

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035539.D
 Acq On : 10 Dec 2024 19:42
 Operator : RC/JU
 Sample : P5066-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M6

Manual Integrations
 APPROVED

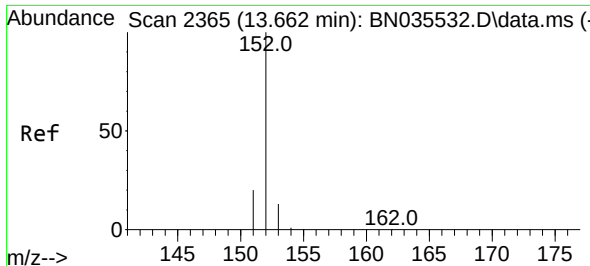
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 10 22:05:05 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 : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

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

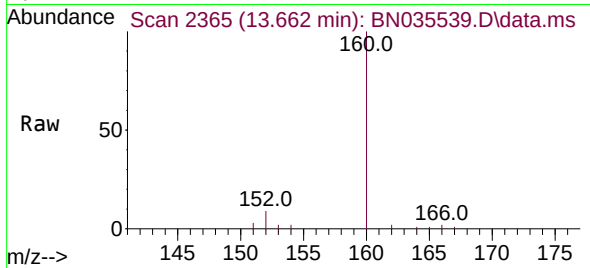
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136	9191	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6096	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	12458	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.958	240	8104	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	6935m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	10309	3.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2566	0.191	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	5209	0.233	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.662	152	784	0.032	ng/ul#	78
15) Phenanthrene	16.759	178	2164	0.066	ng/ul#	92
16) Anthracene	16.848	178	2379	0.078	ng/ul#	92
19) Fluoranthene	18.800	202	14642	0.519	ng/ul#	96
20) Pyrene	19.167	202	14637	0.498	ng/ul#	93
21) Benzo(a)anthracene	20.944	228	9166	0.326	ng/ul	96
22) Chrysene	20.996	228	10958	0.387	ng/ul	97
24) Benzo(b)fluoranthene	22.437	252	12991m	0.567	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	4784m	0.202	ng/ul	
26) Benzo(a)pyrene	22.957	252	6559	0.313	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.074	276	4378	0.155	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.084	278	1132m	0.051	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	3654	0.164	ng/ul#	86

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



#10
Acenaphthylene
Concen: 0.032 ng/ul
RT: 13.662 min Scan# 2365
Delta R.T. 0.000 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

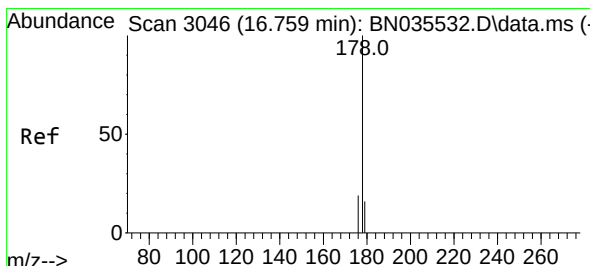
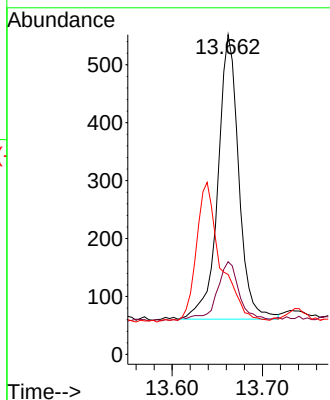
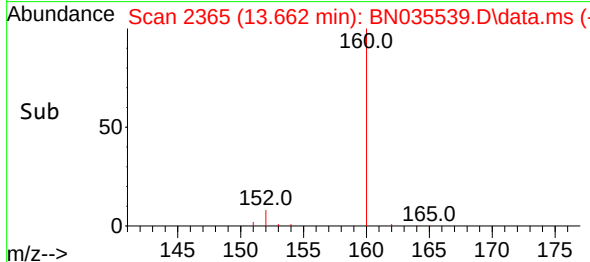
Instrument :
BNA_N
ClientSampleId :
E28M6



