

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035537.D
 Acq On : 10 Dec 2024 18:30
 Operator : RC/JU
 Sample : P5066-17
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N5

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:04:52 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	3276	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	9454	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6298	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	13273m	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	8460	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	7104m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	17602	5.879	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	4139	0.299	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	7558	0.324	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.086	128	963m	0.040	ng/ul	Qvalue
7) 2-Methylnaphthalene	11.714	142	654	0.040	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	446	0.027	ng/ul	96
15) Phenanthrene	16.755	178	3720	0.106	ng/ul	96
19) Fluoranthene	18.800	202	8370	0.284	ng/ul#	95
20) Pyrene	19.167	202	7569m	0.247	ng/ul	
21) Benzo(a)anthracene	20.944	228	3052	0.104	ng/ul	93
22) Chrysene	20.996	228	4167	0.141	ng/ul	95
24) Benzo(b)fluoranthene	22.437	252	5374m	0.229	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	2273m	0.094	ng/ul	
26) Benzo(a)pyrene	22.957	252	3717m	0.173	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.078	276	2688m	0.093	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	556m	0.024	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	2927m	0.128	ng/ul	

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

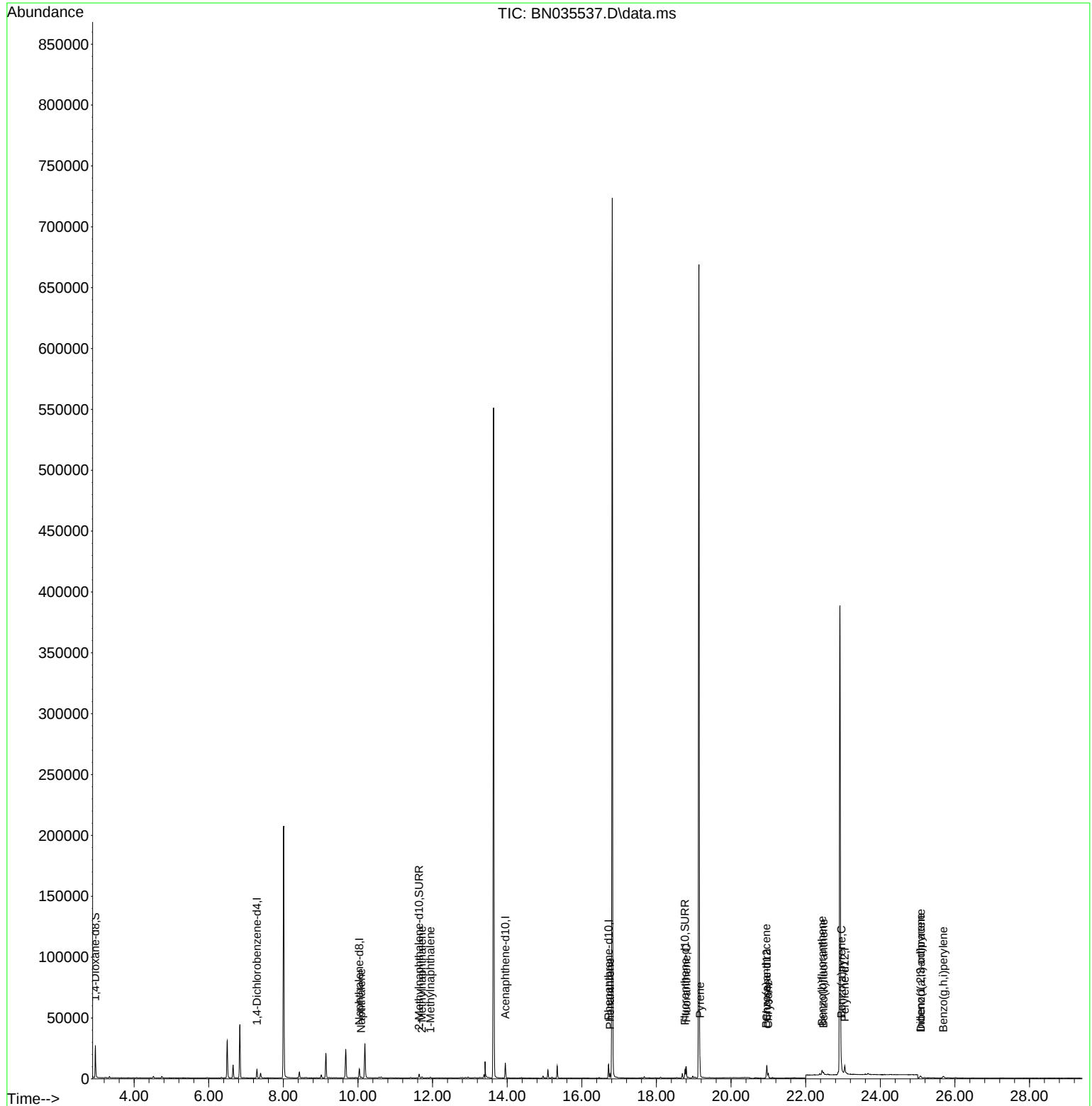
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035537.D
Acq On : 10 Dec 2024 18:30
Operator : RC/JU
Sample : P5066-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

