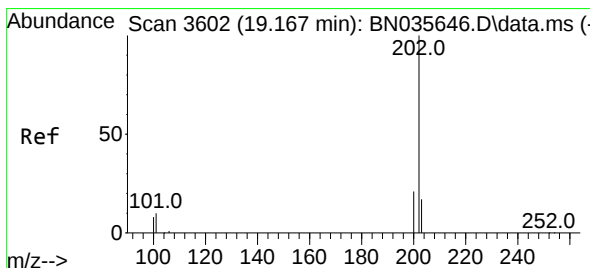
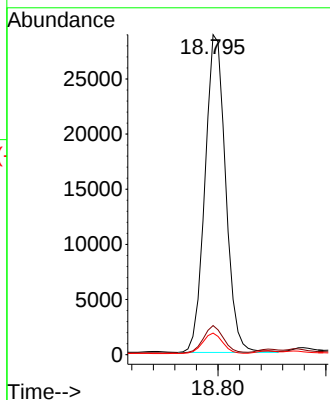
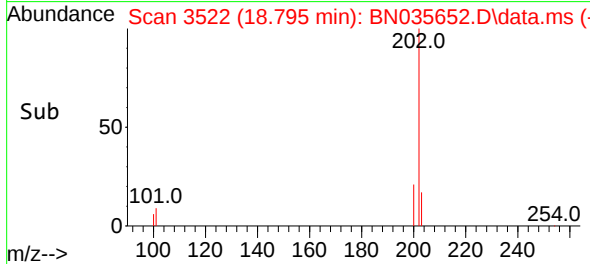
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:202 Resp: 3830
Ion Ratio Lower Upper
202 100
101 9.1 7.3 10.9
100 6.8 5.4 8.0

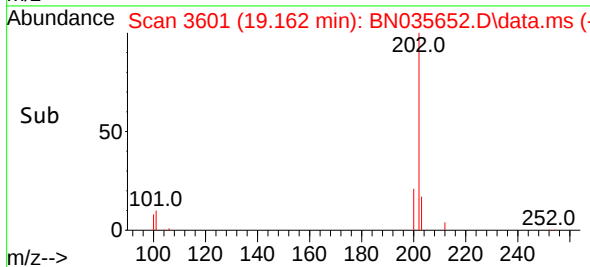
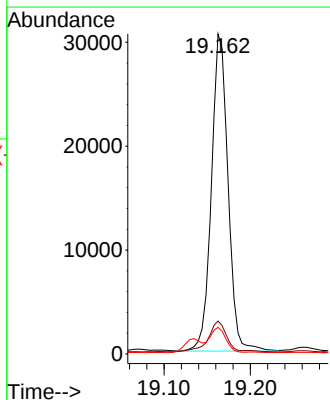
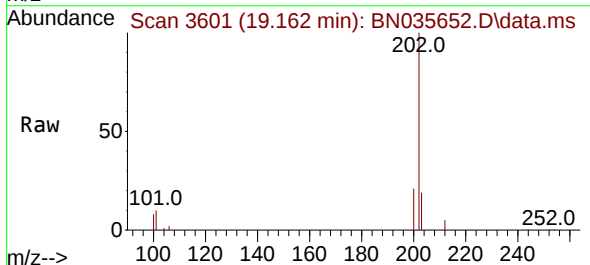
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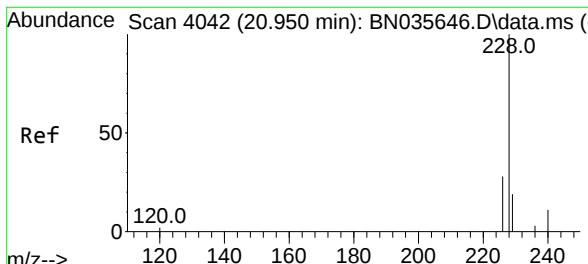
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#20
Pyrene
Concen: 0.904 ng/ul
RT: 19.162 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

Tgt Ion:202 Resp: 41011
Ion Ratio Lower Upper
202 100
101 10.3 8.5 12.7
100 8.3 6.5 9.7





#21
 Benzo(a)anthracene
 Concen: 0.812 ng/ul
 RT: 20.944 min Scan# 4040
 Delta R.T. -0.006 min
 Lab File: BN035652.D
 Acq: 17 Dec 2024 13:36

