

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032871.D
 Acq On : 20 Jul 2024 09:51
 Operator : MA/JU
 Sample : P3238-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BF9

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 22:43:30 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	4187	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	13141	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7629	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.936	188	15338m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.156	240	13186m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15820m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12187	2.424	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3200	0.161	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7288m	0.170	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.343	128	7007	0.199	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	2429	0.110	ng/ul	98
8) 1-Methylnaphthalene	12.197	142	1904	0.084	ng/ul	99
10) Acenaphthylene	13.897	152	12956	0.420	ng/ul	99
11) Acenaphthene	14.239	153	10559	0.414	ng/ul	99
12) Fluorene	15.239	166	10761	0.369	ng/ul	98
15) Phenanthrene	16.978	178	255721m	6.122	ng/ul	
16) Anthracene	17.071	178	46100m	1.351	ng/ul	
19) Fluoranthene	19.013	202	556851m	10.387	ng/ul	
20) Pyrene	19.380	202	409136m	7.373	ng/ul	
21) Benzo(a)anthracene	21.138	228	256317m	6.107	ng/ul	
22) Chrysene	21.191	228	293100m	4.827	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	399894m	7.164	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	138814m	2.041	ng/ul	
26) Benzo(a)pyrene	23.251	252	163307m	3.381	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.552	276	151231m	2.312	ng/ul	
28) Dibenzo(a,h)anthracene	25.549	278	47860m	0.944	ng/ul	
29) Benzo(g,h,i)perylene	26.233	276	30711m	0.562	ng/ul	

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

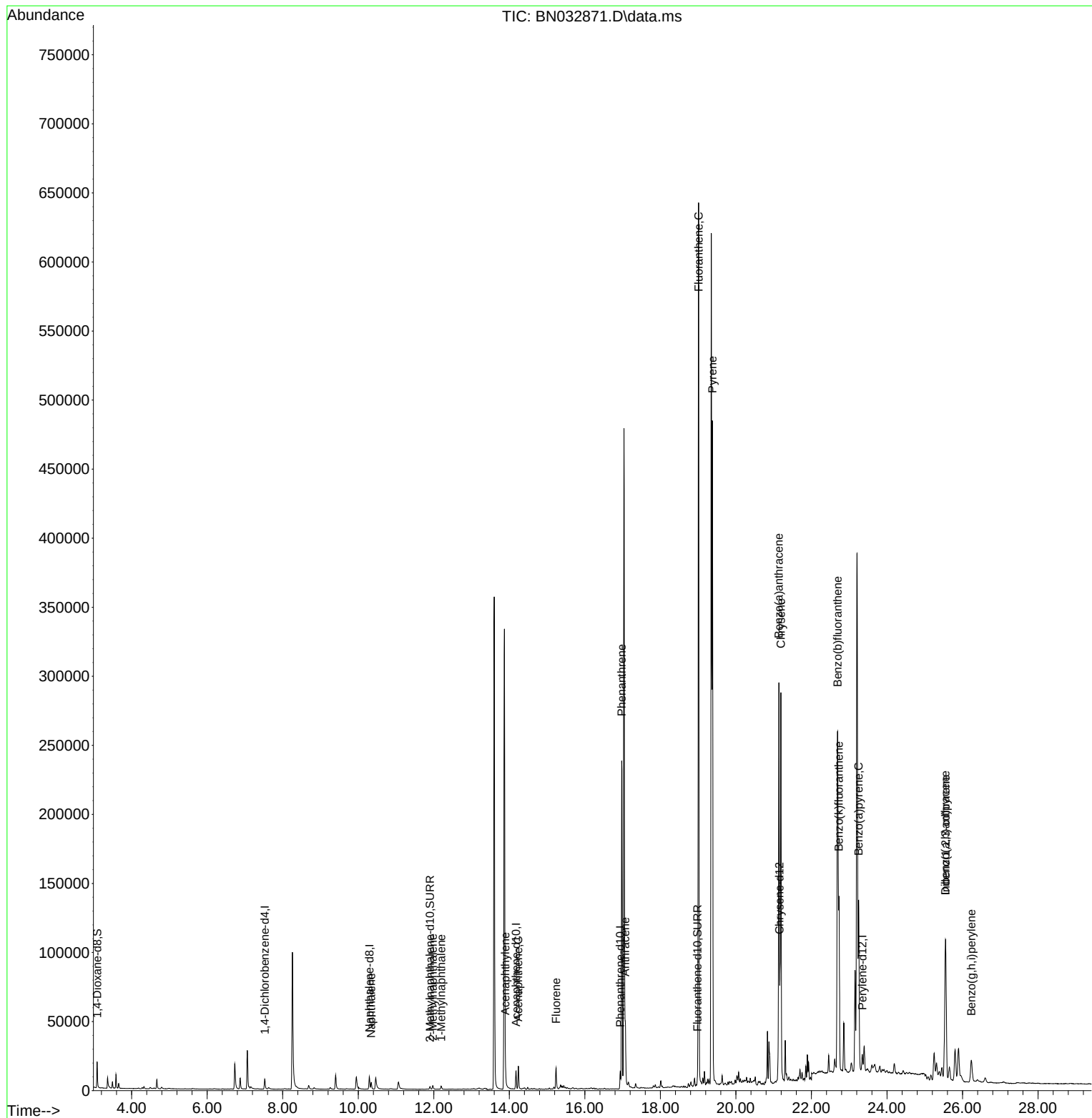
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032871.D
Acq On : 20 Jul 2024 09:51
Operator : MA/JU
Sample : P3238-13
Misc :
ALS Vial : 35 Sample Multiplier: 1

