

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032858.D
 Acq On : 20 Jul 2024 02:02
 Operator : MA/JU
 Sample : P3178-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BT4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2024
 Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 20 02:33:08 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	7.528	152	4100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	12787	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	7443	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	14864m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.153	240	12665m	0.400	ng/ul	-0.01
23) Perylene-d12	23.345	264	14890m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12401	2.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	3559	0.184	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	7837m	0.190	ng/ul	-0.02
Target Compounds						Qvalue
5) Naphthalene	10.343	128	10132	0.295	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	3120	0.146	ng/ul	97
8) 1-Methylnaphthalene	12.202	142	2356	0.106	ng/ul	100
10) Acenaphthylene	13.897	152	20238	0.673	ng/ul	99
11) Acenaphthene	14.239	153	9858	0.396	ng/ul	98
12) Fluorene	15.239	166	10313	0.363	ng/ul	99
15) Phenanthrene	16.978	178	229072m	5.659	ng/ul	
16) Anthracene	17.075	178	48190m	1.457	ng/ul	
19) Fluoranthene	19.013	202	553107m	10.741	ng/ul	
20) Pyrene	19.375	202	328260m	6.159	ng/ul	
21) Benzo(a)anthracene	21.136	228	254957m	6.324	ng/ul	
22) Chrysene	21.191	228	297170m	5.096	ng/ul	
24) Benzo(b)fluoranthene	22.690	252	413400m	7.869	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	158522m	2.476	ng/ul	
26) Benzo(a)pyrene	23.249	252	110658m	2.434	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.549	276	120933m	1.964	ng/ul	
28) Dibenzo(a,h)anthracene	25.542	278	53727m	1.126	ng/ul	
29) Benzo(g,h,i)perylene	26.230	276	16530m	0.321	ng/ul	

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

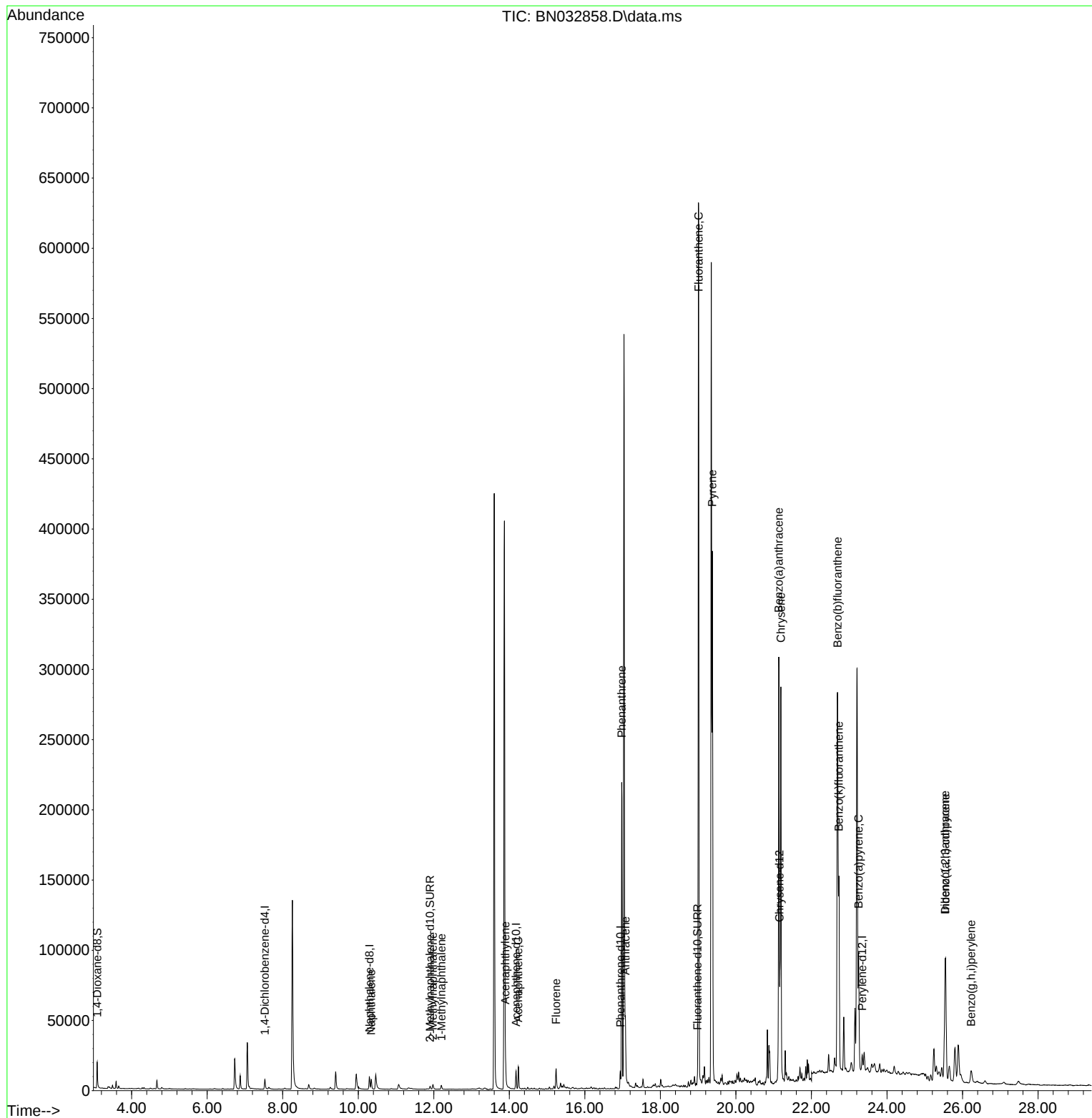
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032858.D
Acq On : 20 Jul 2024 02:02
Operator : MA/JU
Sample : P3178-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