Tgt Ion:152 Resp: 784
Ion Ratio Lower Upper
152 100
151 29.0 16.4 24.6
153 25.0 11.1 16.7

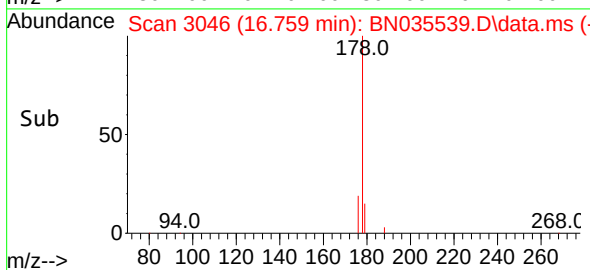
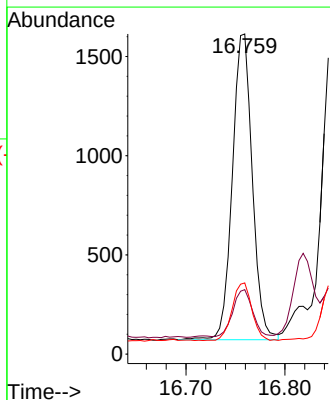
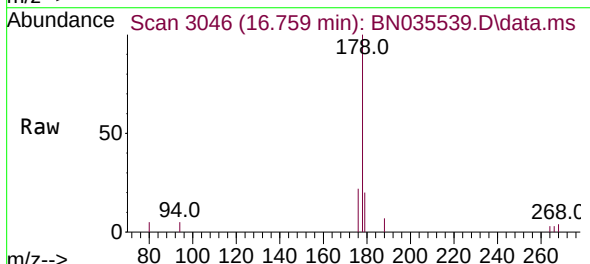
Manual Integrations
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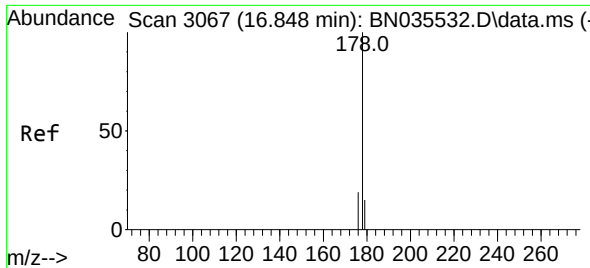
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.066 ng/ul
RT: 16.759 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

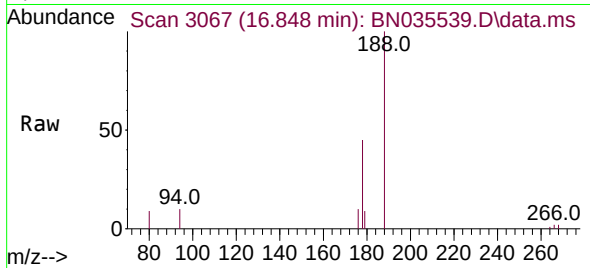
Tgt Ion:178 Resp: 2164
Ion Ratio Lower Upper
178 100
179 20.1 12.9 19.3
176 22.2 15.6 23.4





#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035539.D
 Acq: 10 Dec 2024 19:42