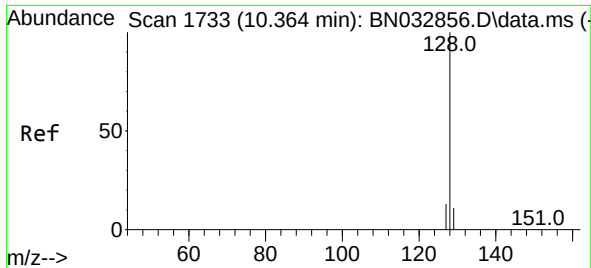
Instrument :
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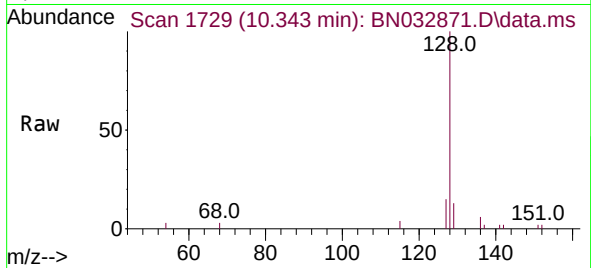
Quant Time: Jul 21 22:43:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.199 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

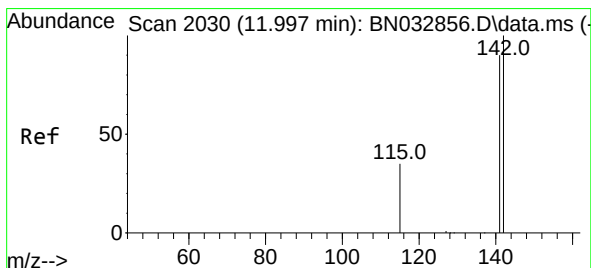
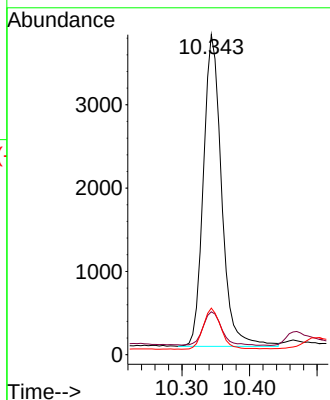
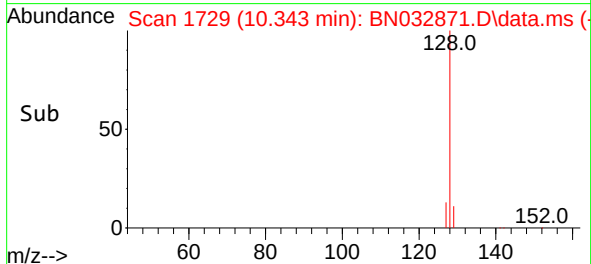
Instrument :
BNA_N
ClientSampleId :
A4BF9



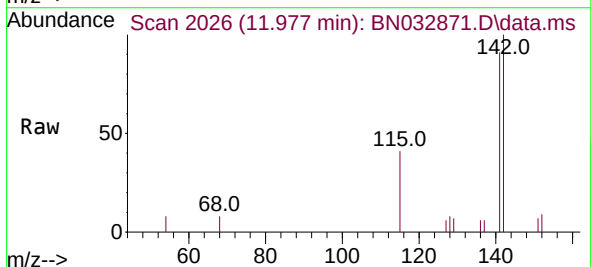
Tgt Ion:128 Resp: 700
Ion Ratio Lower Upper
128 100
129 13.4 10.0 15.0
127 14.5 11.6 17.4

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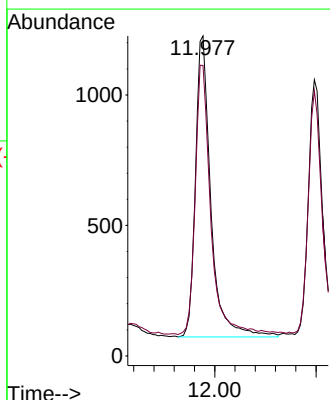
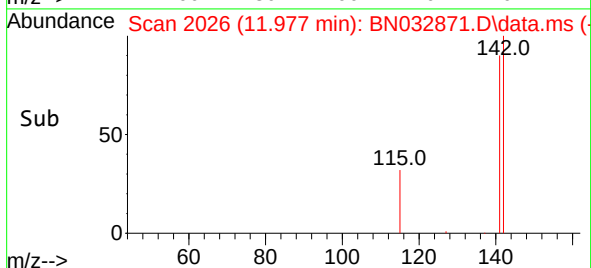
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024

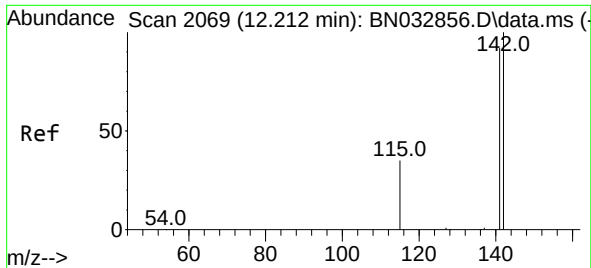


#7
2-Methylnaphthalene
Concen: 0.110 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51



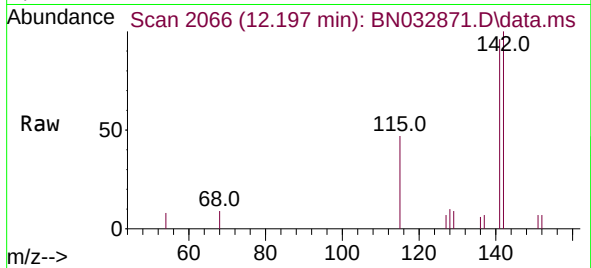
Tgt Ion:142 Resp: 2429
Ion Ratio Lower Upper
142 100
141 90.3 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.084 ng/ul
RT: 12.197 min Scan# 2066
Delta R.T. -0.015 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

