

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035538.D
 Acq On : 10 Dec 2024 19:06
 Operator : RC/JU
 Sample : P5066-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M4

Manual Integrations
 APPROVED

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

Quant Time: Dec 10 22:04:58 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 : 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	3322	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8988	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5477	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	11233	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	9040	0.400	ng/ul	# 0.00
23) Perylene-d12	23.045	264	8673m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	11804	3.888	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152	2707	0.206	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5865	0.235	ng/ul	0.00
Target Compounds						
5) Naphthalene	10.086	128	549m	0.024	ng/ul	Qvalue
7) 2-Methylnaphthalene	11.714	142	404	0.026	ng/ul	96
10) Acenaphthylene	13.662	152	1938	0.089	ng/ul#	90
15) Phenanthrene	16.755	178	1944	0.065	ng/ul#	89
16) Anthracene	16.848	178	2184	0.079	ng/ul#	90
19) Fluoranthene	18.800	202	10464	0.332	ng/ul#	95
20) Pyrene	19.167	202	12846m	0.392	ng/ul	
21) Benzo(a)anthracene	20.944	228	9785	0.312	ng/ul#	90
22) Chrysene	20.996	228	13790	0.437	ng/ul#	94
24) Benzo(b)fluoranthene	22.437	252	28046m	0.978	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	9578m	0.324	ng/ul	
26) Benzo(a)pyrene	22.957	252	13160	0.502	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.071	276	11333	0.320	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.084	278	2685m	0.097	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	10847	0.389	ng/ul#	94

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

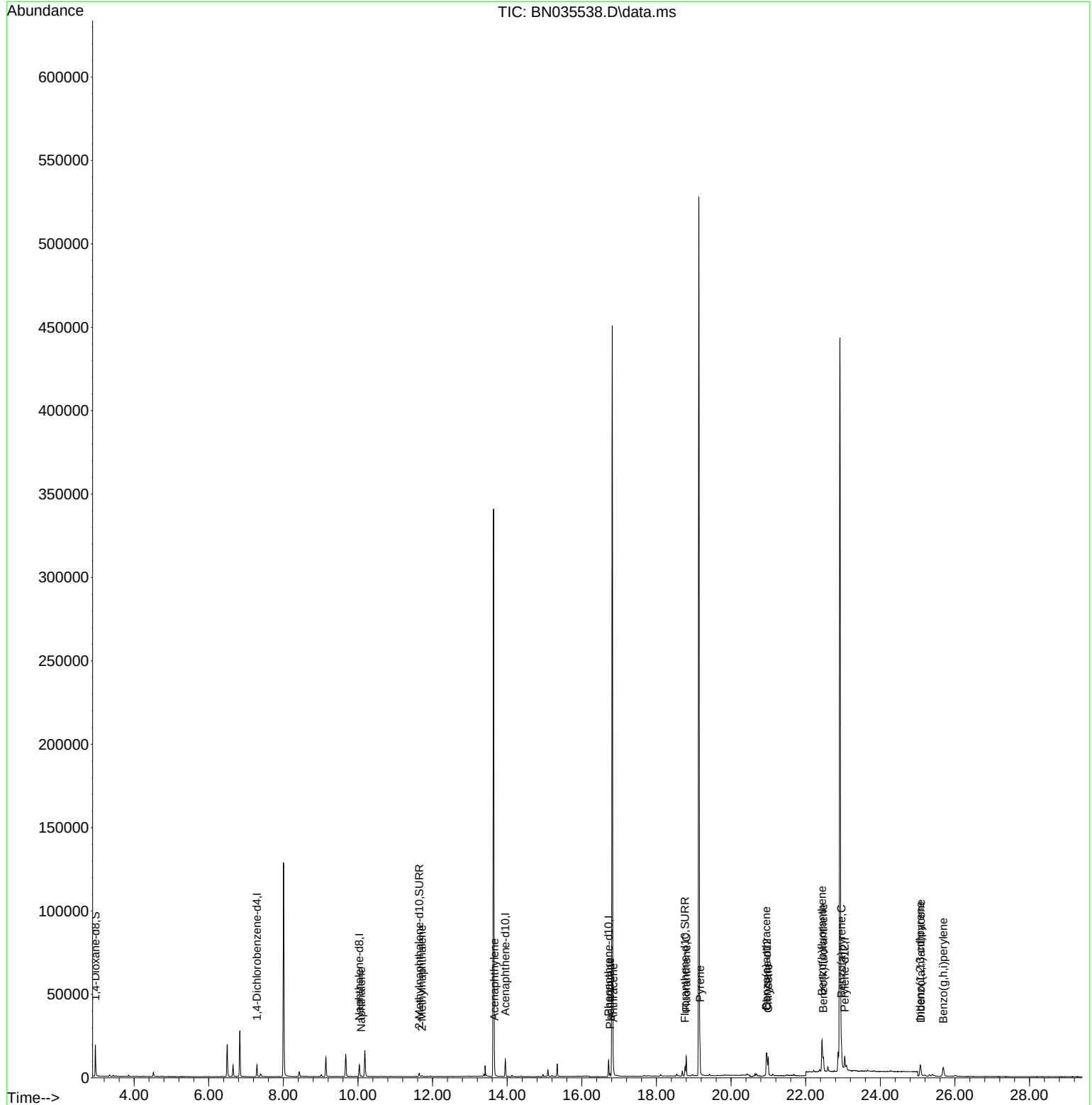
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035538.D
Acq On : 10 Dec 2024 19:06
Operator : RC/JU
Sample : P5066-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

