

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032868.D
 Acq On : 20 Jul 2024 08:03
 Operator : MA/JU
 Sample : P3238-16
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BZ6

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 22:43:08 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	7.527	152	4864	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	15645	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	8269	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	14608m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	11176m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	14643m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.085	96	13627	2.333	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3882	0.164	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	5898m	0.162	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.343	128	19732	0.470	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	8190	0.312	ng/ul	97
8) 1-Methylnaphthalene	12.197	142	7176	0.265	ng/ul	100
10) Acenaphthylene	13.897	152	21304	0.638	ng/ul	99
11) Acenaphthene	14.239	153	31960	1.157	ng/ul	99
12) Fluorene	15.239	166	33858	1.072	ng/ul	99
15) Phenanthrene	16.978	178	645396m	16.223	ng/ul	
16) Anthracene	17.071	178	122523m	3.770	ng/ul	
19) Fluoranthene	19.013	202	1151583m	25.343	ng/ul	
20) Pyrene	19.380	202	846452m	17.997	ng/ul	
21) Benzo(a)anthracene	21.138	228	511540m	14.379	ng/ul	
22) Chrysene	21.191	228	560762m	10.896	ng/ul	
24) Benzo(b)fluoranthene	22.693	252	783418m	15.163	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	263609m	4.187	ng/ul	
26) Benzo(a)pyrene	23.254	252	317195m	7.094	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.552	276	299310m	4.944	ng/ul	
28) Dibenzo(a,h)anthracene	25.552	278	98520m	2.099	ng/ul	
29) Benzo(g,h,i)perylene	26.236	276	45292m	0.895	ng/ul	

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

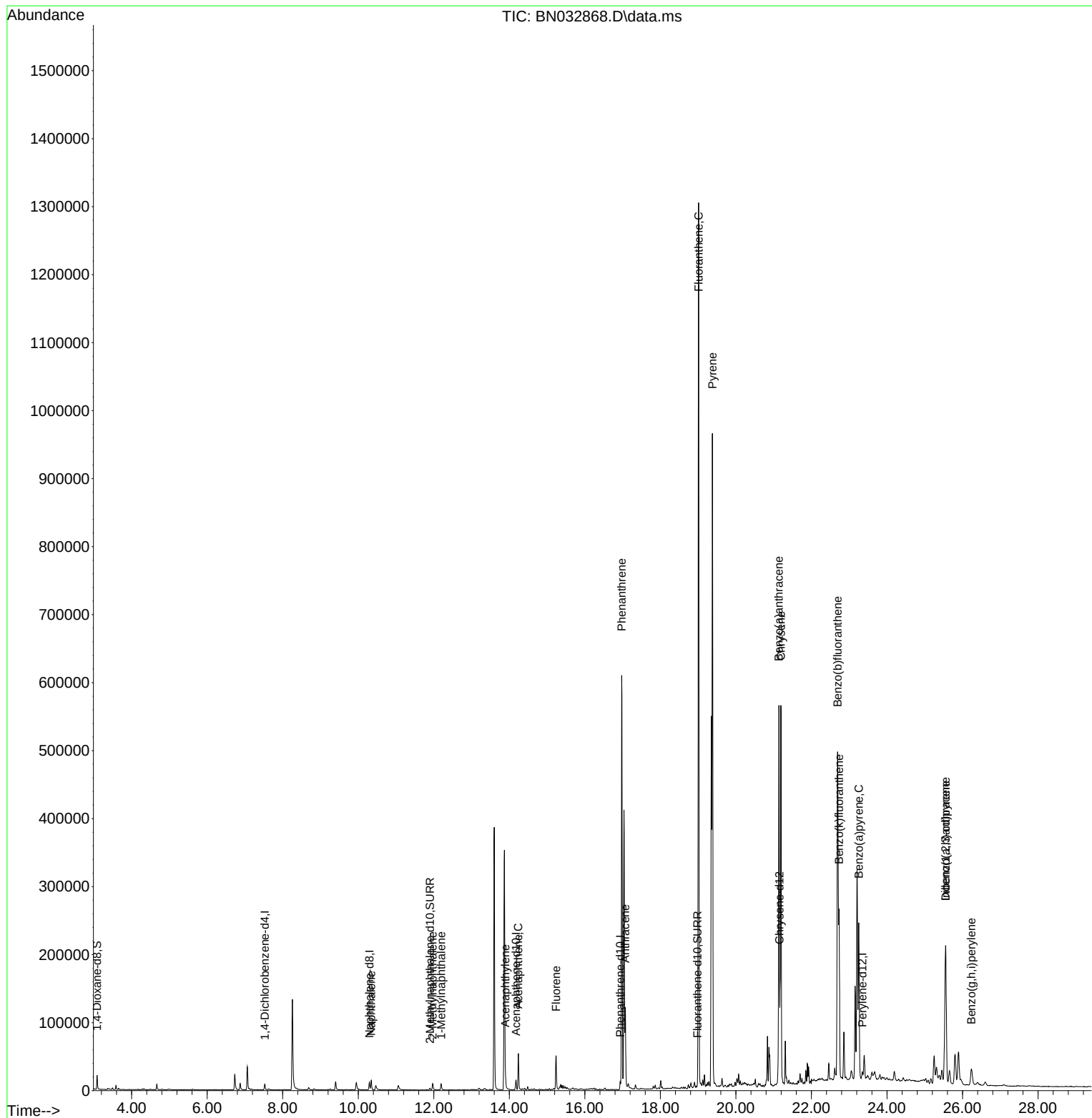
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032868.D
Acq On : 20 Jul 2024 08:03
Operator : MA/JU
Sample : P3238-16
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ALS Vial : 32 Sample Multiplier: 1