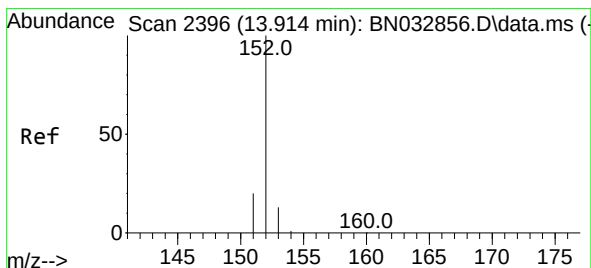
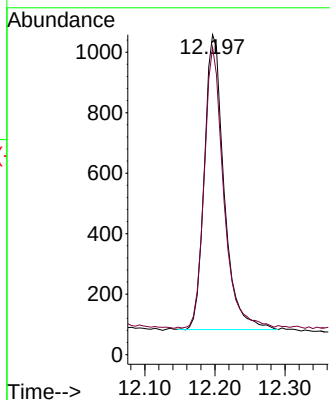
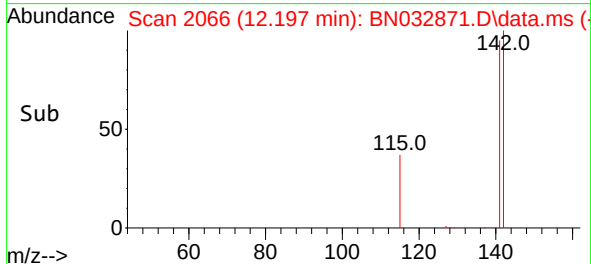
Instrument :
BNA_N
ClientSampleId :
A4BF9



Tgt Ion:142 Resp: 1904
Ion Ratio Lower Upper
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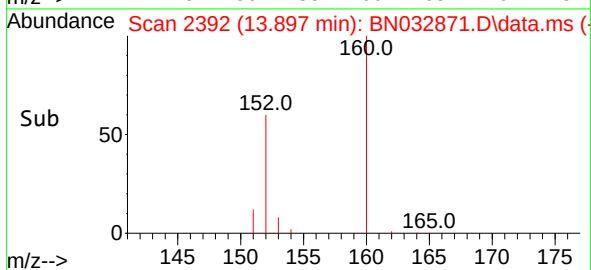
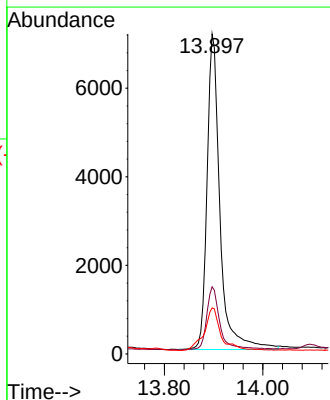
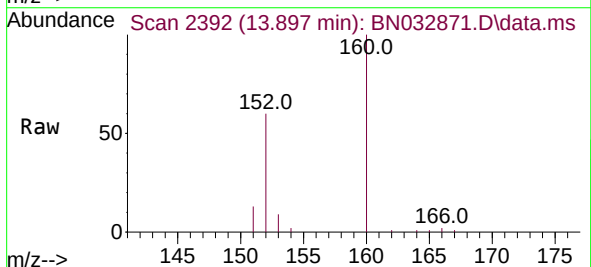
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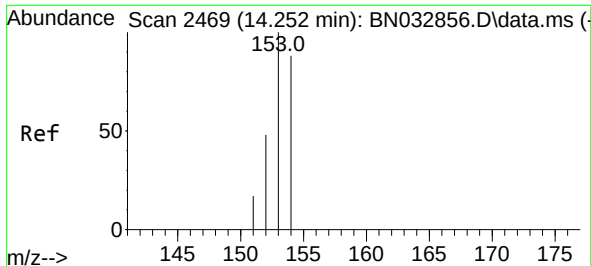
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.420 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

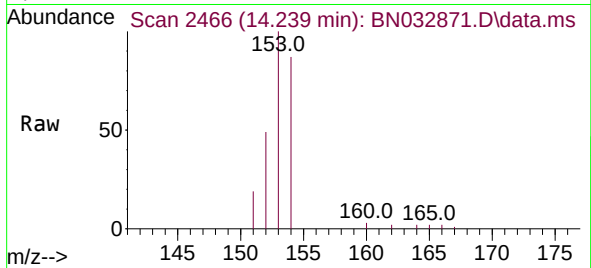
Tgt Ion:152 Resp: 12956
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.4 11.3 16.9





#11
Acenaphthene
Concen: 0.414 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

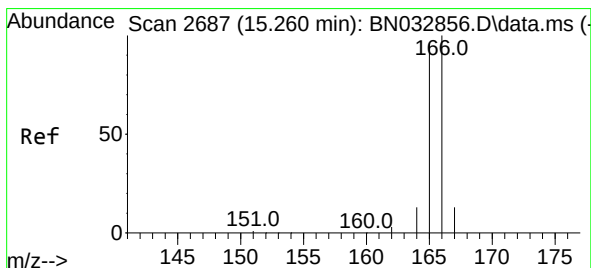
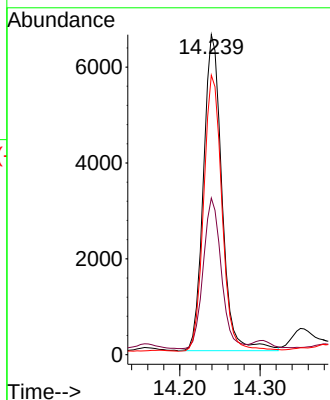
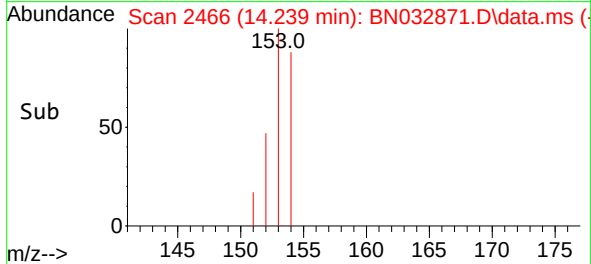
Instrument :
BNA_N
ClientSampleId :
A4BF9



