

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032829.D
 Acq On : 18 Jul 2024 22:15
 Operator : MA/JU
 Sample : P3100-20DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4D33DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 18 23:33:07 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	4095	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.305	136	12782	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.184	164	7545	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188	15205	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	14588	0.400	ng/ul	-0.02
23) Perylene-d12	23.348	264	17854	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	4840	0.984	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.911	152	1241	0.064	ng/ul	-0.02
18) Fluoranthene-d10	18.985	212	2706	0.057	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	8922	0.260	ng/ul	99
7) 2-Methylnaphthalene	11.988	142	5607	0.262	ng/ul	96
8) 1-Methylnaphthalene	12.202	142	5139	0.232	ng/ul	99
10) Acenaphthylene	13.906	152	28166	0.924	ng/ul	100
11) Acenaphthene	14.248	153	4418	0.175	ng/ul	99
12) Fluorene	15.243	166	5154	0.179	ng/ul#	97
15) Phenanthrene	16.986	178	139329	3.365	ng/ul	98
16) Anthracene	17.079	178	37114	1.097	ng/ul	99
19) Fluoranthene	19.013	202	385544	6.500	ng/ul	99
20) Pyrene	19.380	202	262261	4.272	ng/ul	99
21) Benzo(a)anthracene	21.138	228	158641	3.416	ng/ul	98
22) Chrysene	21.191	228	206471	3.074	ng/ul	98
24) Benzo(b)fluoranthene	22.693	252	274472m	4.357	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	100454m	1.309	ng/ul	
26) Benzo(a)pyrene	23.251	252	83711	1.536	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.552	276	88570	1.200	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.549	278	33233	0.581	ng/ul#	75
29) Benzo(g,h,i)perylene	26.240	276	12619	0.205	ng/ul#	75

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

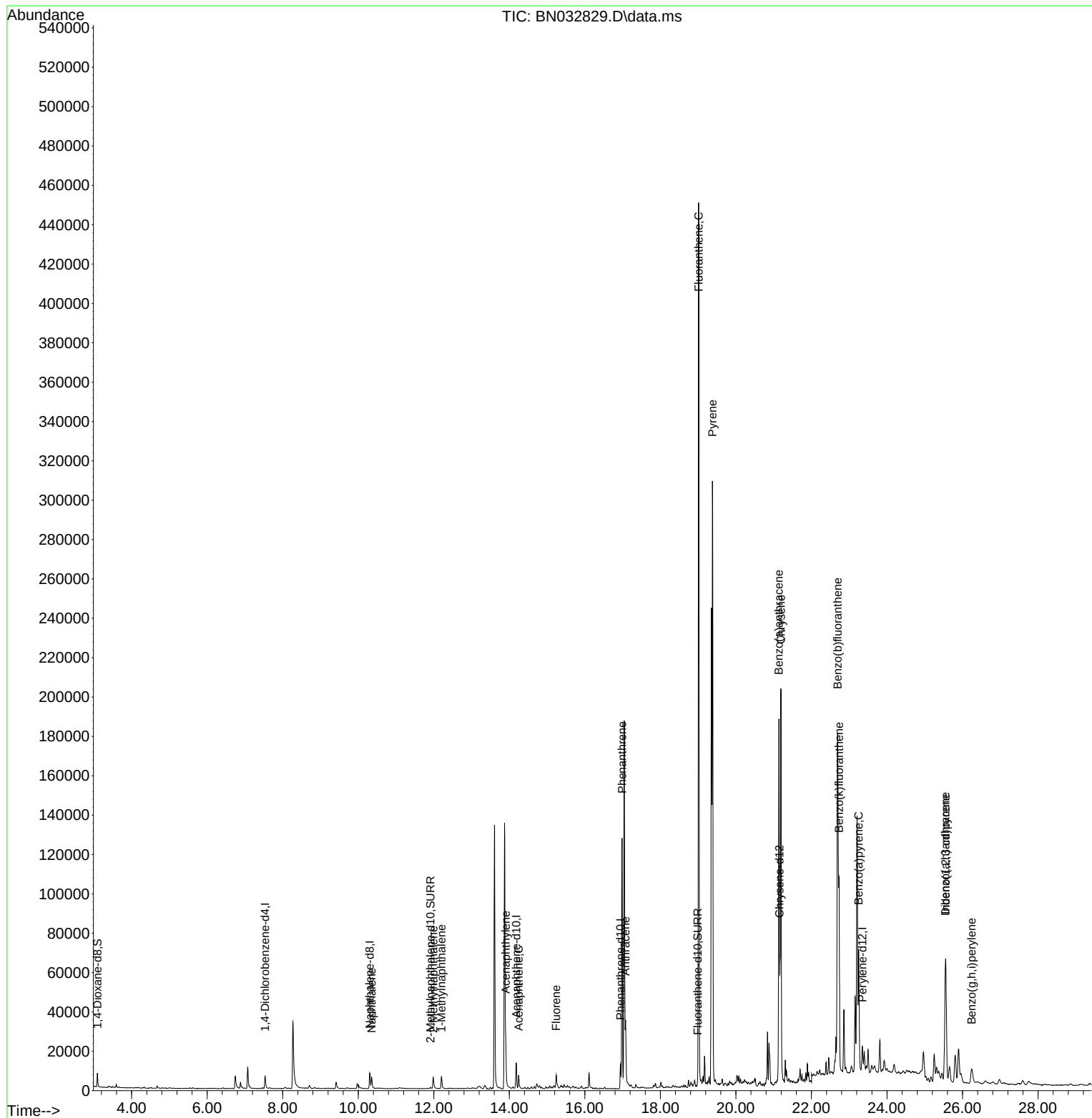
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032829.D
Acq On : 18 Jul 2024 22:15
Operator : MA/JU
Sample : P3100-20DL 5X
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ALS Vial : 14 Sample Multiplier: 1