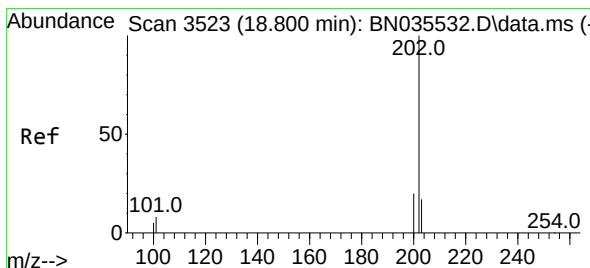
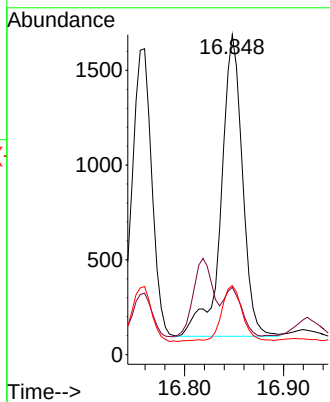
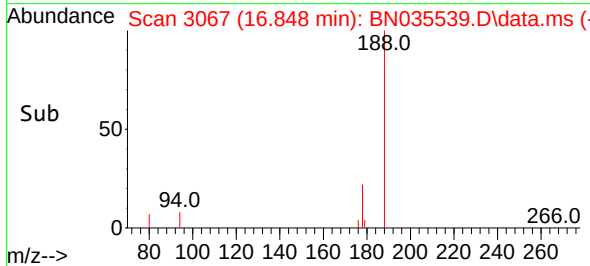
Instrument :
 BNA_N
 ClientSampleId :
 E28M6



Tgt Ion:178 Resp: 2379
 Ion Ratio Lower Upper
 178 100
 179 21.0 12.9 19.3#
 176 21.6 15.4 23.2

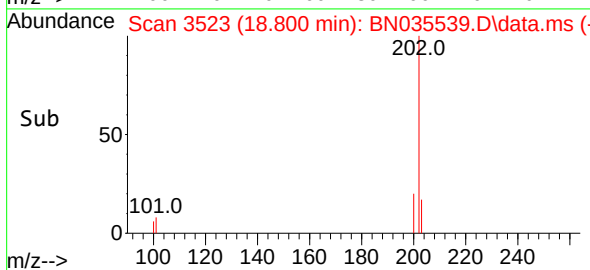
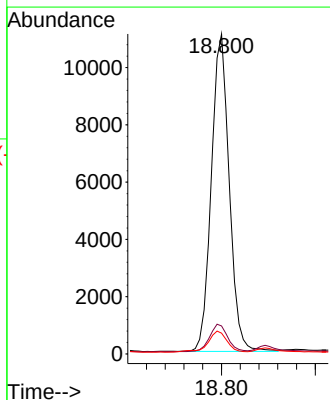
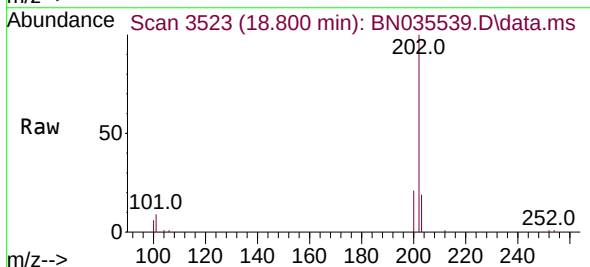
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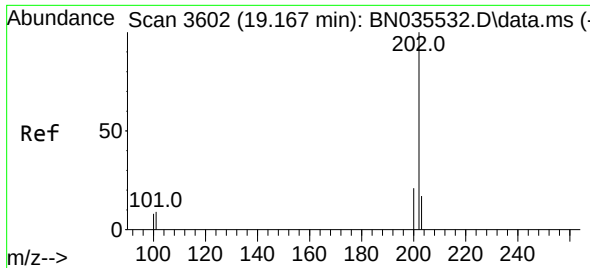
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#19
 Fluoranthene
 Concen: 0.519 ng/ul
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035539.D
 Acq: 10 Dec 2024 19:42

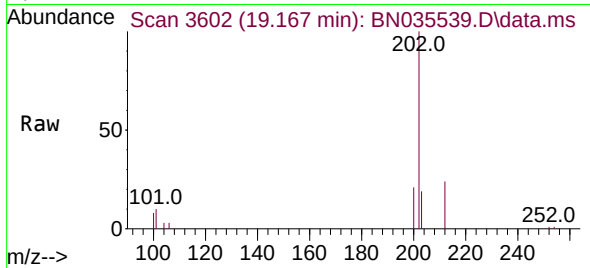
Tgt Ion:202 Resp: 14642
 Ion Ratio Lower Upper
 202 100
 101 8.8 5.8 8.6#
 100 6.5 4.5 6.7