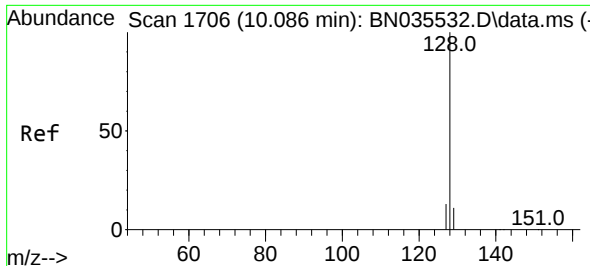
Instrument :
BNA_N
ClientSampleId :
E28N5

Manual Integrations
APPROVED

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

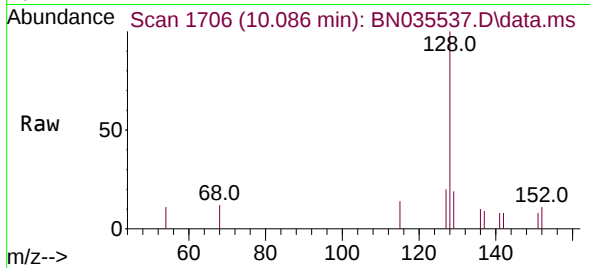
Quant Time: Dec 10 22:04:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.040 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

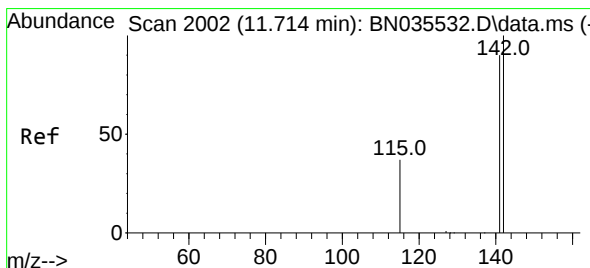
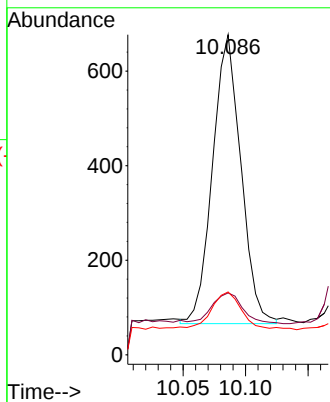
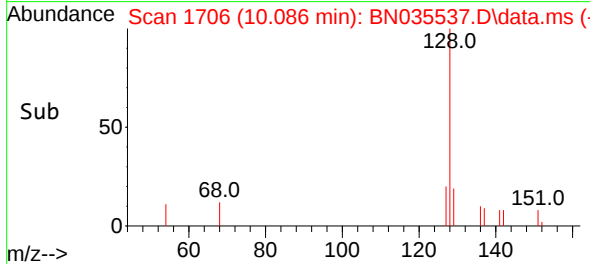
Instrument :
BNA_N
ClientSampleId :
E28N5



Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
129 19.4 9.9 14.9
127 19.6 11.4 17.2

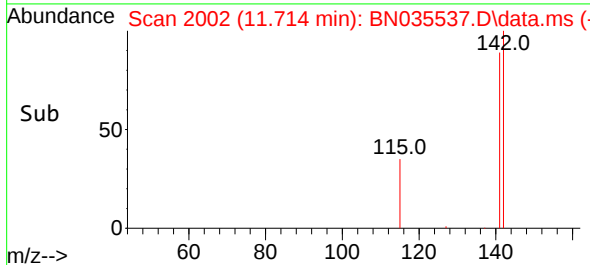
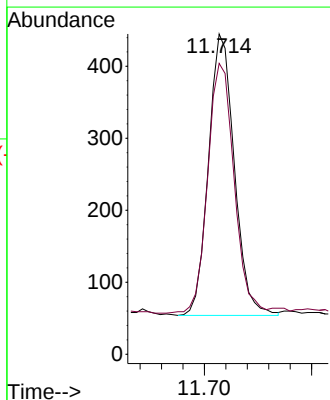
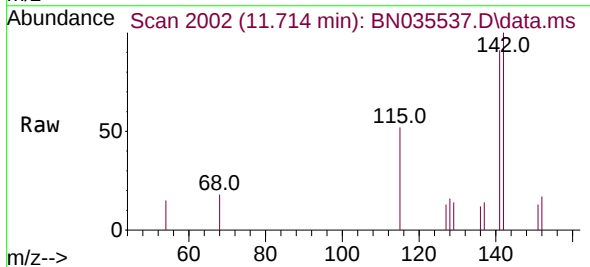
Manual Integrations
APPROVED