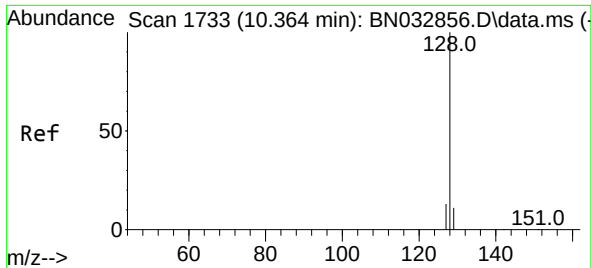
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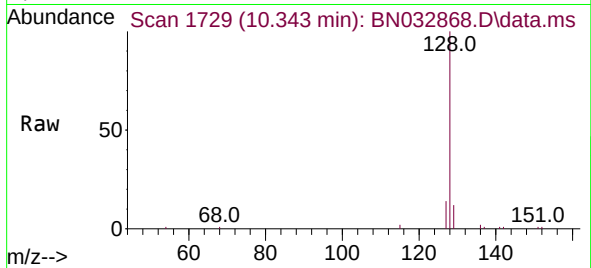
Quant Time: Jul 21 22:43:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.470 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

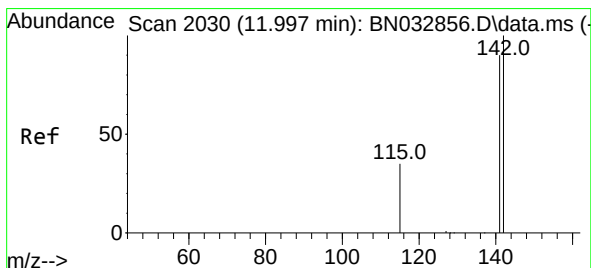
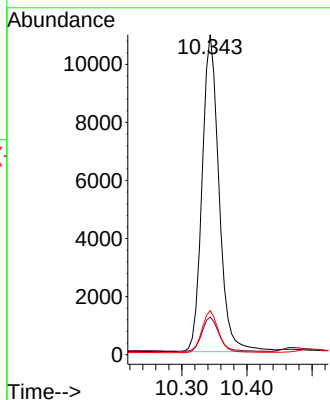
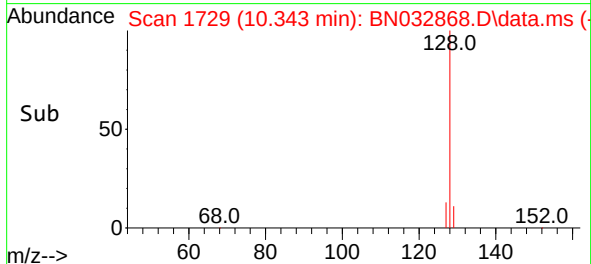
Instrument :
BNA_N
ClientSampleId :
A4BZ6



Tgt Ion:128 Resp: 19732
Ion Ratio Lower Upper
128 100
129 11.8 10.0 15.0
127 13.7 11.6 17.4

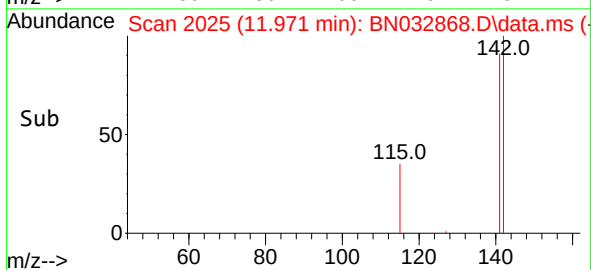
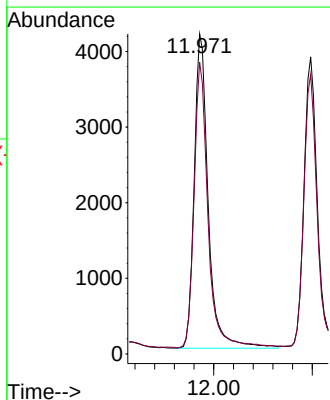
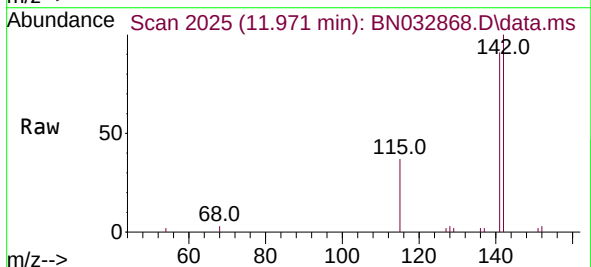
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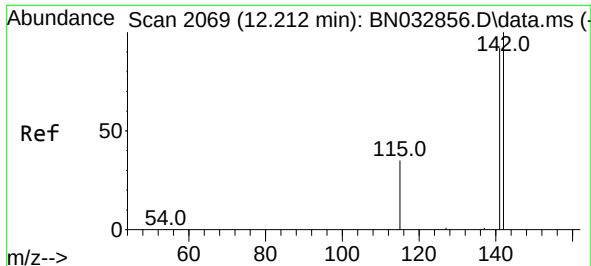
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#7
2-Methylnaphthalene
Concen: 0.312 ng/ul
RT: 11.971 min Scan# 2025
Delta R.T. -0.026 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

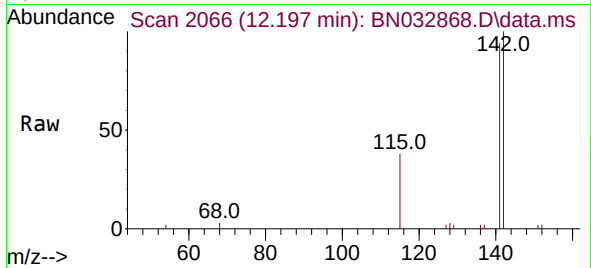
Tgt Ion:142 Resp: 8190
Ion Ratio Lower Upper
142 100
141 90.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.265 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