#20
Pyrene
Concen: 0.498 ng/ul
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

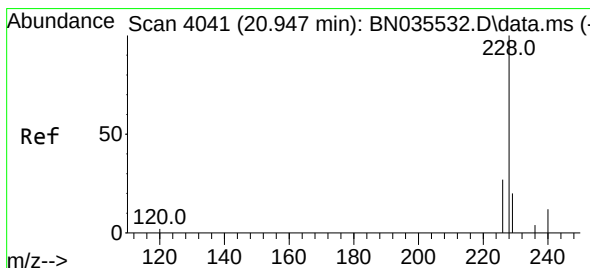
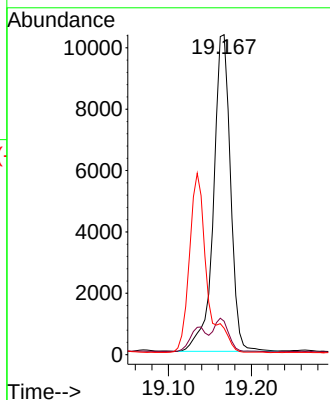
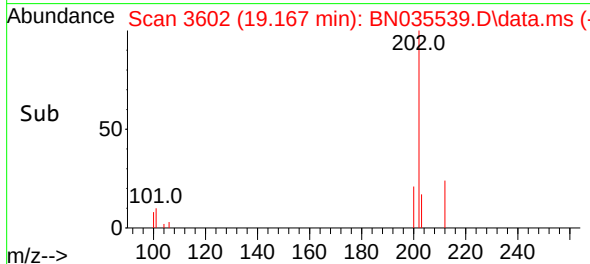
Instrument :
BNA_N
ClientSampleId :
E28M6



Tgt Ion:202 Resp: 1463
Ion Ratio Lower Upper
202 100
101 10.5 6.2 9.4
100 8.2 5.1 7.7

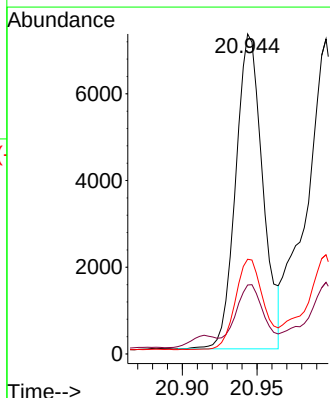
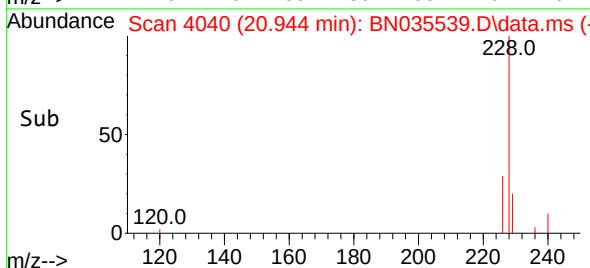
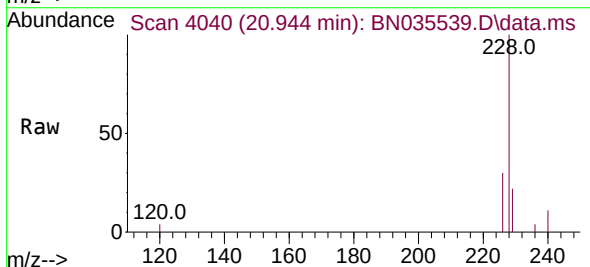
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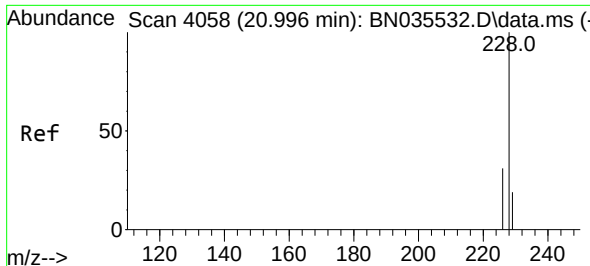
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#21
Benzo(a)anthracene
Concen: 0.326 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.003 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

