

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032670.D
 Acq On : 12 Jul 2024 13:11
 Operator : MA/JU
 Sample : P3088-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 13:53:59 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 : Fri Jul 12 01:40:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	5366	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.325	136	15537	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.201	164	8998	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.960	188	18732m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.172	240	15088m	0.400	ng/ul	-0.02
23) Perylene-d12	23.370	264	19890m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	16610	2.578	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	4804	0.205	ng/ul	-0.05
18) Fluoranthene-d10	18.997	212	11849m	0.241	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.369	128	21978	0.527	ng/ul	98
7) 2-Methylnaphthalene	11.997	142	11535	0.443	ng/ul	97
8) 1-Methylnaphthalene	12.223	142	8360	0.310	ng/ul	100
10) Acenaphthylene	13.923	152	56870	1.564	ng/ul	99
11) Acenaphthene	14.265	153	23922	0.796	ng/ul	99
12) Fluorene	15.260	166	29803	0.867	ng/ul	98
14) Pentachlorophenol	16.630	266	373m	0.113	ng/ul	
15) Phenanthrene	16.998	178	663473m	13.005	ng/ul	
16) Anthracene	17.090	178	145334m	3.487	ng/ul	
19) Fluoranthene	19.030	202	1530426m	24.948	ng/ul	
20) Pyrene	19.397	202	832961m	13.118	ng/ul	
21) Benzo(a)anthracene	21.154	228	737840m	15.363	ng/ul	
22) Chrysene	21.207	228	802207m	11.546	ng/ul	
24) Benzo(b)fluoranthene	22.712	252	1084941m	15.460	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	472820m	5.528	ng/ul	
26) Benzo(a)pyrene	23.273	252	385833m	6.353	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.574	276	353148m	4.294	ng/ul	
28) Dibenzo(a,h)anthracene	25.578	278	153036m	2.401	ng/ul	
29) Benzo(g,h,i)perylene	26.262	276	237760m	3.459	ng/ul	

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

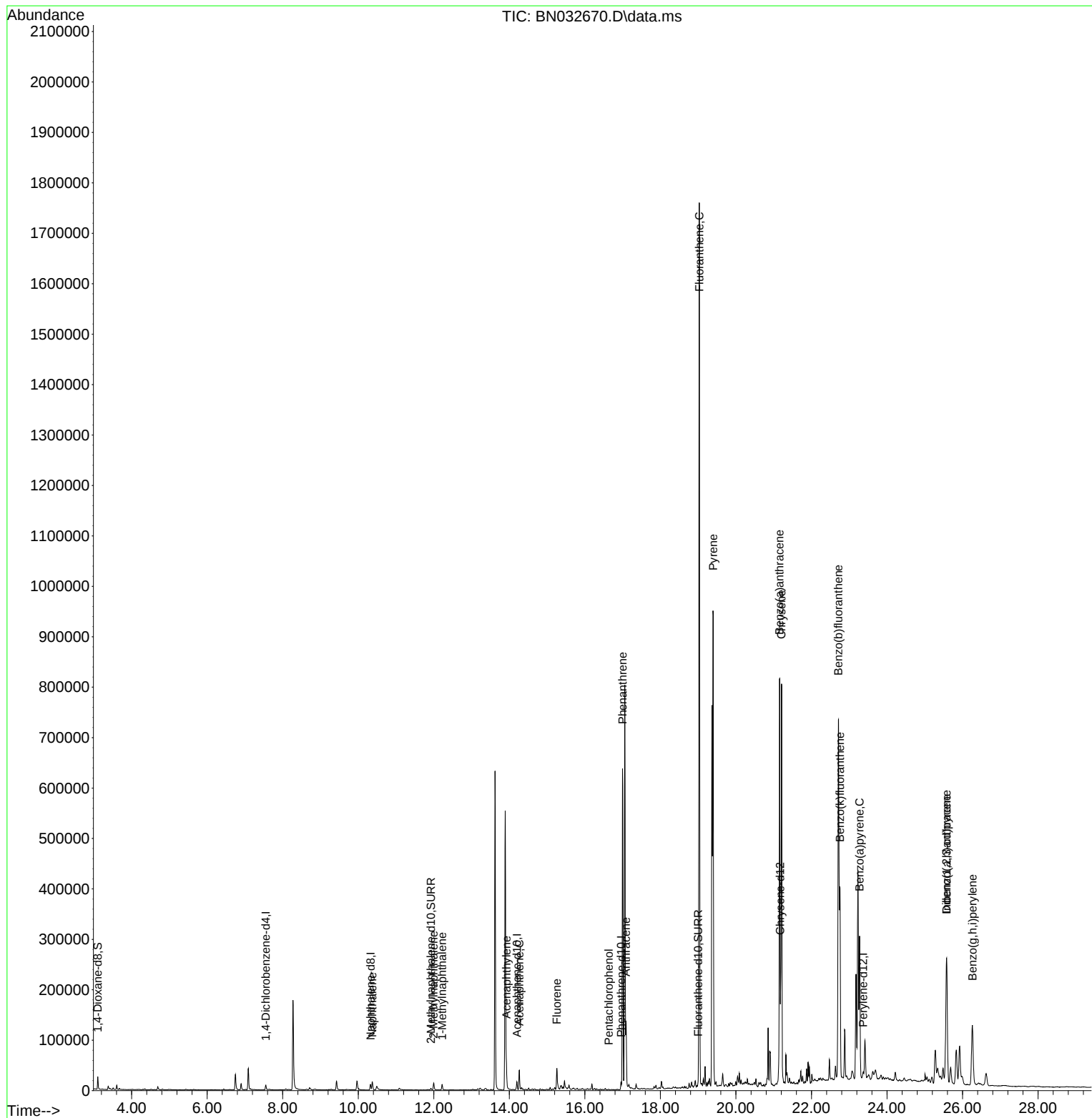
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032670.D
Acq On : 12 Jul 2024 13:11
Operator : MA/JU
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ALS Vial : 9 Sample Multiplier: 1