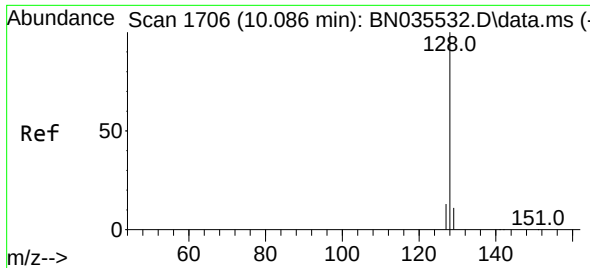
Instrument :
BNA_N
ClientSampleId :
E28M4

Manual Integrations
APPROVED

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

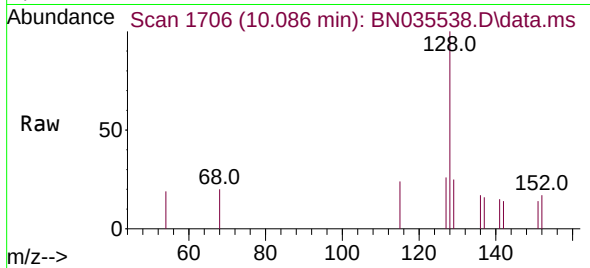
Quant Time: Dec 10 22:04:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.024 ng/ul m
RT: 10.086 min Scan# 1706
Delta R.T. 0.000 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

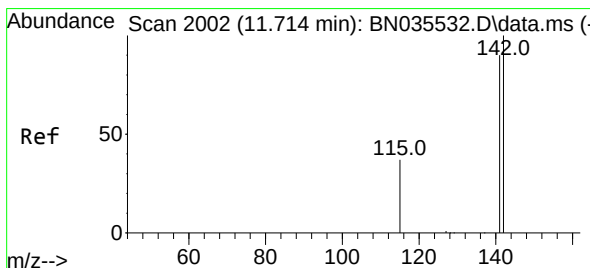
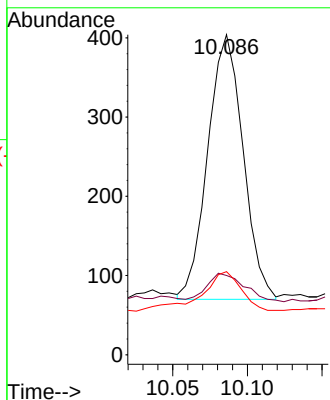
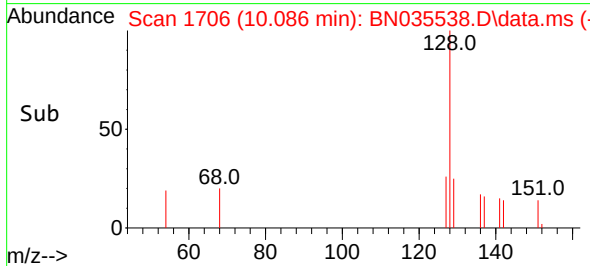
Instrument :
BNA_N
ClientSampleId :
E28M4



Tgt Ion:128 Resp: 549
Ion Ratio Lower Upper
128 100
129 24.8 9.9 14.9
127 26.0 11.4 17.2

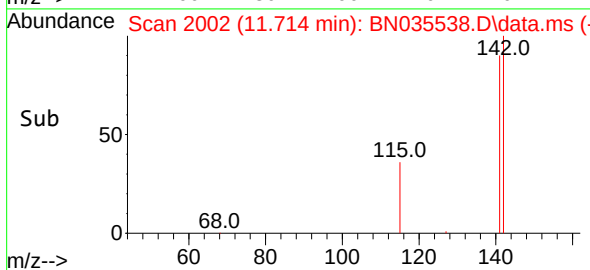
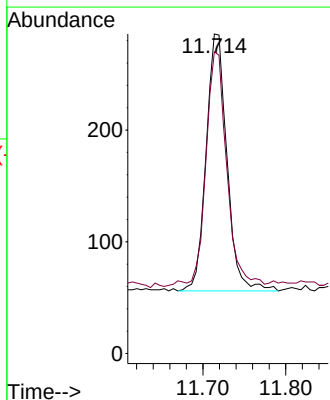
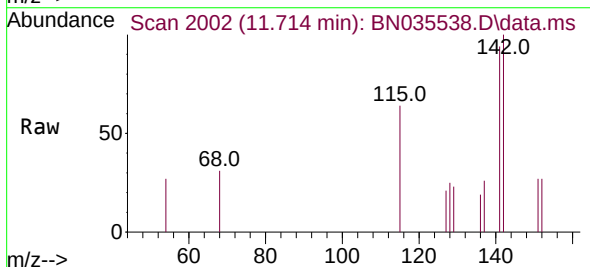
Manual Integrations
APPROVED

