

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032426.D
 Acq On : 03 Jul 2024 06:58
 Operator : MA/JU
 Sample : P2963-16
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CS7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 07:25:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 03 03:26:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	7817	0.400	ng/ul	0.00
4) Naphthalene-d8	10.376	136	25467	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.249	164	15708	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.008	188	31209m	0.400	ng/ul	0.00
17) Chrysene-d12	21.212	240	17425m	0.400	ng/ul	0.00
23) Perylene-d12	23.430	264	21710m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.144	96	27475	3.162	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.977	152	9101	0.238	ng/ul	0.00
18) Fluoranthene-d10	19.041	212	15048m	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.426	128	32274	0.479	ng/ul	99
7) 2-Methylnaphthalene	12.054	142	11516	0.258	ng/ul	98
8) 1-Methylnaphthalene	12.274	142	8367	0.181	ng/ul	99
10) Acenaphthylene	13.971	152	44401	0.680	ng/ul	99
11) Acenaphthene	14.313	153	24666	0.486	ng/ul	99
12) Fluorene	15.308	166	31369	0.519	ng/ul	97
14) Pentachlorophenol	16.670	266	332m	0.047	ng/ul	
15) Phenanthrene	17.046	178	604578m	7.066	ng/ul	
16) Anthracene	17.139	178	113091m	1.482	ng/ul	
19) Fluoranthene	19.073	202	1140254m	17.185	ng/ul	
20) Pyrene	19.441	202	776781m	11.202	ng/ul	
21) Benzo(a)anthracene	21.194	228	465224m	7.397	ng/ul	
22) Chrysene	21.247	228	559612m	8.107	ng/ul	
24) Benzo(b)fluoranthene	22.766	252	789850m	8.374	ng/ul	
25) Benzo(k)fluoranthene	22.804	252	292326m	3.190	ng/ul	
26) Benzo(a)pyrene	23.333	252	277818m	4.233	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.663	276	286446m	2.788	ng/ul	
28) Dibenzo(a,h)anthracene	25.663	278	104022m	1.362	ng/ul	
29) Benzo(g,h,i)perylene	26.351	276	41458m	0.507	ng/ul	

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

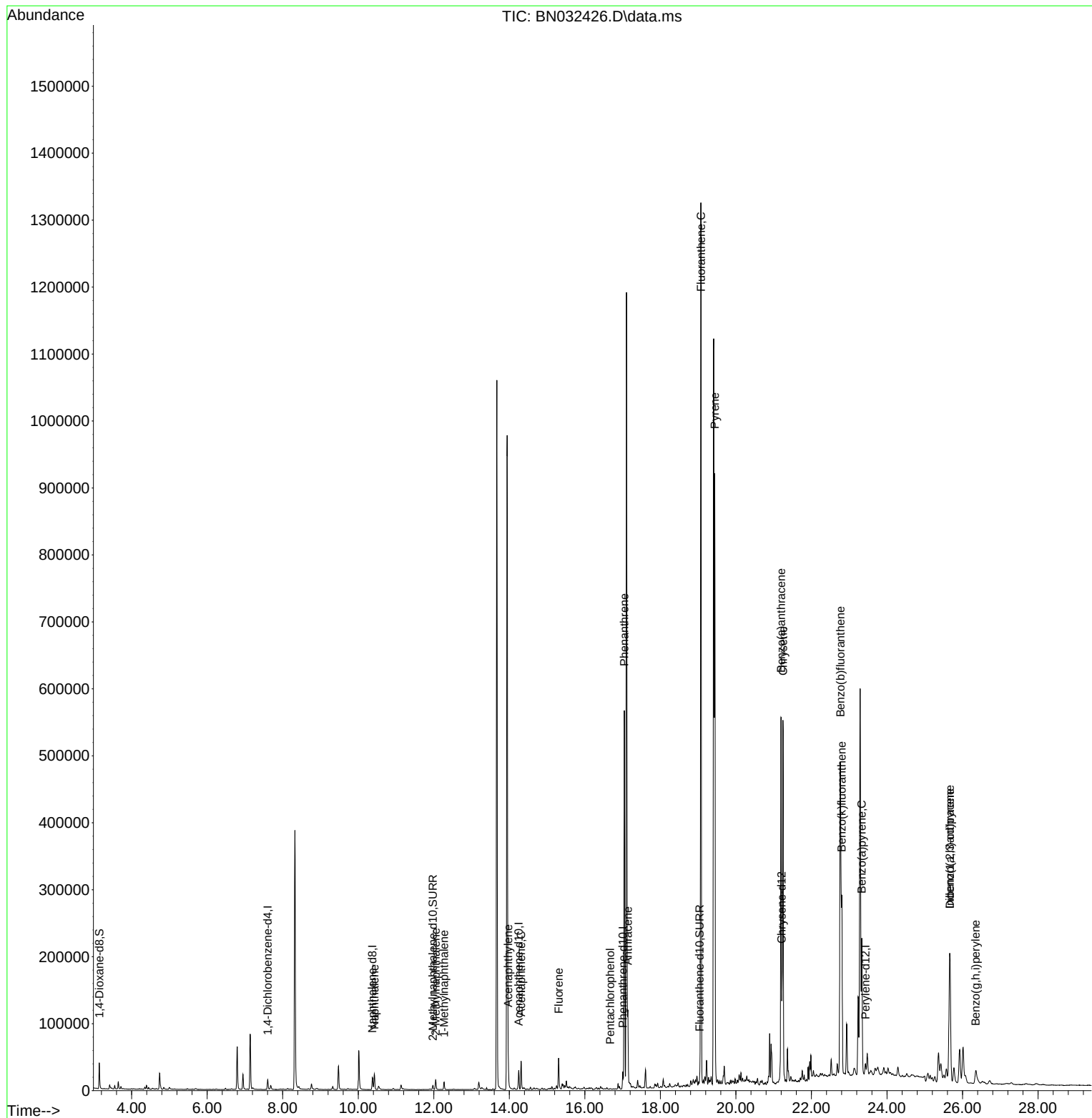
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032426.D
Acq On : 03 Jul 2024 06:58
Operator : MA/JU
Sample : P2963-16
Misc :
ALS Vial : 74 Sample Multiplier: 1

