

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032867.D
 Acq On : 20 Jul 2024 07:27
 Operator : MA/JU
 Sample : P3238-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BZ5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 21 22:43:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 20 01:52:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4740	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	15149	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	8322	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	14349	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	11262	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	13412	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	11809	2.075	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	3234	0.141	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	5157	0.141	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	12244	0.301	ng/ul	99
7) 2-Methylnaphthalene	11.971	142	5370	0.211	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	4906	0.187	ng/ul	99
10) Acenaphthylene	13.897	152	18478	0.550	ng/ul	97
11) Acenaphthene	14.239	153	13997	0.503	ng/ul	98
12) Fluorene	15.238	166	17888	0.563	ng/ul	99
14) Pentachlorophenol	16.619	266	122	0.048	ng/ul	91
15) Phenanthrene	16.978	178	359000	9.187	ng/ul	99
16) Anthracene	17.075	178	62535	1.959	ng/ul	99
19) Fluoranthene	19.013	202	799119	17.452	ng/ul	98
20) Pyrene	19.380	202	588237	12.411	ng/ul	97
21) Benzo(a)anthracene	21.138	228	335232	9.351	ng/ul	99
22) Chrysene	21.191	228	411643	7.938	ng/ul	98
24) Benzo(b)fluoranthene	22.693	252	577922m	12.212	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	217418m	3.770	ng/ul	
26) Benzo(a)pyrene	23.251	252	216138	5.278	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.555	276	228910	4.128	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.552	278	70996	1.652	ng/ul#	83
29) Benzo(g,h,i)perylene	26.236	276	35218	0.760	ng/ul#	81

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

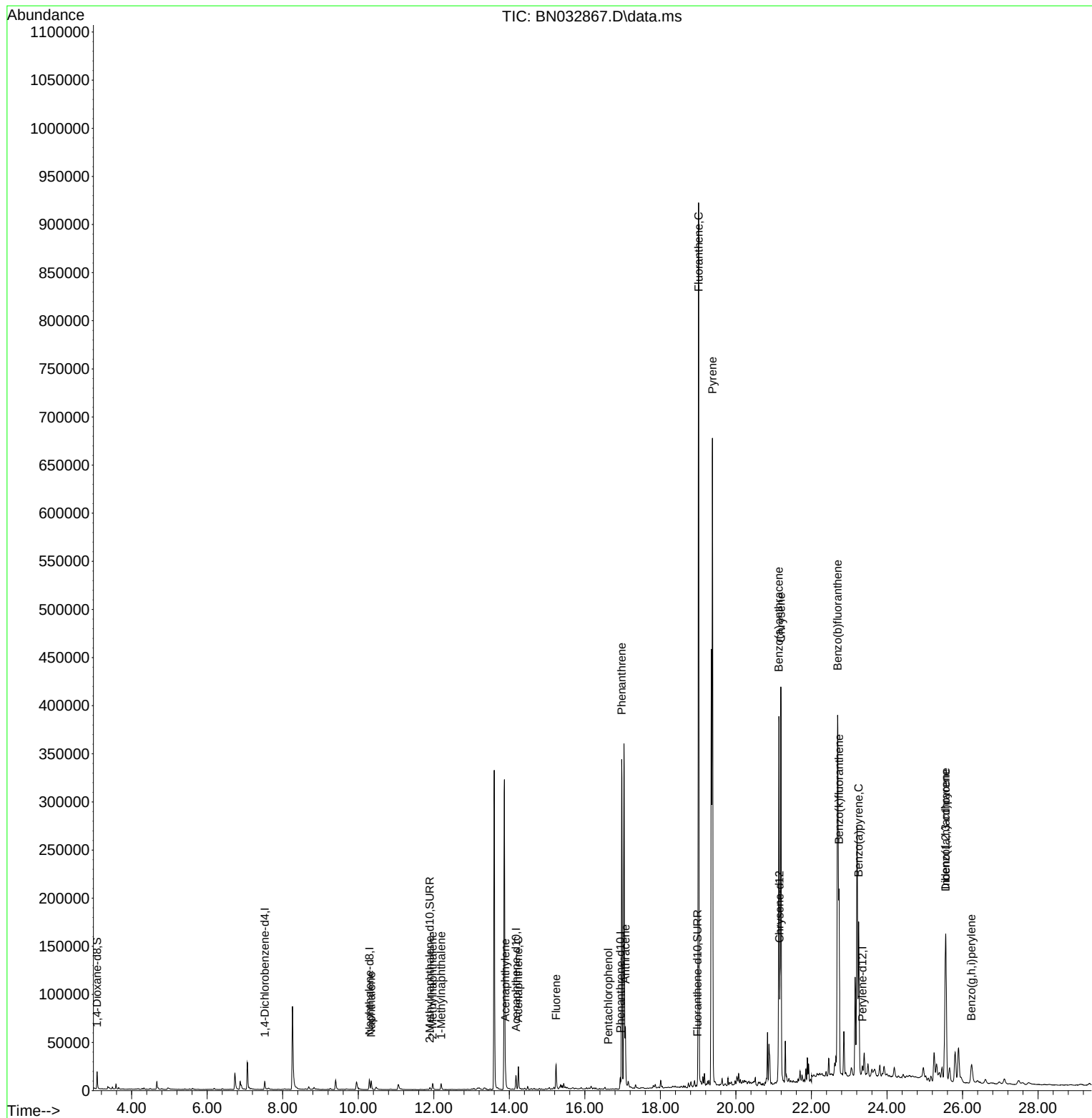
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032867.D
Acq On : 20 Jul 2024 07:27
Operator : MA/JU
Sample : P3238-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

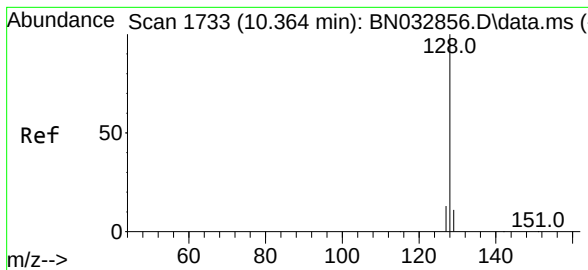
Instrument :
BNA_N
ClientSampleId :
A4BZ5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