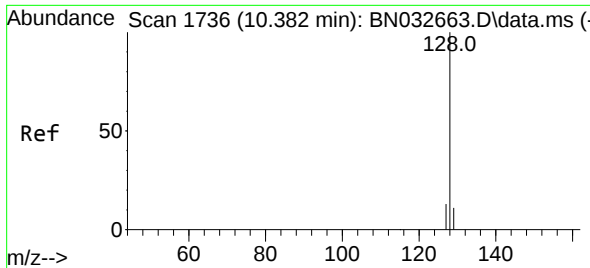
Instrument :
BNA_N
ClientSampleId :
A4BR8

Manual Integrations
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Supervised By :mohammad ahmed 07/16/2024

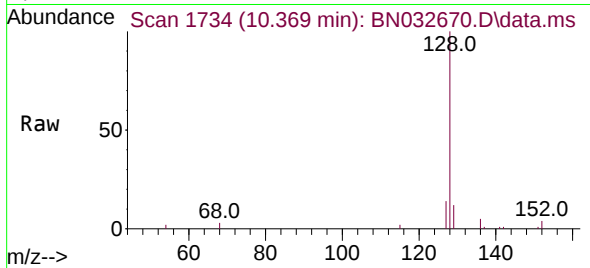
Quant Time: Jul 12 13:53:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.527 ng/ul
RT: 10.369 min Scan# 1736
Delta R.T. -0.040 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

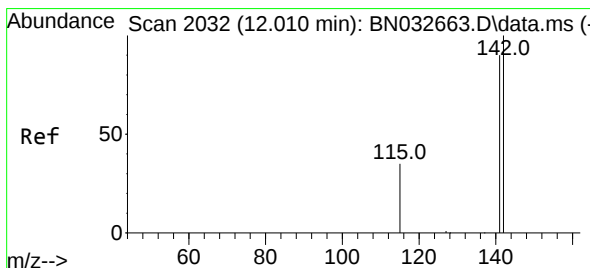
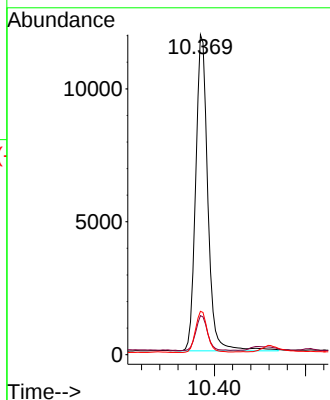
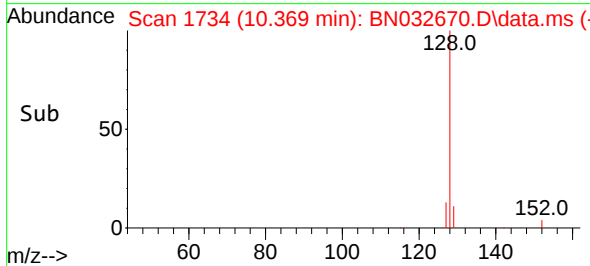
Instrument :
BNA_N
ClientSampleId :
A4BR8



Tgt Ion:128 Resp: 21978
Ion Ratio Lower Upper
128 100
129 12.2 10.0 15.0
127 13.5 11.6 17.4

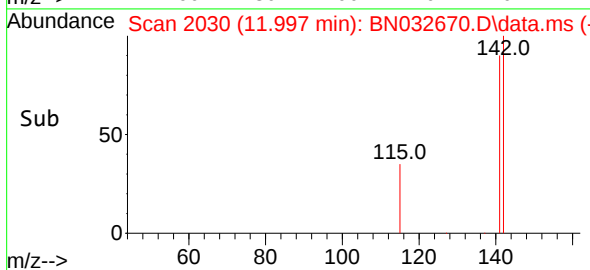
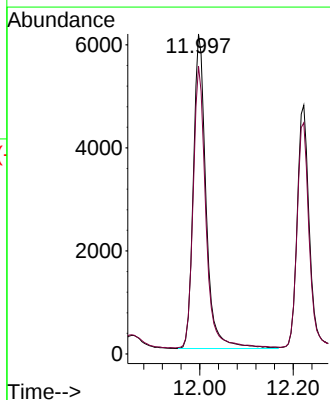
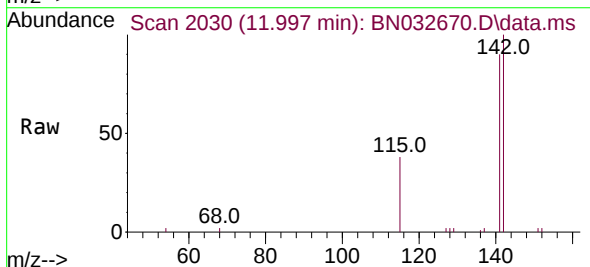
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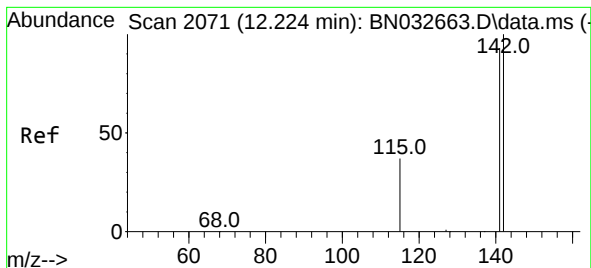
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.443 ng/ul
RT: 11.997 min Scan# 2030
Delta R.T. -0.051 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

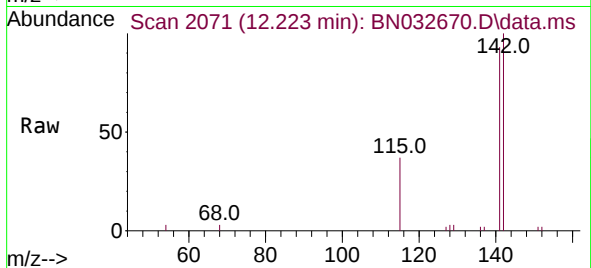
Tgt Ion:142 Resp: 11535
Ion Ratio Lower Upper
142 100
141 89.5 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.223 min Scan# 2071
Delta R.T. -0.023 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