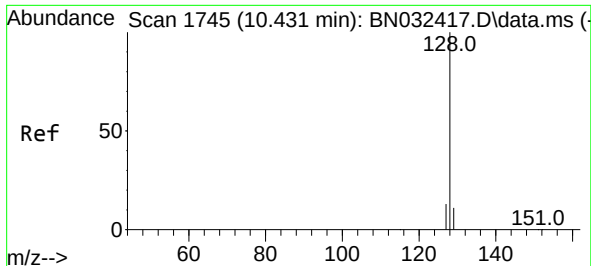
Instrument :
BNA_N
ClientSampleId :
A4CS7

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Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

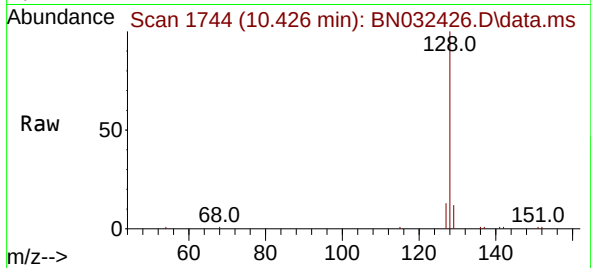
Quant Time: Jul 03 07:25:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.479 ng/ul
RT: 10.426 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

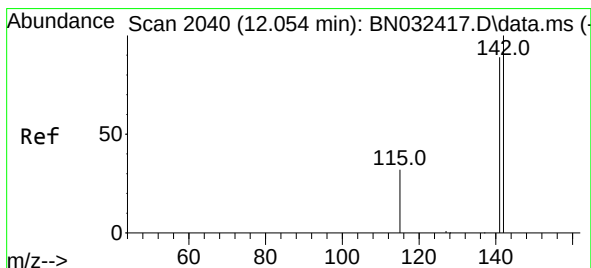
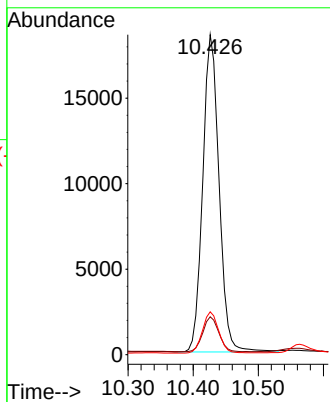
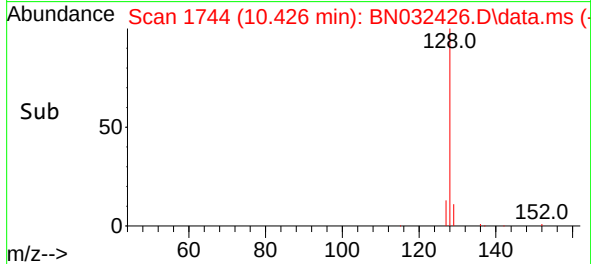
Instrument :
BNA_N
ClientSampleId :
A4CS7



Tgt Ion:128 Resp: 32274
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.4 10.8 16.2

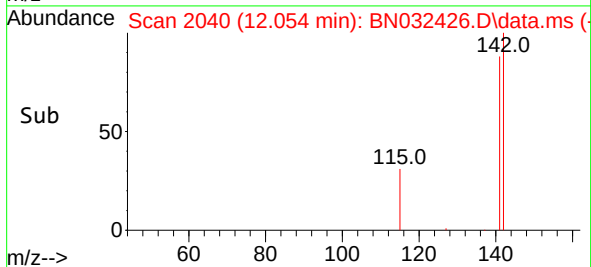
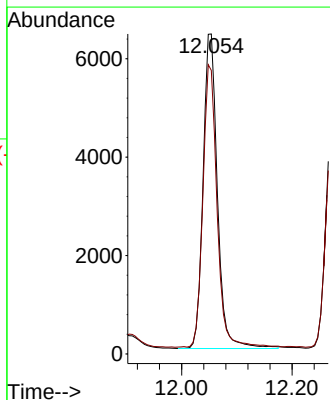
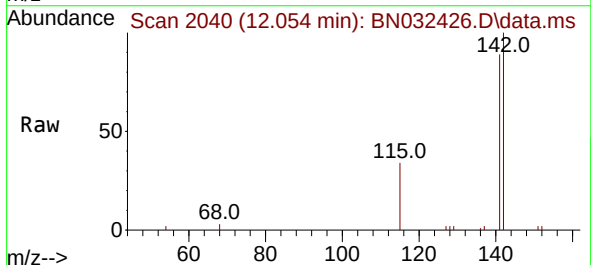
Manual Integrations
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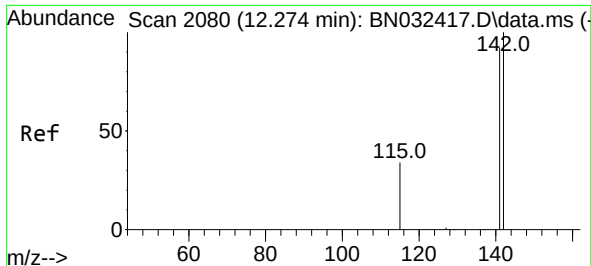
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#7
2-Methylnaphthalene
Concen: 0.258 ng/ul
RT: 12.054 min Scan# 2040
Delta R.T. 0.000 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

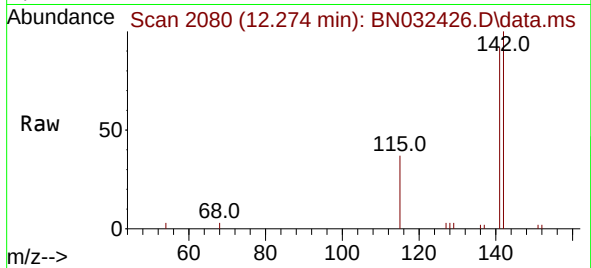
Tgt Ion:142 Resp: 11516
Ion Ratio Lower Upper
142 100
141 88.7 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.181 ng/ul
RT: 12.274 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