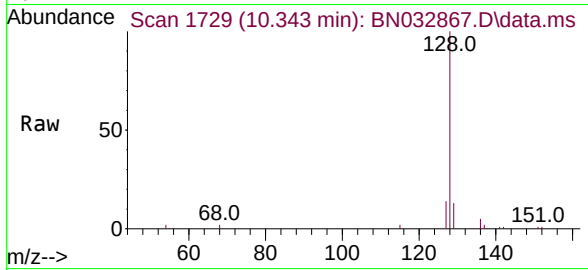
Quant Time: Jul 21 22:43:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.301 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.021 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

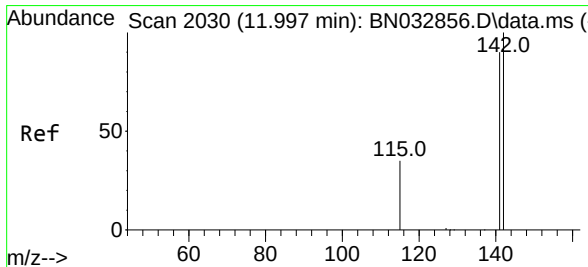
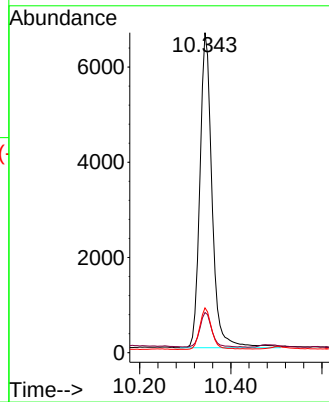
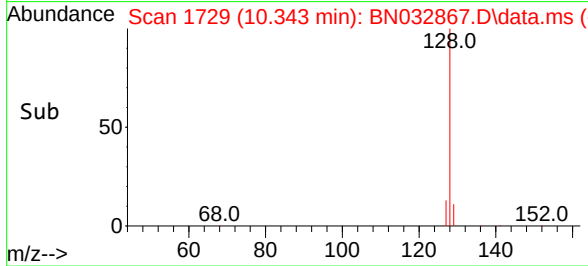
Instrument :
BNA_N
ClientSampleId :
A4BZ5



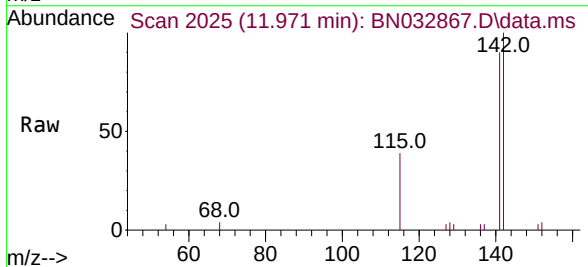
Tgt Ion:128 Resp: 1224
Ion Ratio Lower Upper
128 100
129 12.6 10.0 15.0
127 14.0 11.6 17.4

Manual Integrations
APPROVED

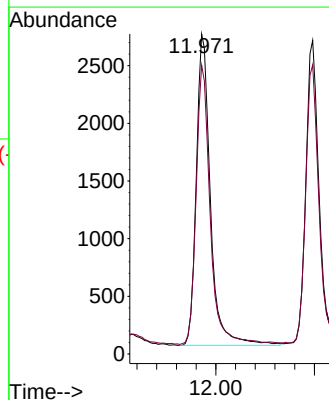
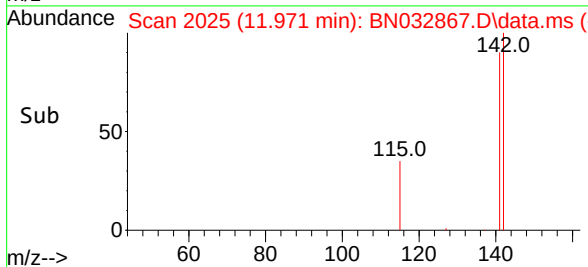
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

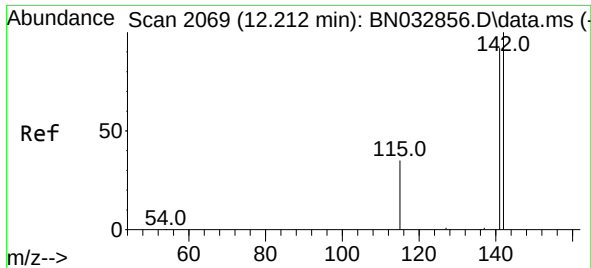


#7
2-Methylnaphthalene
Concen: 0.211 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27



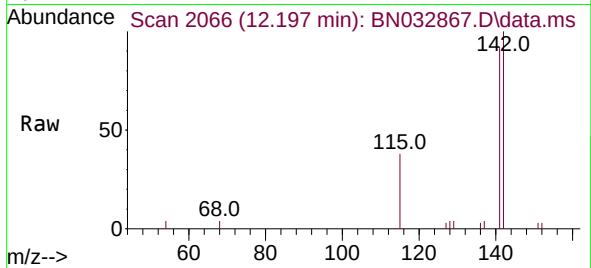
Tgt Ion:142 Resp: 5370
Ion Ratio Lower Upper
142 100
141 89.4 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.187 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

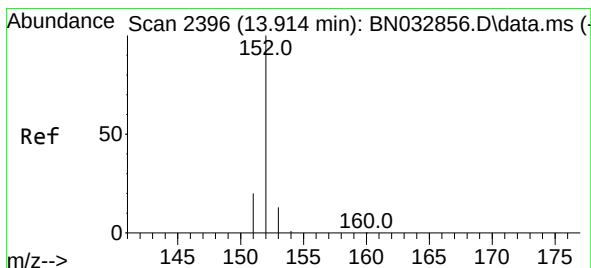
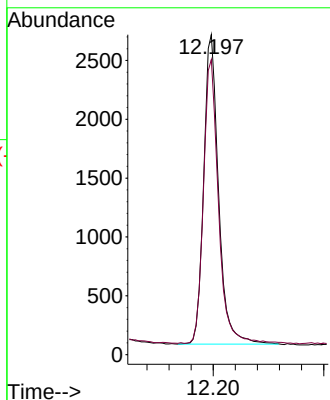
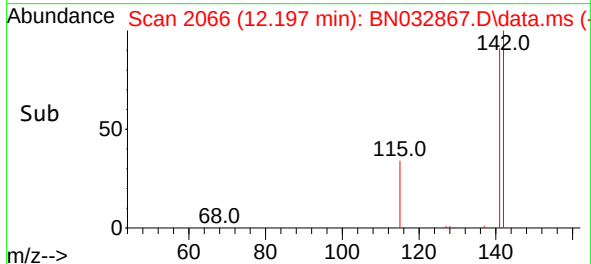
Instrument :
BNA_N
ClientSampleId :
A4BZ5