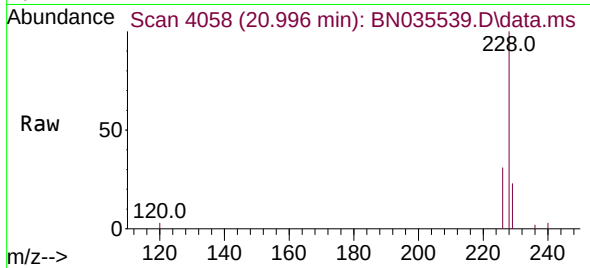
Tgt Ion:228 Resp: 9166
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.8
226 29.6 21.8 32.8





#22
Chrysene
Concen: 0.387 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

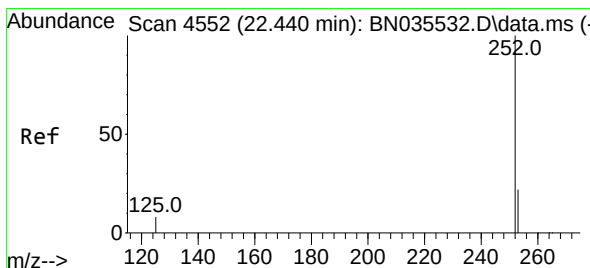
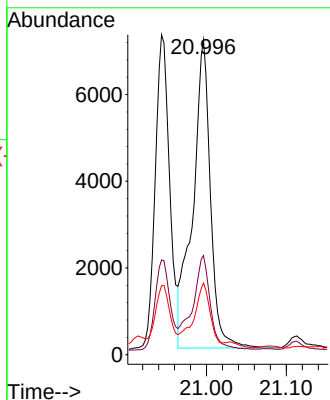
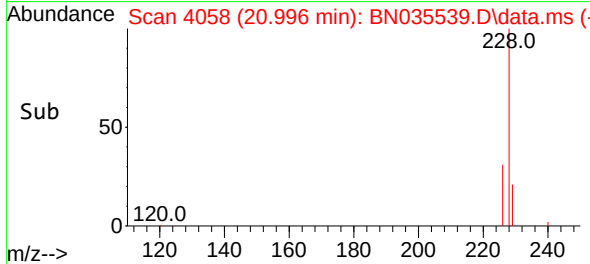
Instrument :
BNA_N
ClientSampleId :
E28M6



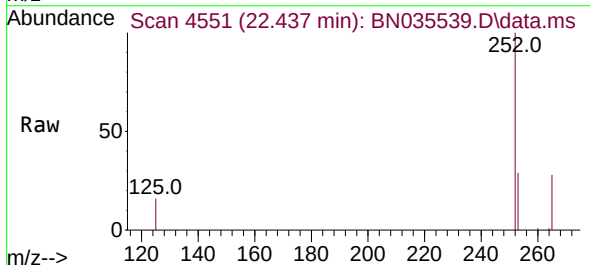
Tgt Ion:228 Resp: 10958
Ion Ratio Lower Upper
228 100
226 31.5 24.7 37.1
229 22.7 16.0 24.0