Instrument :

BNA_N

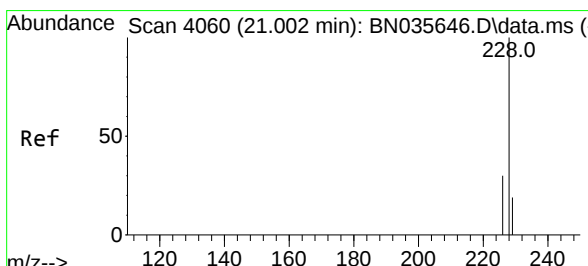
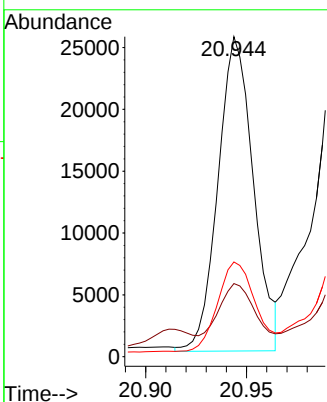
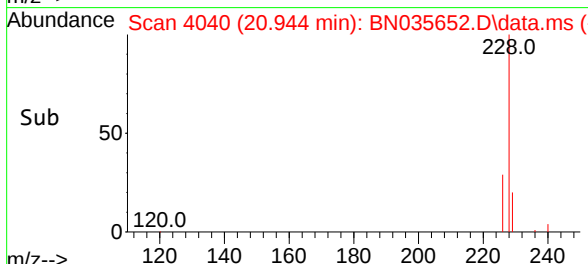
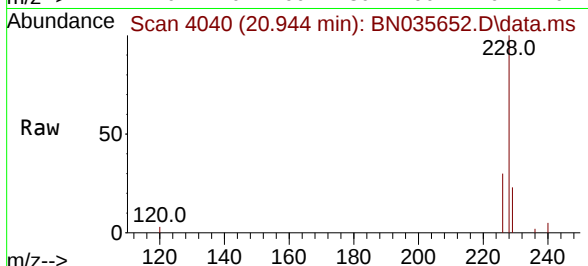
ClientSampleId :

E28R3DL

Tgt Ion:228	Resp:	3101
Ion Ratio	Lower	Upper
228	100	
229	22.8	16.6 25.0
226	29.6	22.5 33.7

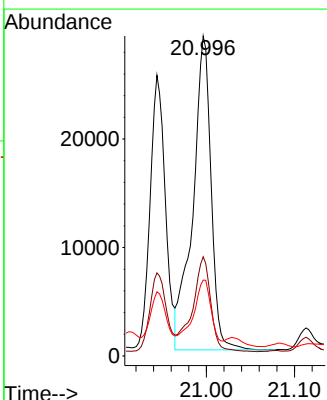
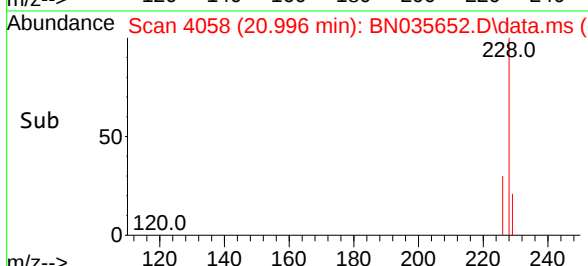
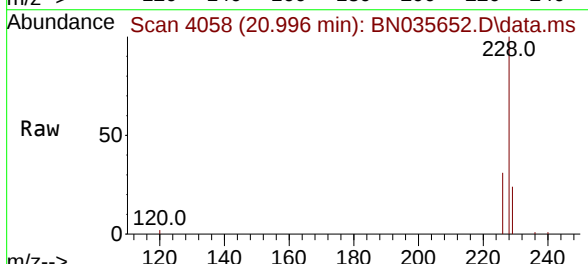
Manual Integrations
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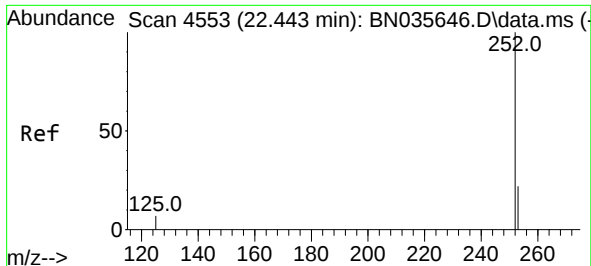
Reviewed By :Yogesh Patel 12/18/2024
 Supervised By :mohammad ahmed 12/21/2024