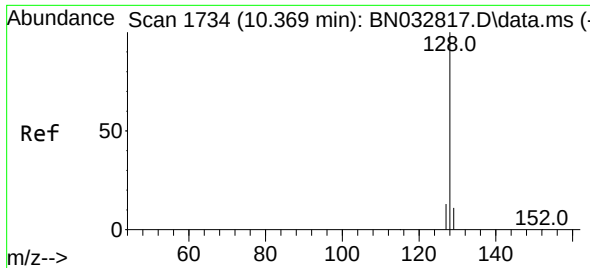
Instrument :
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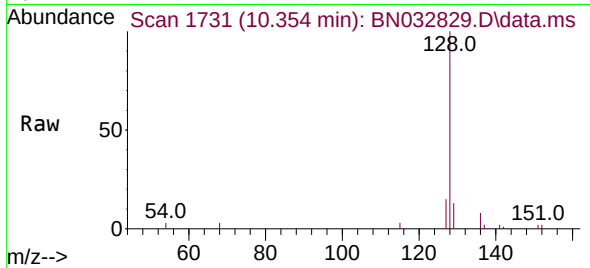
Quant Time: Jul 18 23:33:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.260 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. -0.017 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

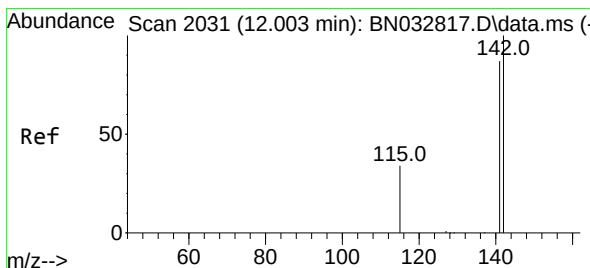
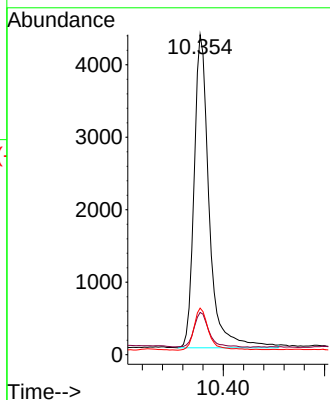
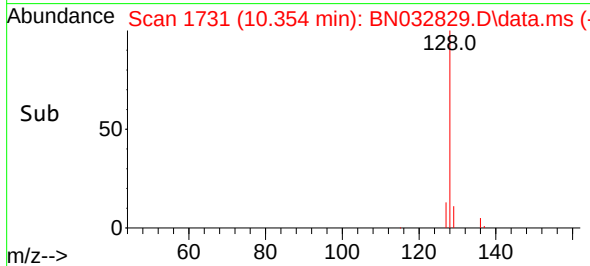
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:128 Resp: 892
Ion Ratio Lower Upper
128 100
129 13.2 10.0 15.0
127 14.6 11.6 17.4

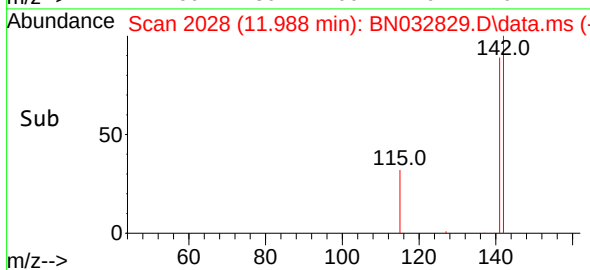
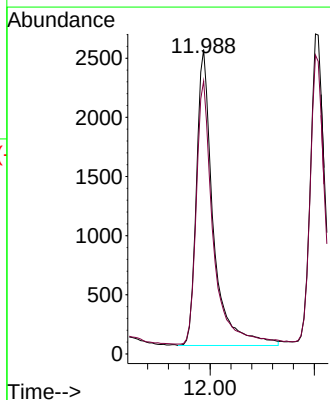
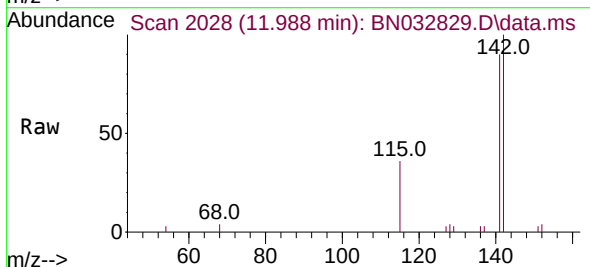
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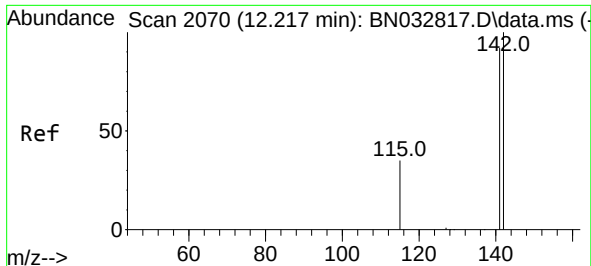
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#7
2-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

Tgt Ion:142 Resp: 5607
Ion Ratio Lower Upper
142 100
141 88.8 74.0 111.0





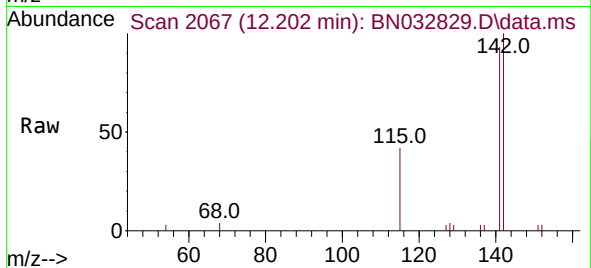
#8
1-Methylnaphthalene
Concen: 0.232 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.017 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

Instrument :

BNA_N

ClientSampleId :