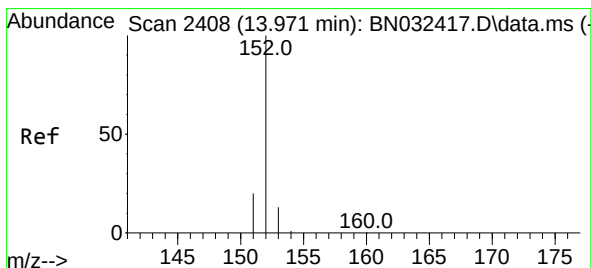
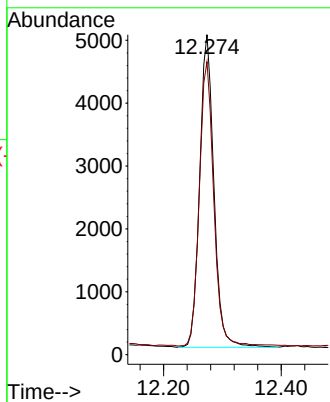
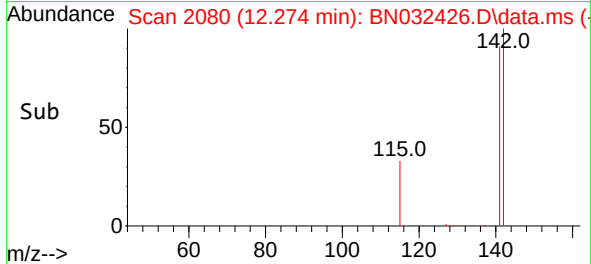
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 836
Ion Ratio Lower Upper
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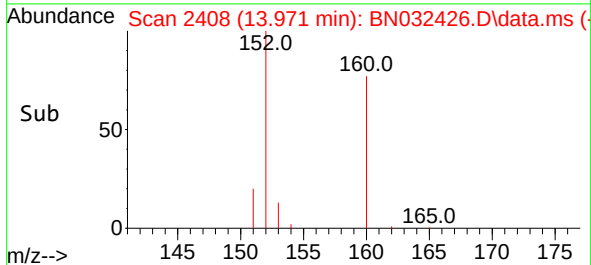
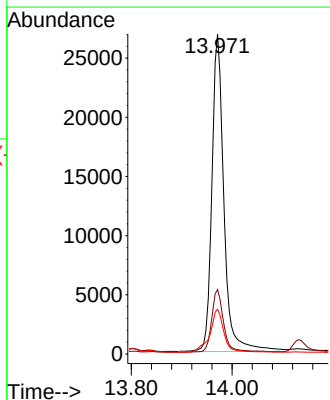
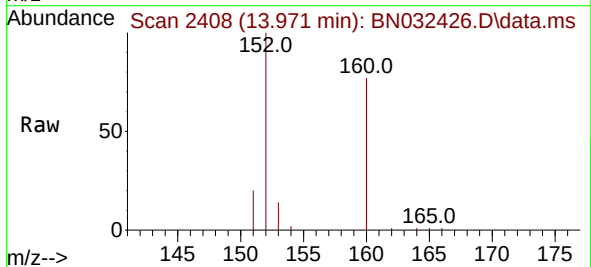
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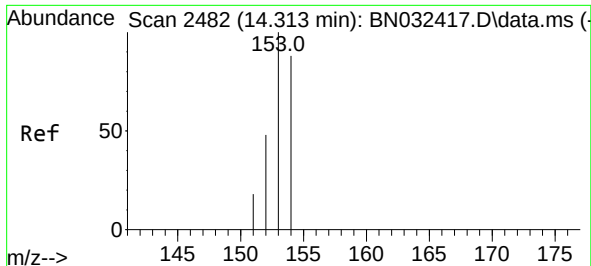
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#10
Acenaphthylene
Concen: 0.680 ng/ul
RT: 13.971 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

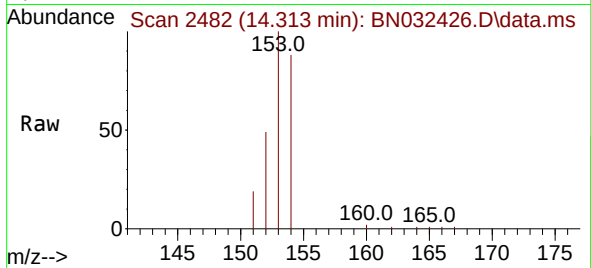
Tgt Ion:152 Resp: 44401
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.486 ng/ul
RT: 14.313 min Scan# 2482
Delta R.T. 0.000 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

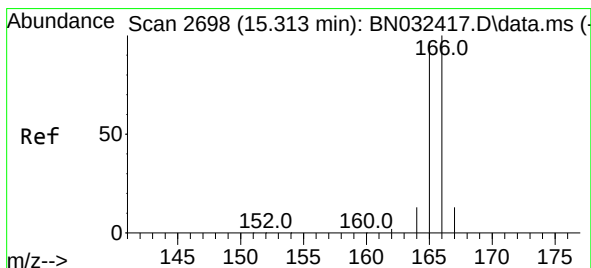
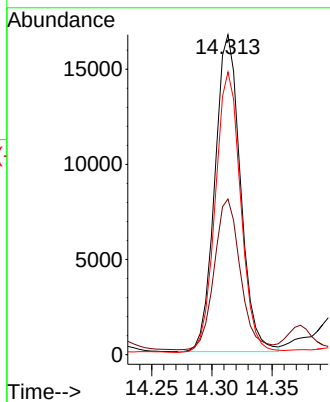
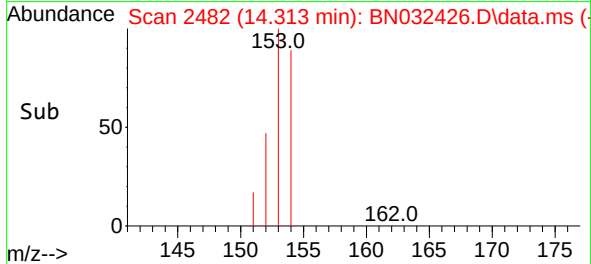
Instrument :
BNA_N
ClientSampleId :
A4CS7



Tgt Ion:153 Resp: 24660
Ion Ratio Lower Upper
153 100
152 48.6 39.5 59.3
154 88.3 71.7 107.5