#22
 Chrysene
 Concen: 1.057 ng/ul
 RT: 20.996 min Scan# 4058
 Delta R.T. -0.003 min
 Lab File: BN035652.D
 Acq: 17 Dec 2024 13:36

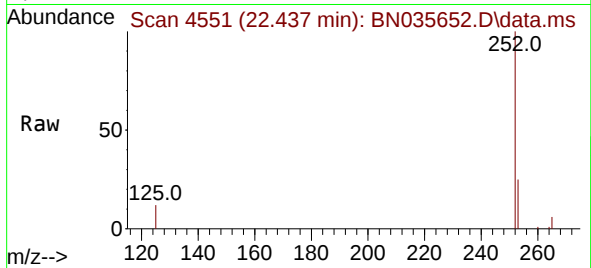
Tgt Ion:228	Resp:	41898
Ion Ratio	Lower	Upper
228	100	
226	31.0	25.1 37.7
229	23.7	16.6 24.8





#24
Benzo(b)fluoranthene
Concen: 2.006 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.006 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

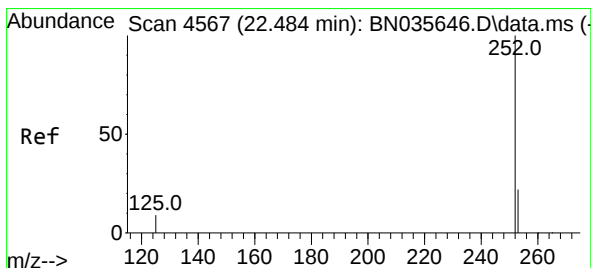
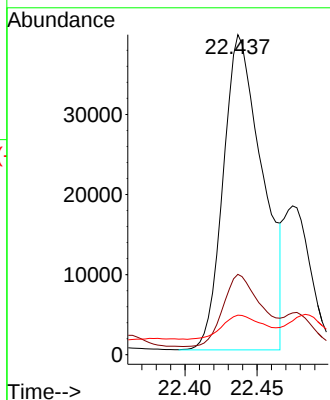
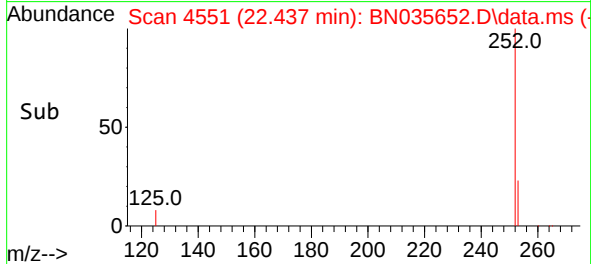
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:252 Resp: 74490
Ion Ratio Lower Upper
252 100
253 25.1 0.0 56.4
125 12.3 0.0 37.6

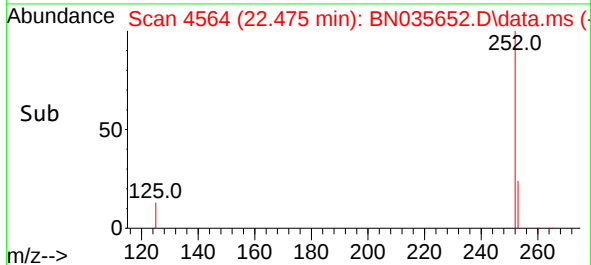
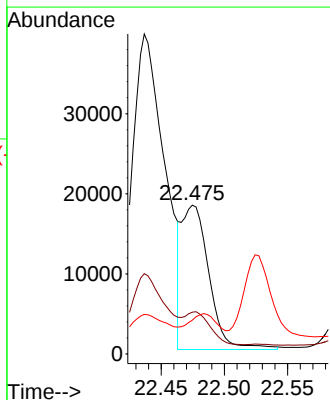
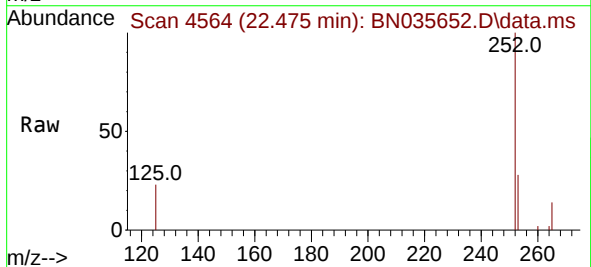
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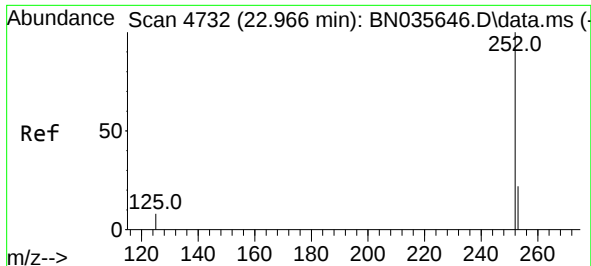
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#25
Benzo(k)fluoranthene
Concen: 0.661 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