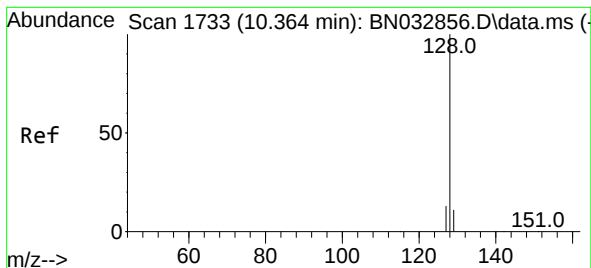
Instrument :
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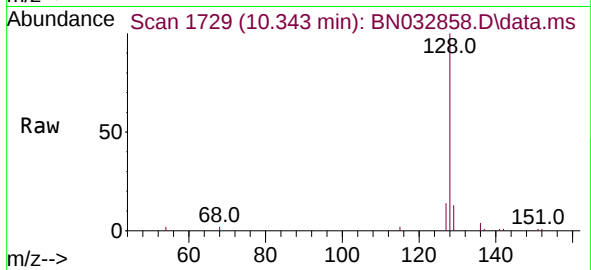
Quant Time: Jul 20 02:33:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.295 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.020 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

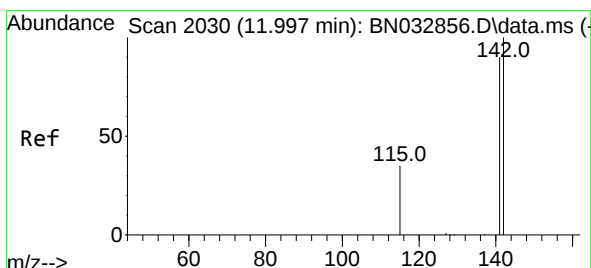
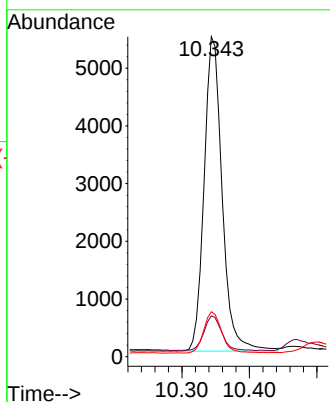
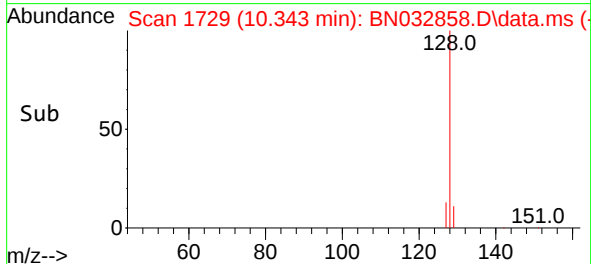
Instrument :
BNA_N
ClientSampleId :
A4BT4



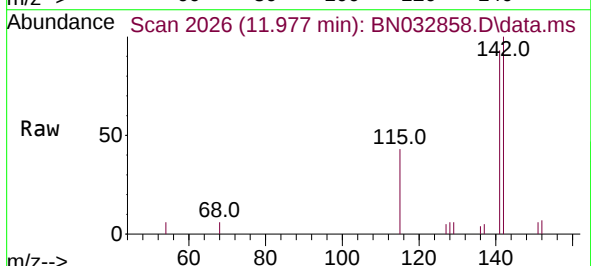
Tgt Ion:128 Resp: 10132
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.0 11.6 17.4