A4D33DL



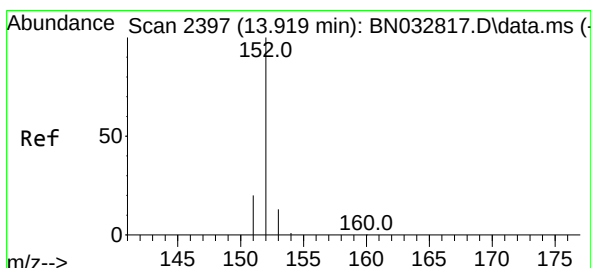
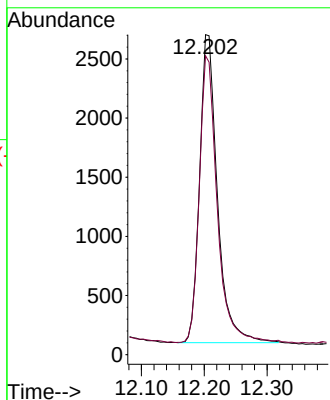
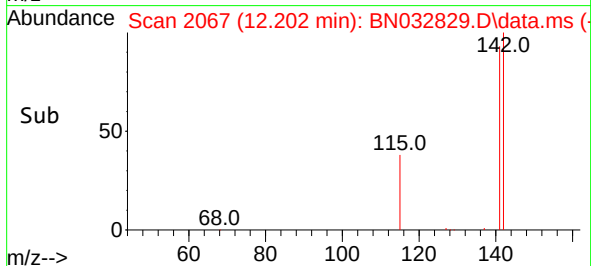
Tgt Ion:142 Resp: 5139
Ion Ratio Lower Upper
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141 93.2 75.0 112.4

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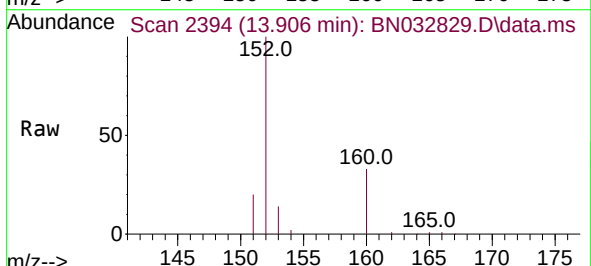
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Reviewed By :Yogesh Patel 07/19/2024

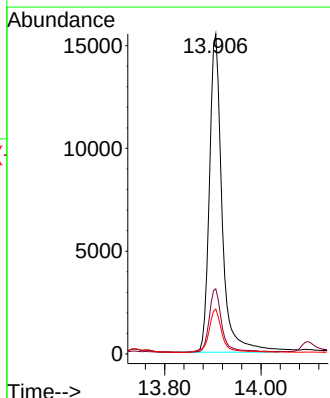
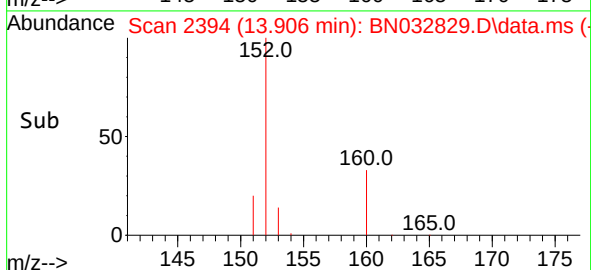
Supervised By :mohammad ahmed 07/19/2024

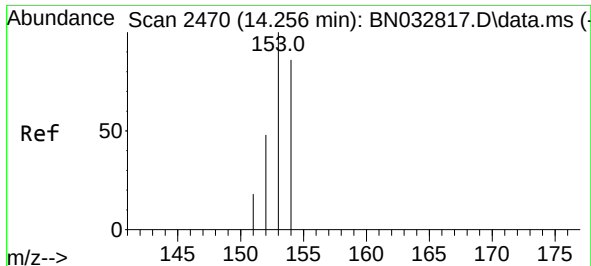


#10
Acenaphthylene
Concen: 0.924 ng/ul
RT: 13.906 min Scan# 2394
Delta R.T. -0.014 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15



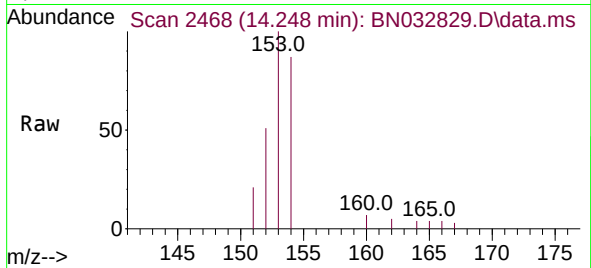
Tgt Ion:152 Resp: 28166
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 0.175 ng/ul
RT: 14.248 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

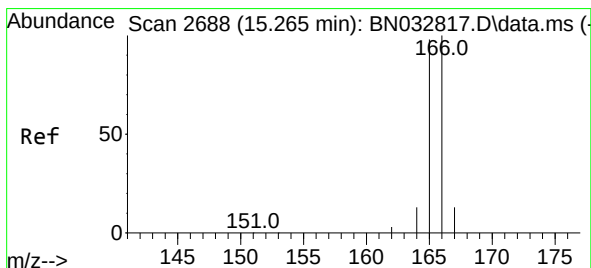
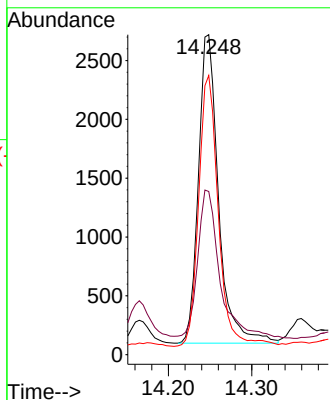
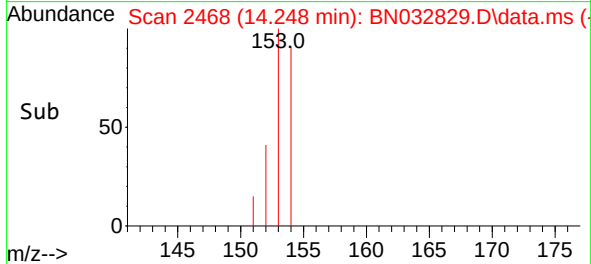
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:153 Resp: 4418
Ion Ratio Lower Upper
153 100
152 51.0 40.0 60.0
154 87.2 70.2 105.4