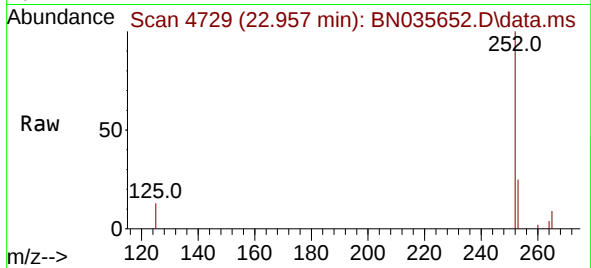
Tgt Ion:252 Resp: 27135
Ion Ratio Lower Upper
252 100
253 28.1 22.1 33.1
125 22.7 15.3 22.9





#26
Benzo(a)pyrene
Concen: 1.454 ng/ul
RT: 22.957 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

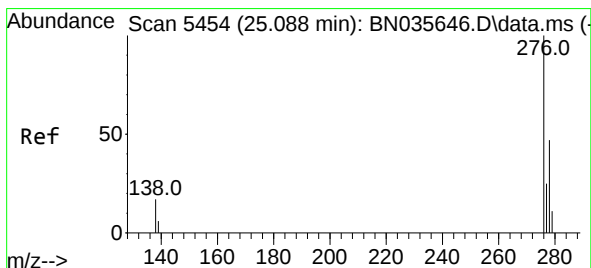
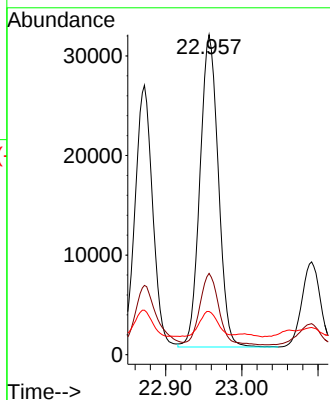
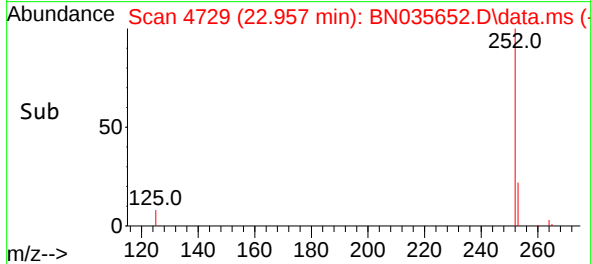
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:252 Resp: 52260
Ion Ratio Lower Upper
252 100
253 25.4 24.1 36.1
125 13.5 19.1 28.7