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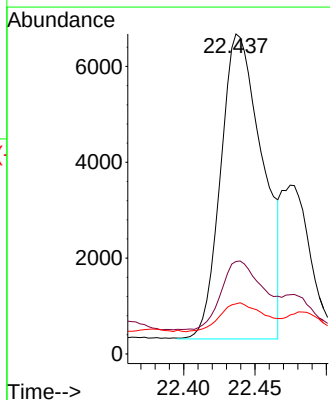
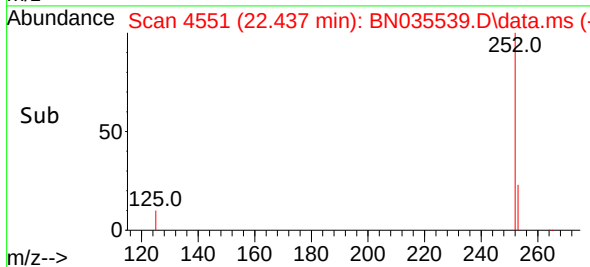
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

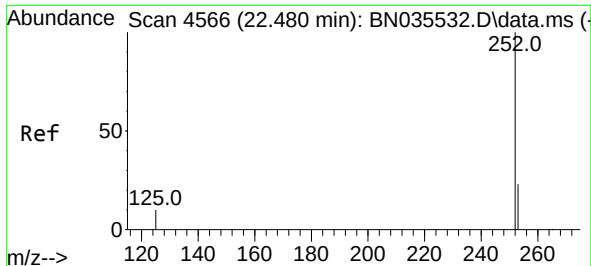


#24
Benzo(b)fluoranthene
Concen: 0.567 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42



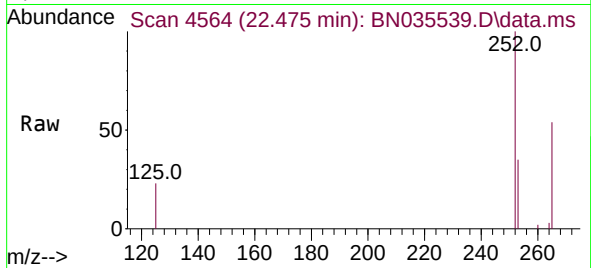
Tgt Ion:252 Resp: 12991
Ion Ratio Lower Upper
252 100
253 28.9 0.0 54.0
125 15.6 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.202 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

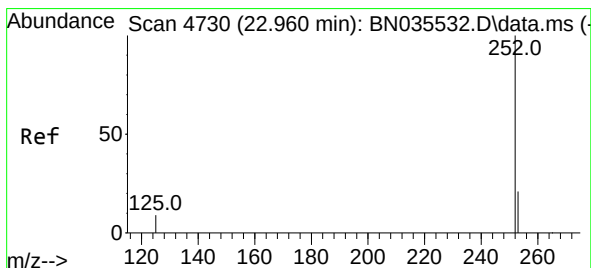
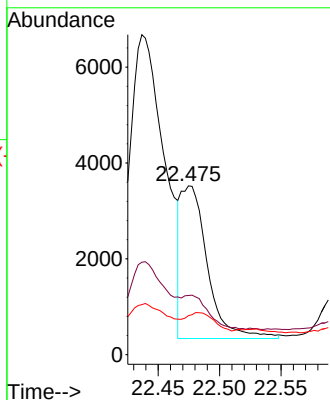
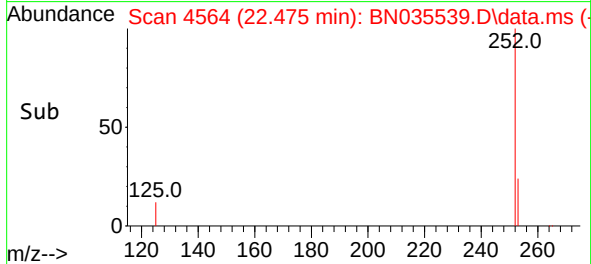
Instrument :
BNA_N
ClientSampleId :
E28M6



Tgt Ion:252 Resp: 4784
Ion Ratio Lower Upper
252 100
253 35.1 21.8 32.6
125 23.1 8.6 12.8