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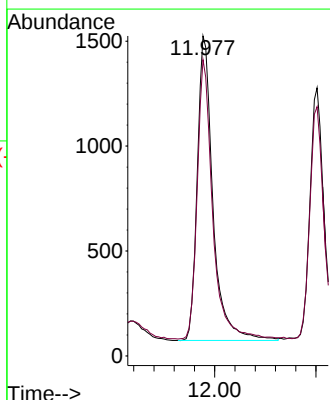
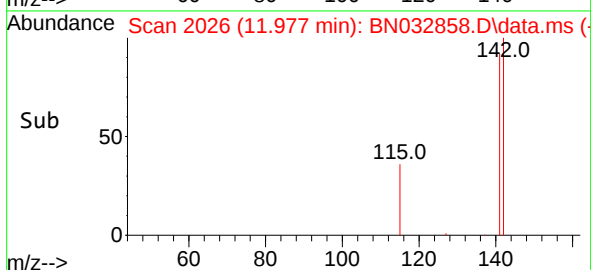
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

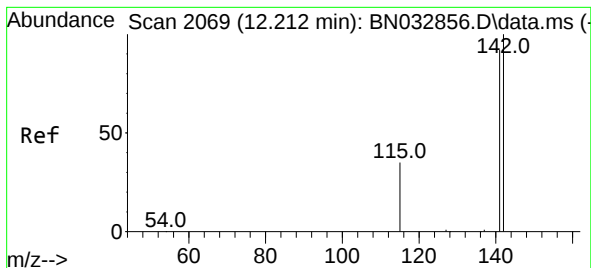


#7
2-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 11.977 min Scan# 2026
Delta R.T. -0.020 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02



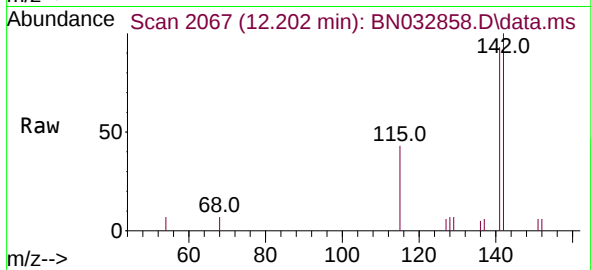
Tgt Ion:142 Resp: 3120
Ion Ratio Lower Upper
142 100
141 89.9 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.202 min Scan# 2067
Delta R.T. -0.009 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

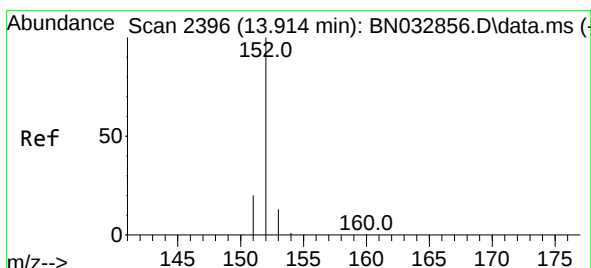
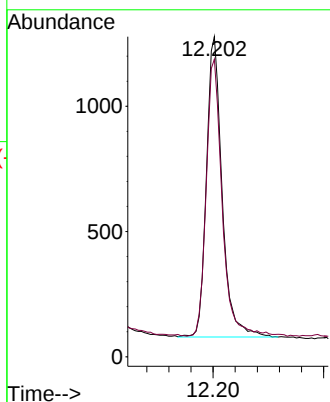
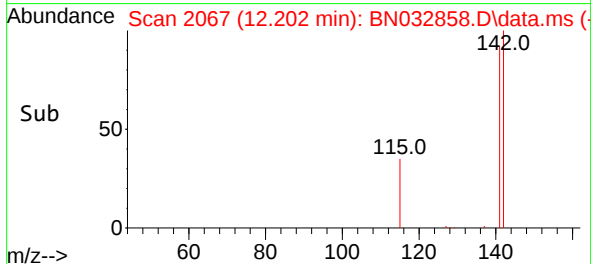
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:142 Resp: 2350
Ion Ratio Lower Upper
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141 93.7 75.0 112.4