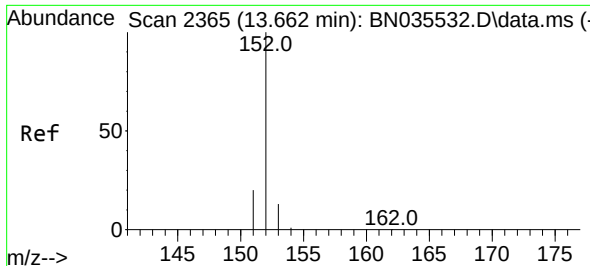
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 11.714 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

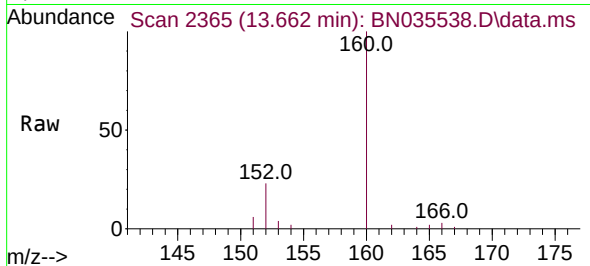
Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
142 100
141 91.8 70.4 105.6





#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.662 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

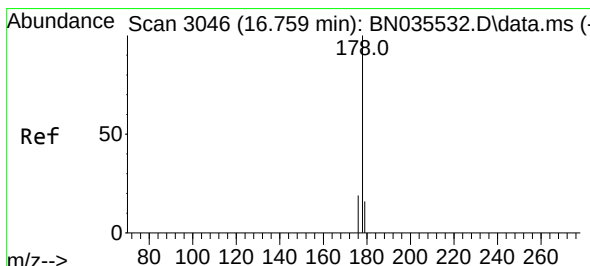
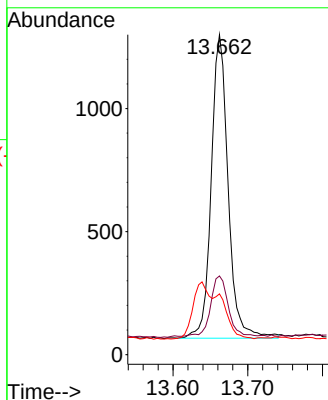
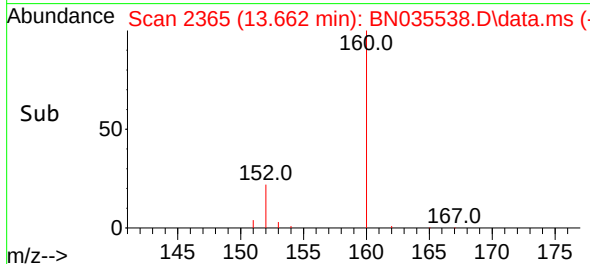
Instrument :
BNA_N
ClientSampleId :
E28M4



Tgt Ion:152 Resp: 1938
Ion Ratio Lower Upper
152 100
151 24.6 16.4 24.6
153 19.0 11.1 16.7

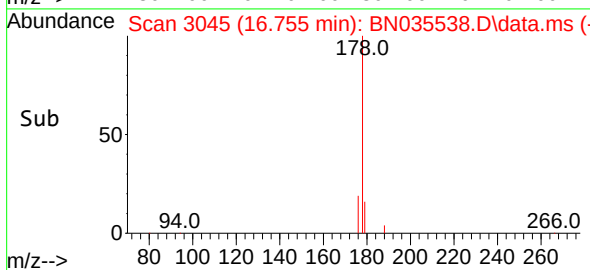
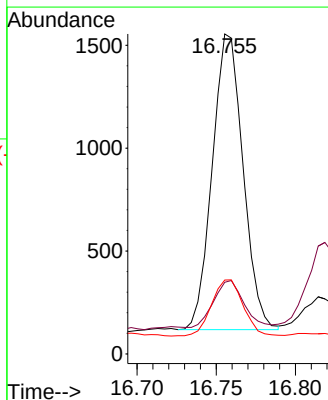
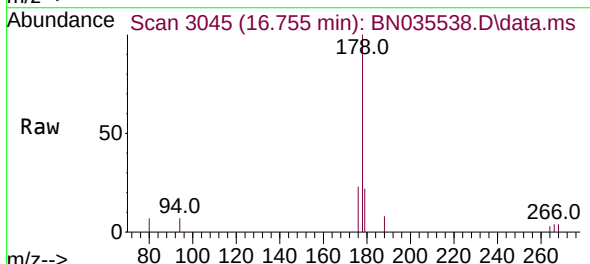
Manual Integrations
APPROVED

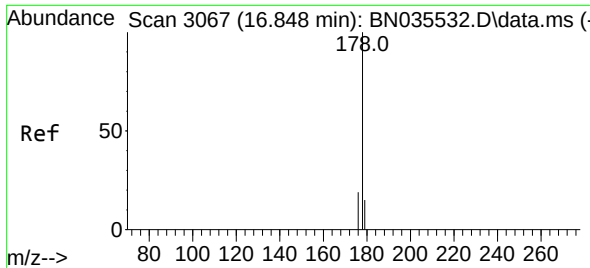
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#15
Phenanthrene
Concen: 0.065 ng/ul
RT: 16.755 min Scan# 3045
Delta R.T. -0.004 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