Tgt Ion:153 Resp: 10558
Ion Ratio Lower Upper
153 100
152 49.0 40.0 60.0
154 87.3 70.2 105.4

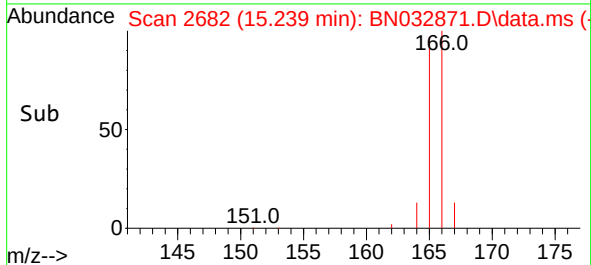
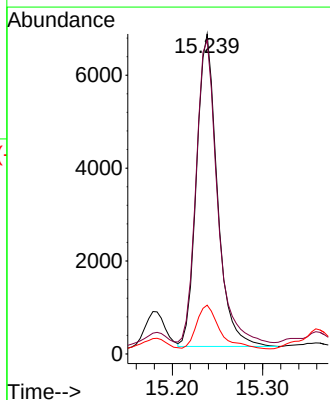
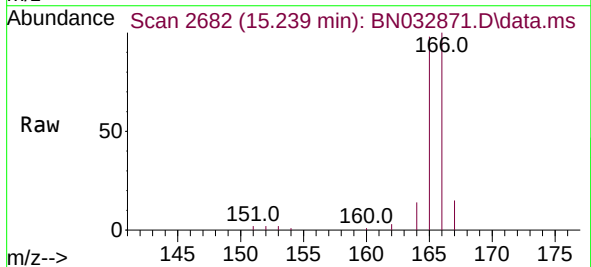
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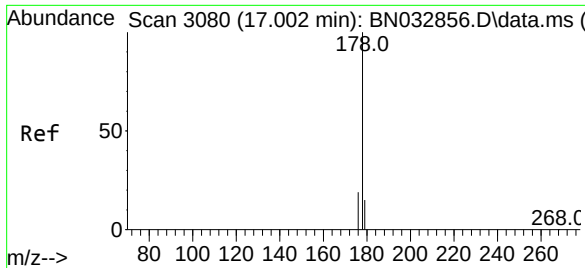
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.369 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.022 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

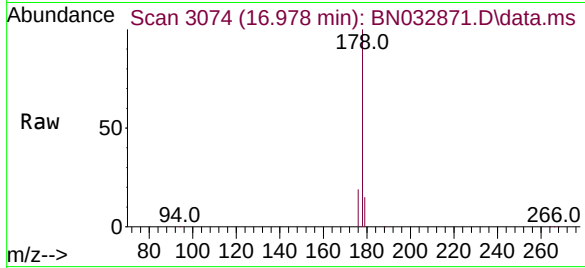
Tgt Ion:166 Resp: 10761
Ion Ratio Lower Upper
166 100
165 98.0 79.7 119.5
167 15.2 11.4 17.2





#15
Phenanthrene
Concen: 6.122 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

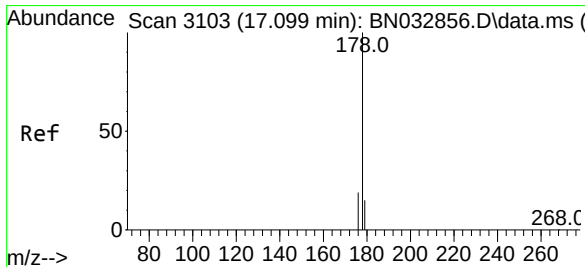
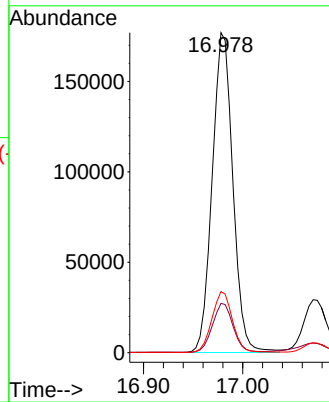
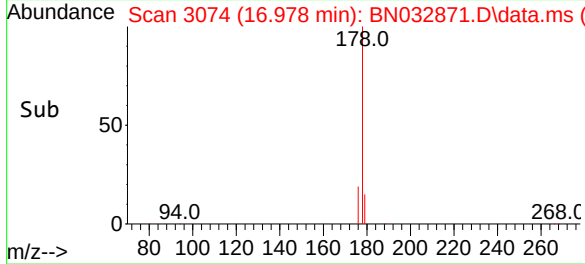
Instrument :
BNA_N
ClientSampleId :
A4BF9



Tgt Ion:178 Resp: 25572
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.1 15.6 23.4