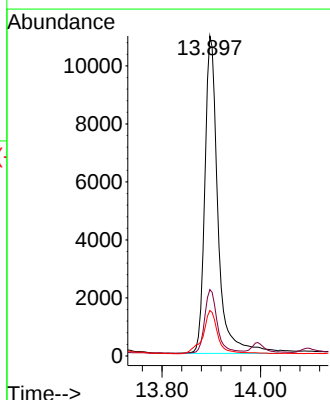
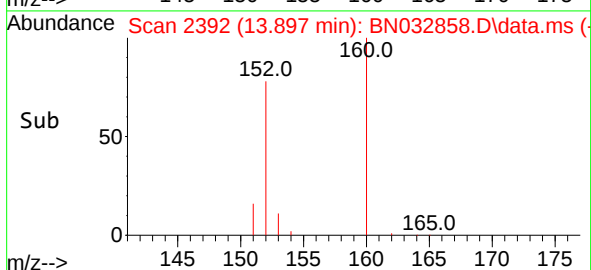
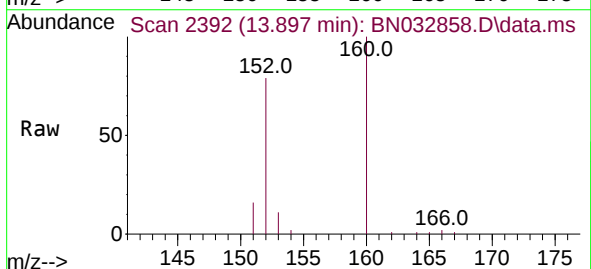
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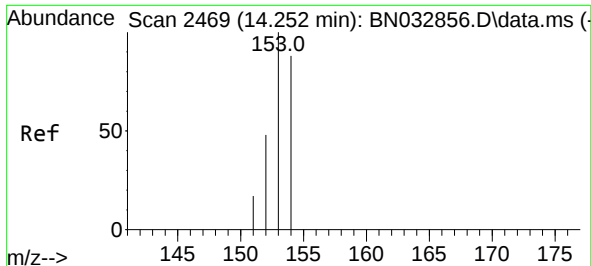
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#10
Acenaphthylene
Concen: 0.673 ng/ul
RT: 13.897 min Scan# 2392
Delta R.T. -0.017 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

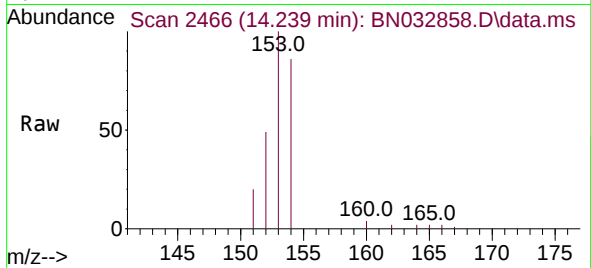
Tgt Ion:152 Resp: 20238
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 14.2 11.3 16.9





#11
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.239 min Scan# 2466
Delta R.T. -0.012 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

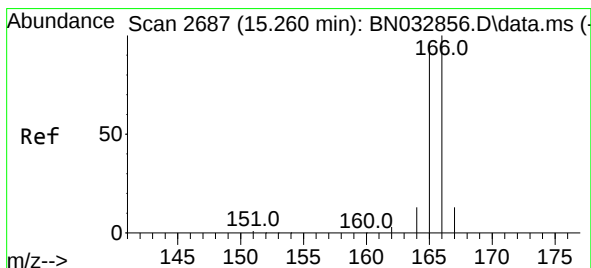
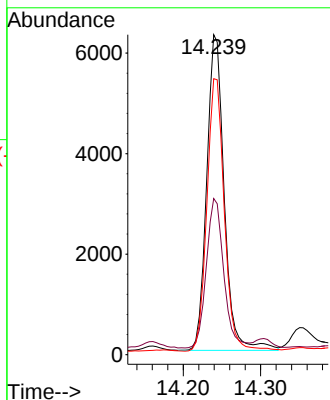
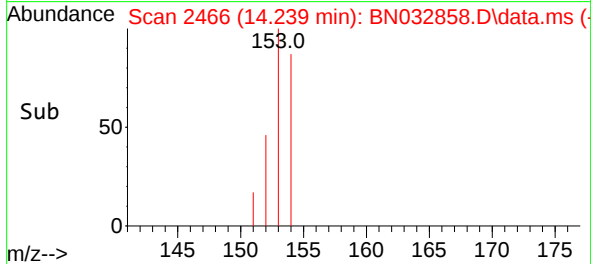
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:153 Resp: 9858
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 86.3 70.2 105.4