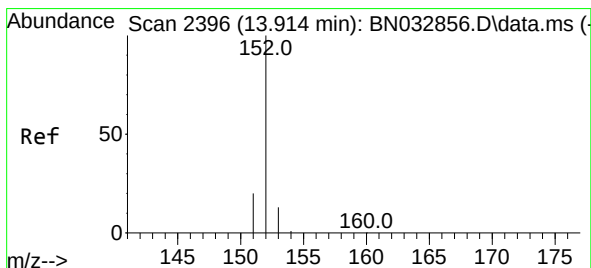
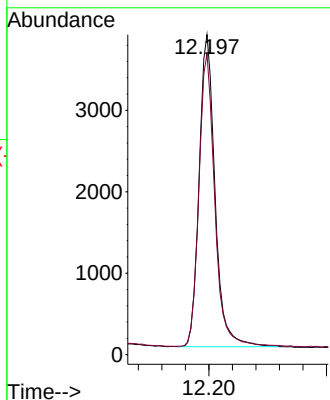
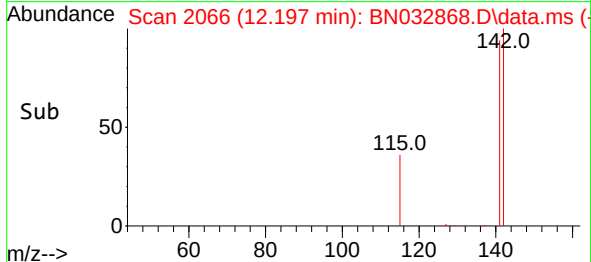
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Tgt Ion:142 Resp: 7170
Ion Ratio Lower Upper
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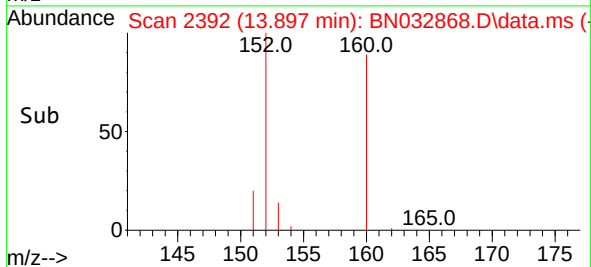
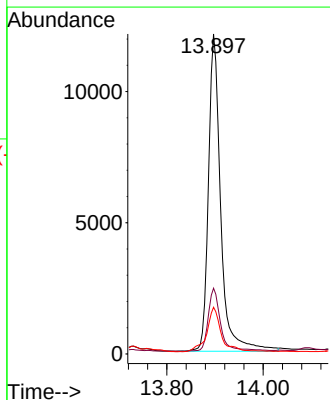
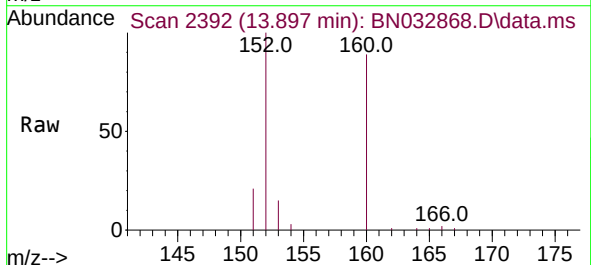
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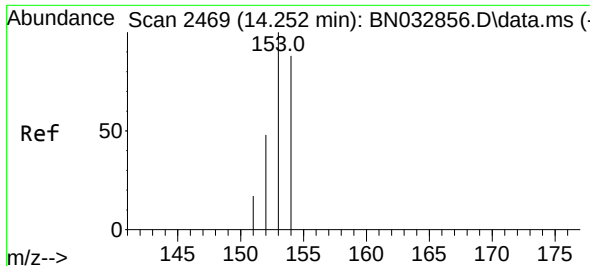
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.638 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

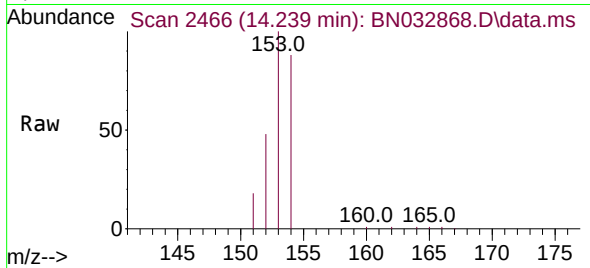
Tgt Ion:152 Resp: 21304
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 14.6 11.3 16.9





#11
Acenaphthene
Concen: 1.157 ng/ul
RT: 14.239 min Scan# 2469
Delta R.T. -0.012 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

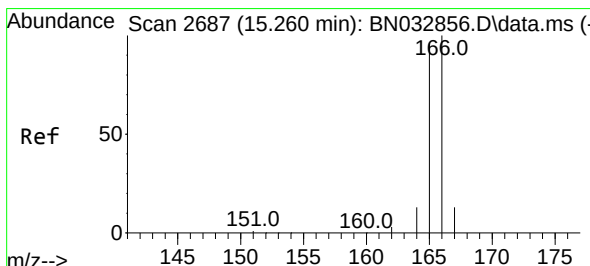
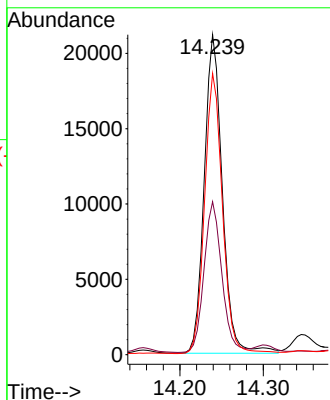
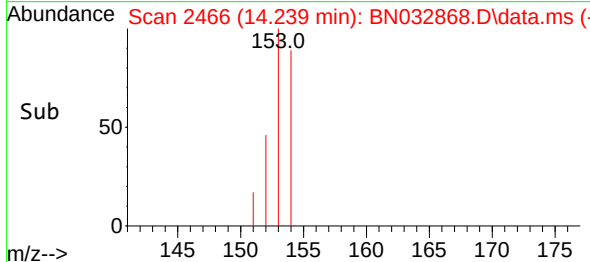
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 31960
Ion Ratio Lower Upper
153 100
152 47.8 40.0 60.0
154 87.9 70.2 105.4