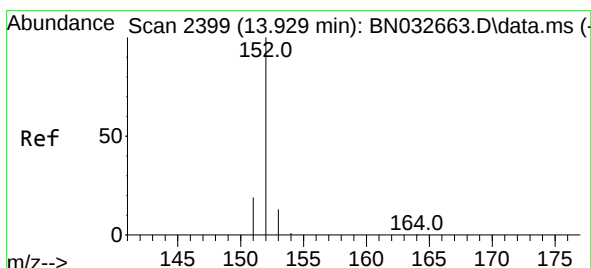
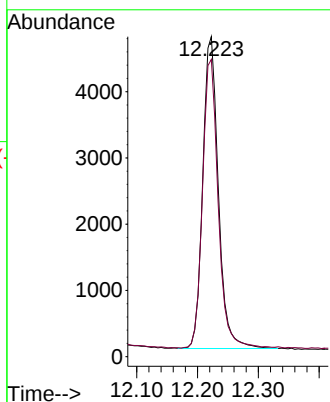
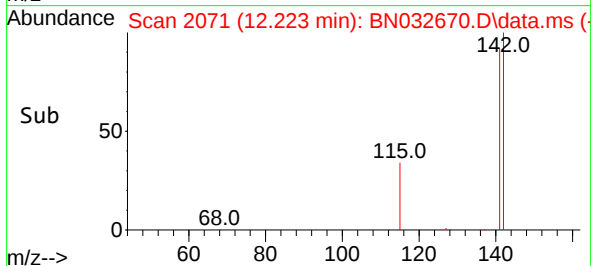
Instrument :
BNA_N
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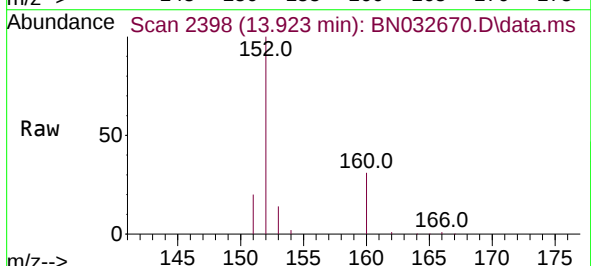
Tgt Ion:142 Resp: 8360
Ion Ratio Lower Upper
142 100
141 93.5 75.0 112.4

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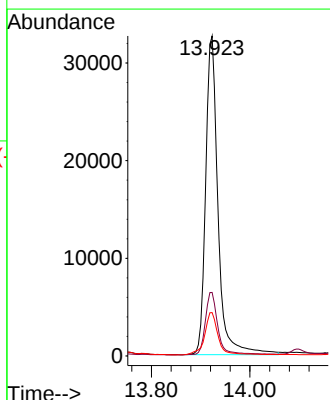
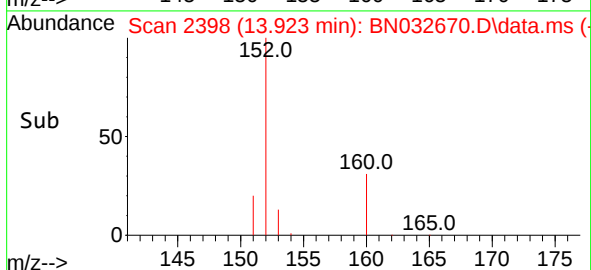
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

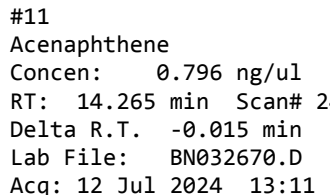


#10
Acenaphthylene
Concen: 1.564 ng/ul
RT: 13.923 min Scan# 2398
Delta R.T. -0.020 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

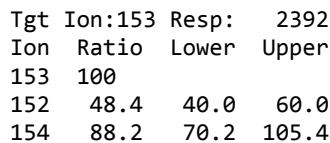


Tgt Ion:152 Resp: 56870
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.6 11.3 16.9



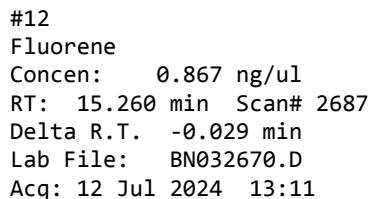
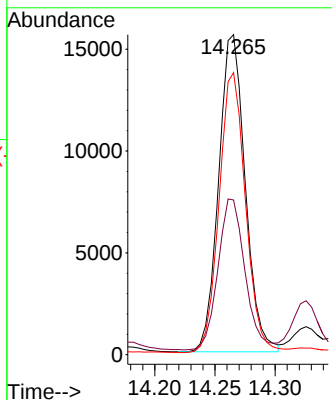


Instrument :
BNA_N
ClientSampleId :
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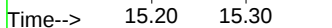
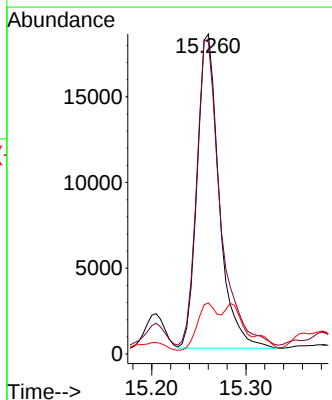


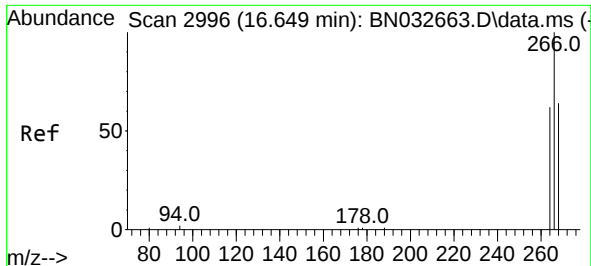
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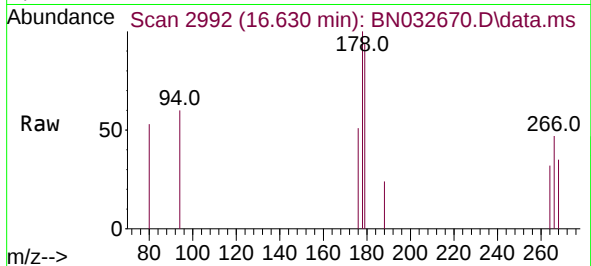
Tgt	Ion:166	Resp:	29803
Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.7	119.5
167	15.9	11.4	17.2