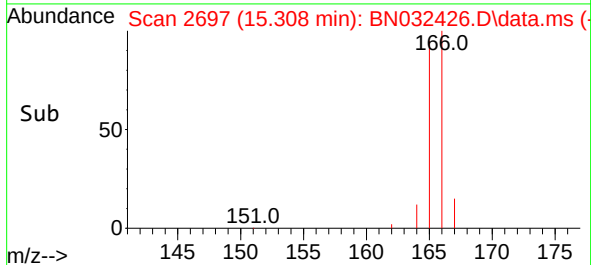
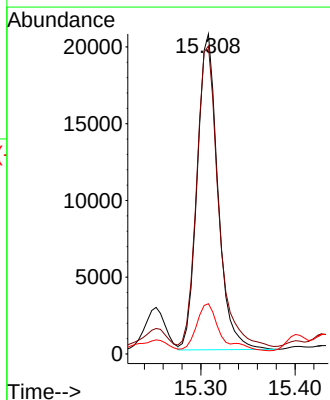
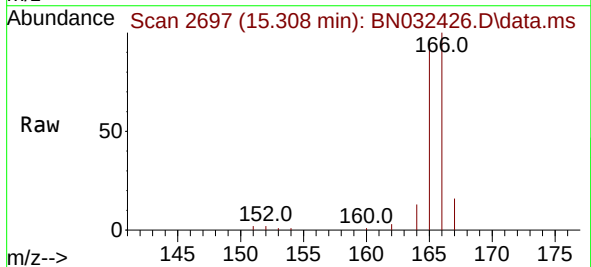
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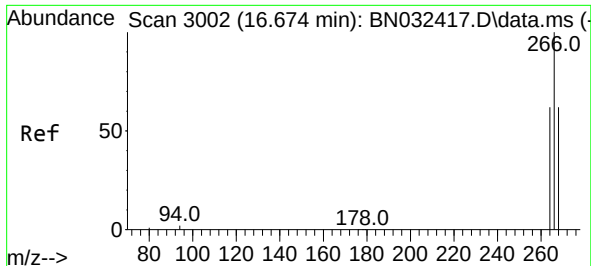
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#12
Fluorene
Concen: 0.519 ng/ul
RT: 15.308 min Scan# 2697
Delta R.T. -0.005 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

Tgt Ion:166 Resp: 31369
Ion Ratio Lower Upper
166 100
165 96.2 79.0 118.6
167 15.7 11.0 16.6





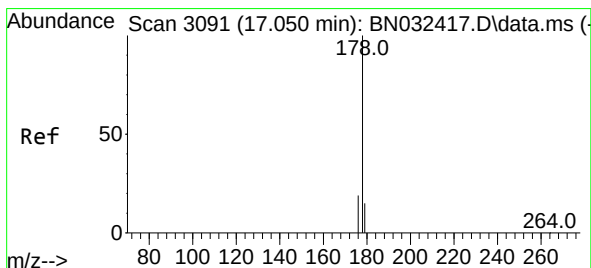
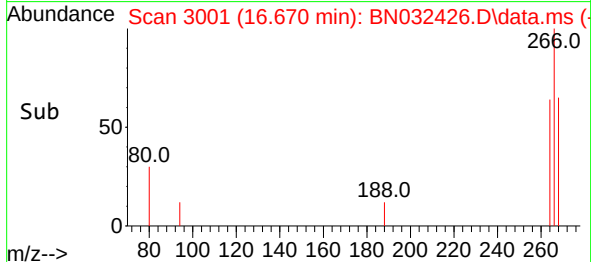
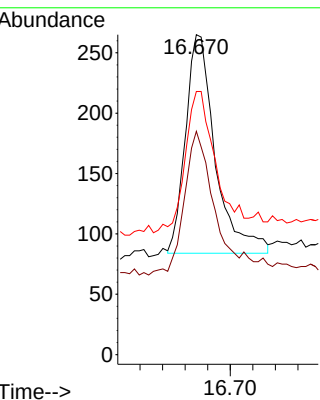
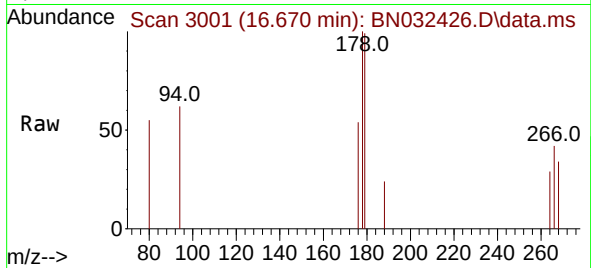
#14
Pentachlorophenol
Concen: 0.047 ng/ul m
RT: 16.670 min Scan# 3001
Delta R.T. -0.004 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

Instrument :
BNA_N
ClientSampleId :
A4CS7

Tgt Ion:266 Resp: 332
Ion Ratio Lower Upper
266 100
264 0.0 49.9 74.9
268 0.0 52.4 78.6

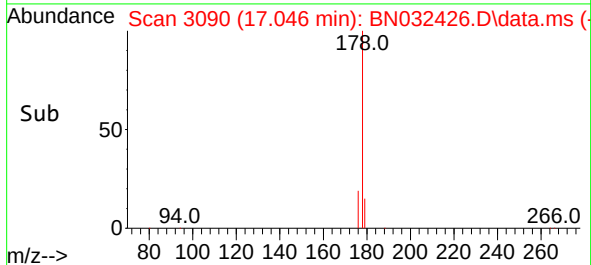
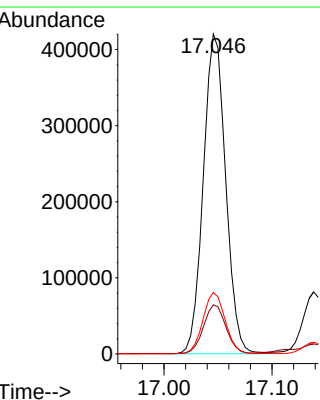
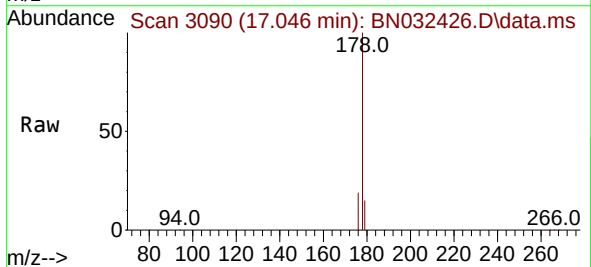
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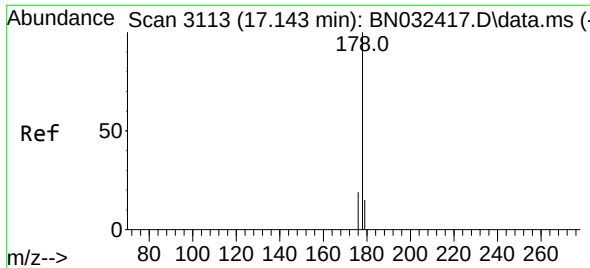
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#15
Phenanthrene
Concen: 7.066 ng/ul m
RT: 17.046 min Scan# 3090
Delta R.T. -0.004 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