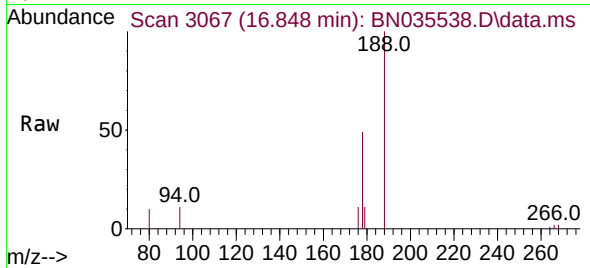
Tgt Ion:178 Resp: 1944
Ion Ratio Lower Upper
178 100
179 22.4 12.9 19.3
176 23.1 15.6 23.4





#16
 Anthracene
 Concen: 0.079 ng/u1
 RT: 16.848 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BN035538.D
 Acq: 10 Dec 2024 19:06

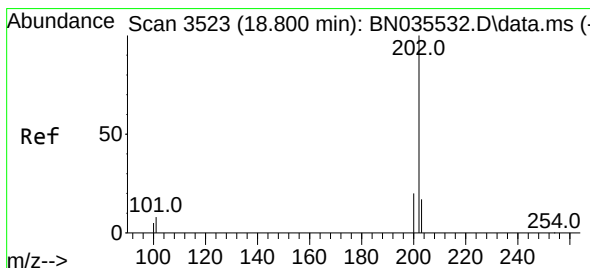
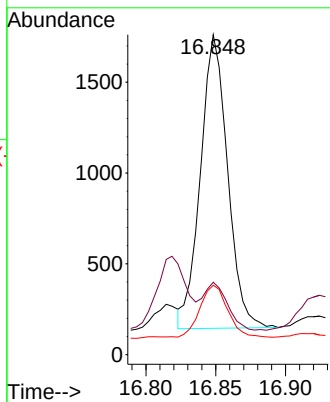
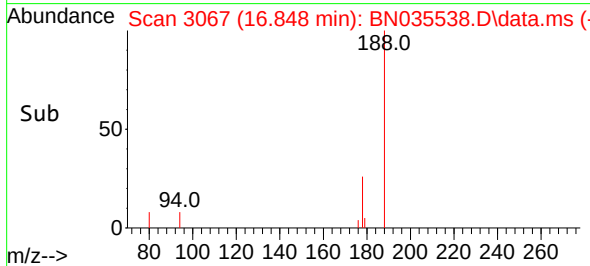
Instrument :
 BNA_N
 ClientSampleId :
 E28M4



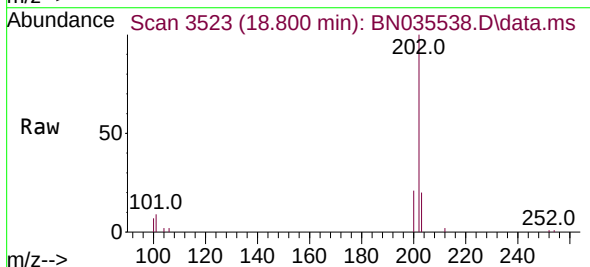
Tgt Ion:178 Resp: 2184
 Ion Ratio Lower Upper
 178 100
 179 22.6 12.9 19.3#
 176 21.7 15.4 23.2#

Manual Integrations
 APPROVED

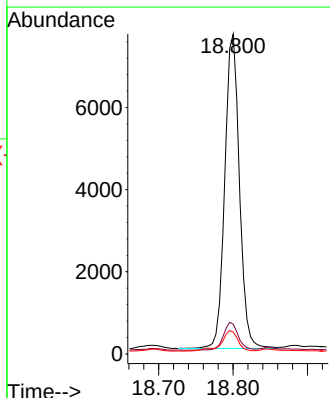
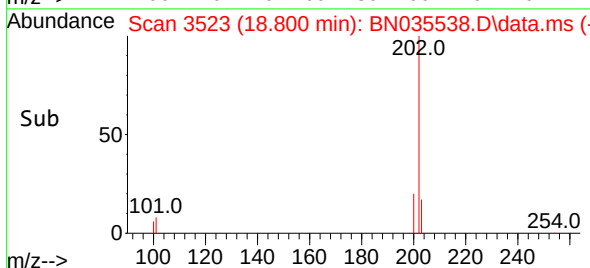
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

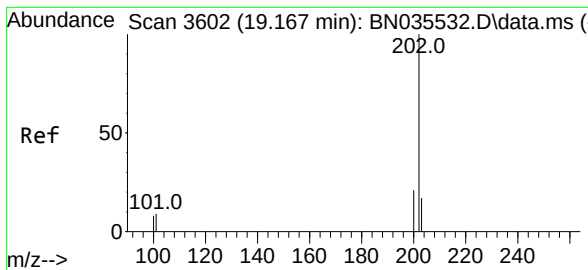


#19
 Fluoranthene
 Concen: 0.332 ng/u1
 RT: 18.800 min Scan# 3523
 Delta R.T. 0.000 min
 Lab File: BN035538.D
 Acq: 10 Dec 2024 19:06