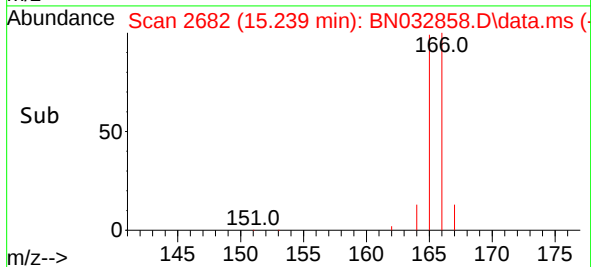
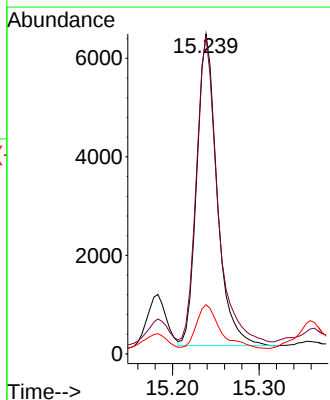
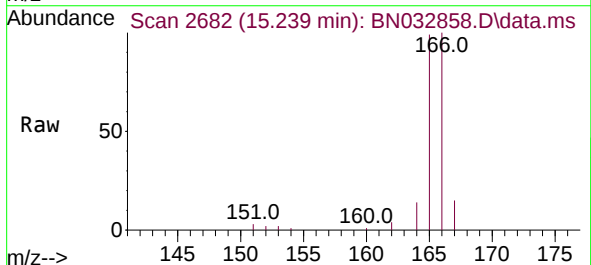
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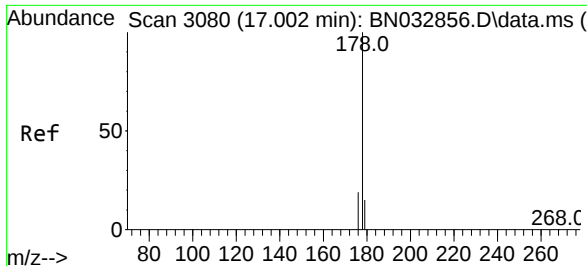
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.239 min Scan# 2682
Delta R.T. -0.021 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

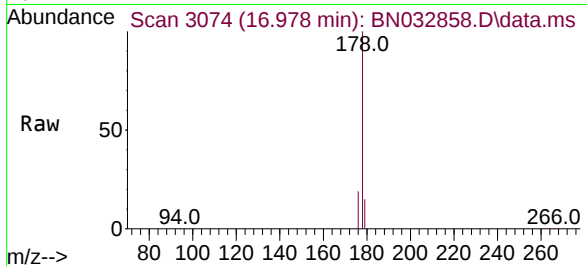
Tgt Ion:166 Resp: 10313
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 15.4 11.4 17.2





#15
Phenanthrene
Concen: 5.659 ng/ul m
RT: 16.978 min Scan# 3074
Delta R.T. -0.024 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

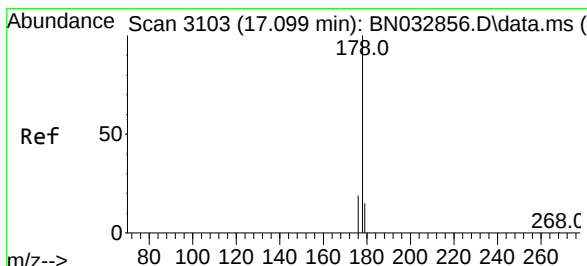
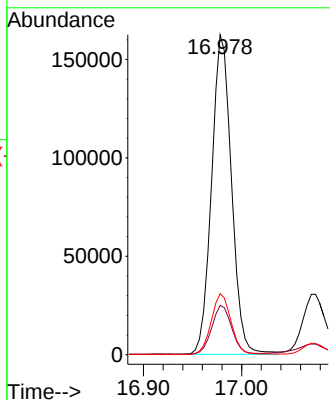
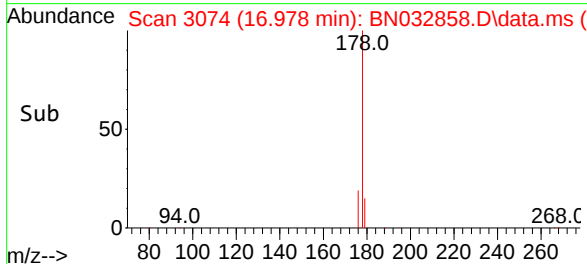
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:178 Resp: 229072
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.0 15.6 23.4