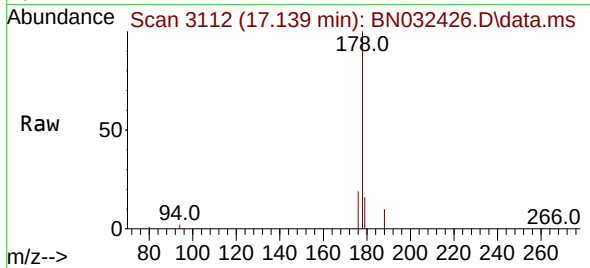
Tgt Ion:178 Resp: 604578
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.2 15.6 23.4





#16
 Anthracene
 Concen: 1.482 ng/ul m
 RT: 17.139 min Scan# 3113
 Delta R.T. -0.004 min
 Lab File: BN032426.D
 Acq: 03 Jul 2024 06:58

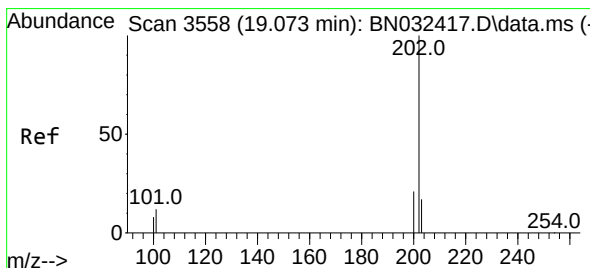
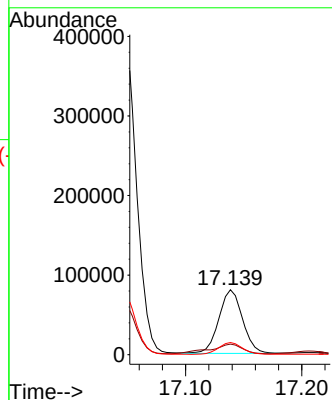
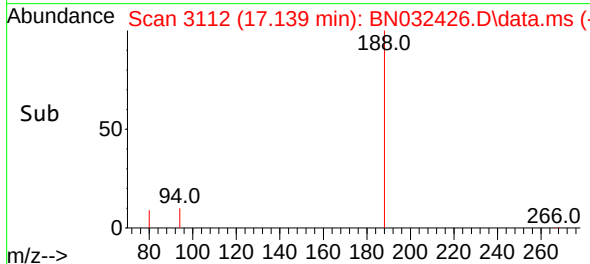
Instrument :
 BNA_N
 ClientSampleId :
 A4CS7



Tgt Ion:178 Resp: 113091
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 18.8 15.0 22.6

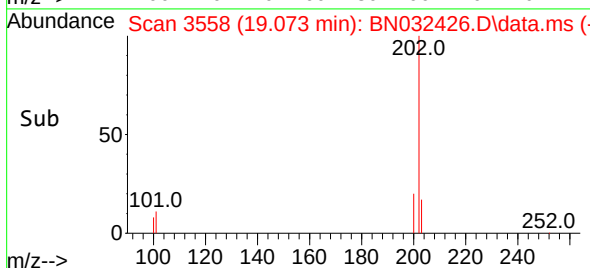
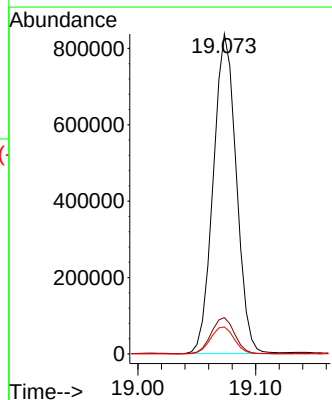
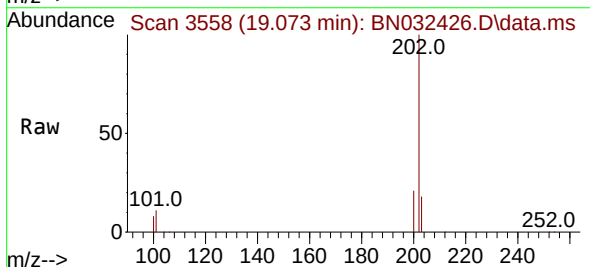
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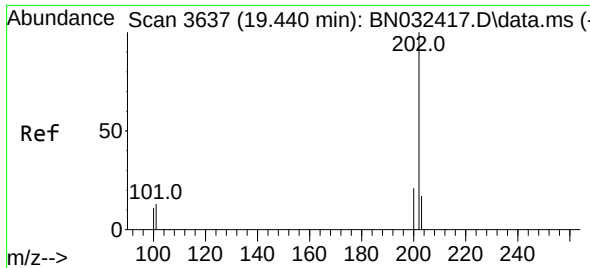
Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024



#19
 Fluoranthene
 Concen: 17.185 ng/ul m
 RT: 19.073 min Scan# 3558
 Delta R.T. 0.000 min
 Lab File: BN032426.D
 Acq: 03 Jul 2024 06:58

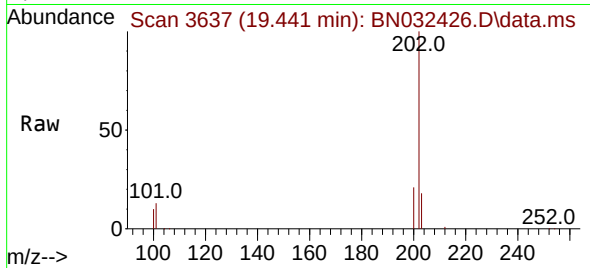
Tgt Ion:202 Resp: 1140254
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.8 13.2
 100 8.5 6.4 9.6





#20
Pyrene
Concen: 11.202 ng/ul m
RT: 19.441 min Scan# 3637
Delta R.T. 0.000 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