Tgt Ion:142 Resp: 4900
Ion Ratio Lower Upper
142 100
141 92.3 75.0 112.4

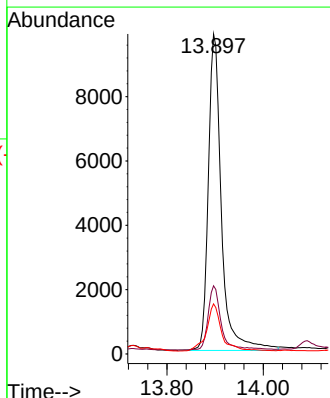
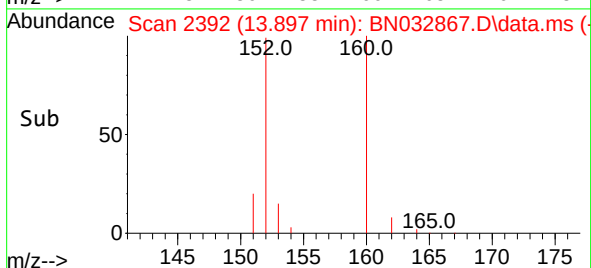
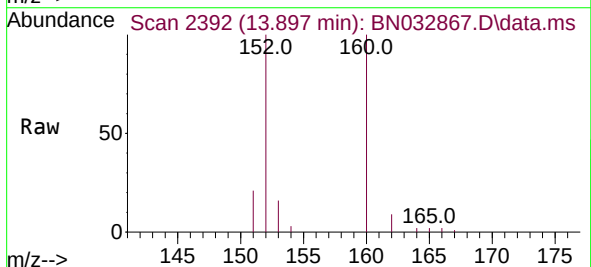
Manual Integrations
APPROVED

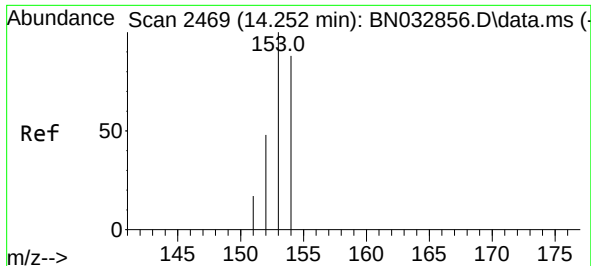
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.550 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

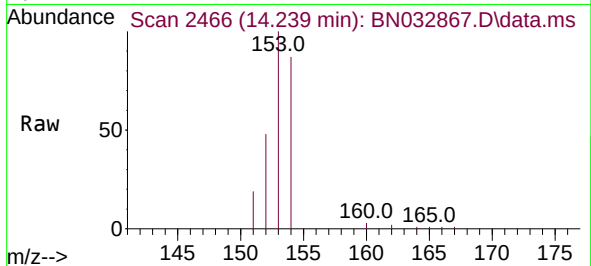
Tgt Ion:152 Resp: 18478
Ion Ratio Lower Upper
152 100
151 21.3 16.3 24.5
153 15.6 11.3 16.9





#11
Acenaphthene
Concen: 0.503 ng/u1
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

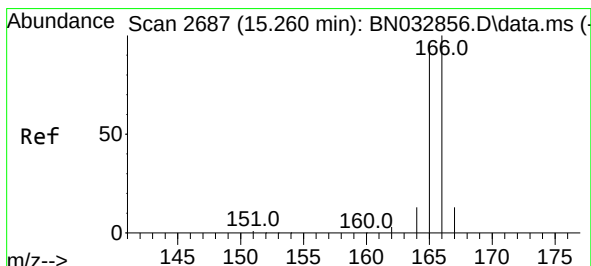
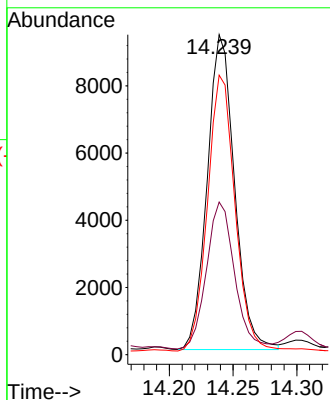
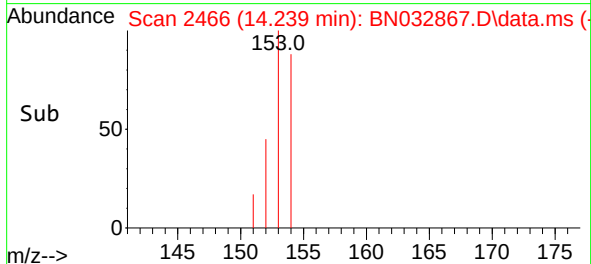
Instrument :
BNA_N
ClientSampleId :
A4BZ5



Tgt Ion:153 Resp: 13997
Ion Ratio Lower Upper
153 100
152 47.7 40.0 60.0
154 87.3 70.2 105.4

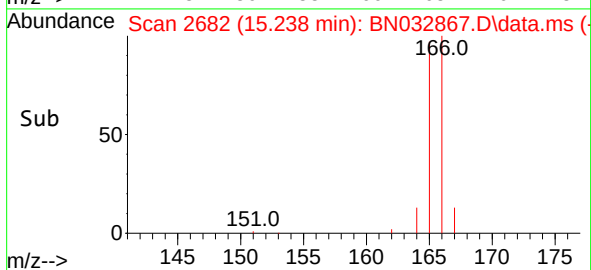
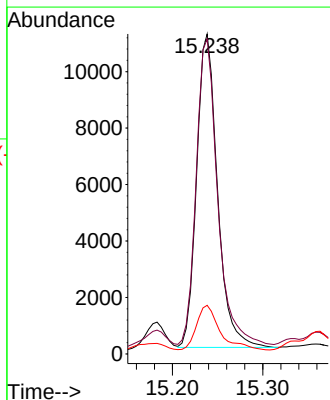
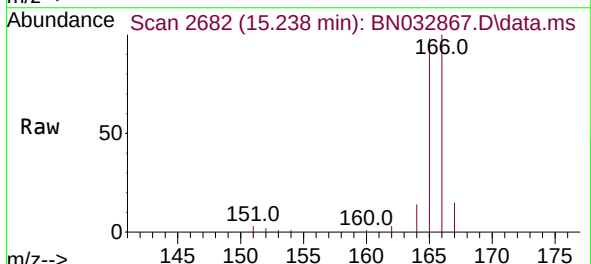
Manual Integrations
APPROVED