#14
Pentachlorophenol
Concen: 0.113 ng/ul m
RT: 16.630 min Scan# 2996
Delta R.T. -0.039 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

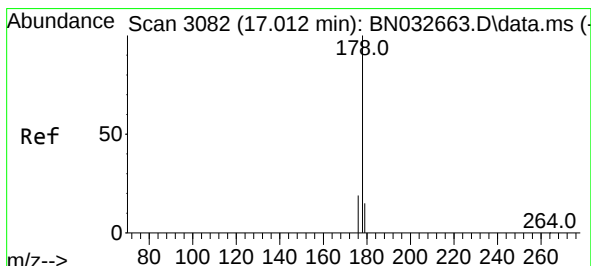
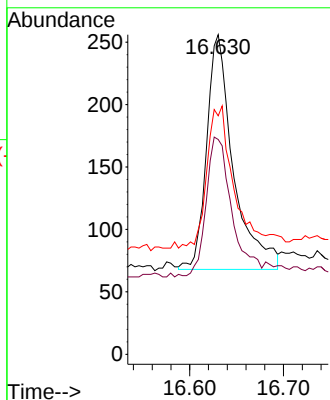
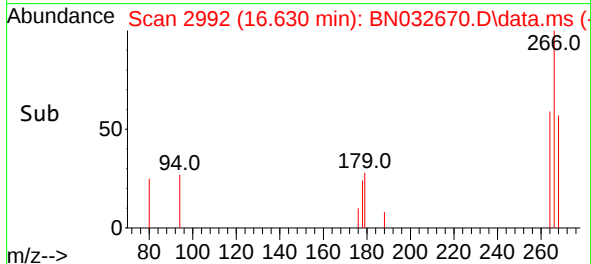
Instrument :
BNA_N
ClientSampleId :
A4BR8



Tgt Ion:266 Resp: 37
Ion Ratio Lower Upper
266 100
264 0.8 49.4 74.2
268 2.1 51.6 77.4

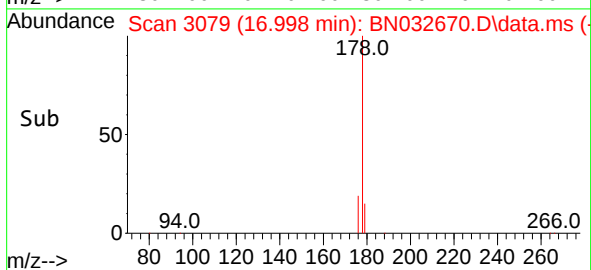
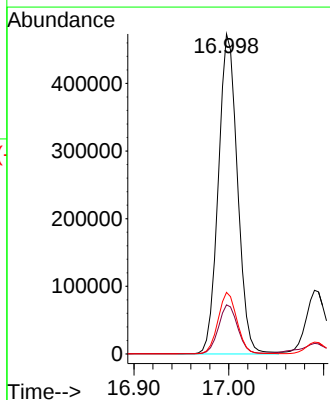
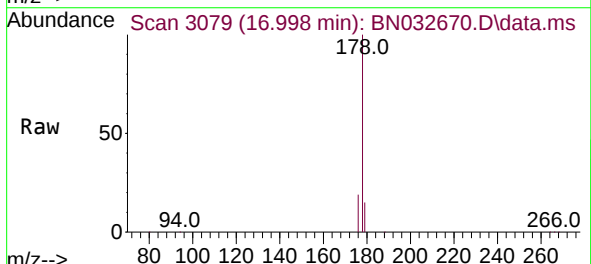
Manual Integrations
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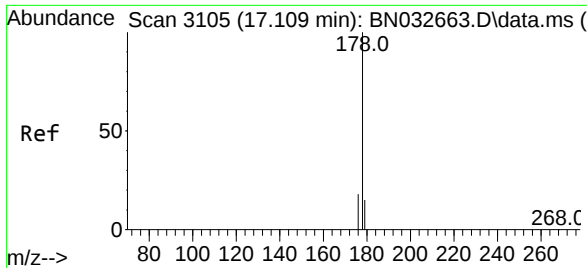
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 13.005 ng/ul m
RT: 16.998 min Scan# 3079
Delta R.T. -0.031 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

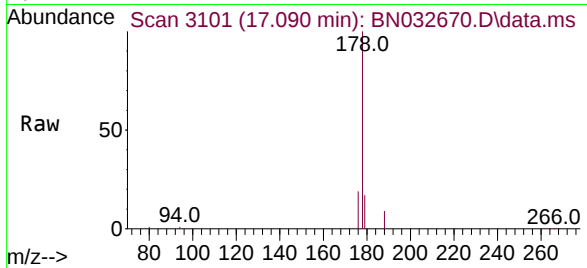
Tgt Ion:178 Resp: 663473
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.3 15.6 23.4





#16
 Anthracene
 Concen: 3.487 ng/ul m
 RT: 17.090 min Scan# 3105
 Delta R.T. -0.048 min
 Lab File: BN032670.D
 Acq: 12 Jul 2024 13:11