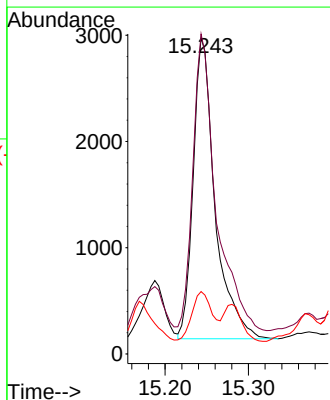
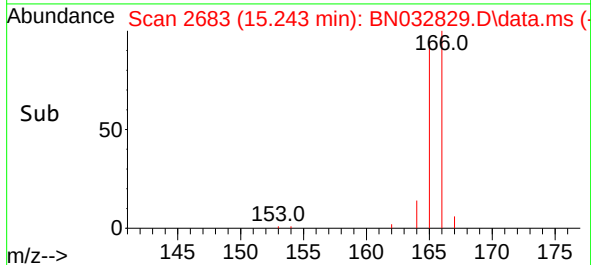
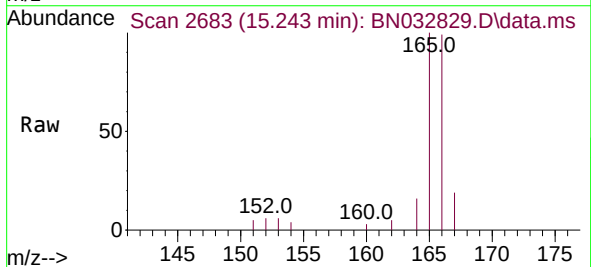
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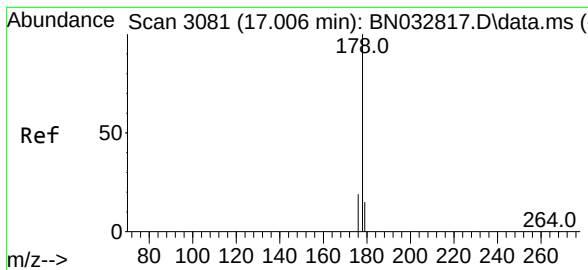
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#12
Fluorene
Concen: 0.179 ng/ul
RT: 15.243 min Scan# 2683
Delta R.T. -0.023 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

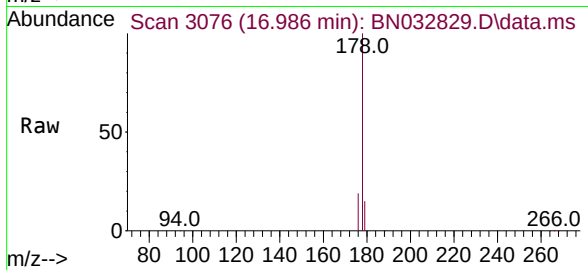
Tgt Ion:166 Resp: 5154
Ion Ratio Lower Upper
166 100
165 101.2 79.7 119.5
167 19.7 11.4 17.2#





#15
 Phenanthrene
 Concen: 3.365 ng/ul
 RT: 16.986 min Scan# 3076
 Delta R.T. -0.021 min
 Lab File: BN032829.D
 Acq: 18 Jul 2024 22:15

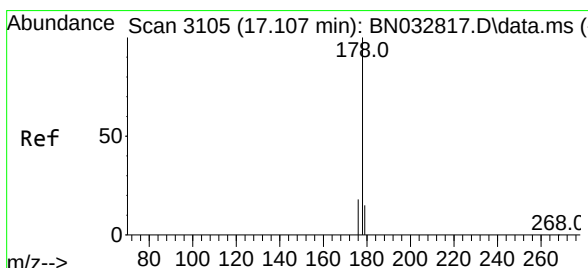
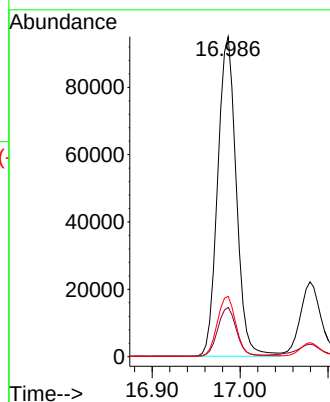
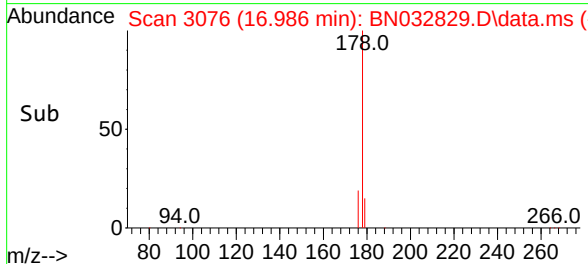
Instrument :
 BNA_N
 ClientSampleId :
 A4D33DL



Tgt Ion:178 Resp: 139329
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.4
 176 18.9 15.6 23.4