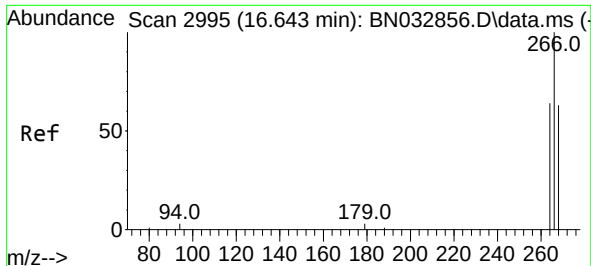
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.563 ng/u1
RT: 15.238 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

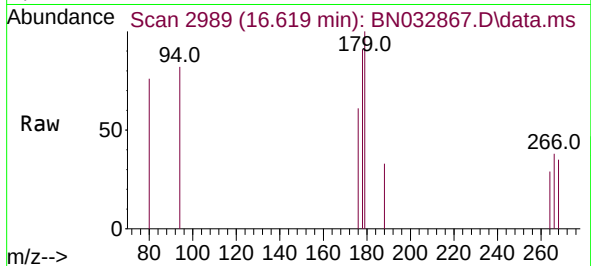
Tgt Ion:166 Resp: 17888
Ion Ratio Lower Upper
166 100
165 98.5 79.7 119.5
167 15.2 11.4 17.2





#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 16.619 min Scan# 2995
Delta R.T. -0.024 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

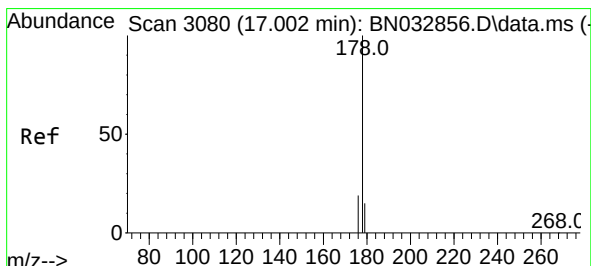
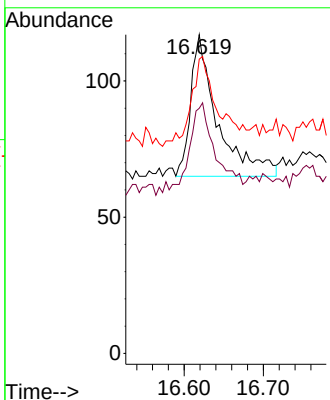
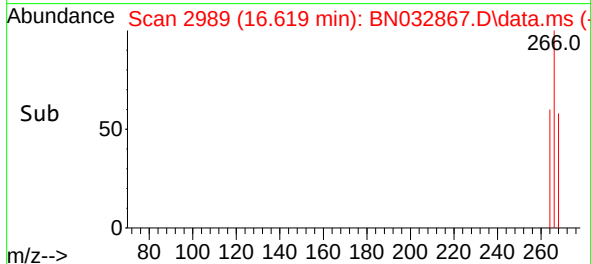
Instrument :
BNA_N
ClientSampleId :
A4BZ5



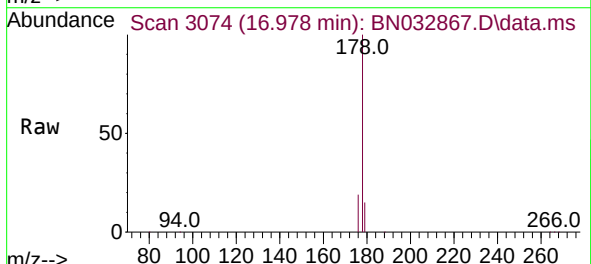
Tgt Ion:	266	Resp:	12
Ion Ratio	Lower	Upper	
266	100		
264	57.4	49.4	74.2
268	73.8	51.6	77.4

Manual Integrations
APPROVED

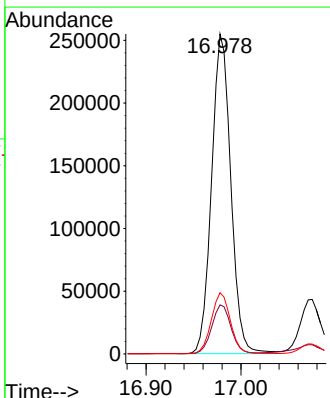
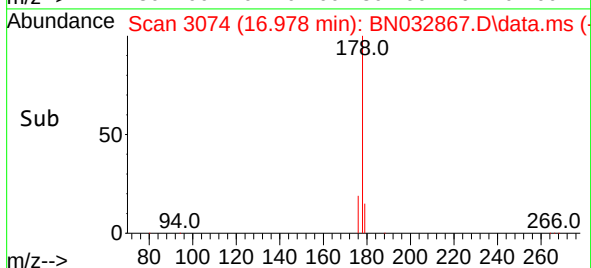
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

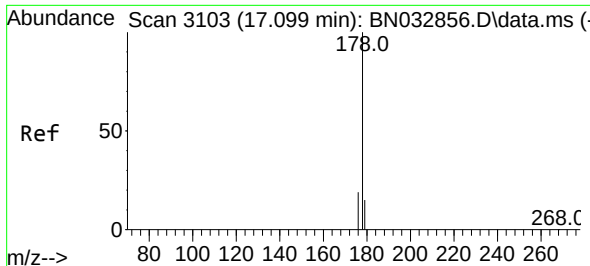


#15
Phenanthrene
Concen: 9.187 ng/ul
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27