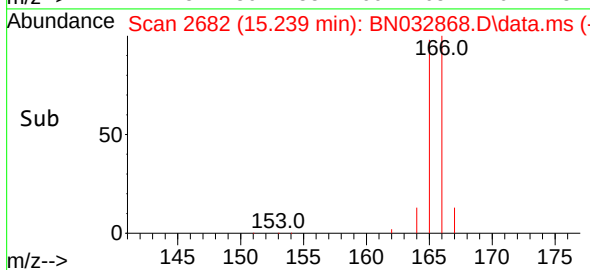
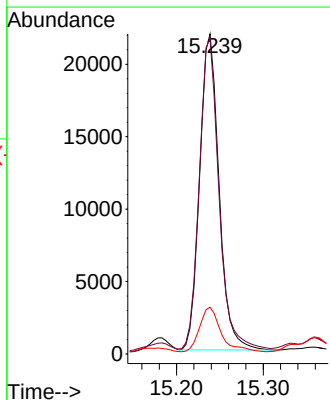
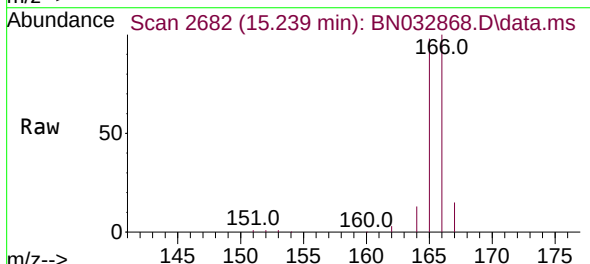
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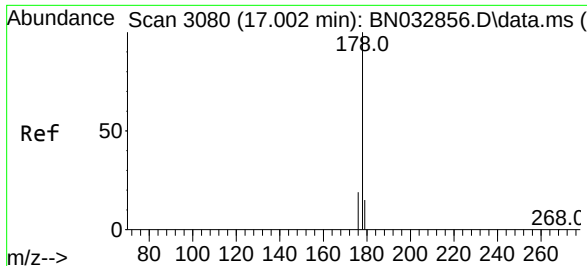
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 1.072 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

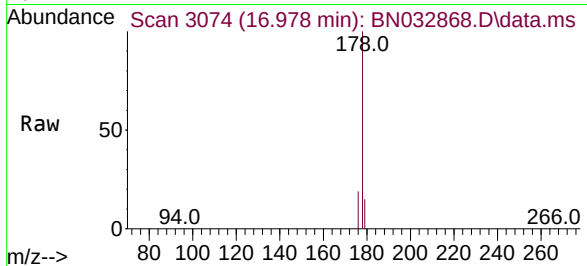
Tgt Ion:166 Resp: 33858
Ion Ratio Lower Upper
166 100
165 98.4 79.7 119.5
167 14.6 11.4 17.2





#15
Phenanthrene
Concen: 16.223 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

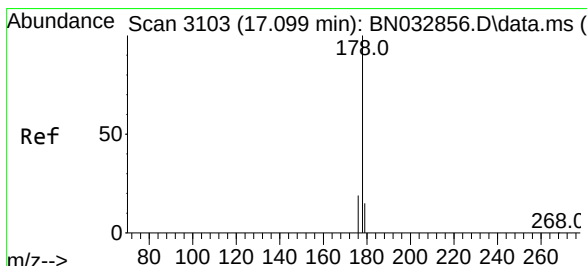
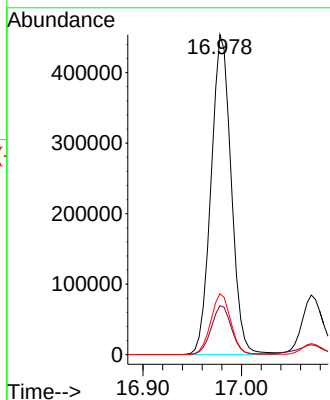
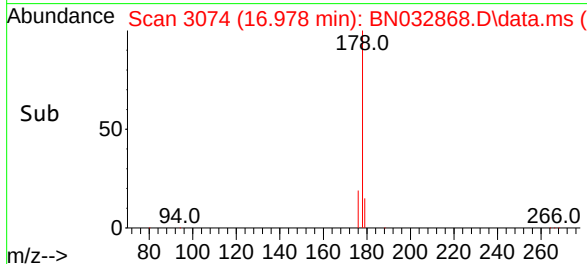
Instrument :
BNA_N
ClientSampleId :
A4BZ6



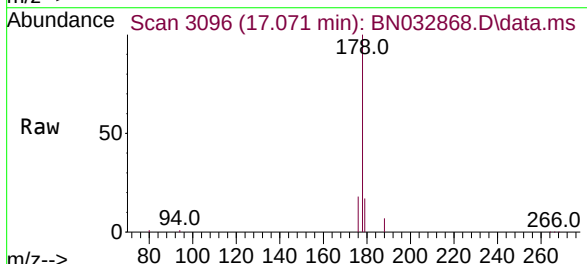
Tgt Ion:178 Resp: 645390
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.0 15.6 23.4