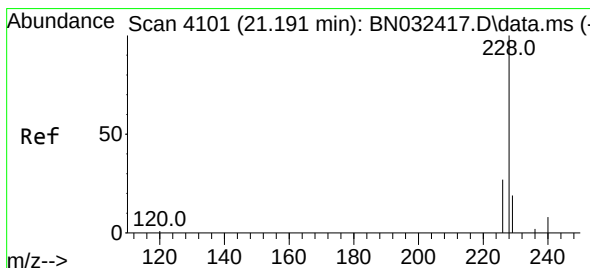
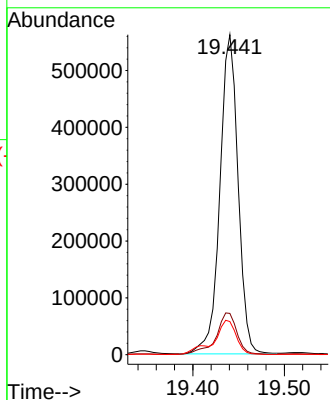
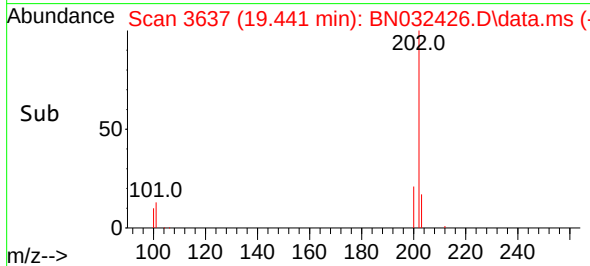
Instrument :
BNA_N
ClientSampleId :
A4CS7



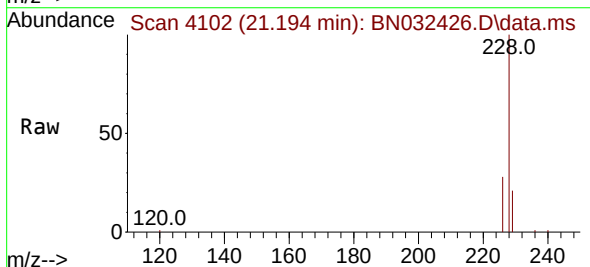
Tgt Ion:202 Resp: 77678
Ion Ratio Lower Upper
202 100
101 12.9 11.0 16.4
100 10.4 8.7 13.1

Manual Integrations
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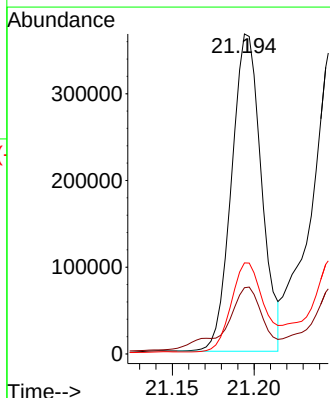
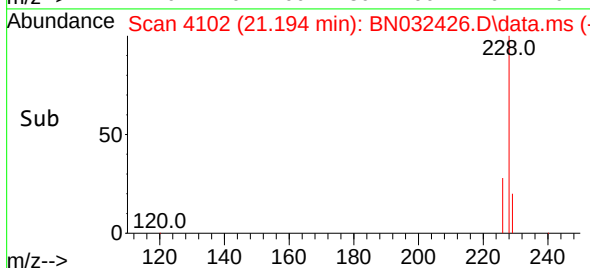
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

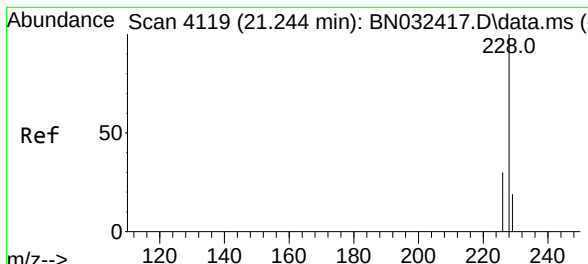


#21
Benzo(a)anthracene
Concen: 7.397 ng/ul m
RT: 21.194 min Scan# 4102
Delta R.T. 0.003 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58



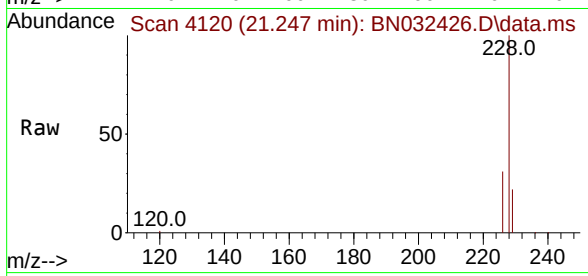
Tgt Ion:228 Resp: 465224
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 28.5 21.8 32.8





#22
 Chrysene
 Concen: 8.107 ng/ul m
 RT: 21.247 min Scan# 4119
 Delta R.T. 0.003 min
 Lab File: BN032426.D
 Acq: 03 Jul 2024 06:58

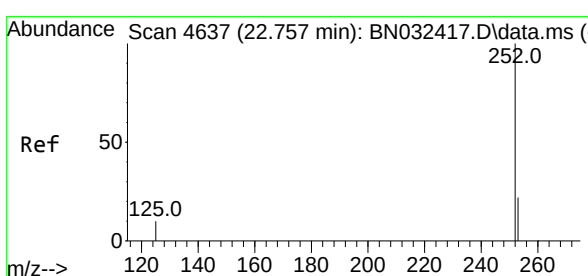
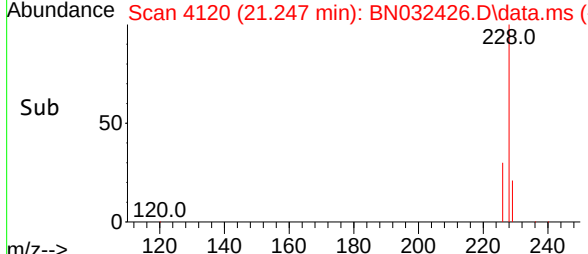
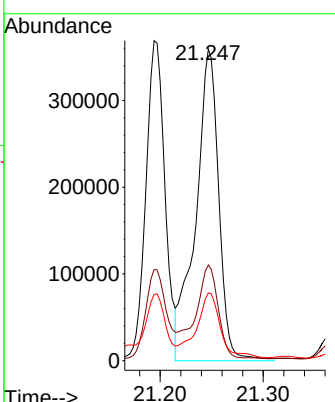
Instrument : BNA_N
 ClientSampleId : A4CS7