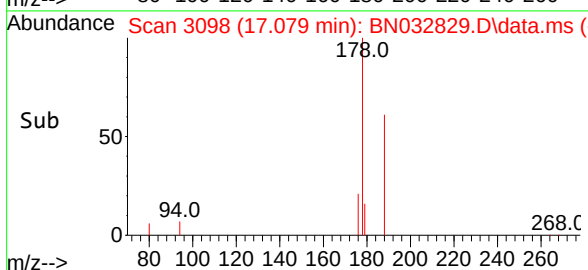
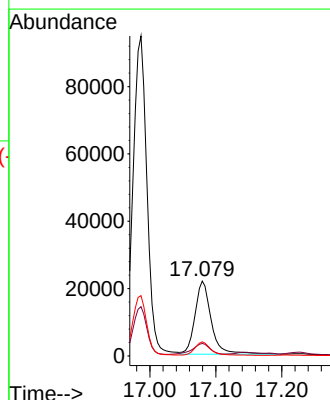
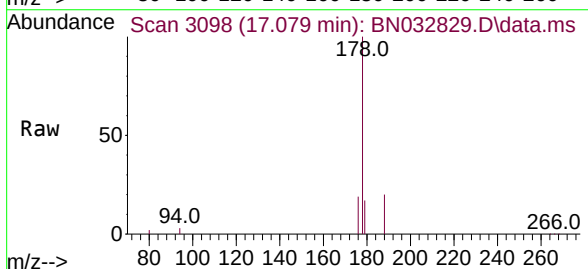
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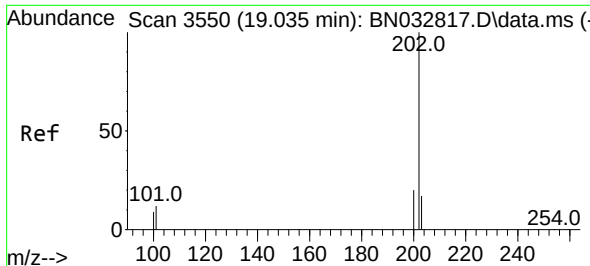
Reviewed By :Yogesh Patel 07/19/2024
 Supervised By :mohammad ahmed 07/19/2024



#16
 Anthracene
 Concen: 1.097 ng/ul
 RT: 17.079 min Scan# 3098
 Delta R.T. -0.025 min
 Lab File: BN032829.D
 Acq: 18 Jul 2024 22:15

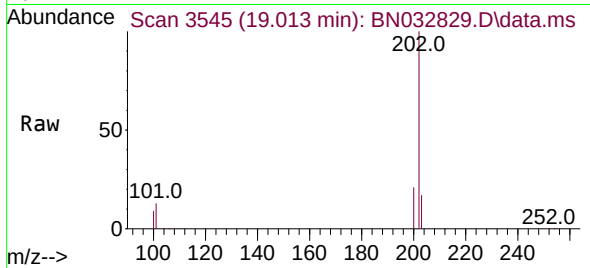
Tgt Ion:178 Resp: 37114
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.4 20.2
 176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 6.500 ng/u1
RT: 19.013 min Scan# 3545
Delta R.T. -0.019 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

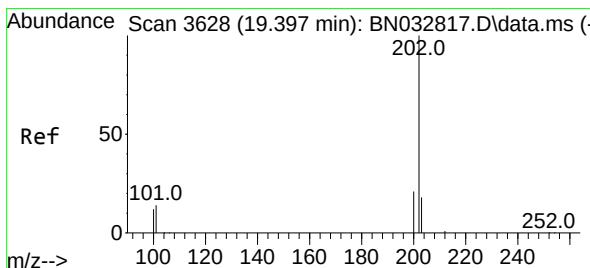
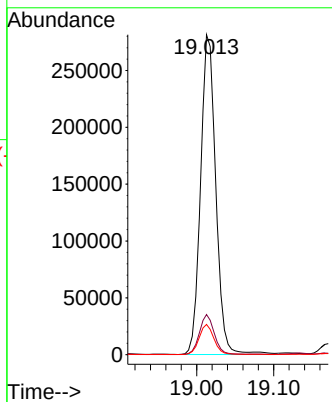
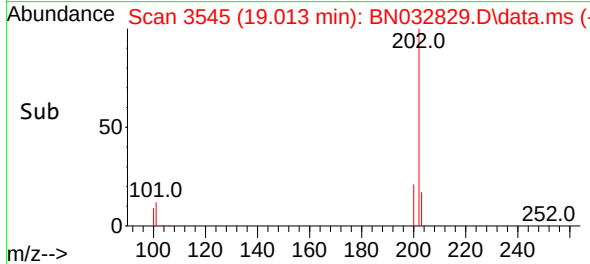
Instrument :
BNA_N
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A4D33DL



Tgt Ion:202 Resp: 385544
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.5 7.9 11.9

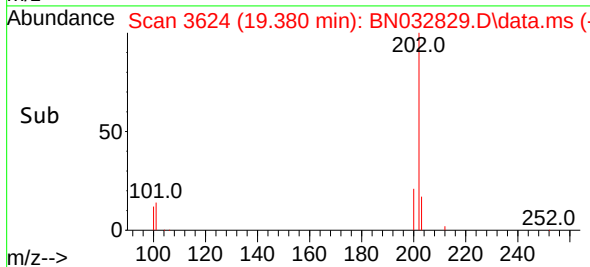
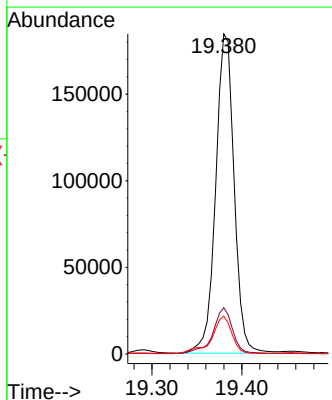
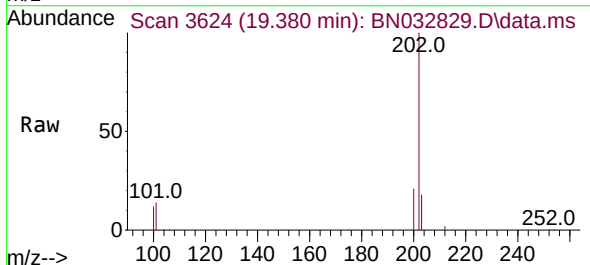
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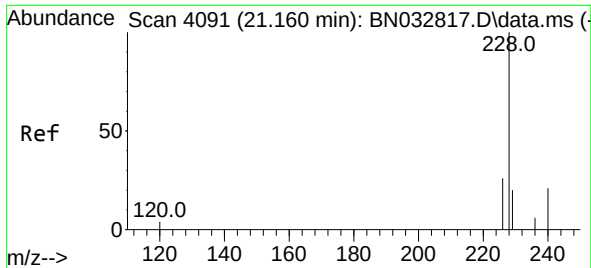
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#20
Pyrene
Concen: 4.272 ng/u1
RT: 19.380 min Scan# 3624
Delta R.T. -0.019 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