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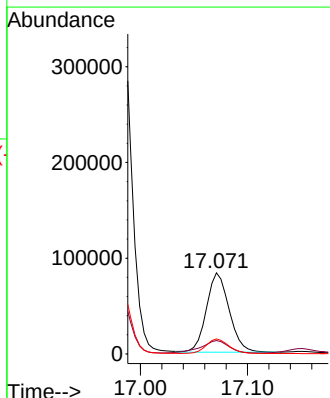
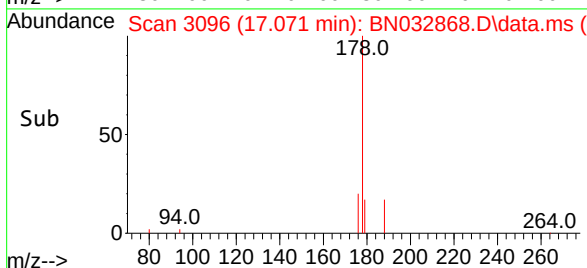
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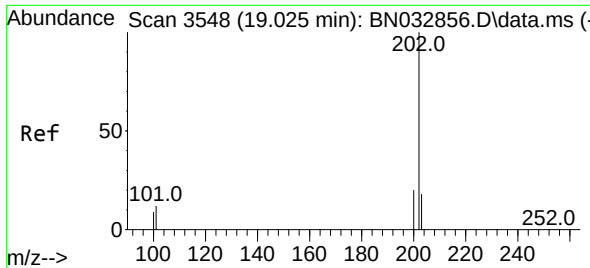


#16
Anthracene
Concen: 3.770 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03



Tgt Ion:178 Resp: 122523
Ion Ratio Lower Upper
178 100
179 16.6 13.4 20.2
176 18.5 15.4 23.0





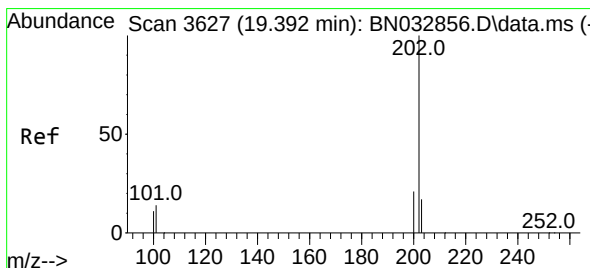
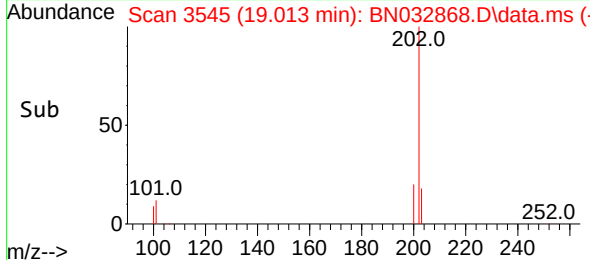
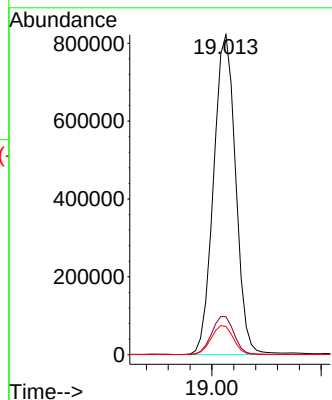
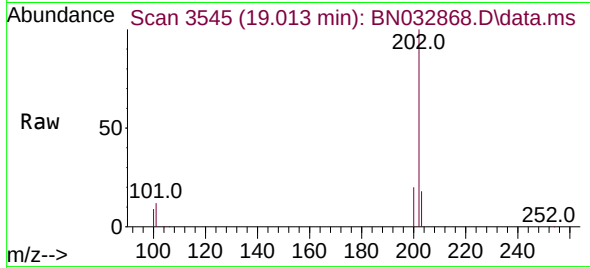
#19
Fluoranthene
Concen: 25.343 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

Instrument :
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ClientSampleId :
A4BZ6

Tgt Ion:202 Resp: 115158
Ion Ratio Lower Upper
202 100
101 11.8 9.8 14.8
100 8.8 7.9 11.9

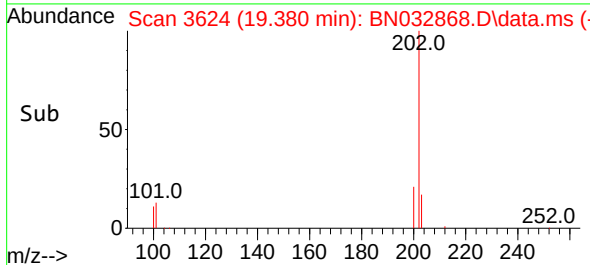
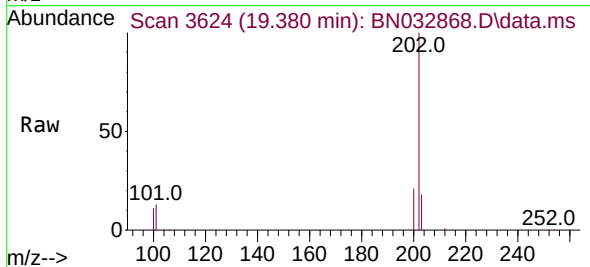
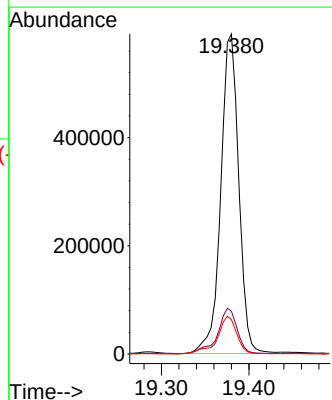
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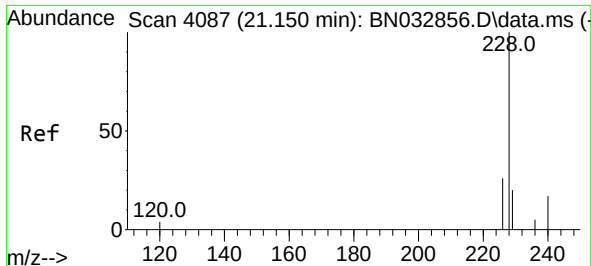
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 17.997 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