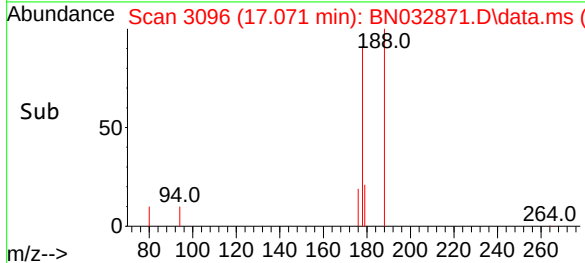
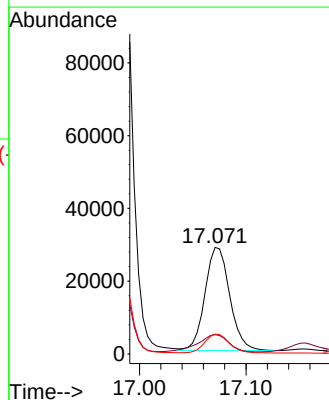
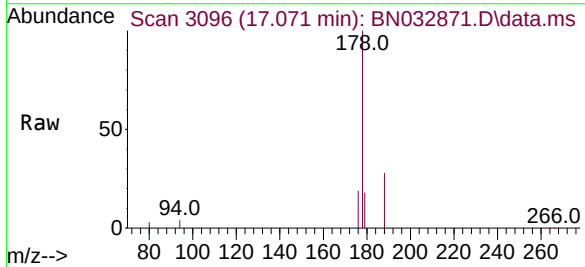
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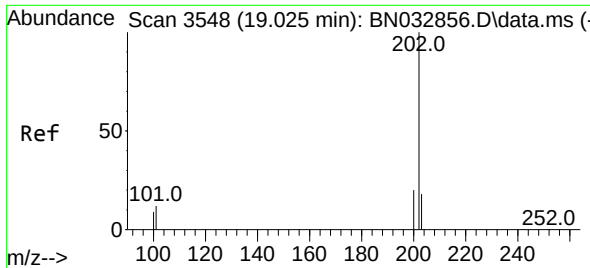
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 1.351 ng/ul m
RT: 17.071 min Scan# 3096
Delta R.T. -0.028 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

Tgt Ion:178 Resp: 46100
Ion Ratio Lower Upper
178 100
179 18.2 13.4 20.2
176 18.7 15.4 23.0





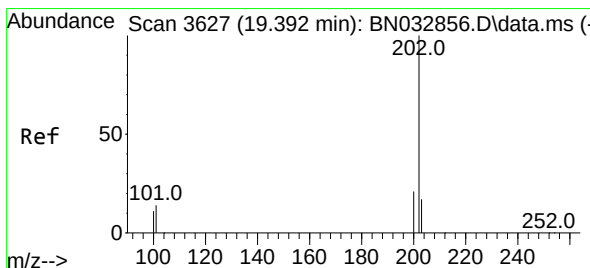
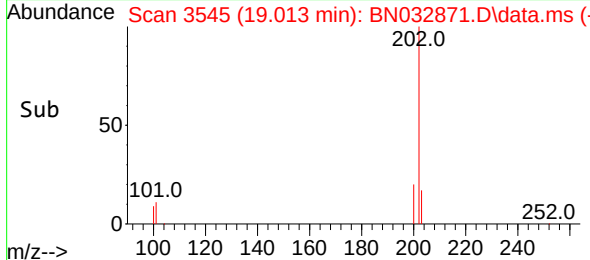
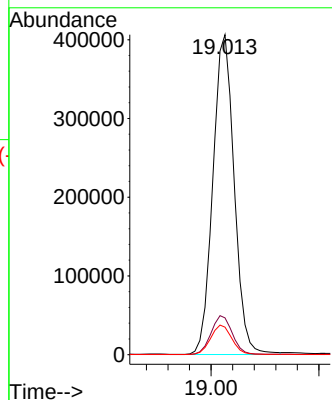
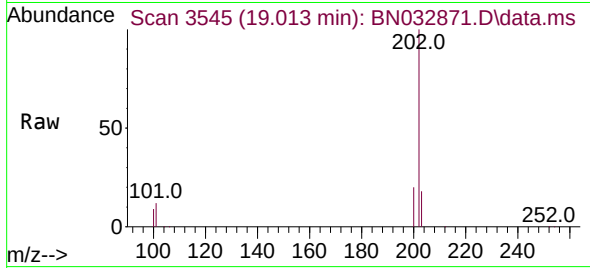
#19
Fluoranthene
Concen: 10.387 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

Instrument :
BNA_N
ClientSampleId :
A4BF9

Tgt Ion:202 Resp: 55685
Ion Ratio Lower Upper
202 100
101 11.5 9.8 14.8
100 8.6 7.9 11.9

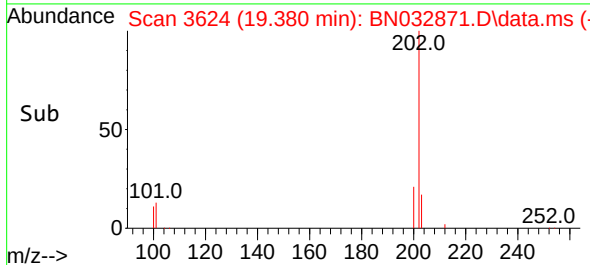
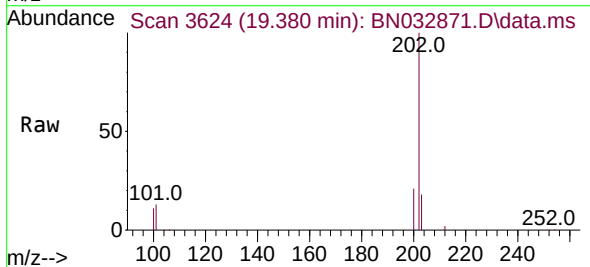
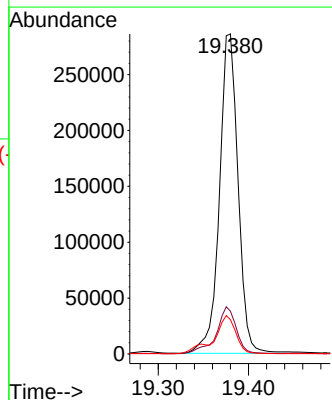
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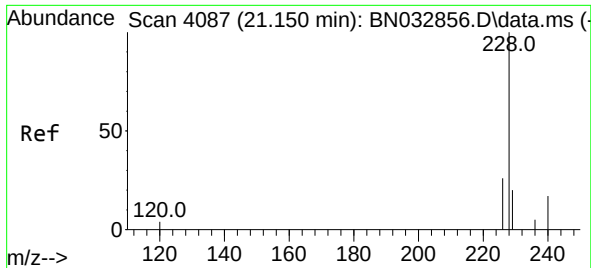
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 7.373 ng/ul m
RT: 19.380 min Scan# 3624
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