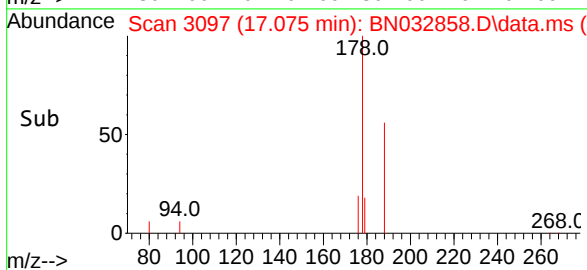
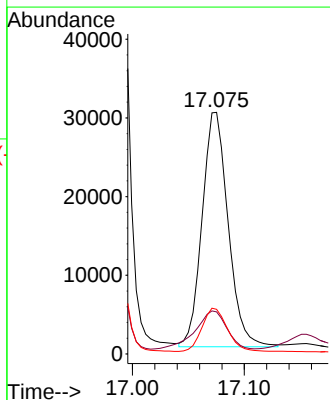
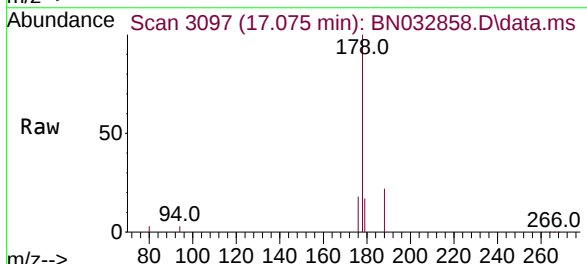
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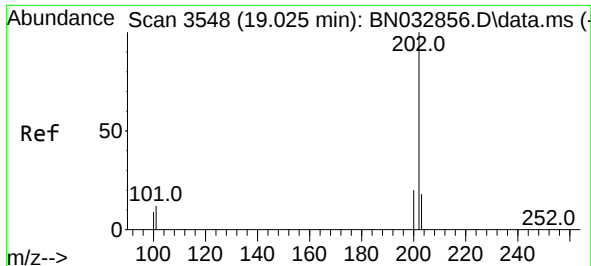
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#16
Anthracene
Concen: 1.457 ng/ul m
RT: 17.075 min Scan# 3097
Delta R.T. -0.024 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

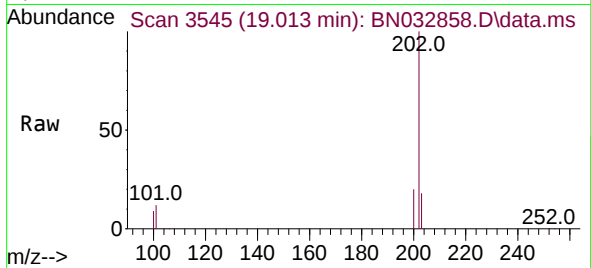
Tgt Ion:178 Resp: 48190
Ion Ratio Lower Upper
178 100
179 17.4 13.4 20.2
176 18.5 15.4 23.0





#19
Fluoranthene
Concen: 10.741 ng/ul m
RT: 19.013 min Scan# 3545
Delta R.T. -0.012 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

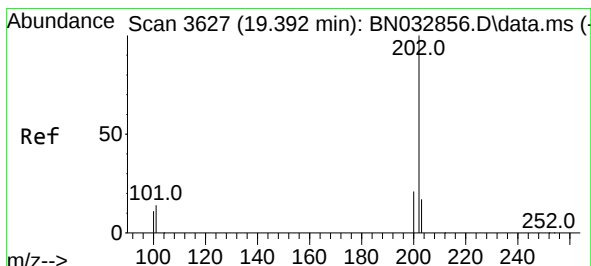
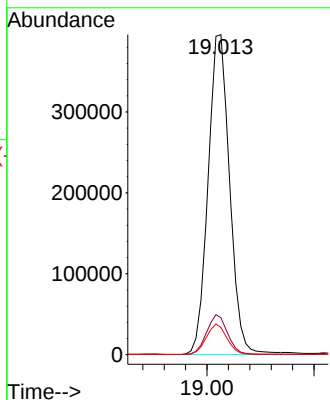
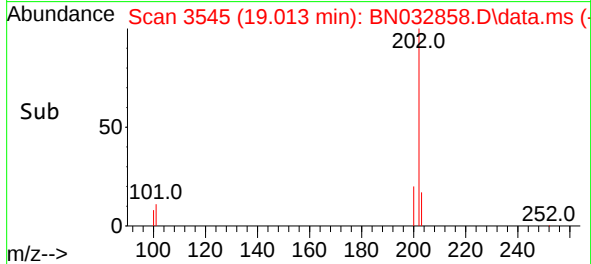
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:202 Resp: 55310
Ion Ratio Lower Upper
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101 11.5 9.8 14.8
100 8.5 7.9 11.9