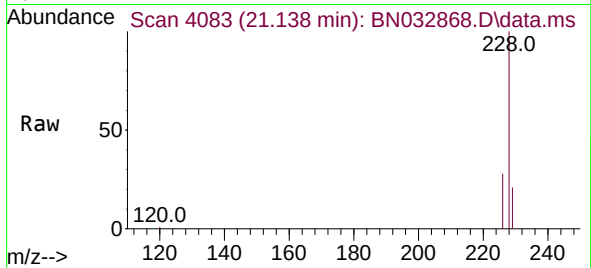
Tgt Ion:202 Resp: 846452
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 14.379 ng/ul m
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

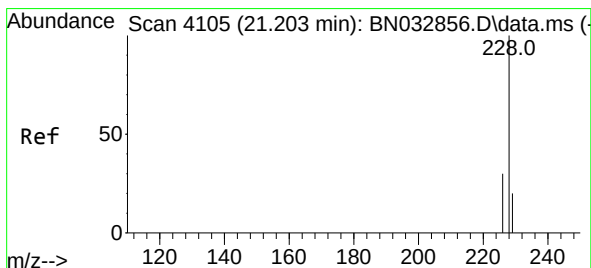
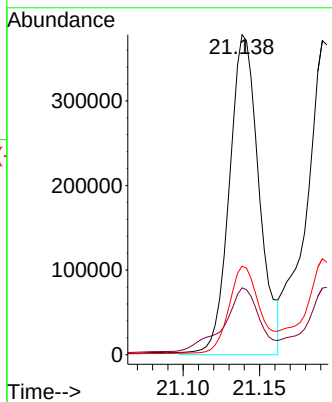
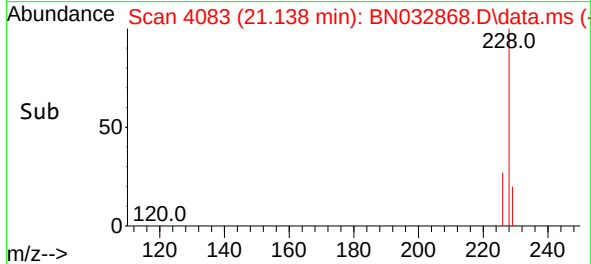
Instrument :
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Tgt Ion:228 Resp: 511540
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 27.7 21.9 32.9

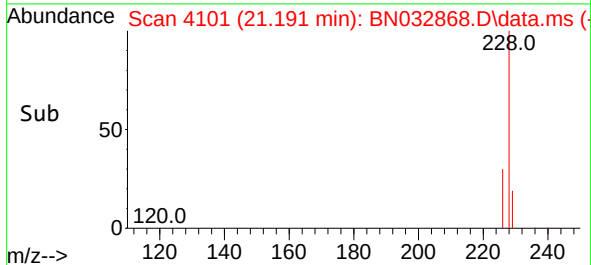
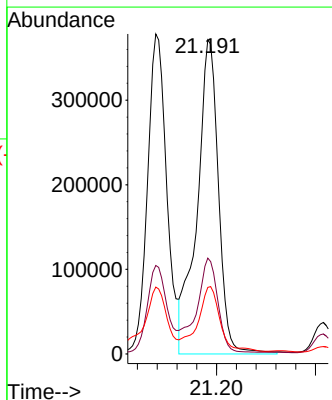
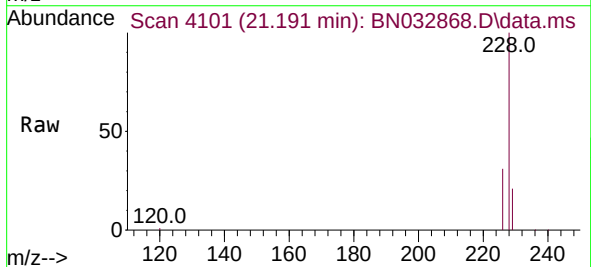
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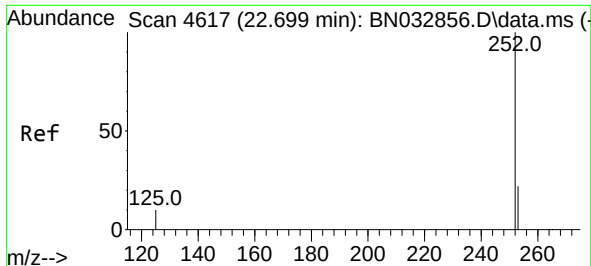
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 10.896 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

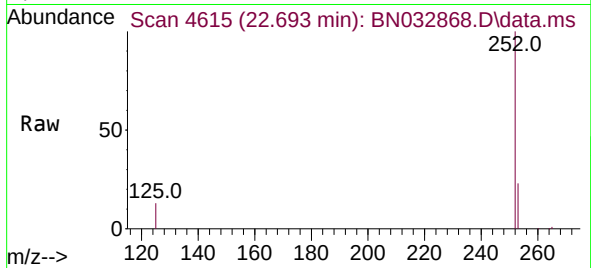
Tgt Ion:228 Resp: 560762
Ion Ratio Lower Upper
228 100
226 30.5 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 15.163 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.006 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