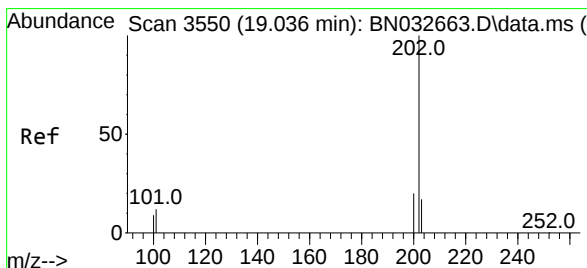
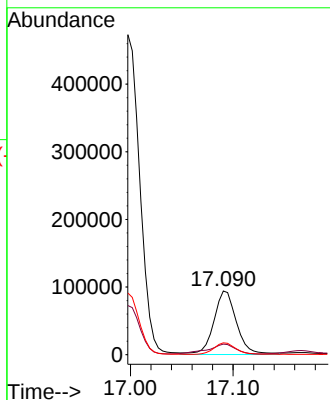
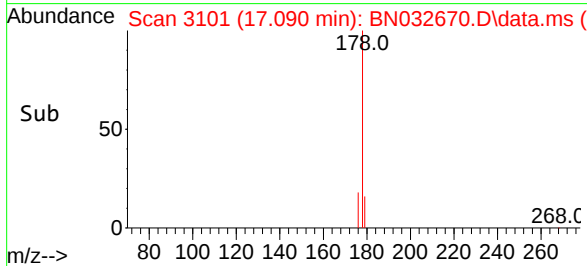
Instrument :
 BNA_N
 ClientSampleId :
 A4BR8



Tgt Ion:178 Resp: 145334
 Ion Ratio Lower Upper
 178 100
 179 16.5 13.4 20.2
 176 18.6 15.4 23.0

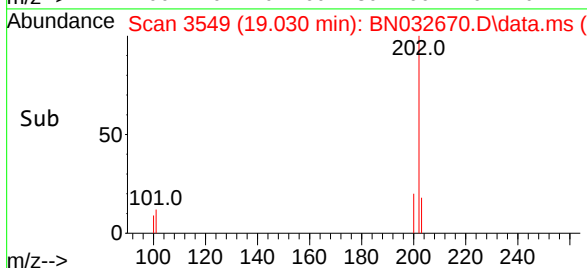
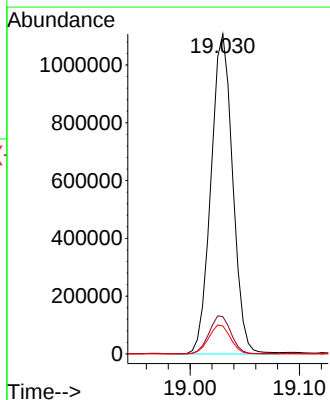
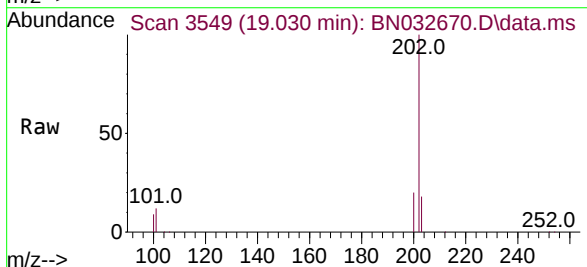
Manual Integrations
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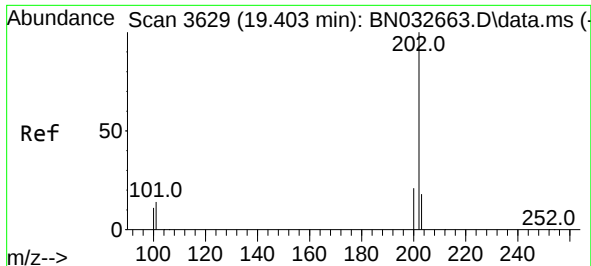
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 24.948 ng/ul m
 RT: 19.030 min Scan# 3549
 Delta R.T. -0.025 min
 Lab File: BN032670.D
 Acq: 12 Jul 2024 13:11

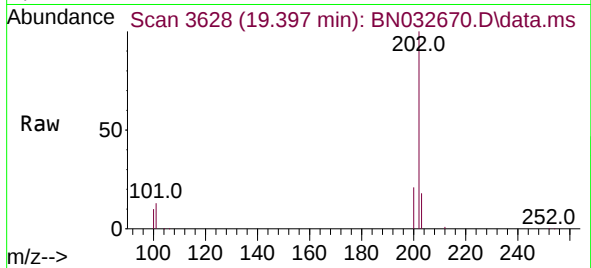
Tgt Ion:202 Resp: 1530426
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.8 14.8
 100 8.7 7.9 11.9





#20
Pyrene
Concen: 13.118 ng/ul m
RT: 19.397 min Scan# 30
Delta R.T. -0.025 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

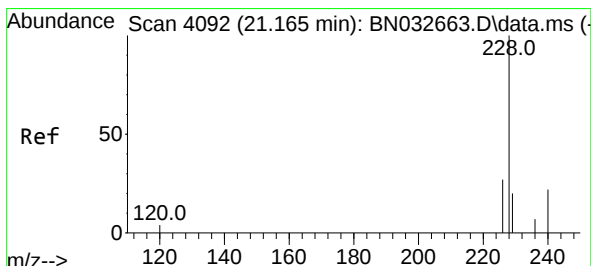
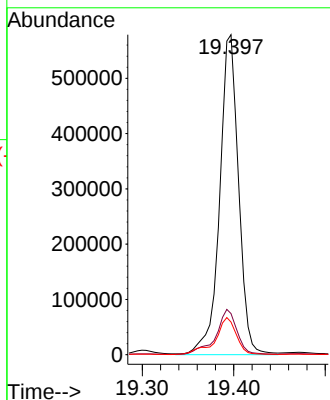
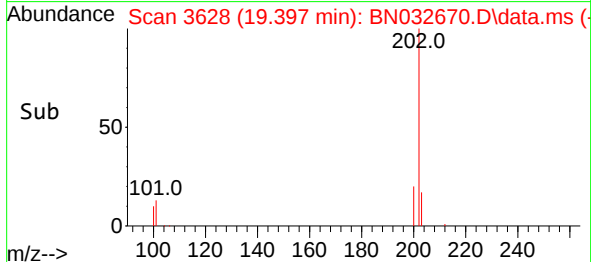
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BNA_N
ClientSampleId :
A4BR8



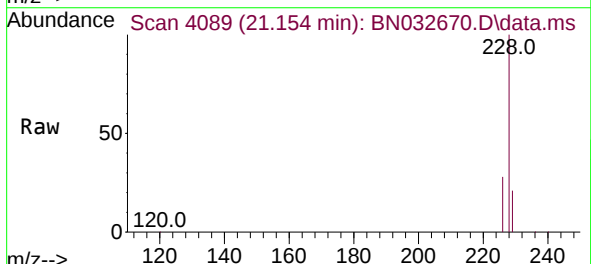
Tgt Ion:202 Resp: 83296
Ion Ratio Lower Upper
202 100
101 12.8 11.8 17.6
100 10.2 9.6 14.4