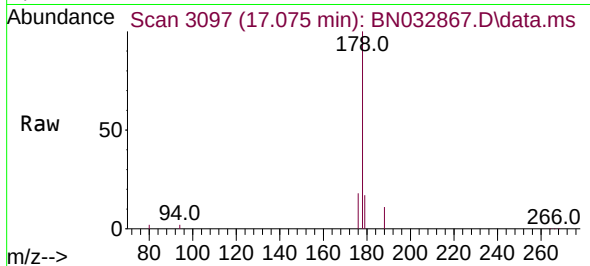
Tgt Ion:	178	Resp:	359000
Ion Ratio	Lower	Upper	
178	100		
179	15.3	13.0	19.4
176	19.1	15.6	23.4





#16
 Anthracene
 Concen: 1.959 ng/ul
 RT: 17.075 min Scan# 3097
 Delta R.T. -0.024 min
 Lab File: BN032867.D
 Acq: 20 Jul 2024 07:27

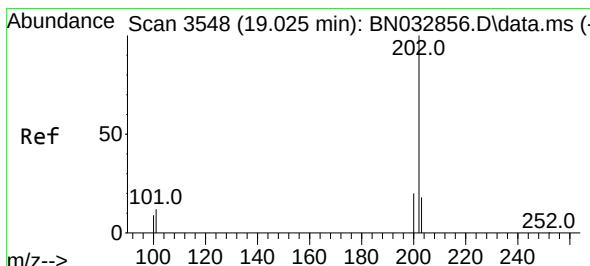
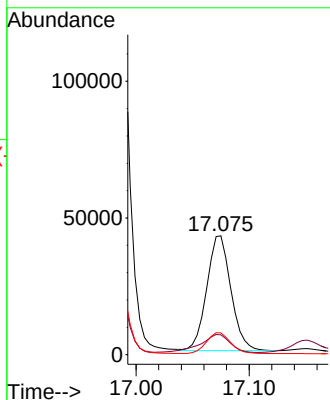
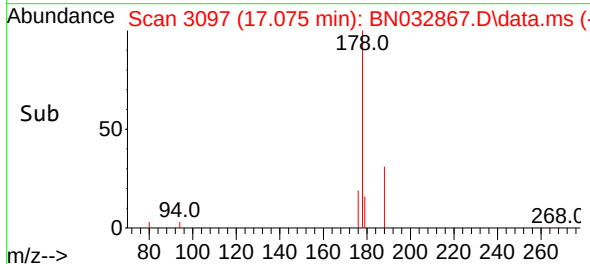
Instrument :
 BNA_N
 ClientSampleId :
 A4BZ5



Tgt Ion:178 Resp: 62535
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.4 20.2
 176 18.3 15.4 23.0

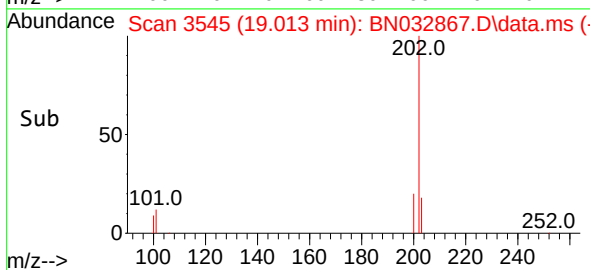
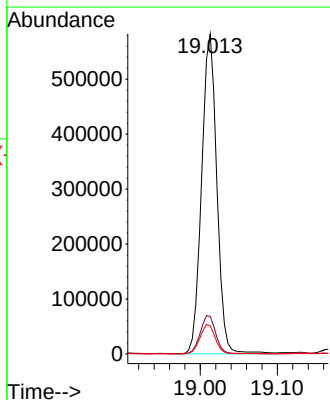
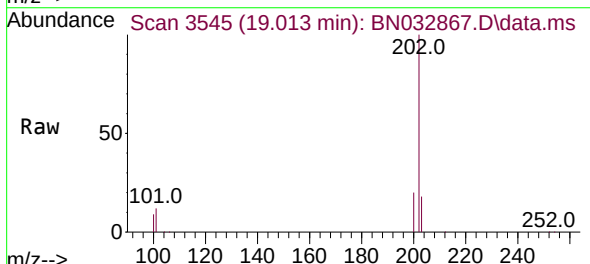
Manual Integrations
 APPROVED

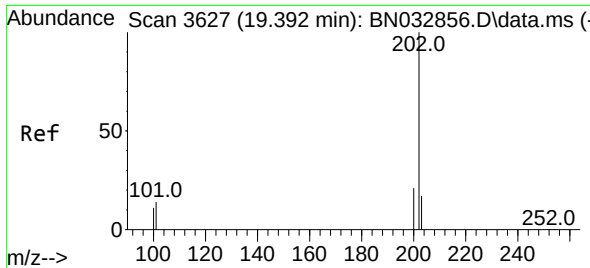
Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024



#19
 Fluoranthene
 Concen: 17.452 ng/ul
 RT: 19.013 min Scan# 3545
 Delta R.T. -0.013 min
 Lab File: BN032867.D
 Acq: 20 Jul 2024 07:27

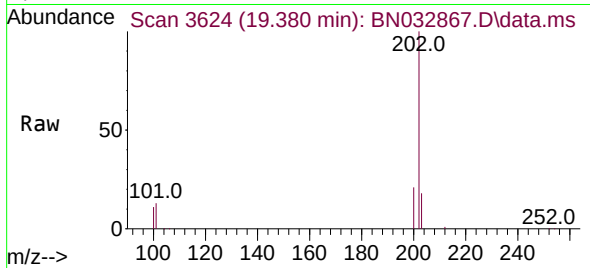
Tgt Ion:202 Resp: 799119
 Ion Ratio Lower Upper
 202 100
 101 11.7 9.8 14.8
 100 8.7 7.9 11.9





#20
Pyrene
Concen: 12.411 ng/u1
RT: 19.380 min Scan# 3627
Delta R.T. -0.013 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