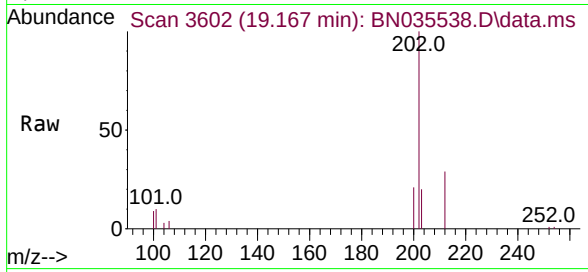
Tgt Ion:202 Resp: 10464
 Ion Ratio Lower Upper
 202 100
 101 9.3 5.8 8.6#
 100 6.8 4.5 6.7#





#20
Pyrene
Concen: 0.392 ng/ul m
RT: 19.167 min Scan# 3602
Delta R.T. 0.000 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

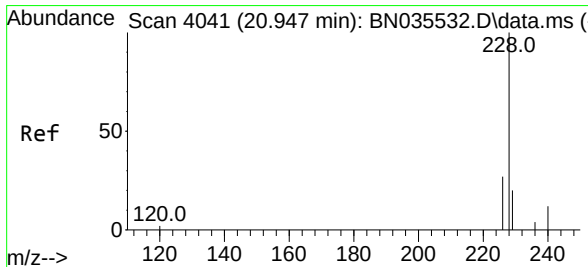
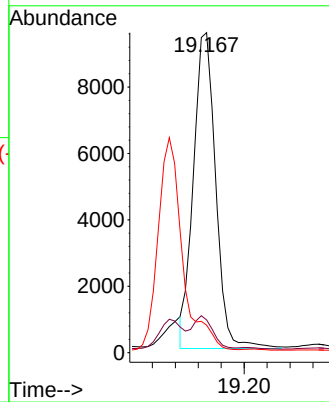
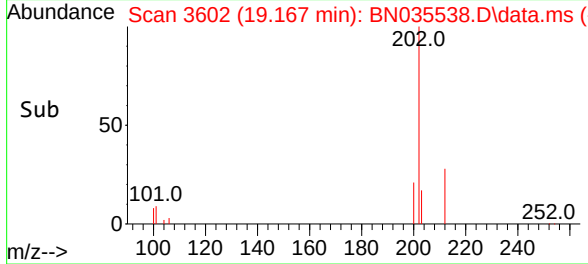
Instrument :
BNA_N
ClientSampleId :
E28M4



Tgt Ion:202 Resp: 12840
Ion Ratio Lower Upper
202 100
101 10.3 6.2 9.4
100 8.6 5.1 7.7

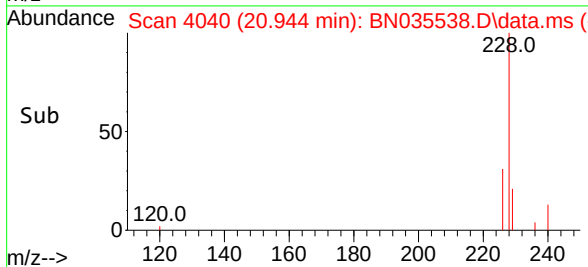
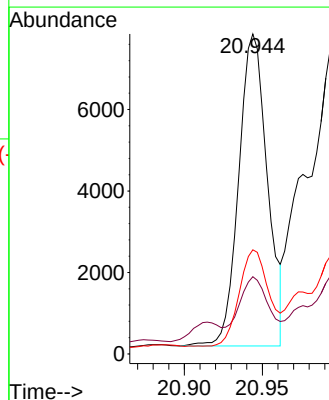
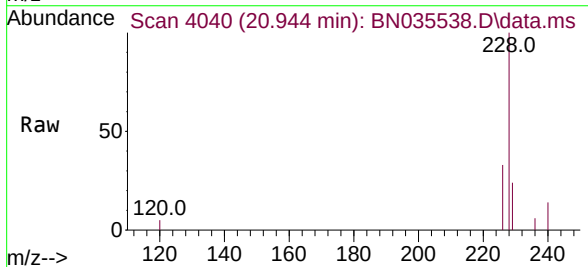
Manual Integrations
APPROVED

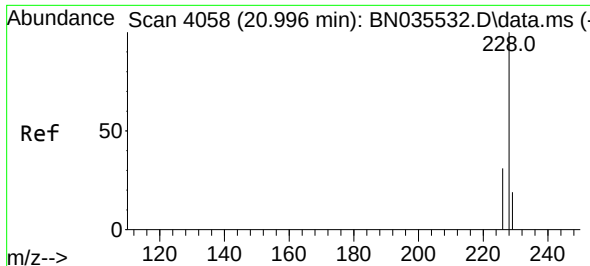
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 20.944 min Scan# 4040
Delta R.T. -0.003 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

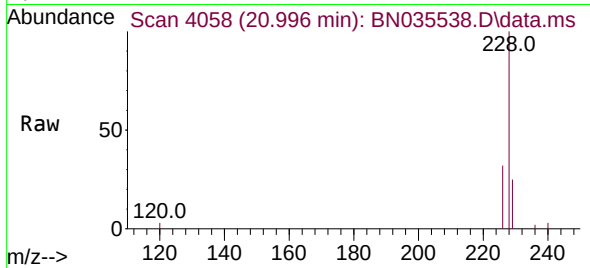
Tgt Ion:228 Resp: 9785
Ion Ratio Lower Upper
228 100
229 24.1 15.8 23.8
226 32.6 21.8 32.8