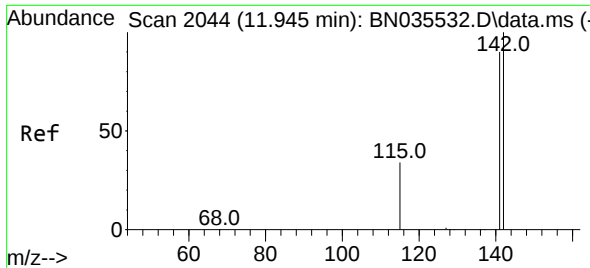
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

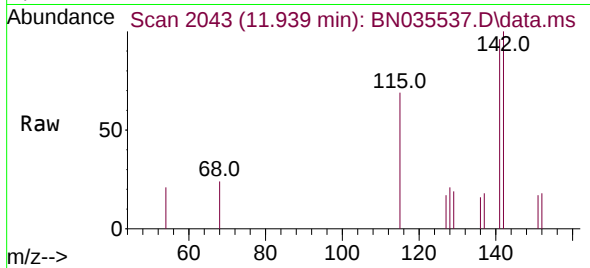
Tgt Ion:142 Resp: 654
Ion Ratio Lower Upper
142 100
141 91.7 70.4 105.6





#8
1-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 11.939 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

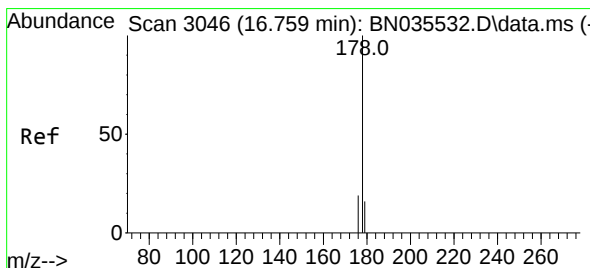
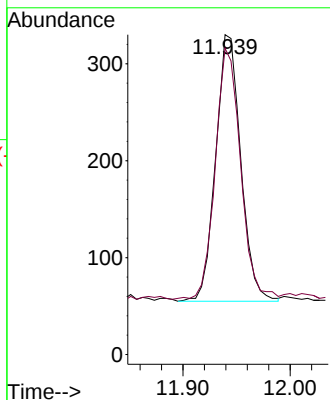
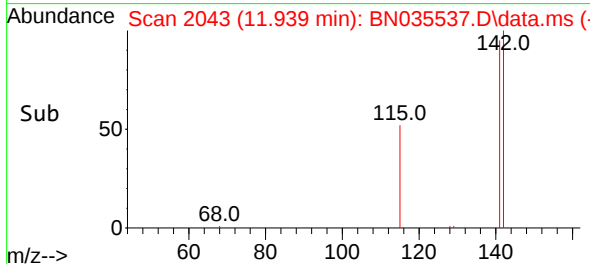
Instrument :
BNA_N
ClientSampleId :
E28N5



Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 95.3 73.1 109.7

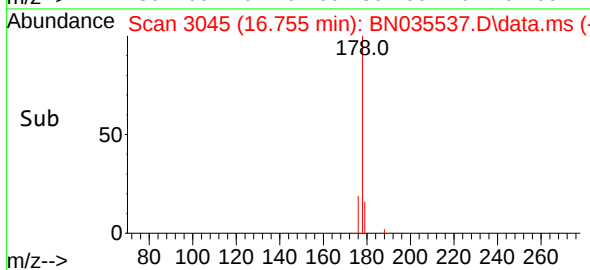
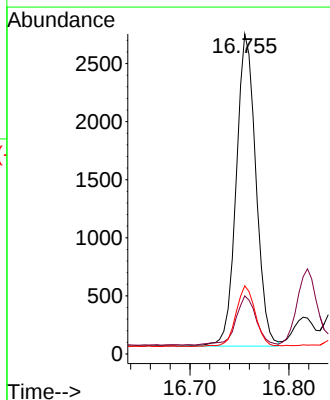
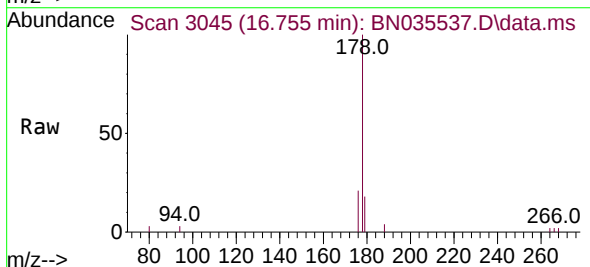
Manual Integrations
APPROVED