Tgt Ion:228 Resp: 55961

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	21.7	15.7	23.5

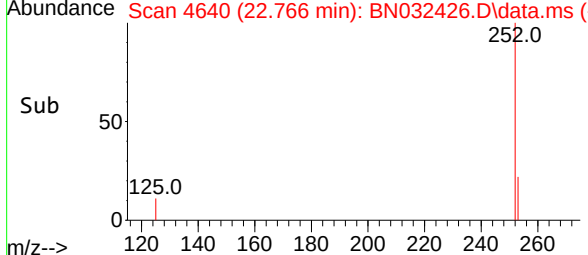
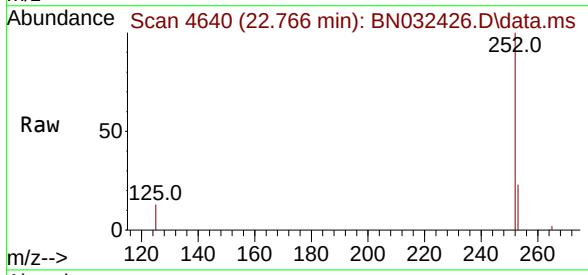
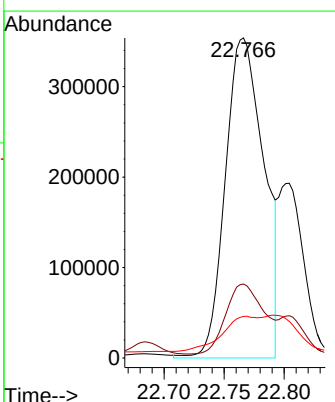
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 Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

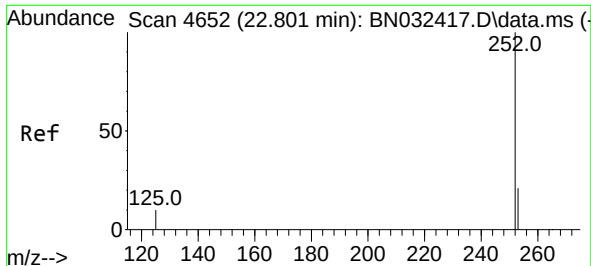


#24
 Benzo(b)fluoranthene
 Concen: 8.374 ng/ul m
 RT: 22.766 min Scan# 4640
 Delta R.T. 0.009 min
 Lab File: BN032426.D
 Acq: 03 Jul 2024 06:58

Tgt Ion:252 Resp: 789850

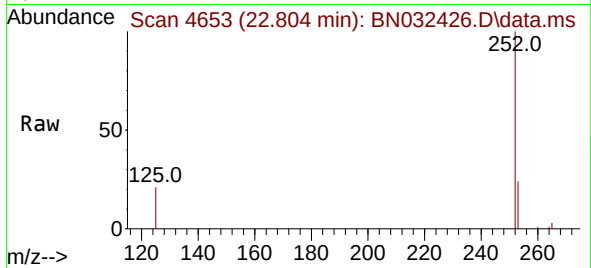
Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	50.2
125	13.0	0.0	32.0





#25
Benzo(k)fluoranthene
Concen: 3.190 ng/ul m
RT: 22.804 min Scan# 4653
Delta R.T. 0.003 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

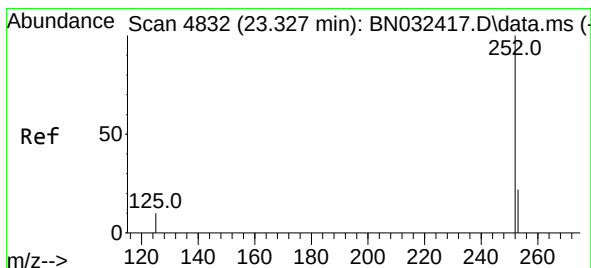
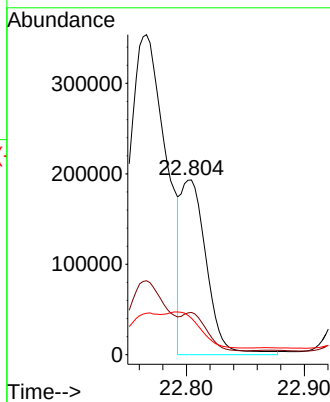
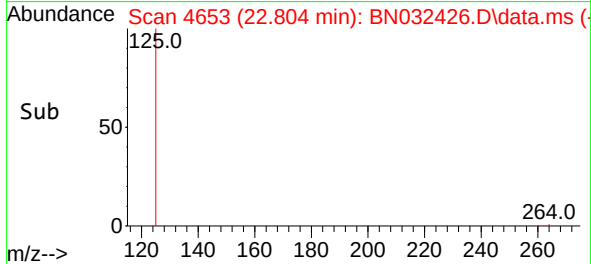
Instrument :
BNA_N
ClientSampleId :
A4CS7



Tgt Ion:252 Resp: 292320
Ion Ratio Lower Upper
252 100
253 24.2 20.3 30.5
125 20.9 12.8 19.2

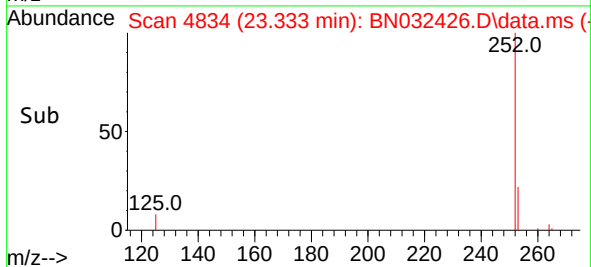
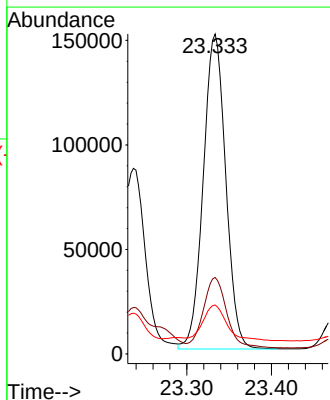
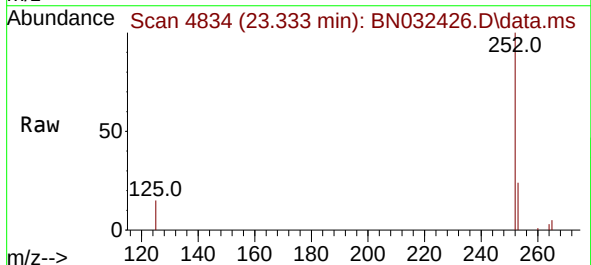
Manual Integrations
APPROVED

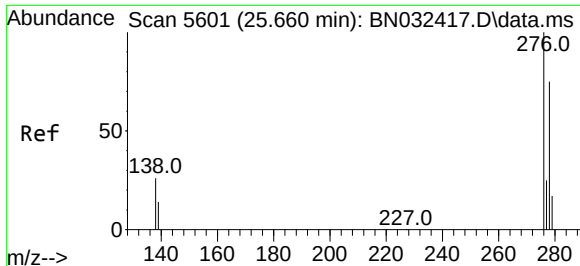
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024