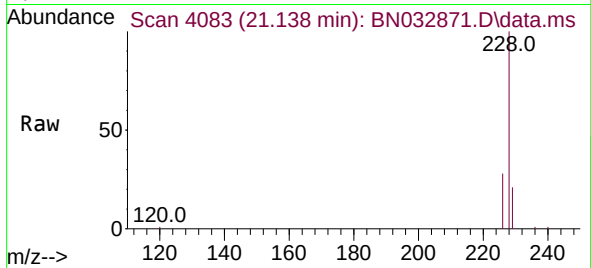
Tgt Ion:202 Resp: 409136
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 6.107 ng/ul m
RT: 21.138 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

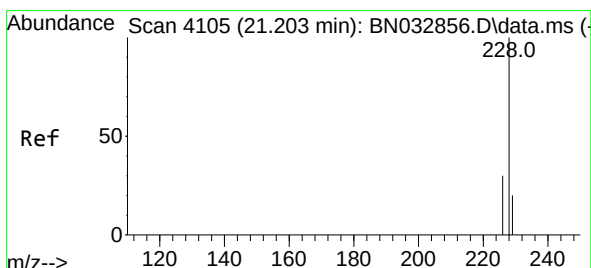
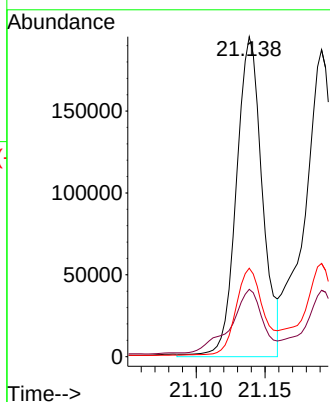
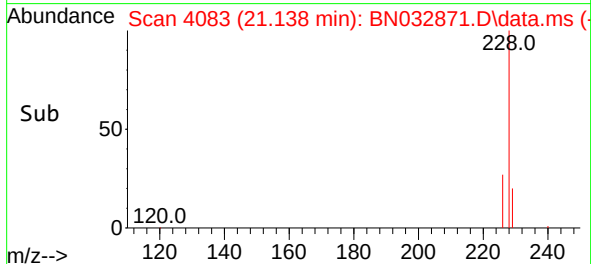
Instrument :
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Tgt Ion:228 Resp: 25631
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 27.7 21.9 32.9

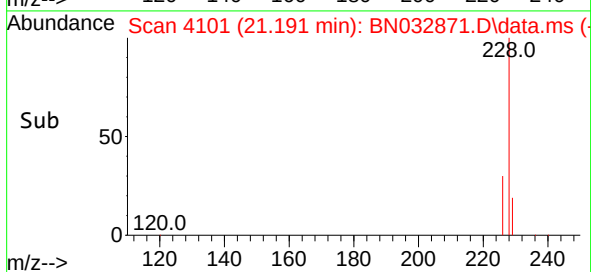
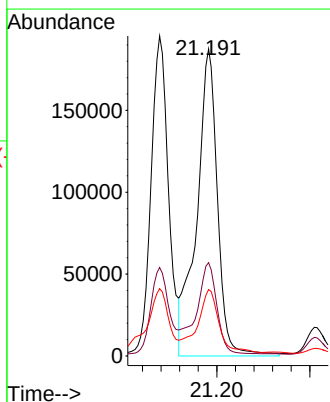
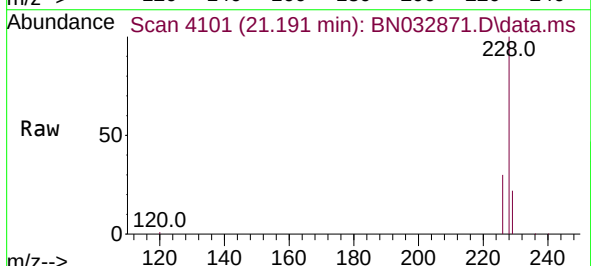
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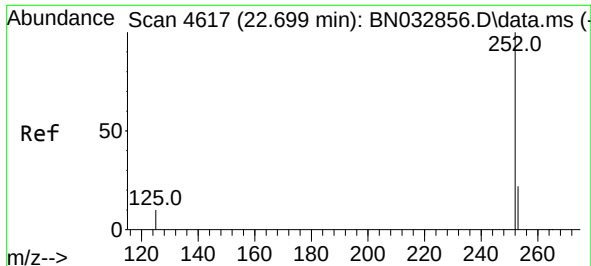
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 4.827 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

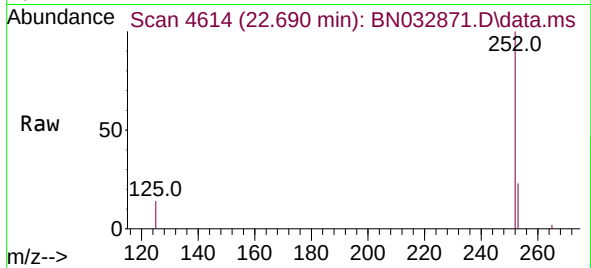
Tgt Ion:228 Resp: 293100
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.6 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.164 ng/ul m
RT: 22.690 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