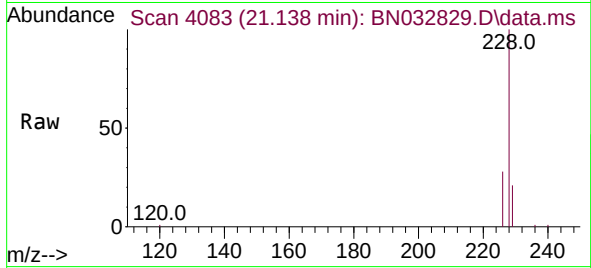
Tgt Ion:202 Resp: 262261
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.8 9.6 14.4





#21
Benzo(a)anthracene
Concen: 3.416 ng/ul
RT: 21.138 min Scan# 4083
Delta R.T. -0.021 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

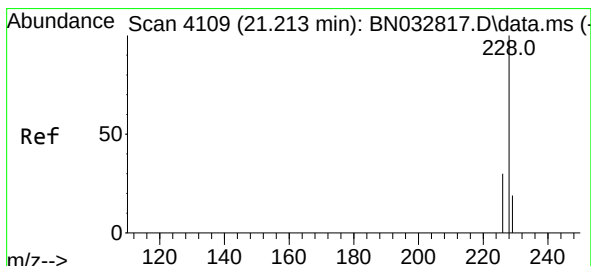
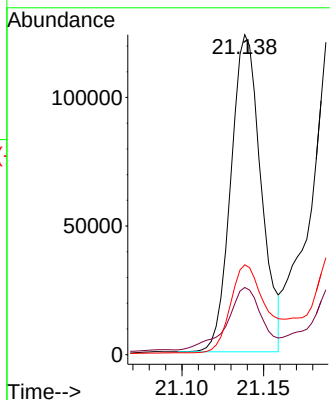
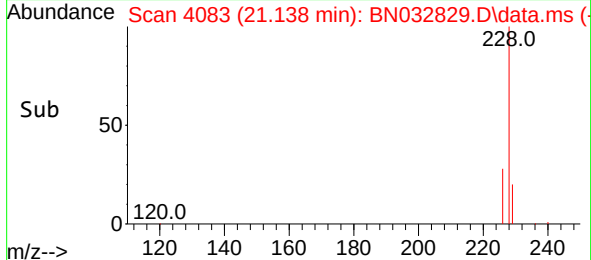
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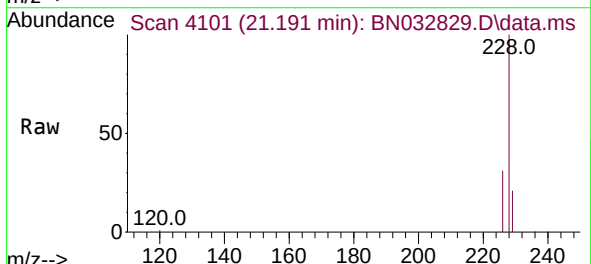
Tgt Ion:228 Resp: 15864
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 28.1 21.9 32.9

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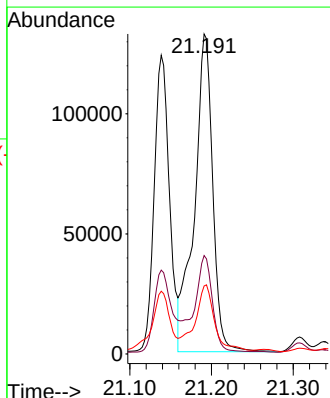
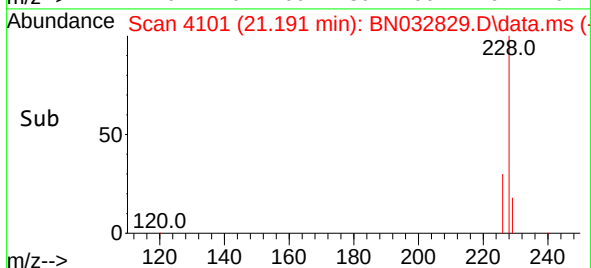
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

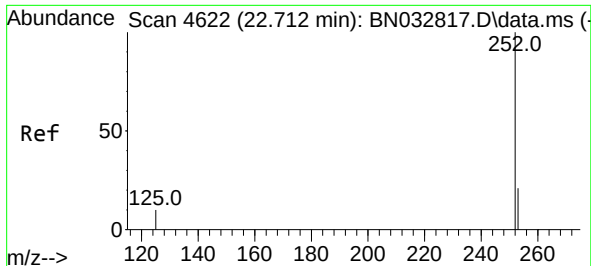


#22
Chrysene
Concen: 3.074 ng/ul
RT: 21.191 min Scan# 4101
Delta R.T. -0.021 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15



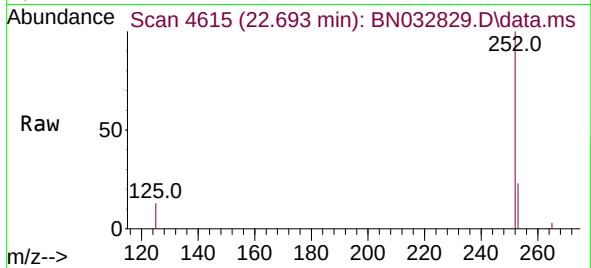
Tgt Ion:228 Resp: 206471
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.2 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 4.357 ng/ul m
RT: 22.693 min Scan# 4615
Delta R.T. -0.018 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