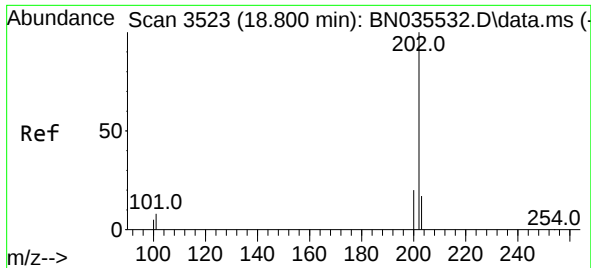
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

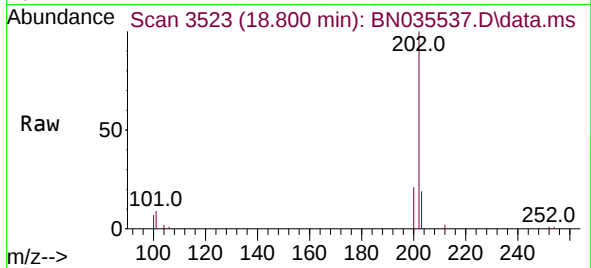
Tgt Ion:178 Resp: 3720
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 21.3 15.6 23.4





#19
Fluoranthene
Concen: 0.284 ng/ul
RT: 18.800 min Scan# 3523
Delta R.T. 0.000 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

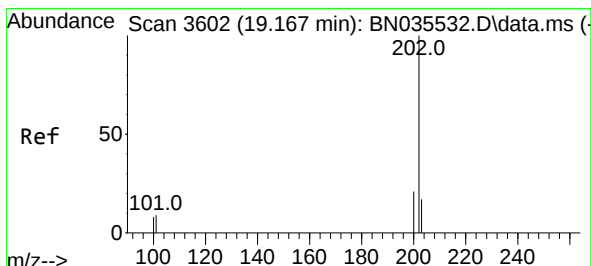
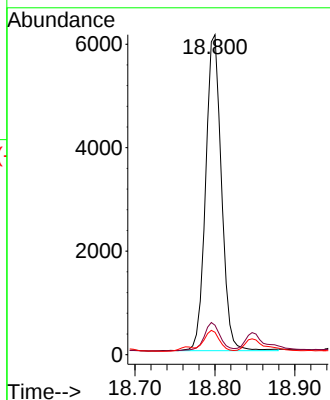
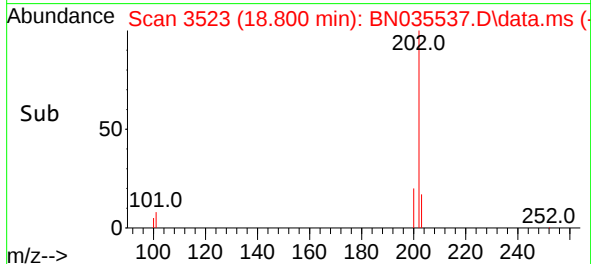
Instrument :
BNA_N
ClientSampleId :
E28N5



Tgt Ion:202 Resp: 8370
Ion Ratio Lower Upper
202 100
101 9.2 5.8 8.6
100 7.0 4.5 6.7

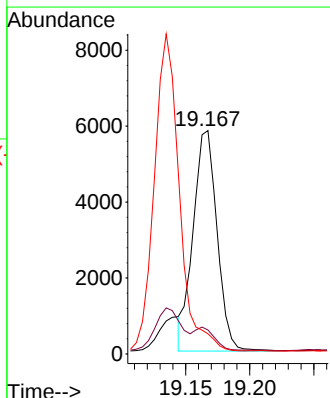
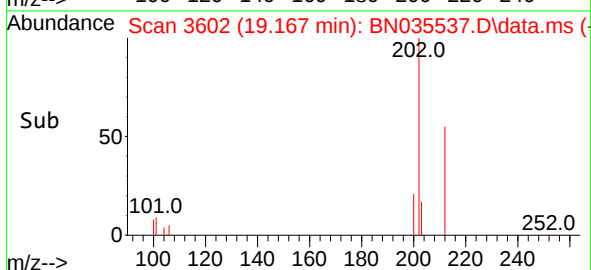
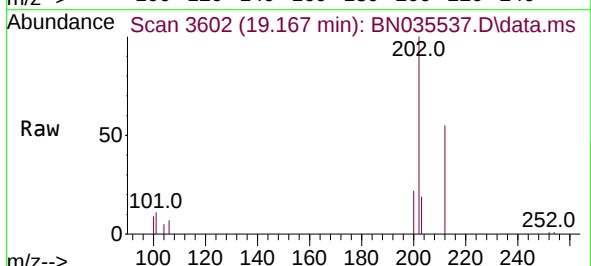
Manual Integrations
APPROVED