Manual Integrations
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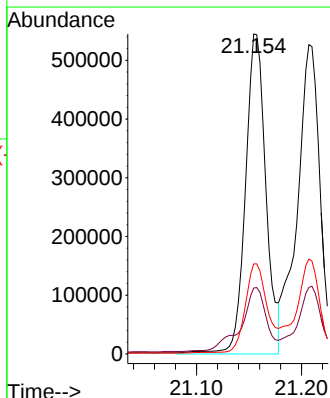
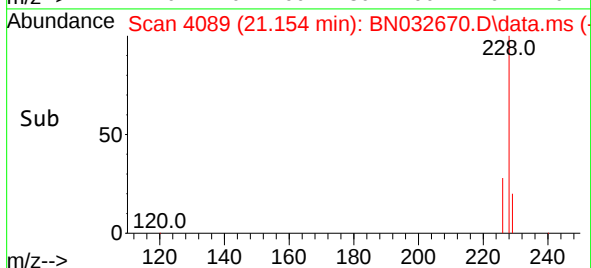
Reviewed By :Jagrut Upadhyay 07/12/2024
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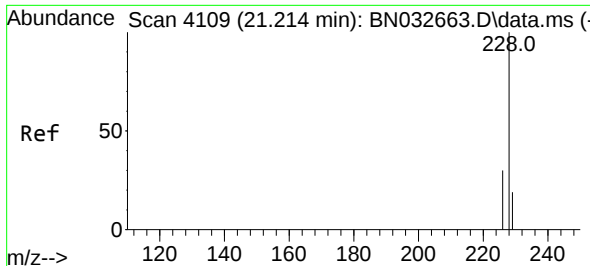


#21
Benzo(a)anthracene
Concen: 15.363 ng/ul m
RT: 21.154 min Scan# 4089
Delta R.T. -0.028 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11



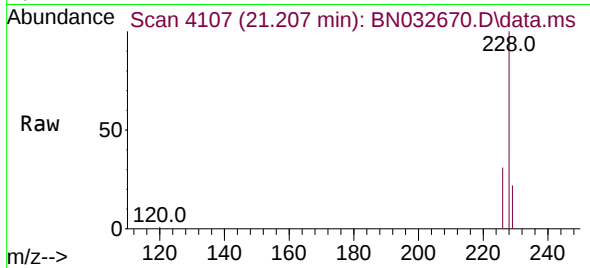
Tgt Ion:228 Resp: 737840
Ion Ratio Lower Upper
228 100
229 20.6 16.1 24.1
226 28.1 21.9 32.9





#22
Chrysene
Concen: 11.546 ng/ul m
RT: 21.207 min Scan# 4109
Delta R.T. -0.025 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

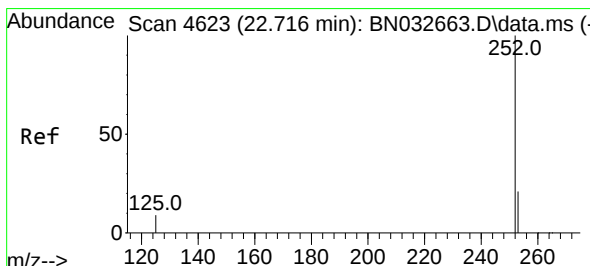
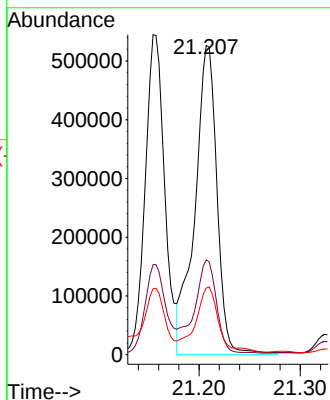
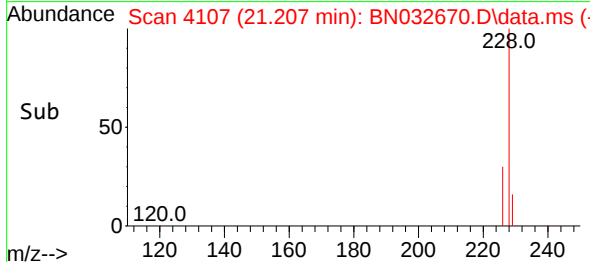
Instrument :
BNA_N
ClientSampleId :
A4BR8



Tgt Ion:228 Resp: 802207
Ion Ratio Lower Upper
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226 30.7 24.0 36.0
229 21.5 15.8 23.6

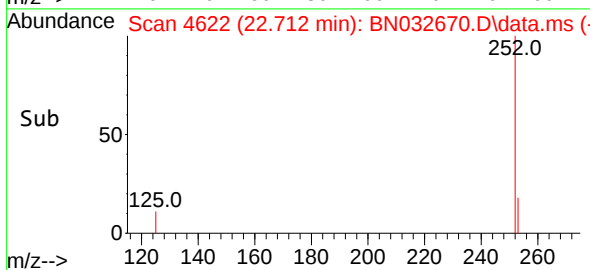
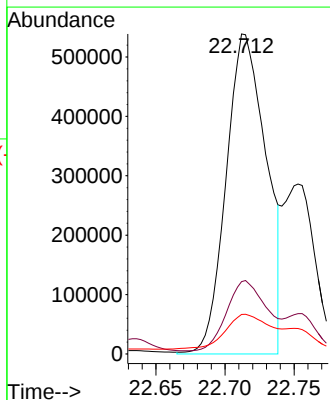
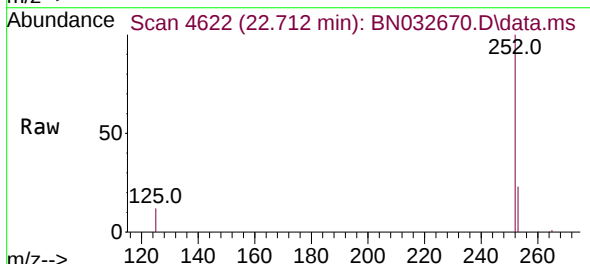
Manual Integrations
APPROVED