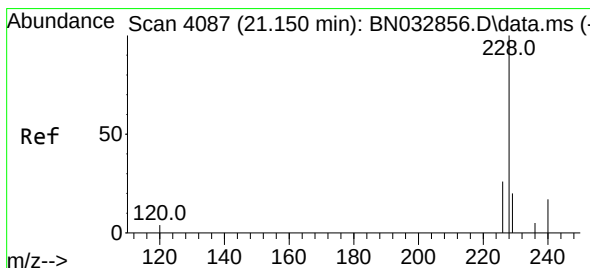
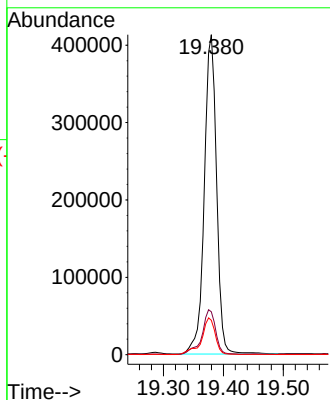
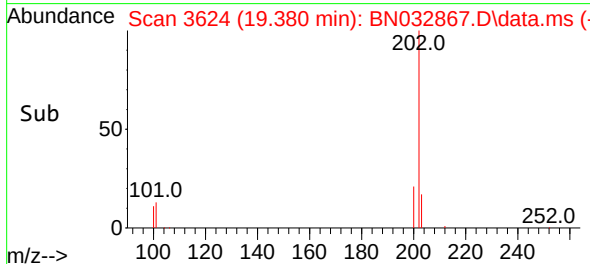
Instrument :
BNA_N
ClientSampleId :
A4BZ5



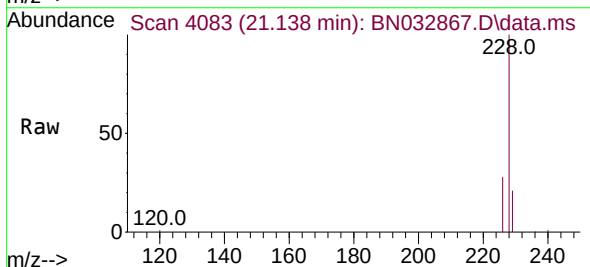
Tgt Ion:202 Resp: 58823
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.8 9.6 14.4

Manual Integrations
APPROVED

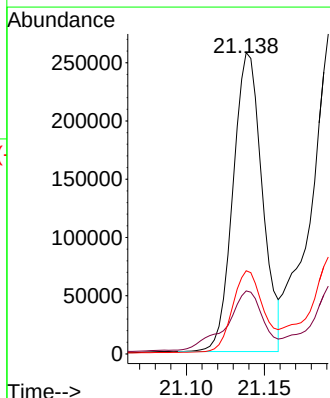
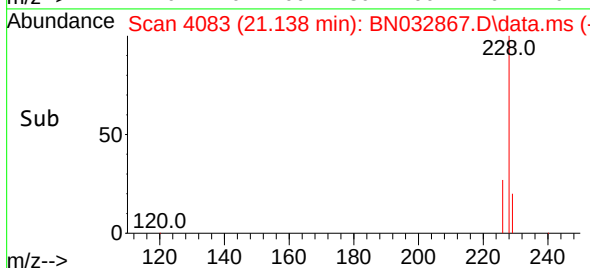
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

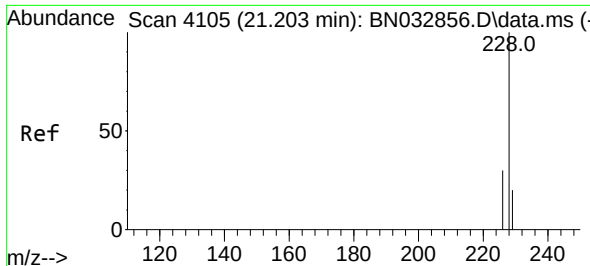


#21
Benzo(a)anthracene
Concen: 9.351 ng/u1
RT: 21.138 min Scan# 4083
Delta R.T. -0.012 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27



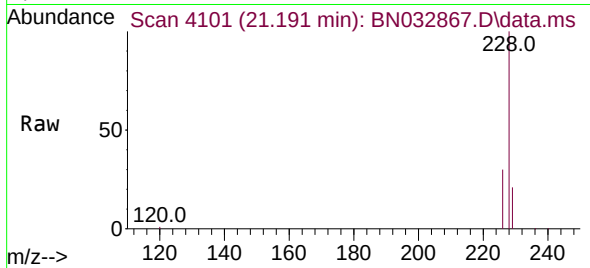
Tgt Ion:228 Resp: 335232
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.6 21.9 32.9





#22
Chrysene
Concen: 7.938 ng/ul
RT: 21.191 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

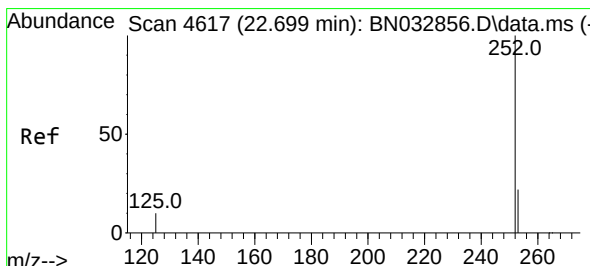
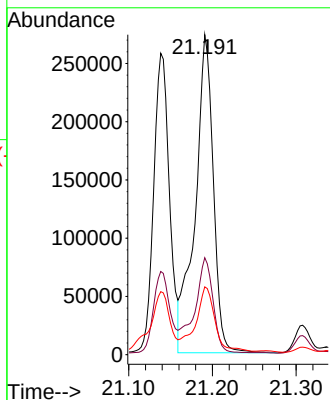
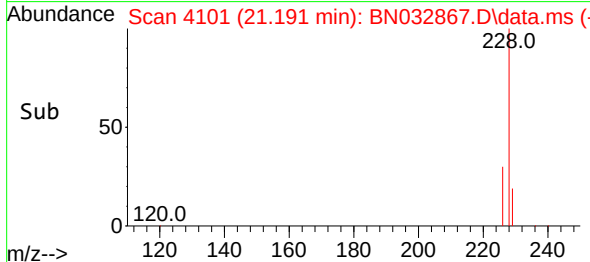
Instrument :
BNA_N
ClientSampleId :
A4BZ5



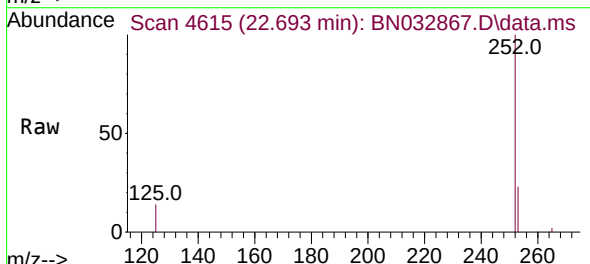
Tgt Ion:228 Resp: 41164
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.2 15.8 23.6