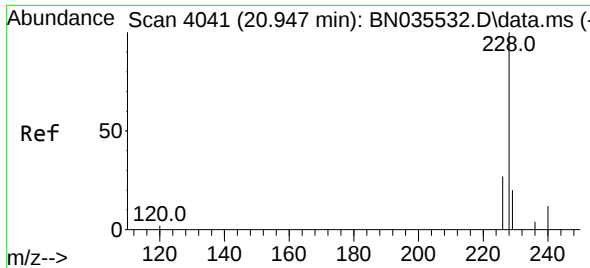
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#20
Pyrene
Concen: 0.247 ng/ul m
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

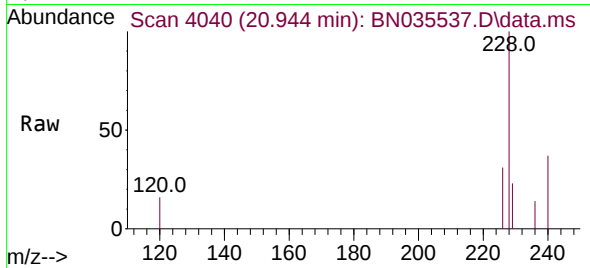
Tgt Ion:202 Resp: 7569
Ion Ratio Lower Upper
202 100
101 10.7 6.2 9.4#
100 9.0 5.1 7.7#





#21
Benzo(a)anthracene
Concen: 0.104 ng/ul
RT: 20.944 min Scan# 4041
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

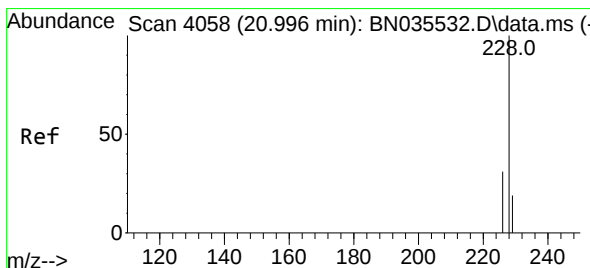
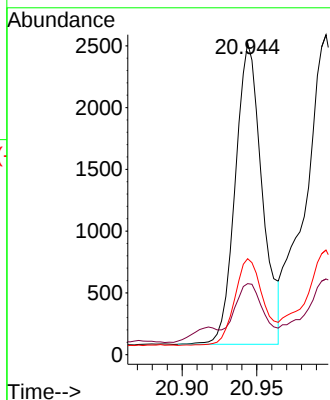
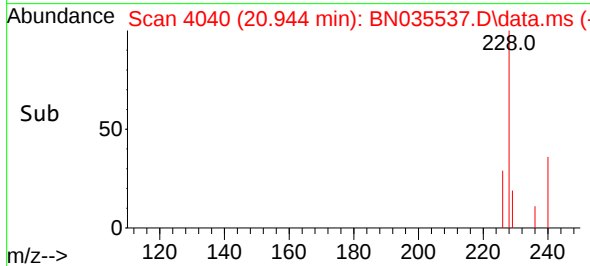
Instrument :
BNA_N
ClientSampleId :
E28N5



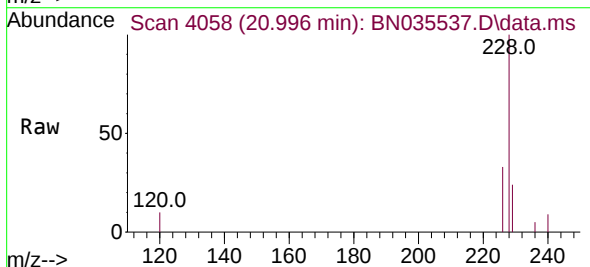
Tgt Ion:228 Resp: 3052
Ion Ratio Lower Upper
228 100
229 22.8 15.8 23.8
226 30.8 21.8 32.8

Manual Integrations
APPROVED

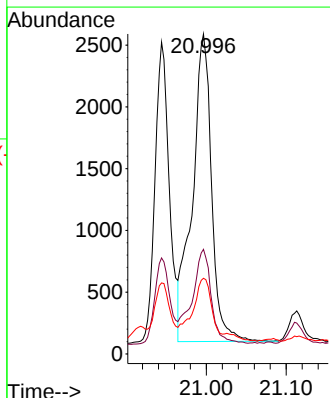
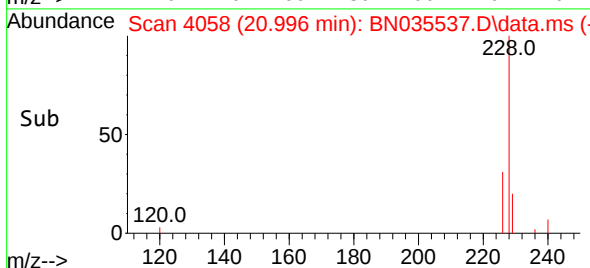
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