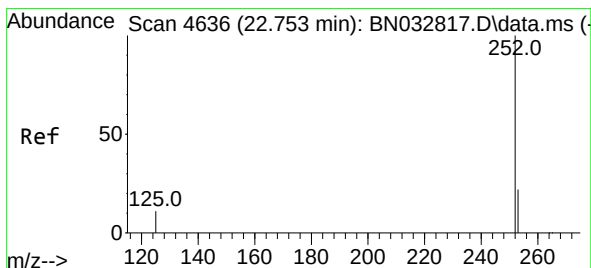
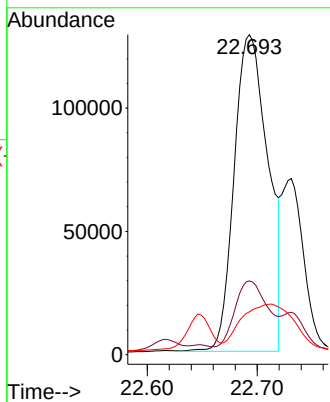
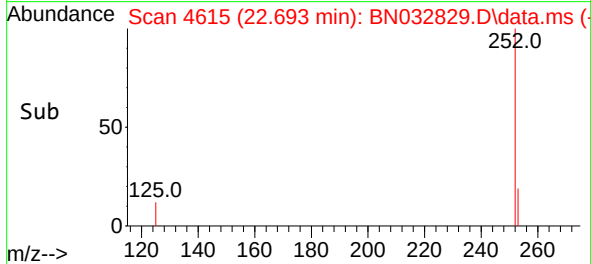
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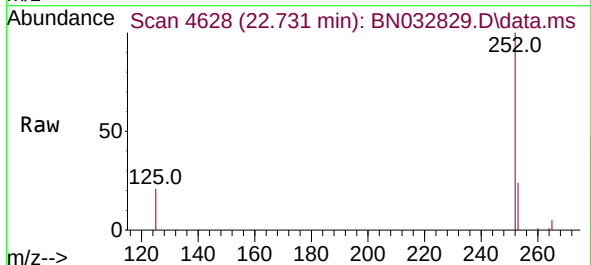
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Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.4 0.0 36.0

Manual Integrations
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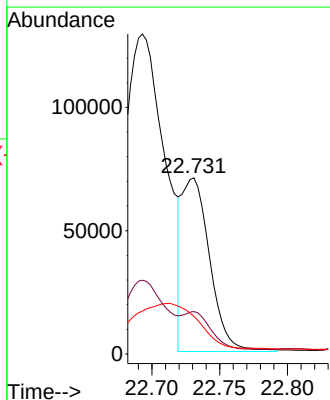
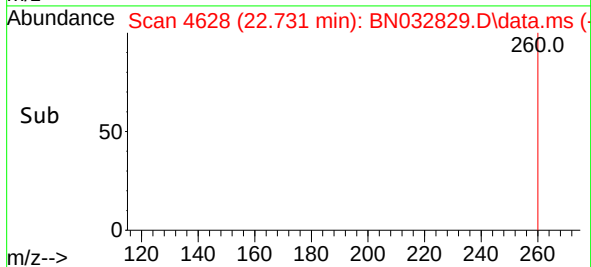
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024

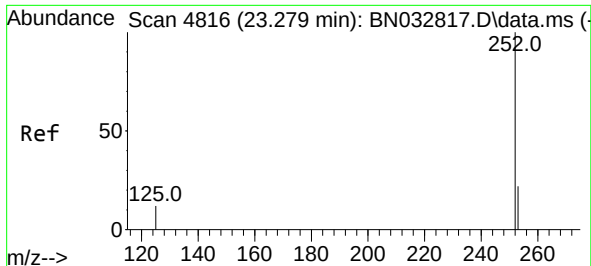


#25
Benzo(k)fluoranthene
Concen: 1.309 ng/ul m
RT: 22.731 min Scan# 4628
Delta R.T. -0.024 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15



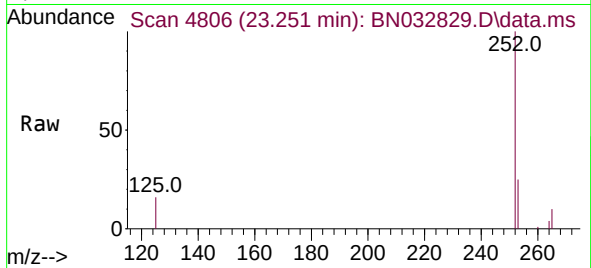
Tgt Ion:252 Resp: 100454
Ion Ratio Lower Upper
252 100
253 24.1 21.2 31.8
125 21.3 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.536 ng/ul
RT: 23.251 min Scan# 4816
Delta R.T. -0.026 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

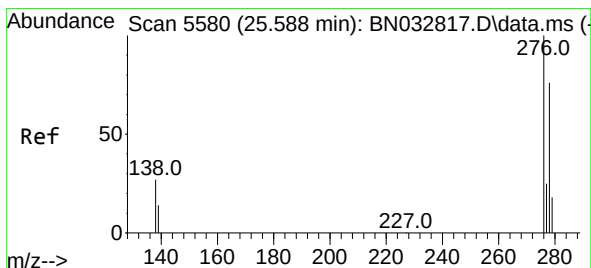
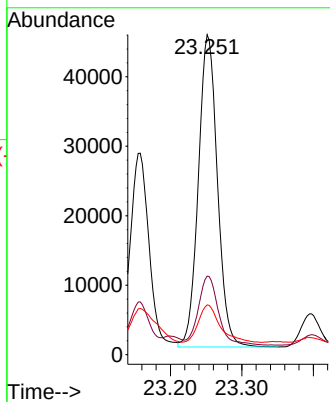
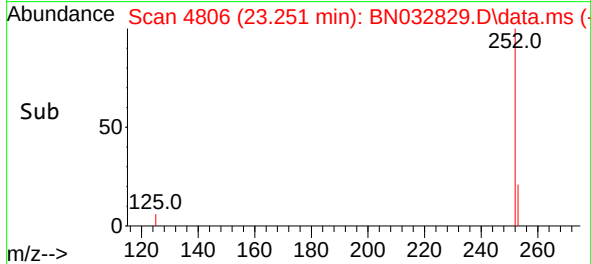
Instrument :
BNA_N
ClientSampleId :
A4D33DL