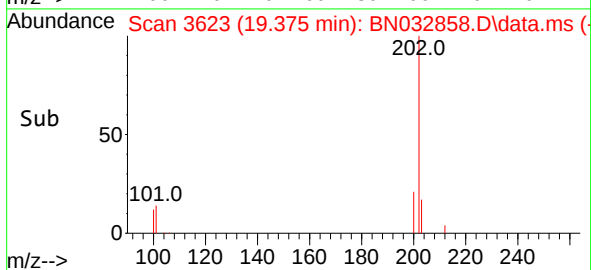
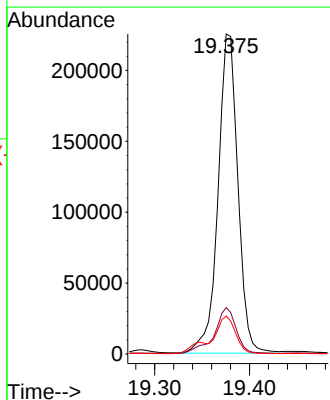
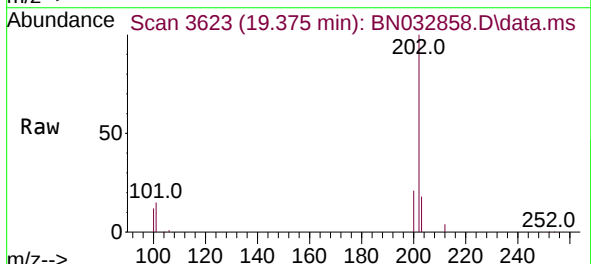
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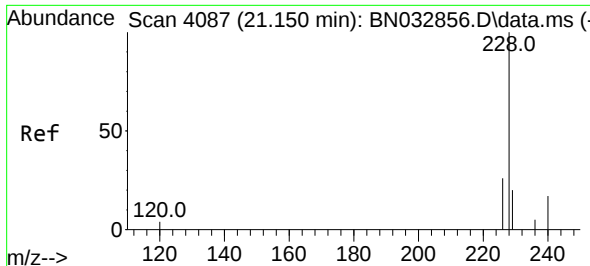
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#20
Pyrene
Concen: 6.159 ng/ul m
RT: 19.375 min Scan# 3623
Delta R.T. -0.017 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

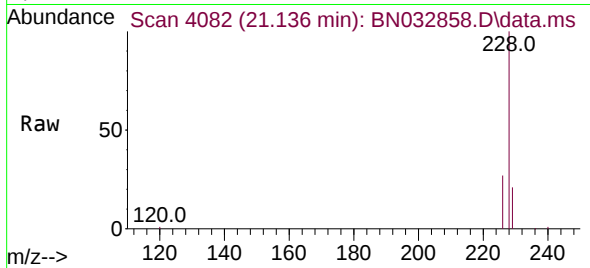
Tgt Ion:202 Resp: 328260
Ion Ratio Lower Upper
202 100
101 14.5 11.8 17.6
100 11.9 9.6 14.4





#21
Benzo(a)anthracene
Concen: 6.324 ng/ul m
RT: 21.136 min Scan# 4087
Delta R.T. -0.015 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

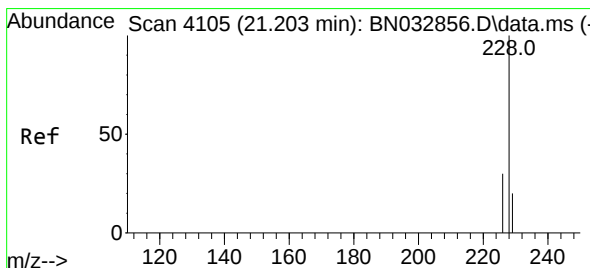
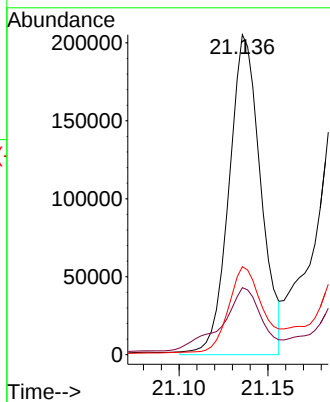
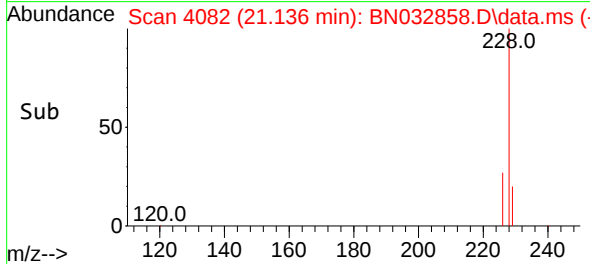
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:228 Resp: 25495
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 27.5 21.9 32.9