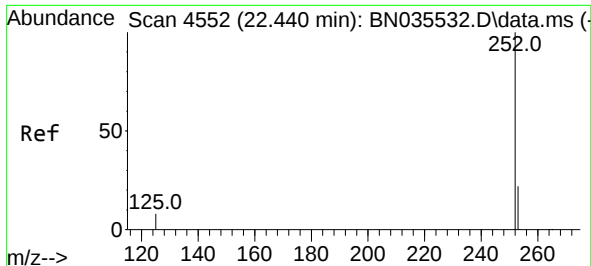


#22
Chrysene
Concen: 0.141 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30



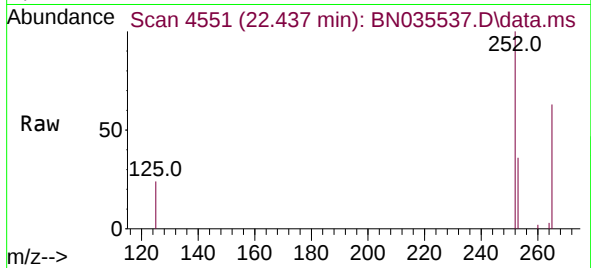
Tgt Ion:228 Resp: 4167
Ion Ratio Lower Upper
228 100
226 32.7 24.7 37.1
229 23.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.229 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

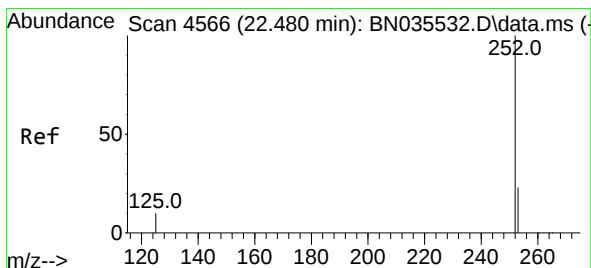
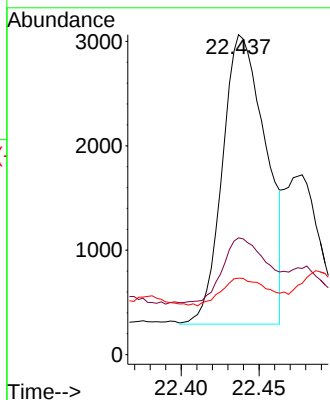
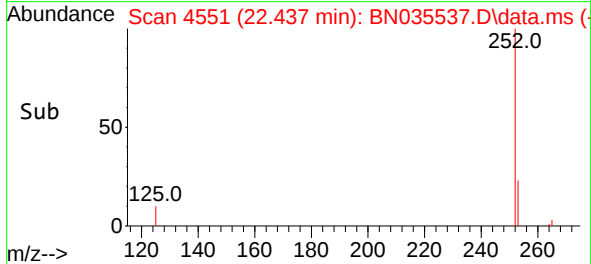
Instrument :
BNA_N
ClientSampleId :
E28N5



Tgt Ion:252 Resp: 5374
Ion Ratio Lower Upper
252 100
253 36.5 0.0 54.0
125 23.9 0.0 19.4

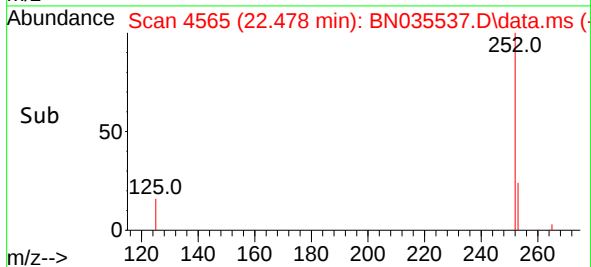
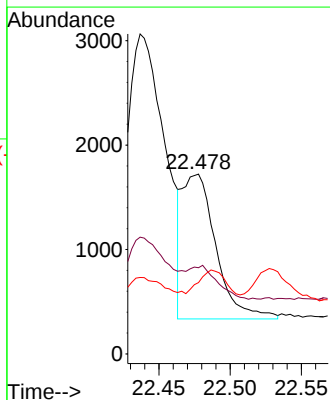
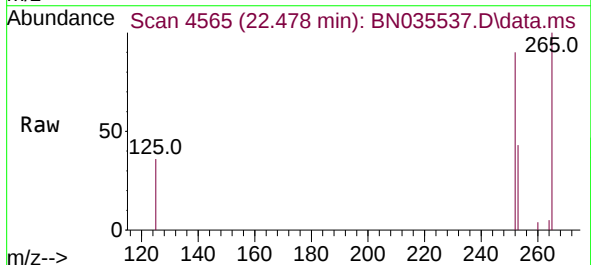
Manual Integrations
APPROVED