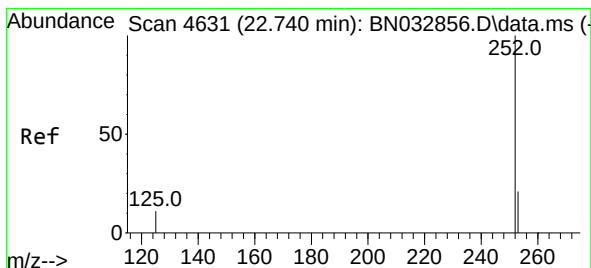
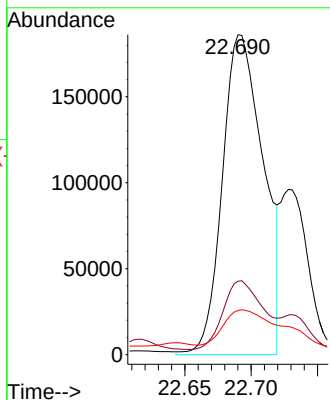
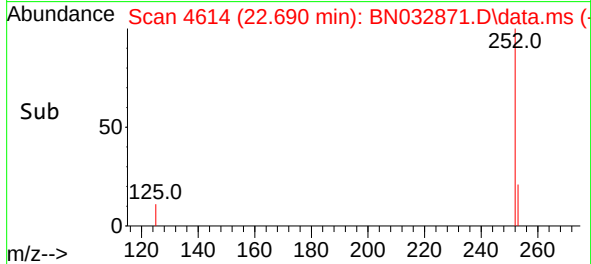
Instrument :
BNA_N
ClientSampleId :
A4BF9



Tgt Ion:252 Resp: 399894
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.8 0.0 36.0

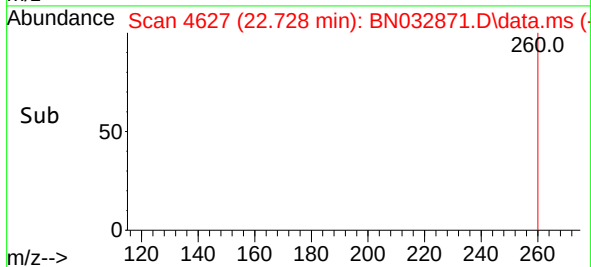
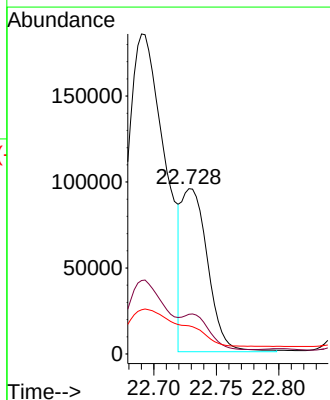
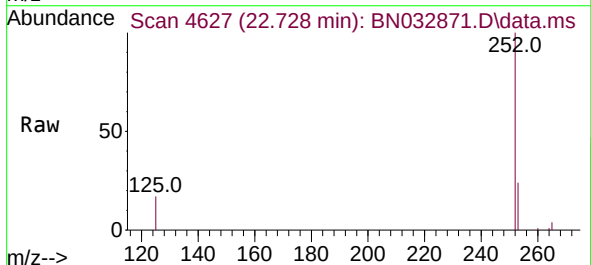
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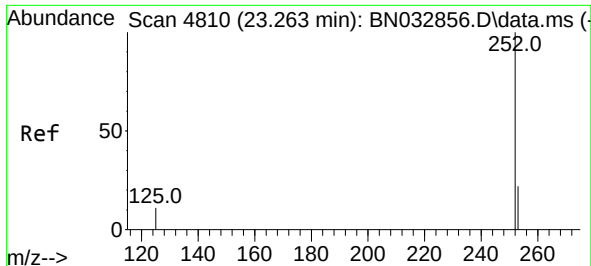
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 2.041 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

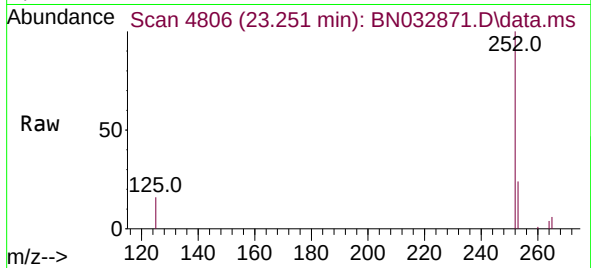
Tgt Ion:252 Resp: 138814
Ion Ratio Lower Upper
252 100
253 24.0 21.2 31.8
125 17.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 3.381 ng/ul m
RT: 23.251 min Scan# 4810
Delta R.T. -0.012 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

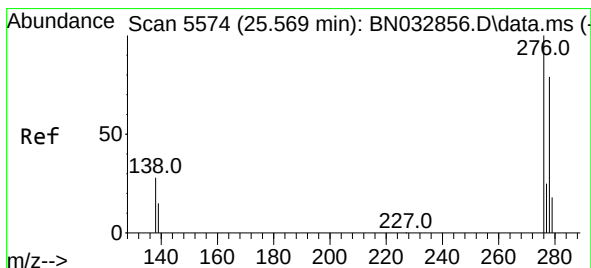
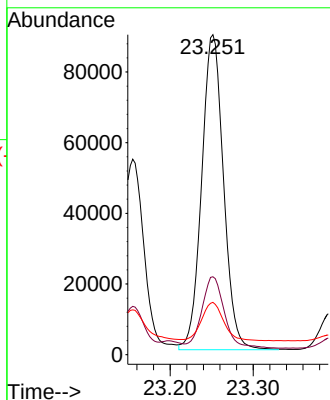
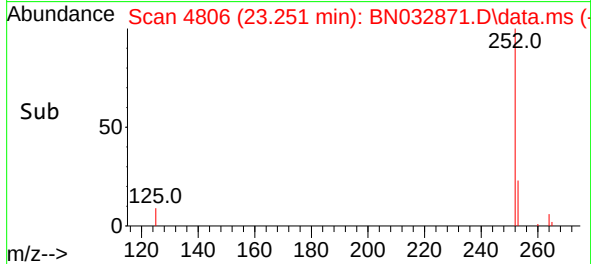
Instrument :
BNA_N
ClientSampleId :
A4BF9