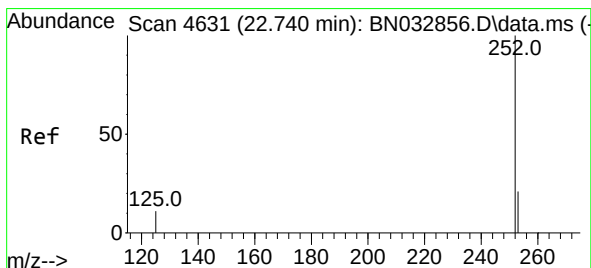
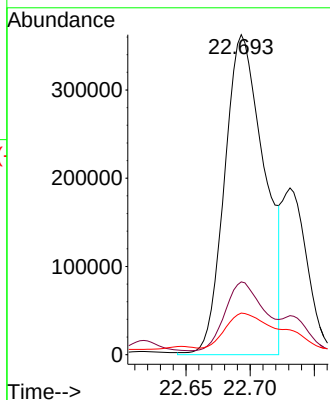
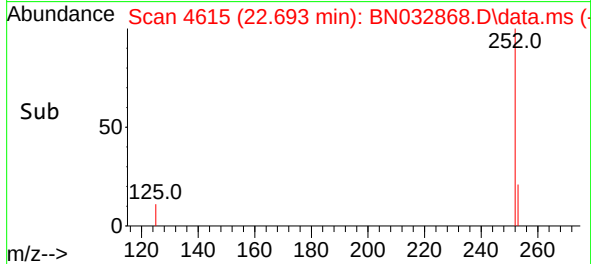
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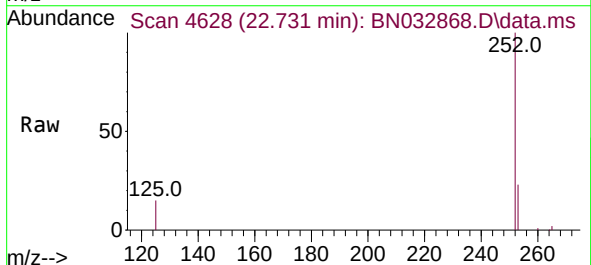
Tgt Ion:252 Resp: 783418
Ion Ratio Lower Upper
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253 22.7 0.0 54.0
125 13.0 0.0 36.0

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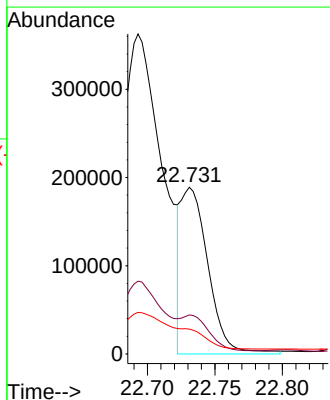
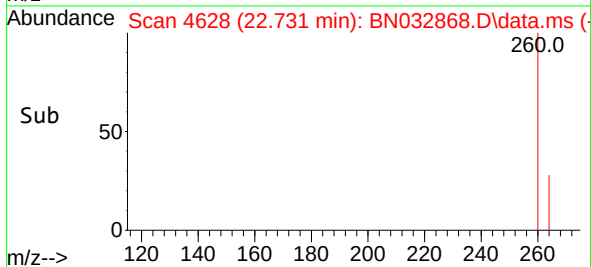
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

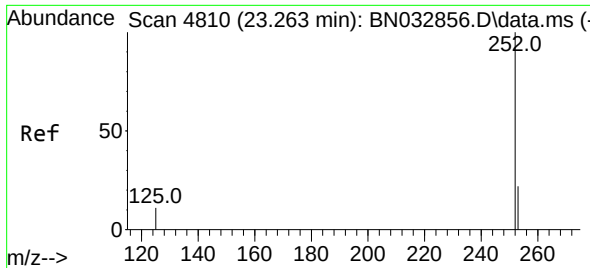


#25
Benzo(k)fluoranthene
Concen: 4.187 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.009 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03



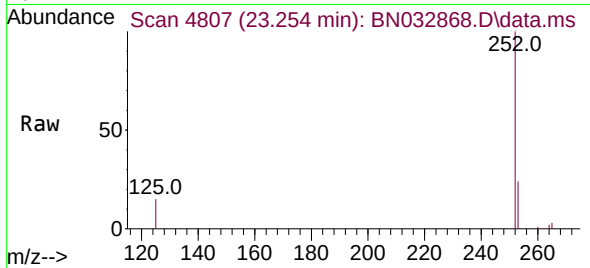
Tgt Ion:252 Resp: 263609
Ion Ratio Lower Upper
252 100
253 23.4 21.2 31.8
125 14.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 7.094 ng/ul m
RT: 23.254 min Scan# 4810
Delta R.T. -0.009 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

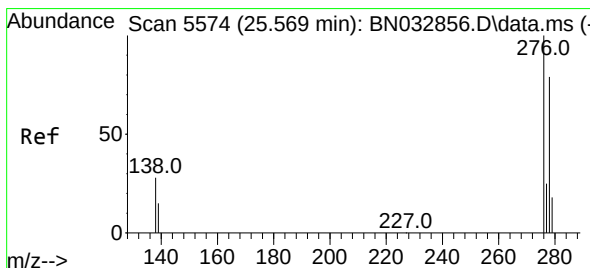
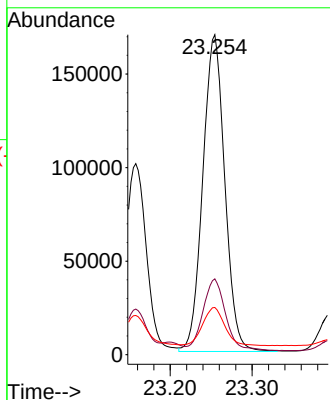
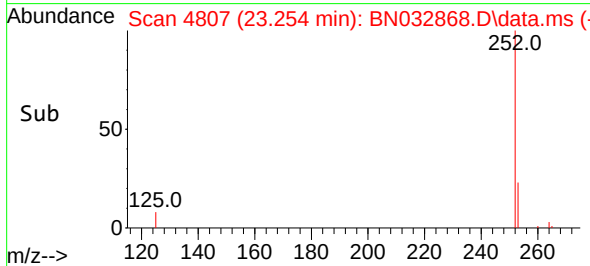
Instrument :
BNA_N
ClientSampleId :
A4BZ6