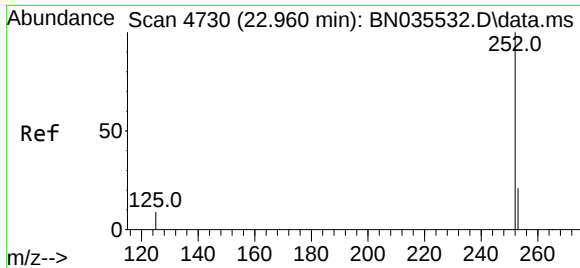
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#25
Benzo(k)fluoranthene
Concen: 0.094 ng/ul m
RT: 22.478 min Scan# 4565
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

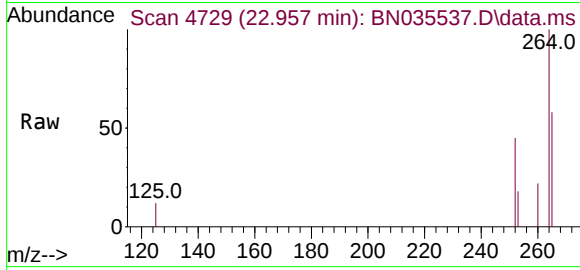
Tgt Ion:252 Resp: 2273
Ion Ratio Lower Upper
252 100
253 47.9 21.8 32.6#
125 39.7 8.6 12.8#





#26
Benzo(a)pyrene
Concen: 0.173 ng/ul m
RT: 22.957 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

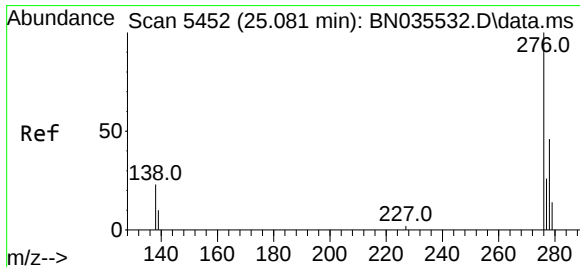
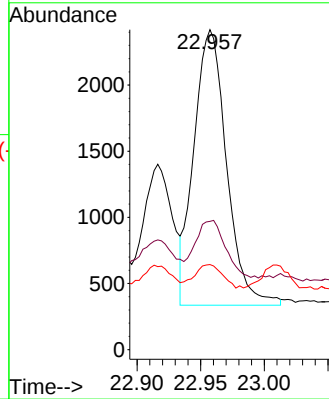
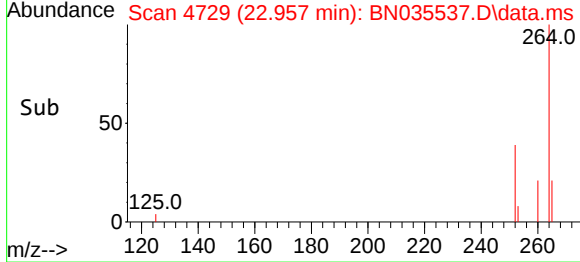
Instrument :
BNA_N
ClientSampleId :
E28N5



Tgt Ion:252 Resp: 371
Ion Ratio Lower Upper
252 100
253 40.1 22.9 34.3
125 26.6 9.4 14.2

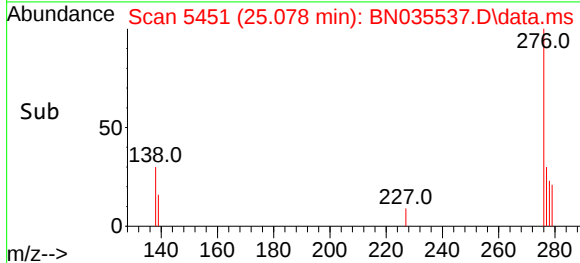
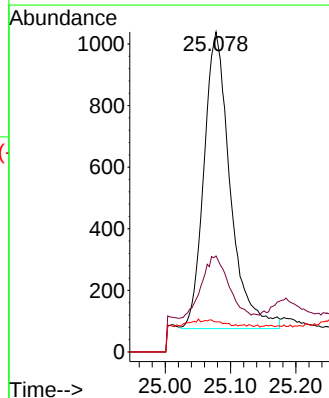
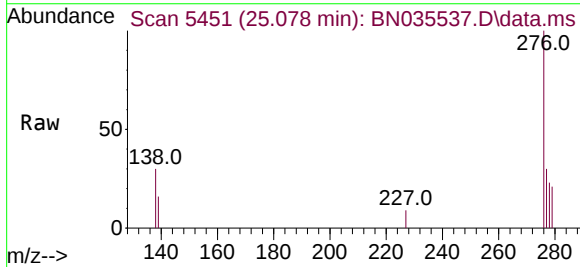
Manual Integrations
APPROVED