Manual Integrations
APPROVED

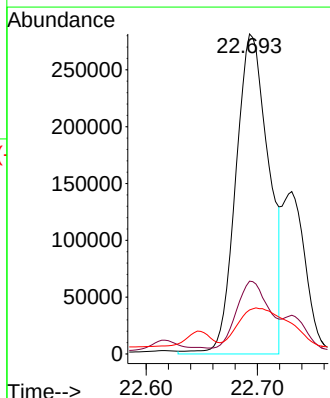
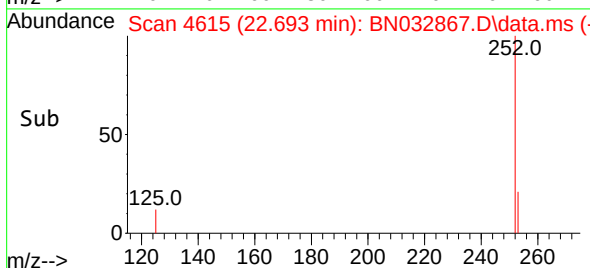
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

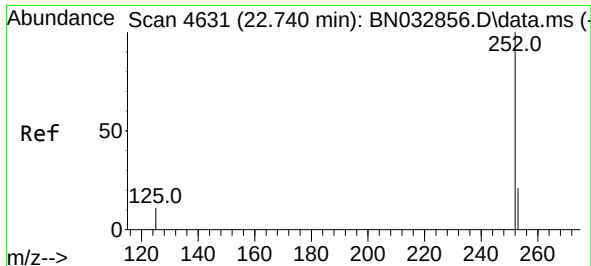


#24
Benzo(b)fluoranthene
Concen: 12.212 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27



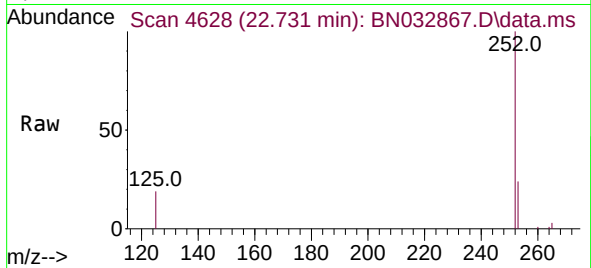
Tgt Ion:252 Resp: 577922
Ion Ratio Lower Upper
252 100
253 22.7 0.0 54.0
125 13.7 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 3.770 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

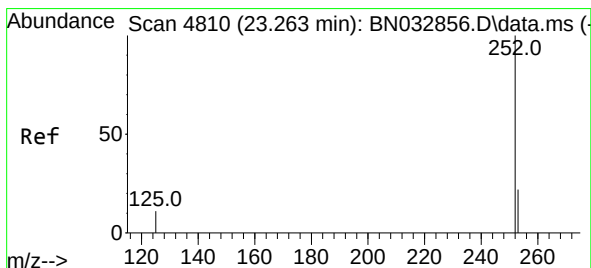
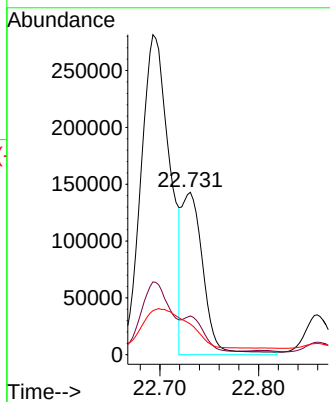
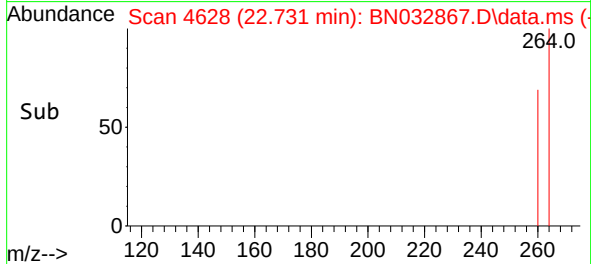
Instrument :
BNA_N
ClientSampleId :
A4BZ5



Tgt Ion:252 Resp: 217418
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 18.8 14.8 22.2

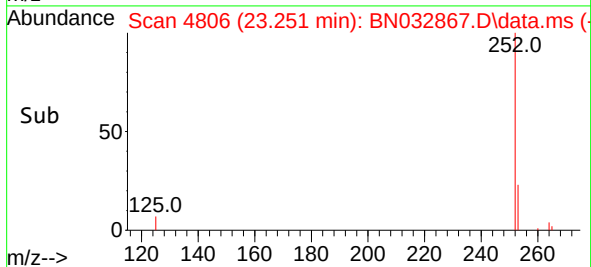
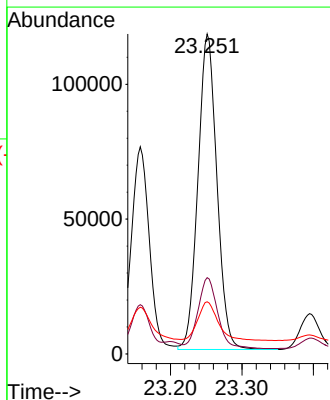
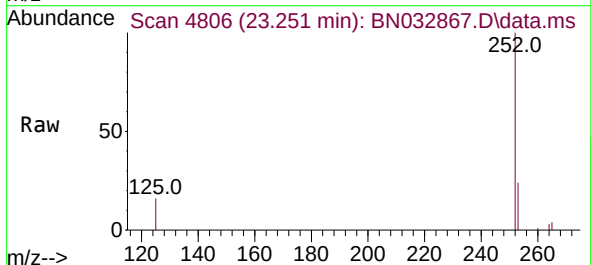
Manual Integrations
APPROVED

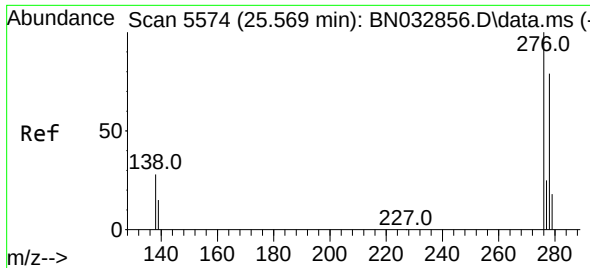
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#26
Benzo(a)pyrene
Concen: 5.278 ng/ul
RT: 23.251 min Scan# 4806
Delta R.T. -0.012 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