#22
Chrysene
Concen: 0.437 ng/ul
RT: 20.996 min Scan# 4058
Delta R.T. 0.000 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

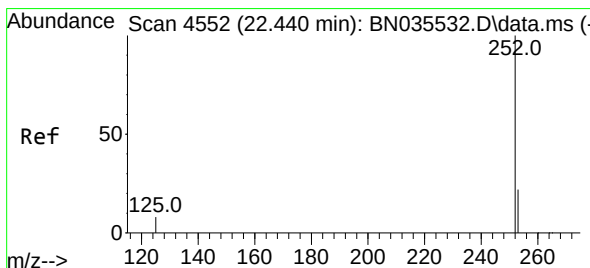
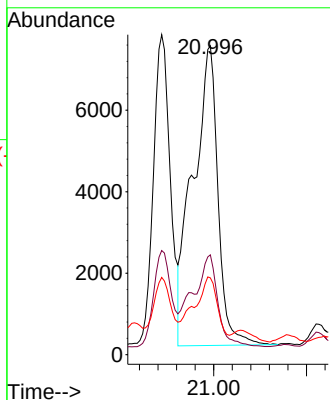
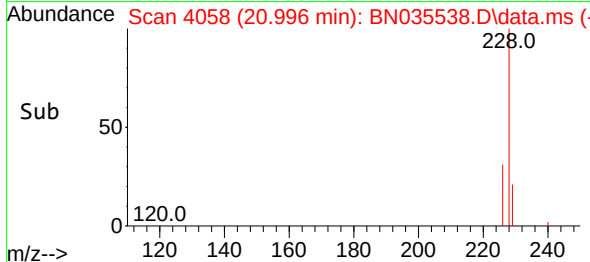
Instrument :
BNA_N
ClientSampleId :
E28M4



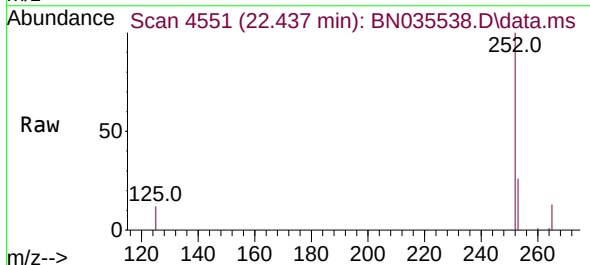
Tgt Ion:228 Resp: 13790
Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 24.9 16.0 24.0

Manual Integrations
APPROVED

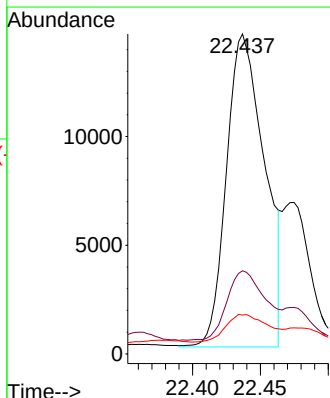
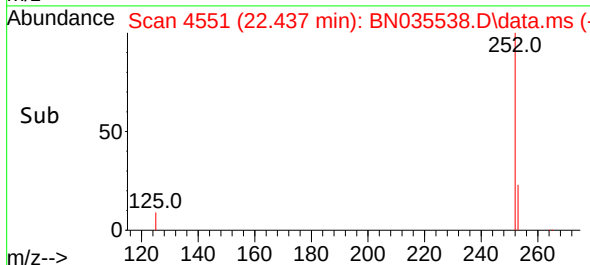
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

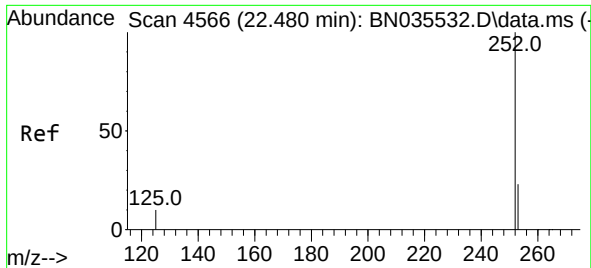


#24
Benzo(b)fluoranthene
Concen: 0.978 ng/ul m
RT: 22.437 min Scan# 4551
Delta R.T. -0.003 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06



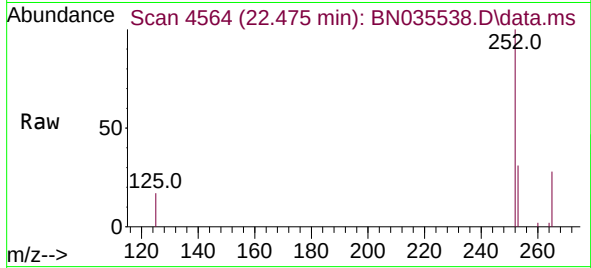
Tgt Ion:252 Resp: 28046
Ion Ratio Lower Upper
252 100
253 26.0 0.0 54.0
125 12.2 0.0 19.4