#26
Benzo(a)pyrene
Concen: 4.233 ng/ul m
RT: 23.333 min Scan# 4834
Delta R.T. 0.006 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

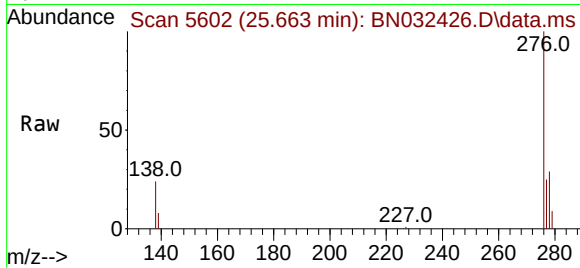
Tgt Ion:252 Resp: 277818
Ion Ratio Lower Upper
252 100
253 23.9 22.2 33.2
125 15.3 16.4 24.6





#27
Indeno(1,2,3-cd)pyrene
Concen: 2.788 ng/ul m
RT: 25.663 min Scan# 5601
Delta R.T. 0.003 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58

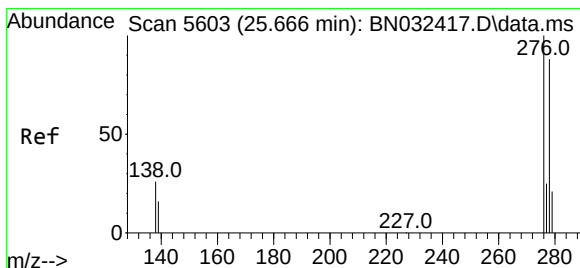
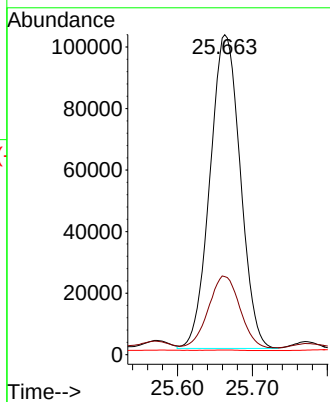
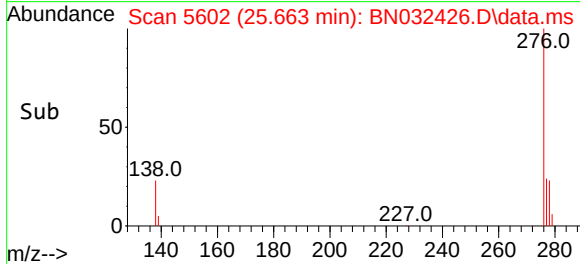
Instrument :
BNA_N
ClientSampleId :
A4CS7



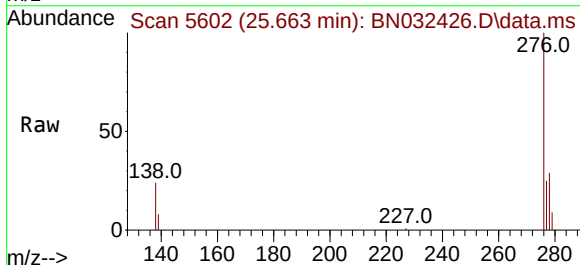
Tgt Ion:276 Resp: 286440
Ion Ratio Lower Upper
276 100
138 3.7 21.3 31.9#
227 0.1 0.1 0.1#

Manual Integrations
APPROVED

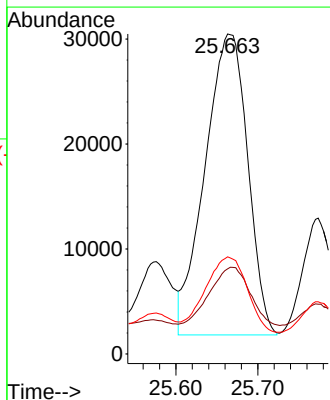
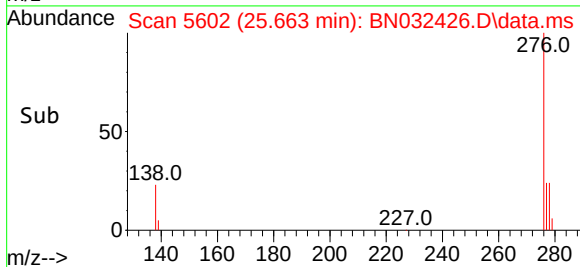
Reviewed By :Yogesh Patel 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

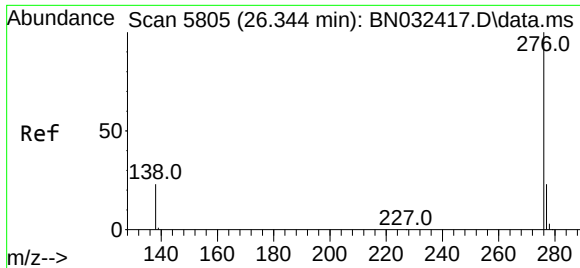


#28
Dibenzo(a,h)anthracene
Concen: 1.362 ng/ul m
RT: 25.663 min Scan# 5602
Delta R.T. -0.003 min
Lab File: BN032426.D
Acq: 03 Jul 2024 06:58



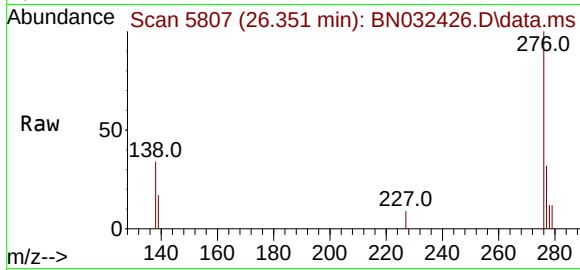
Tgt Ion:278 Resp: 104022
Ion Ratio Lower Upper
278 100
139 26.6 15.9 23.9#
279 30.4 21.1 31.7





#29
 Benzo(g,h,i)perylene
 Concen: 0.507 ng/ul m
 RT: 26.351 min Scan# 5807
 Delta R.T. 0.007 min
 Lab File: BN032426.D
 Acq: 03 Jul 2024 06:58

Instrument :
 BNA_N
 ClientSampleId :
 A4CS7



Tgt Ion: 276 Resp: 41458

Ion	Ratio	Lower	Upper
276	100		
138	34.2	19.8	29.6
277	32.3	19.8	29.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