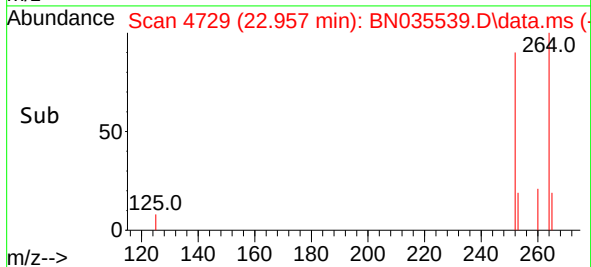
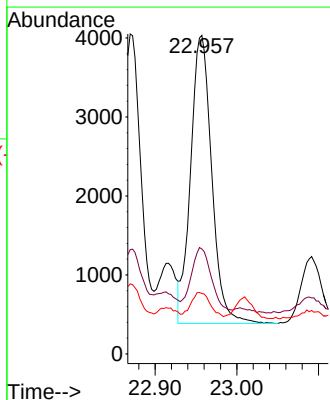
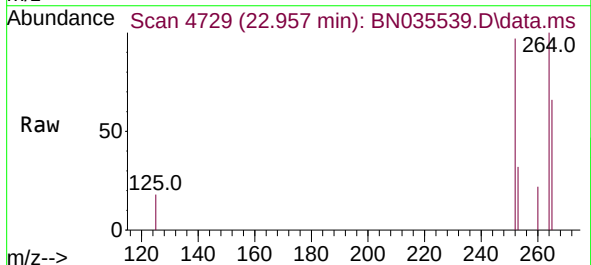
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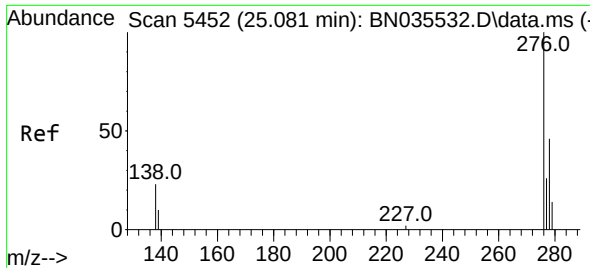
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
Benzo(a)pyrene
Concen: 0.313 ng/ul
RT: 22.957 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

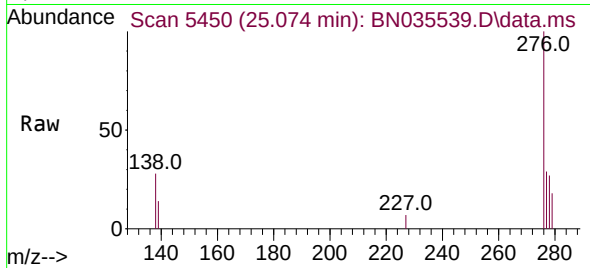
Tgt Ion:252 Resp: 6559
Ion Ratio Lower Upper
252 100
253 32.9 22.9 34.3
125 19.0 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.155 ng/ul
RT: 25.074 min Scan# 5452
Delta R.T. -0.007 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

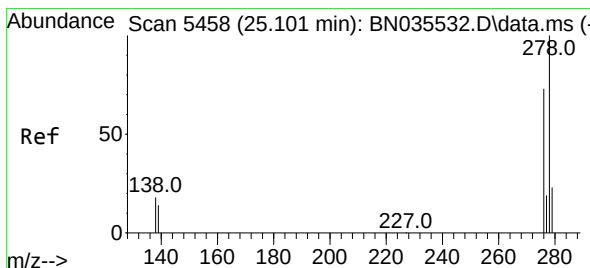
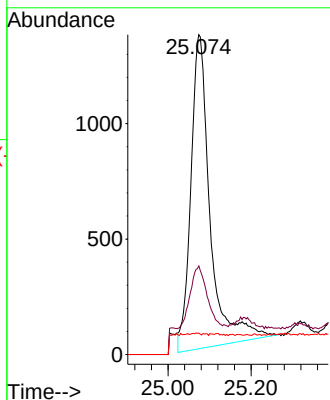
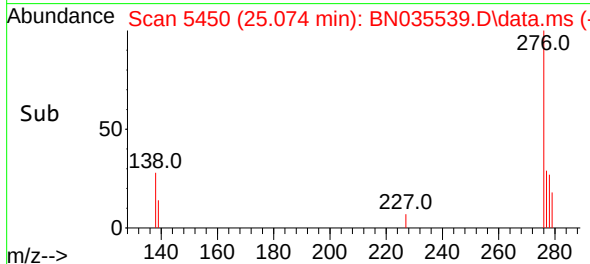
Instrument :
BNA_N
ClientSampleId :
E28M6