Tgt Ion:252 Resp: 163307
Ion Ratio Lower Upper
252 100
253 24.3 25.4 38.0#
125 16.3 20.6 30.8#

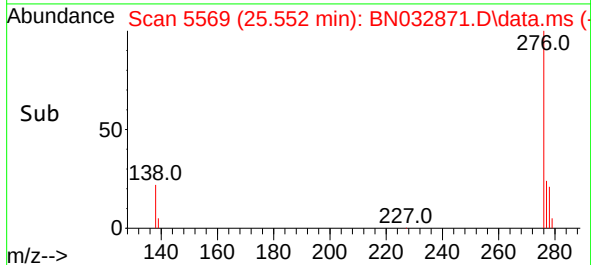
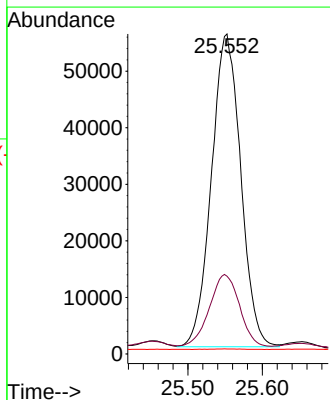
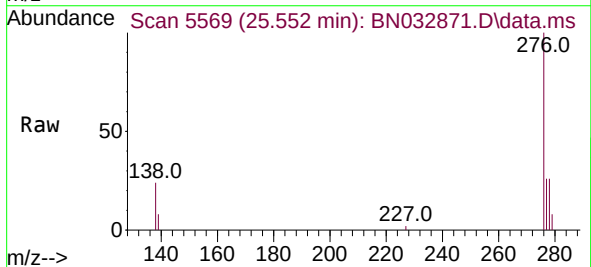
Manual Integrations
APPROVED

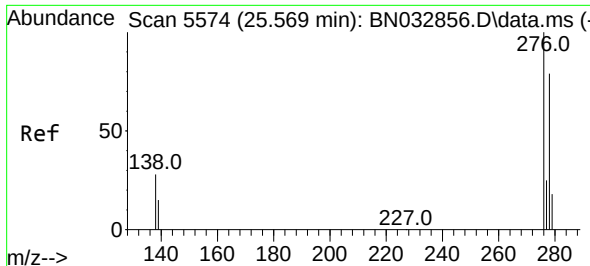
Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.312 ng/ul m
RT: 25.552 min Scan# 5569
Delta R.T. -0.017 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

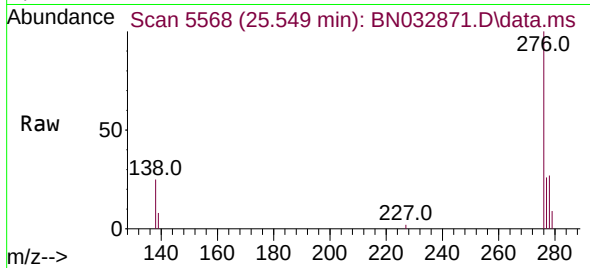
Tgt Ion:276 Resp: 151231
Ion Ratio Lower Upper
276 100
138 3.4 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.944 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51

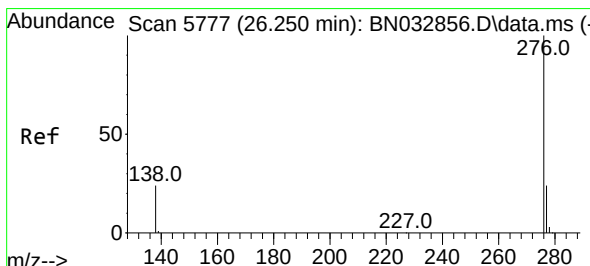
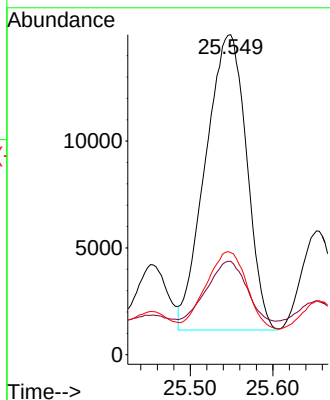
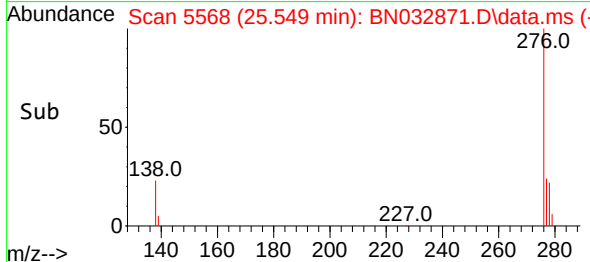
Instrument :
BNA_N
ClientSampleId :
A4BF9



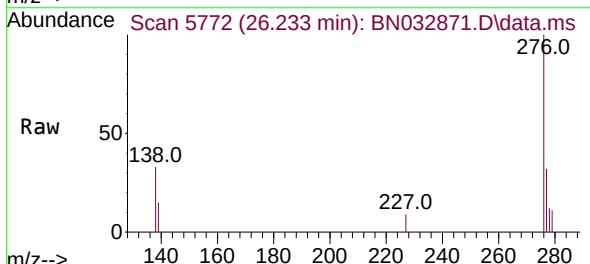
Tgt Ion:278 Resp: 47860
Ion Ratio Lower Upper
278 100
139 29.2 16.6 24.8#
279 31.9 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.562 ng/ul m
RT: 26.233 min Scan# 5772
Delta R.T. -0.017 min
Lab File: BN032871.D
Acq: 20 Jul 2024 09:51



Tgt Ion:276 Resp: 30711
Ion Ratio Lower Upper
276 100
138 32.5 21.0 31.4#
277 32.3 20.6 31.0#