Tgt Ion:252 Resp: 8371
Ion Ratio Lower Upper
252 100
253 24.5 25.4 38.0
125 15.6 20.6 30.8

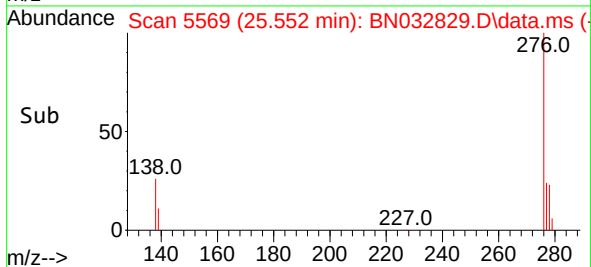
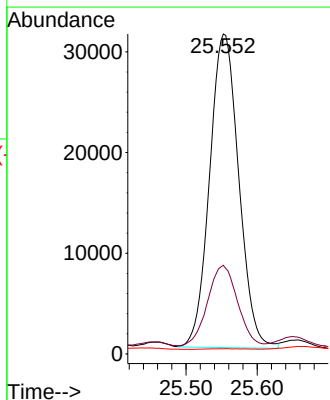
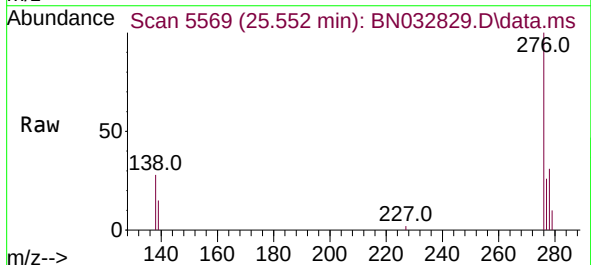
Manual Integrations
APPROVED

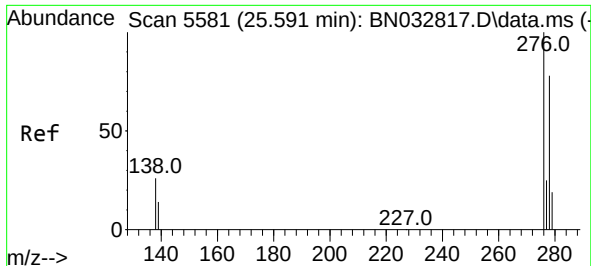
Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.200 ng/ul
RT: 25.552 min Scan# 5569
Delta R.T. -0.030 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

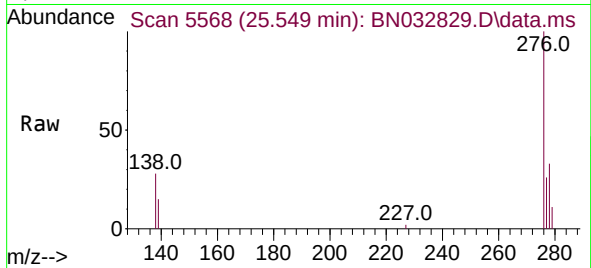
Tgt Ion:276 Resp: 88570
Ion Ratio Lower Upper
276 100
138 26.6 21.6 32.4
227 0.3 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.581 ng/ul
RT: 25.549 min Scan# 51
Delta R.T. -0.040 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15

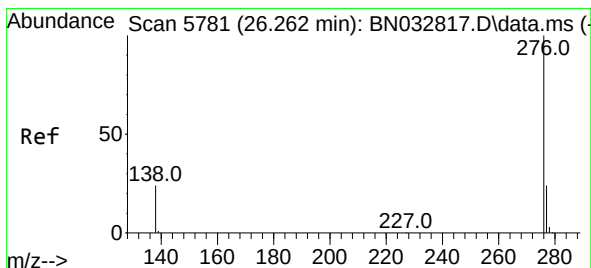
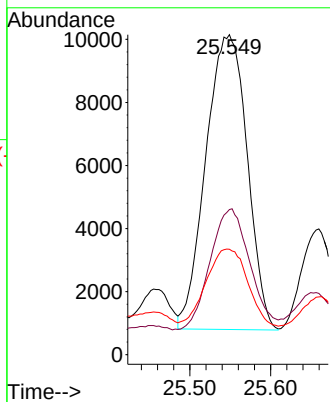
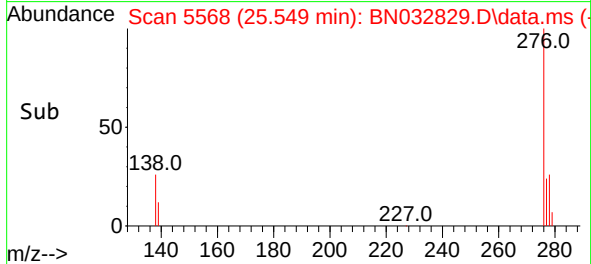
Instrument :
BNA_N
ClientSampleId :
A4D33DL



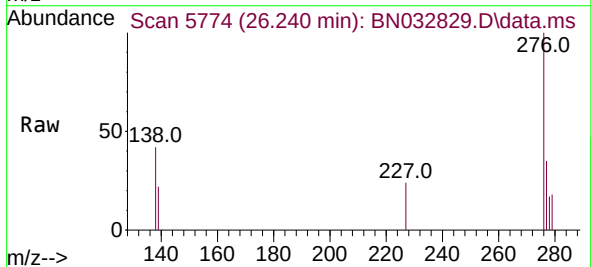
Tgt Ion:278 Resp: 3323
Ion Ratio Lower Upper
278 100
139 45.3 16.6 24.8
279 33.0 23.7 35.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/19/2024
Supervised By :mohammad ahmed 07/19/2024



#29
Benzo(g,h,i)perylene
Concen: 0.205 ng/ul
RT: 26.240 min Scan# 5774
Delta R.T. -0.020 min
Lab File: BN032829.D
Acq: 18 Jul 2024 22:15



Tgt Ion:276 Resp: 12619
Ion Ratio Lower Upper
276 100
138 42.4 21.0 31.4#
277 35.0 20.6 31.0#