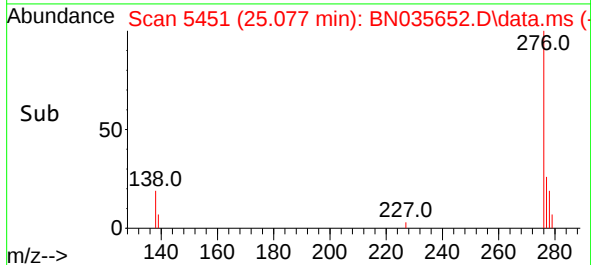
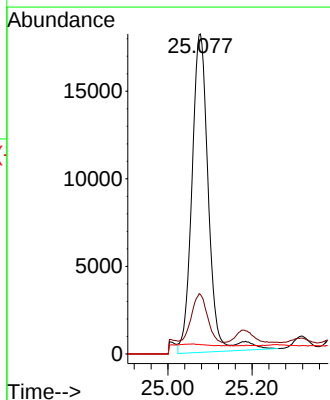
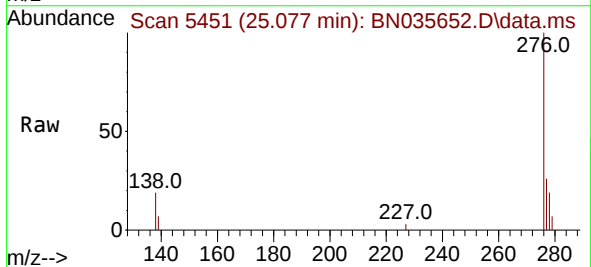
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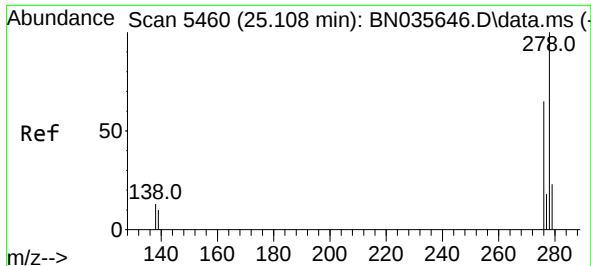
Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.132 ng/ul
RT: 25.077 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

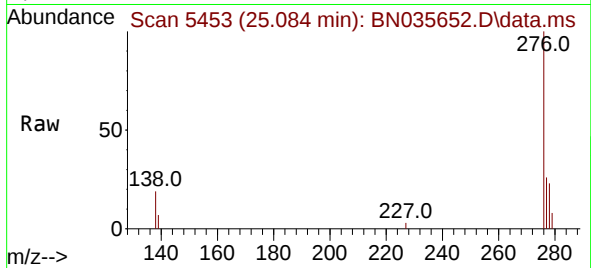
Tgt Ion:276 Resp: 49530
Ion Ratio Lower Upper
276 100
138 20.5 14.7 22.1
227 0.0 21.6 32.4





#28
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul m
RT: 25.084 min Scan# 5460
Delta R.T. -0.017 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

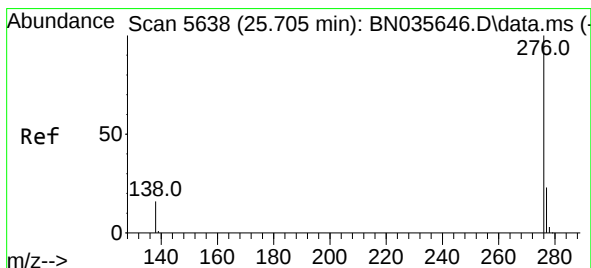
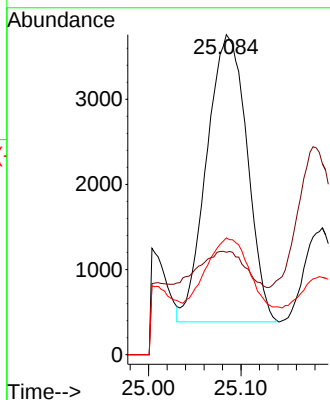
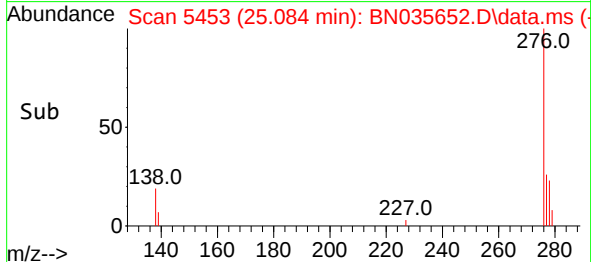
Instrument :
BNA_N
ClientSampleId :
E28R3DL



Tgt Ion:278 Resp: 10227
Ion Ratio Lower Upper
278 100
139 32.0 19.8 29.8
279 36.5 24.0 36.0

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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



#29
Benzo(g,h,i)perylene
Concen: 1.516 ng/ul
RT: 25.691 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BN035652.D
Acq: 17 Dec 2024 13:36

Tgt Ion:276 Resp: 53269
Ion Ratio Lower Upper
276 100
138 19.0 19.6 29.4
277 24.7 21.6 32.4