#25
Benzo(k)fluoranthene
Concen: 0.324 ng/ul m
RT: 22.475 min Scan# 4564
Delta R.T. -0.006 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

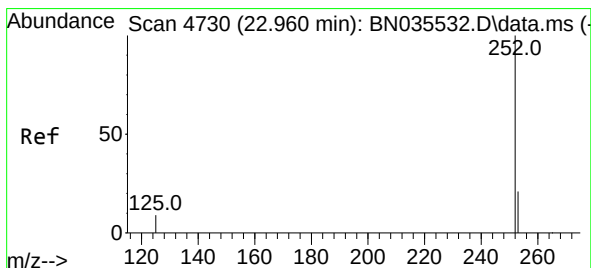
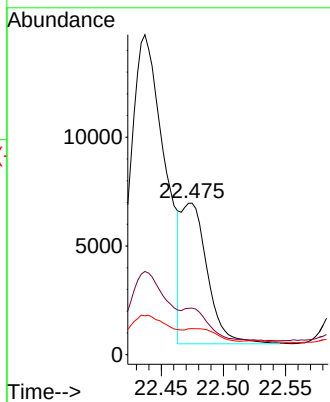
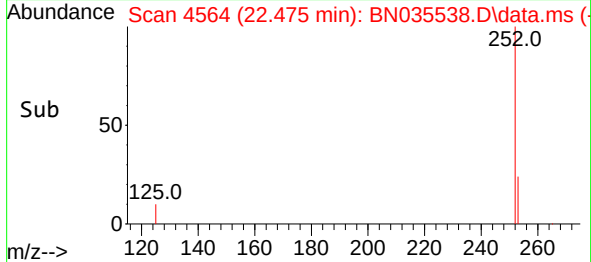
Instrument :
BNA_N
ClientSampleId :
E28M4



Tgt Ion:252 Resp: 9578
Ion Ratio Lower Upper
252 100
253 30.8 21.8 32.6
125 17.2 8.6 12.8

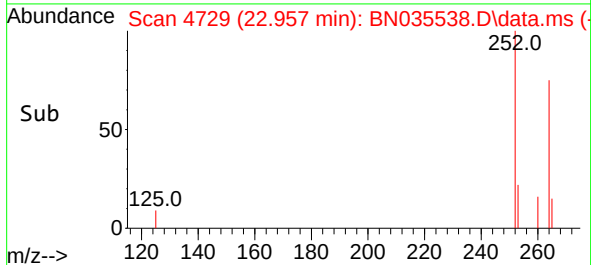
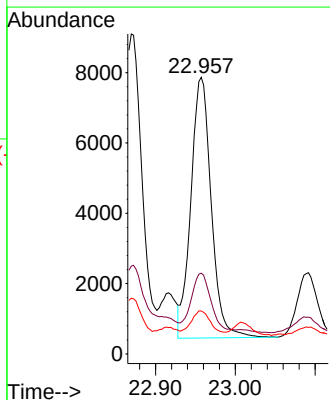
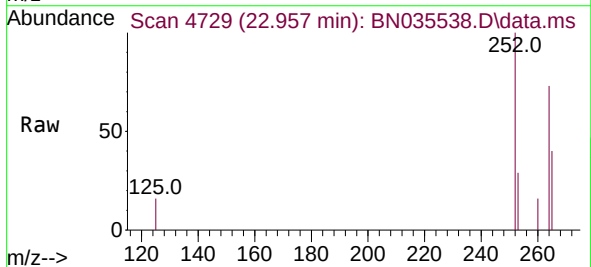
Manual Integrations
APPROVED

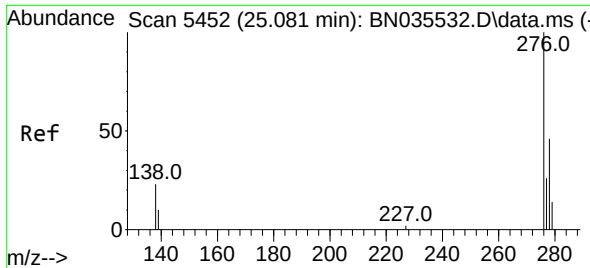
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
Benzo(a)pyrene
Concen: 0.502 ng/ul
RT: 22.957 min Scan# 4729
Delta R.T. -0.003 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

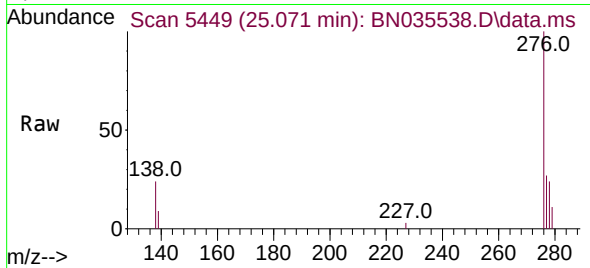
Tgt Ion:252 Resp: 13160
Ion Ratio Lower Upper
252 100
253 29.2 22.9 34.3
125 15.5 9.4 14.2





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/ul
RT: 25.071 min Scan# 5449
Delta R.T. -0.010 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