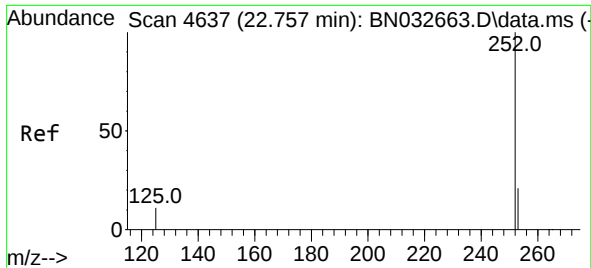
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 15.460 ng/ul m
RT: 22.712 min Scan# 4622
Delta R.T. -0.022 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

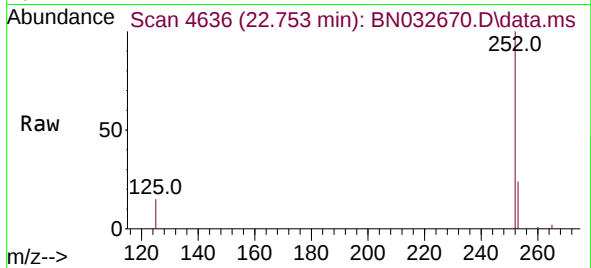
Tgt Ion:252 Resp: 1084941
Ion Ratio Lower Upper
252 100
253 22.6 0.0 54.0
125 12.4 0.0 36.0





#25
Benzo(k)fluoranthene
Concen: 5.528 ng/ul m
RT: 22.753 min Scan# 4636
Delta R.T. -0.025 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11

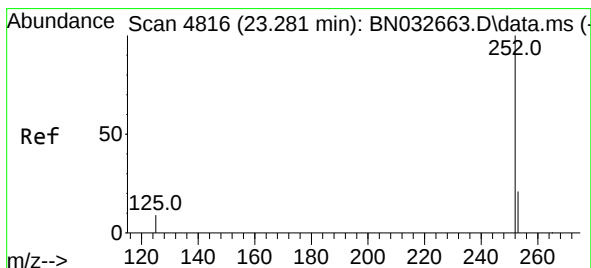
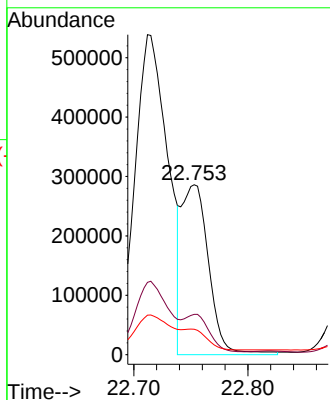
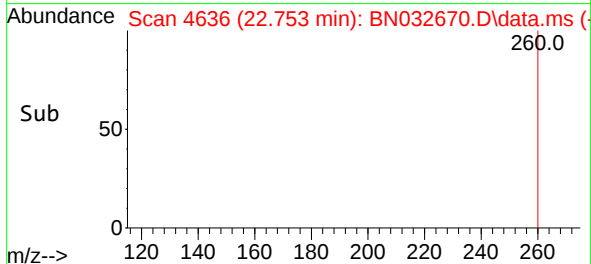
Instrument :
BNA_N
ClientSampleId :
A4BR8



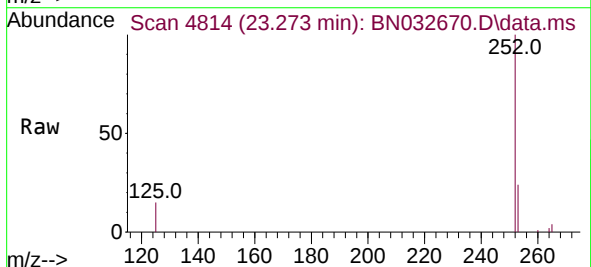
Tgt Ion:252 Resp: 472820
Ion Ratio Lower Upper
252 100
253 23.7 21.2 31.8
125 14.9 14.8 22.2

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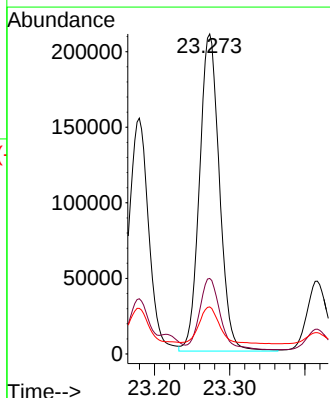
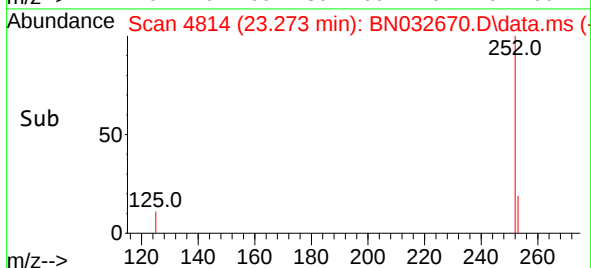
Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

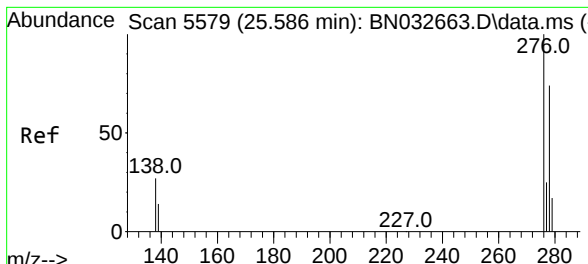


#26
Benzo(a)pyrene
Concen: 6.353 ng/ul m
RT: 23.273 min Scan# 4814
Delta R.T. -0.037 min
Lab File: BN032670.D
Acq: 12 Jul 2024 13:11