Tgt Ion:276 Resp: 4378
Ion Ratio Lower Upper
276 100
138 20.4 13.8 20.8
227 31.1 0.2 0.4

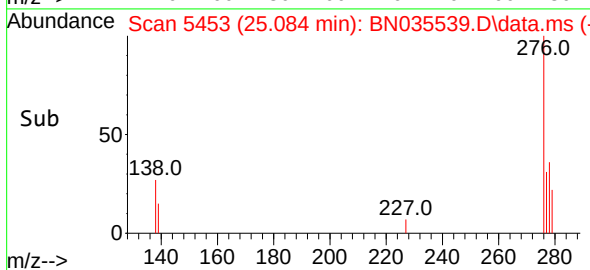
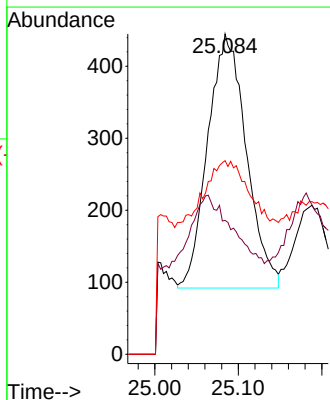
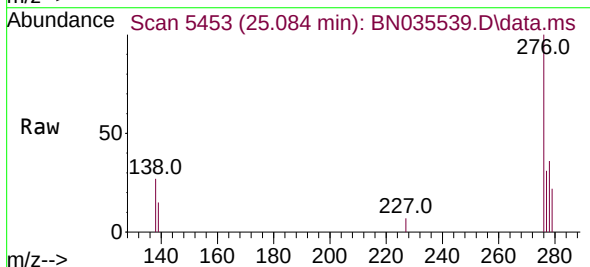
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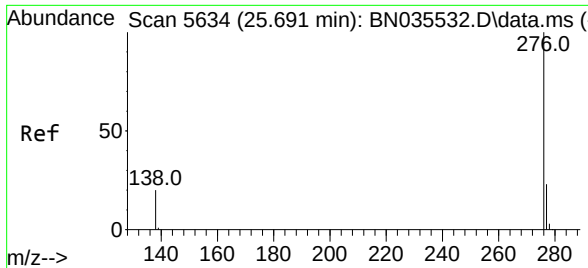
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. -0.017 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

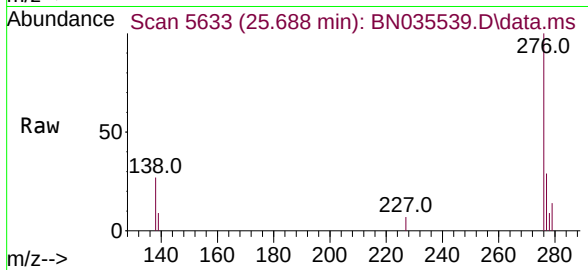
Tgt Ion:278 Resp: 1132
Ion Ratio Lower Upper
278 100
139 41.8 10.7 16.1#
279 60.4 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.164 ng/ul
RT: 25.688 min Scan# 50
Delta R.T. -0.003 min
Lab File: BN035539.D
Acq: 10 Dec 2024 19:42

Instrument :
BNA_N
ClientSampleId :
E28M6



Tgt Ion:276 Resp: 3654
Ion Ratio Lower Upper
276 100
138 27.0 13.0 19.6
277 29.1 20.5 30.7

Manual Integrations
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Supervised By :mohammad ahmed 12/12/2024