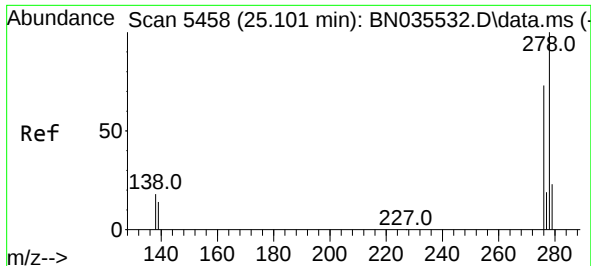
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.093 ng/ul m
RT: 25.078 min Scan# 5451
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

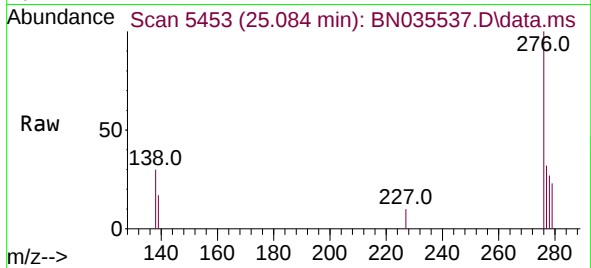
Tgt Ion:276 Resp: 2688
Ion Ratio Lower Upper
276 100
138 0.0 13.8 20.8#
227 0.0 0.2 0.4#





#28
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul m
RT: 25.084 min Scan# 5458
Delta R.T. -0.017 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30

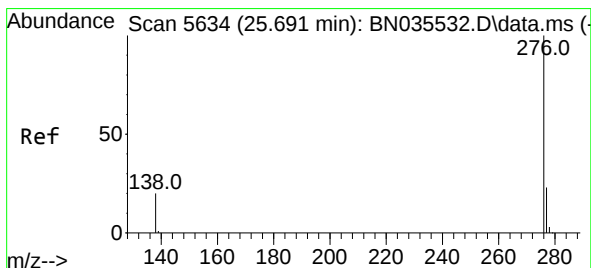
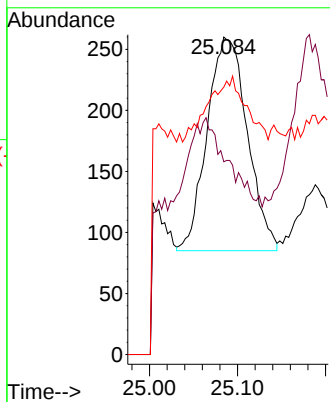
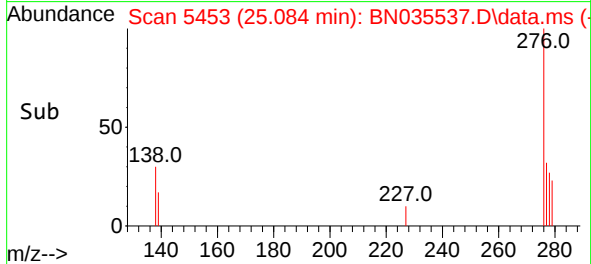
Instrument :
BNA_N
ClientSampleId :
E28N5



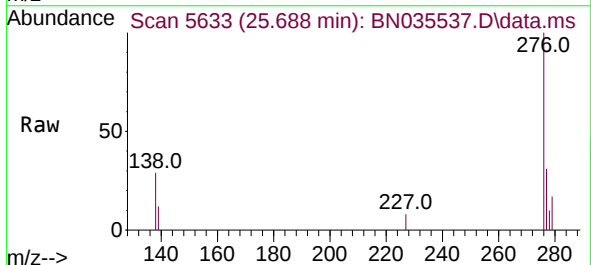
Tgt Ion:278 Resp: 550
Ion Ratio Lower Upper
278 100
139 60.8 10.7 16.1
279 84.2 22.8 34.2

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.128 ng/ul m
RT: 25.688 min Scan# 5633
Delta R.T. -0.003 min
Lab File: BN035537.D
Acq: 10 Dec 2024 18:30



Tgt Ion:276 Resp: 2927
Ion Ratio Lower Upper
276 100
138 29.5 13.0 19.6
277 30.7 20.5 30.7