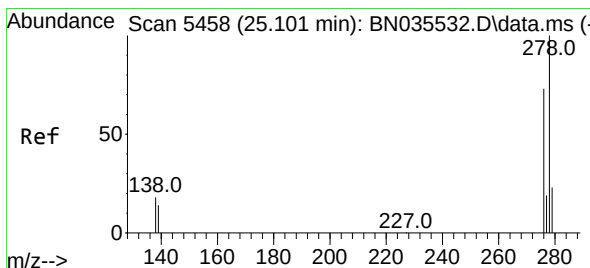
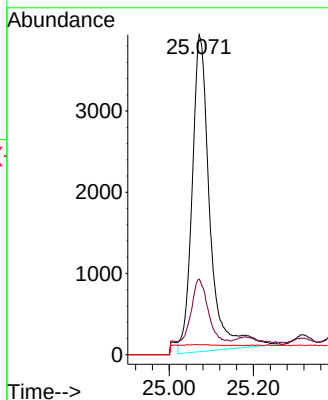
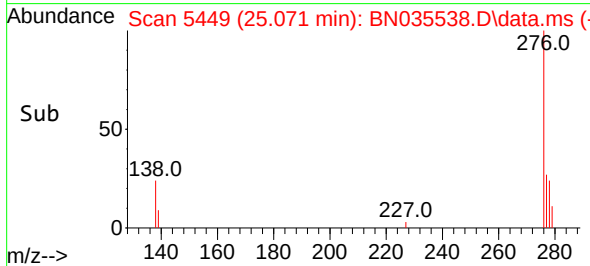
Instrument :
BNA_N
ClientSampleId :
E28M4



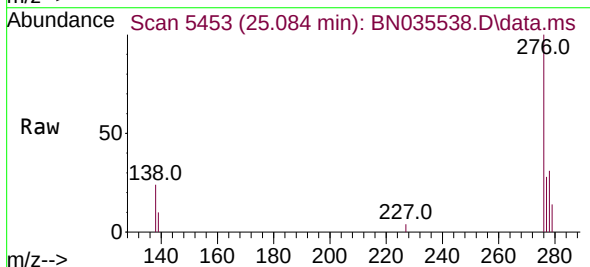
Tgt Ion:276 Resp: 1133
Ion Ratio Lower Upper
276 100
138 20.4 13.8 20.8
227 16.0 0.2 0.4

Manual Integrations
APPROVED

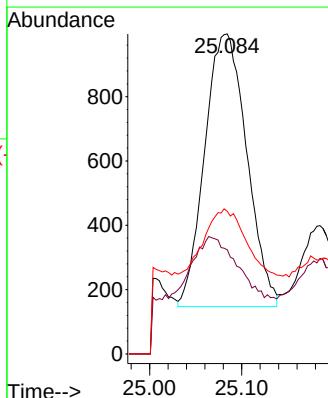
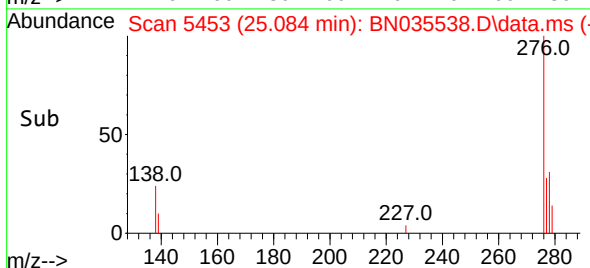
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

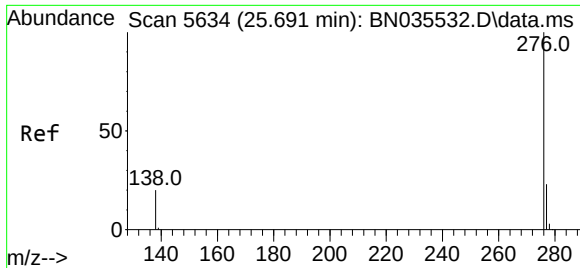


#28
Dibenzo(a,h)anthracene
Concen: 0.097 ng/ul m
RT: 25.084 min Scan# 5453
Delta R.T. -0.017 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06



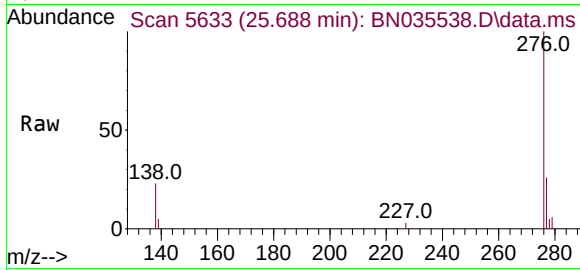
Tgt Ion:278 Resp: 2685
Ion Ratio Lower Upper
278 100
139 32.6 10.7 16.1#
279 44.5 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 25.688 min Scan# 50
Delta R.T. -0.003 min
Lab File: BN035538.D
Acq: 10 Dec 2024 19:06

Instrument :
BNA_N
ClientSampleId :
E28M4



Tgt Ion:276 Resp: 1084
Ion Ratio Lower Upper
276 100
138 22.9 13.0 19.6
277 25.8 20.5 30.7

Manual Integrations
APPROVED

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