Tgt Ion:252 Resp: 31719
Ion Ratio Lower Upper
252 100
253 23.7 25.4 38.0#
125 14.8 20.6 30.8#

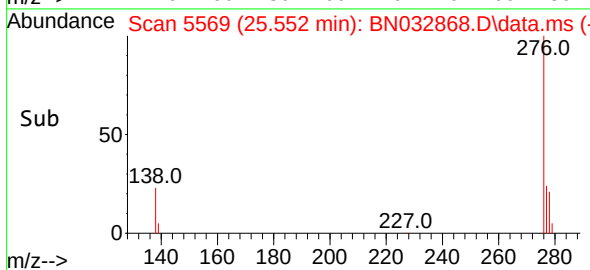
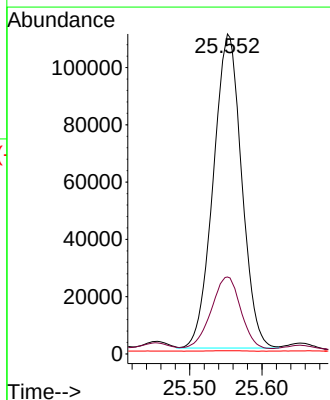
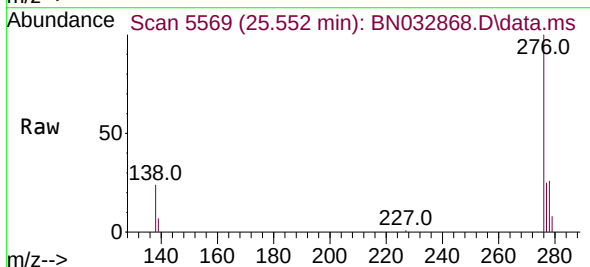
Manual Integrations
APPROVED

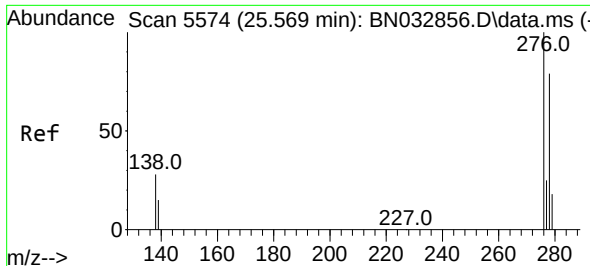
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 4.944 ng/ul m
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

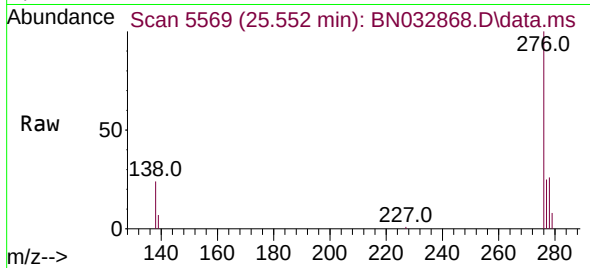
Tgt Ion:276 Resp: 299310
Ion Ratio Lower Upper
276 100
138 3.4 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 2.099 ng/ul m
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

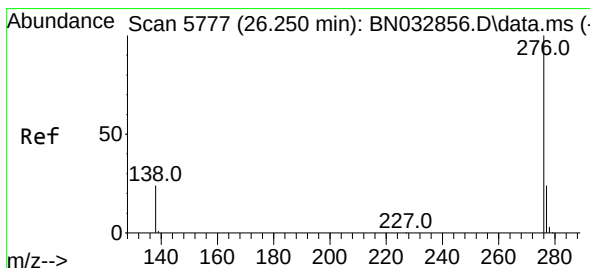
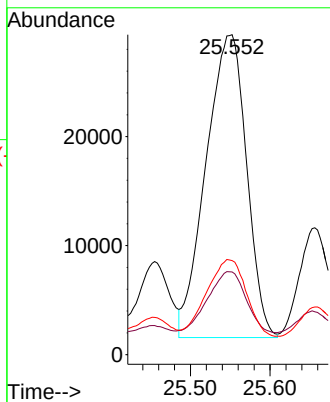
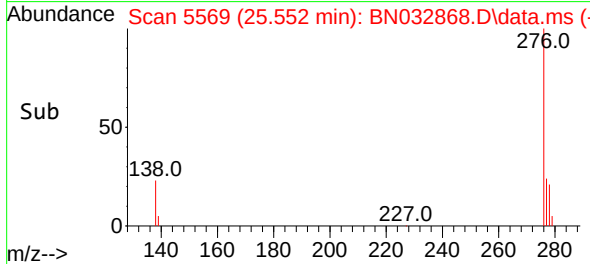
Instrument :
BNA_N
ClientSampleId :
A4BZ6



Tgt Ion:278 Resp: 98520
Ion Ratio Lower Upper
278 100
139 25.9 16.6 24.8#
279 29.4 23.7 35.5#

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.895 ng/ul m
RT: 26.236 min Scan# 5773
Delta R.T. -0.014 min
Lab File: BN032868.D
Acq: 20 Jul 2024 08:03

Tgt Ion:276 Resp: 45292
Ion Ratio Lower Upper
276 100
138 32.6 21.0 31.4#
277 33.2 20.6 31.0#