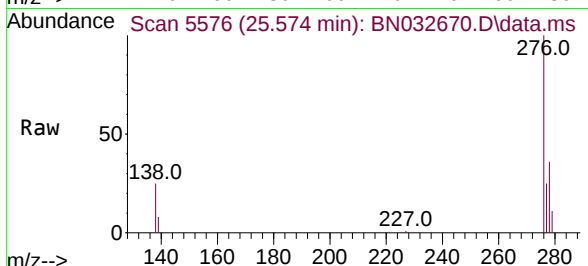
Tgt Ion:252 Resp: 385833
Ion Ratio Lower Upper
252 100
253 23.6 25.4 38.0#
125 14.7 20.6 30.8#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.294 ng/ul m
 RT: 25.574 min Scan# 5576
 Delta R.T. -0.052 min
 Lab File: BN032670.D
 Acq: 12 Jul 2024 13:11

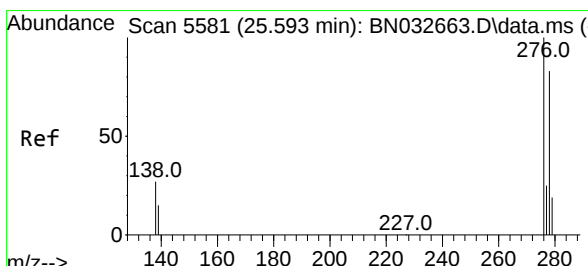
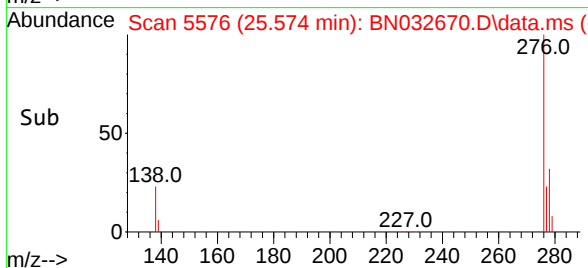
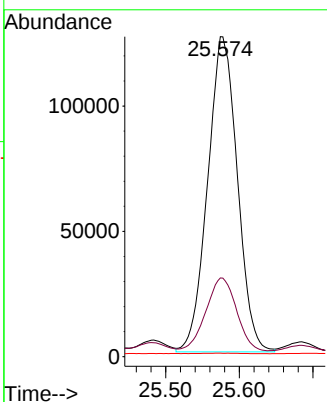
Instrument :
 BNA_N
 ClientSampleId :
 A4BR8



Tgt Ion:276 Resp: 35314
 Ion Ratio Lower Upper
 276 100
 138 4.4 21.6 32.4
 227 0.0 0.0 0.0

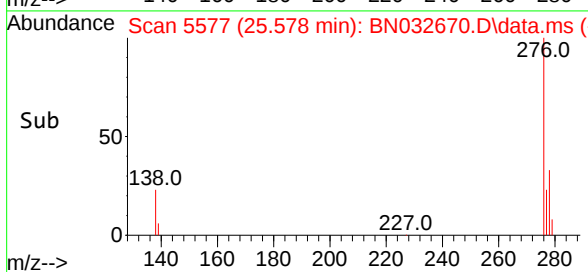
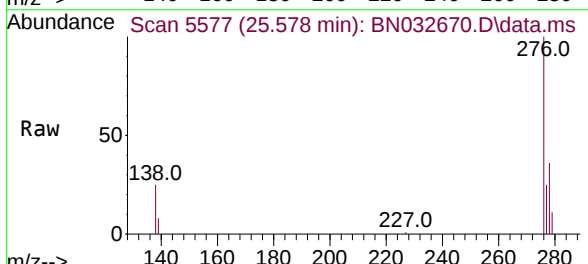
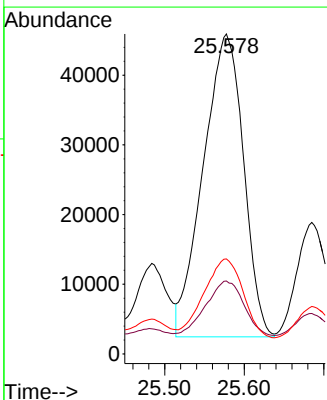
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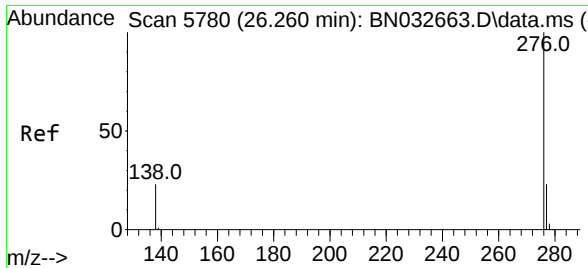
Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024



#28
 Dibenzo(a,h)anthracene
 Concen: 2.401 ng/ul m
 RT: 25.578 min Scan# 5577
 Delta R.T. -0.062 min
 Lab File: BN032670.D
 Acq: 12 Jul 2024 13:11

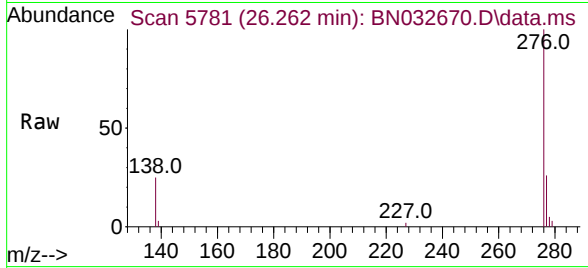
Tgt Ion:278 Resp: 153036
 Ion Ratio Lower Upper
 278 100
 139 22.8 16.6 24.8
 279 29.7 23.7 35.5





#29
 Benzo(g,h,i)perylene
 Concen: 3.459 ng/ul m
 RT: 26.262 min Scan# 51
 Delta R.T. -0.038 min
 Lab File: BN032670.D
 Acq: 12 Jul 2024 13:11

Instrument :
 BNA_N
 ClientSampleId :
 A4BR8



Tgt Ion: 276 Resp: 237760

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.0	31.4
277	25.6	20.6	31.0

Manual Integrations
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Reviewed By :Jagrut Upadhyay 07/12/2024
 Supervised By :mohammad ahmed 07/16/2024