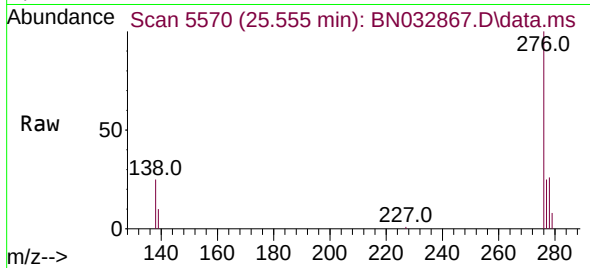
Tgt Ion:252 Resp: 216138
Ion Ratio Lower Upper
252 100
253 23.8 25.4 38.0#
125 16.3 20.6 30.8#





#27
Indeno(1,2,3-cd)pyrene
Concen: 4.128 ng/ul
RT: 25.555 min Scan# 5570
Delta R.T. -0.014 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27

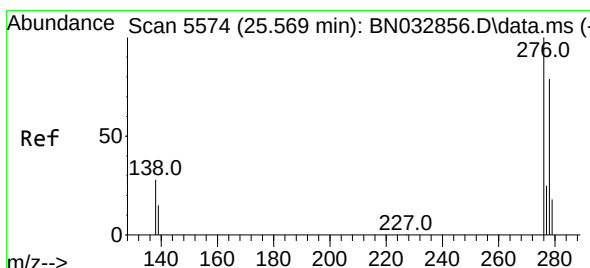
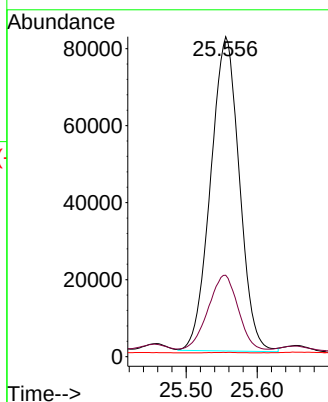
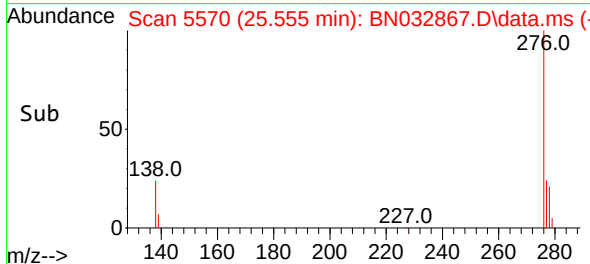
Instrument :
BNA_N
ClientSampleId :
A4BZ5



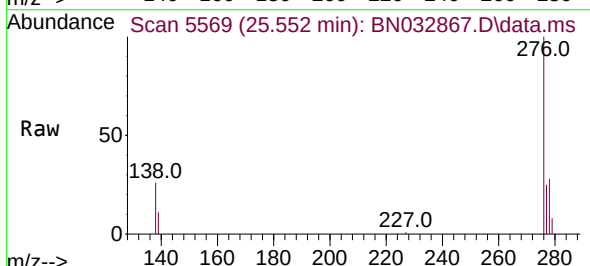
Tgt Ion:276 Resp: 228910
Ion Ratio Lower Upper
276 100
138 24.8 21.6 32.4
227 0.2 0.0 0.0

Manual Integrations
APPROVED

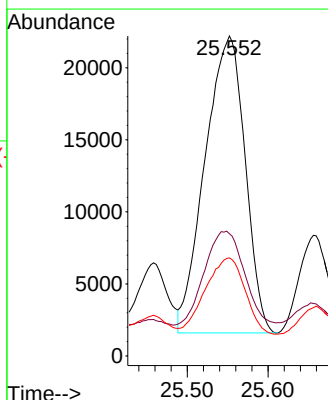
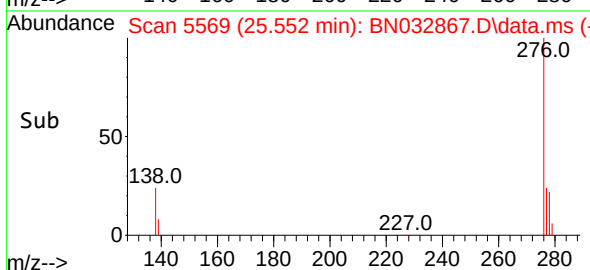
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

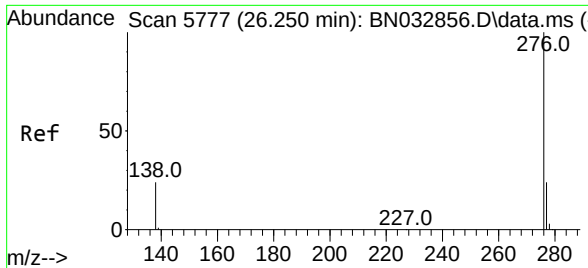


#28
Dibenzo(a,h)anthracene
Concen: 1.652 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032867.D
Acq: 20 Jul 2024 07:27



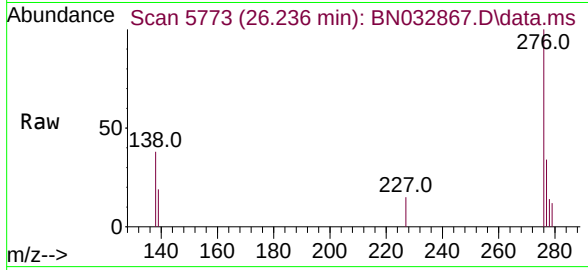
Tgt Ion:278 Resp: 70996
Ion Ratio Lower Upper
278 100
139 38.2 16.6 24.8#
279 30.7 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.760 ng/ul
 RT: 26.236 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN032867.D
 Acq: 20 Jul 2024 07:27

Instrument :
 BNA_N
 ClientSampleId :
 A4BZ5



Tgt Ion: 276 Resp: 35218

Ion	Ratio	Lower	Upper
276	100		
138	37.9	21.0	31.4
277	33.8	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2024
 Supervised By :mohammad ahmed 07/22/2024