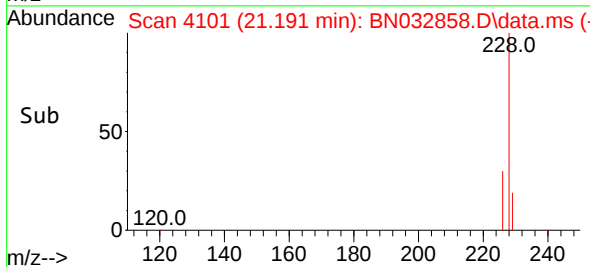
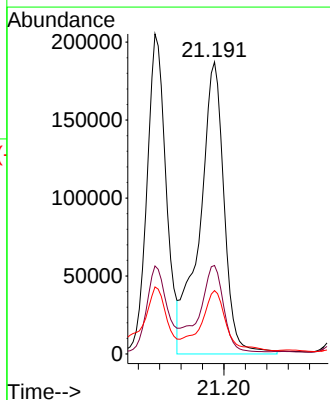
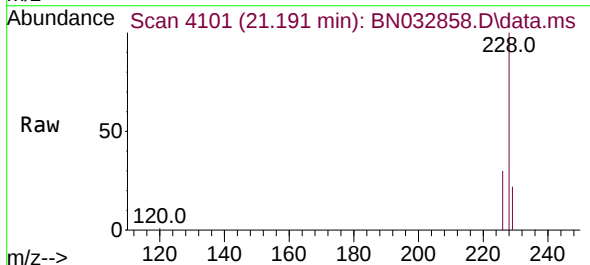
Manual Integrations
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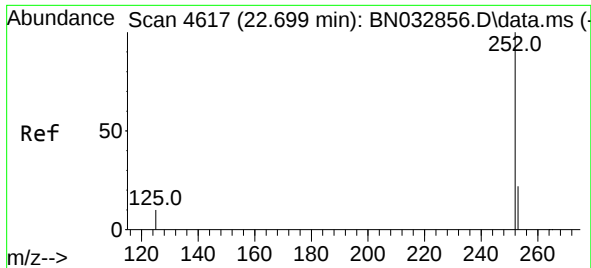
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#22
Chrysene
Concen: 5.096 ng/ul m
RT: 21.191 min Scan# 4101
Delta R.T. -0.012 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

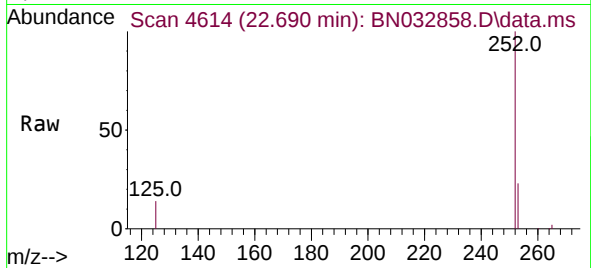
Tgt Ion:228 Resp: 297170
Ion Ratio Lower Upper
228 100
226 30.3 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 7.869 ng/ul m
RT: 22.690 min Scan# 4617
Delta R.T. -0.009 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

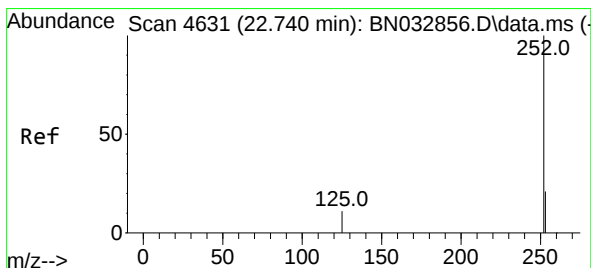
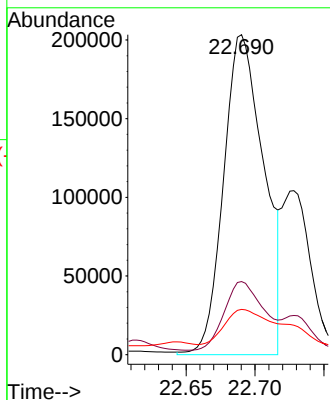
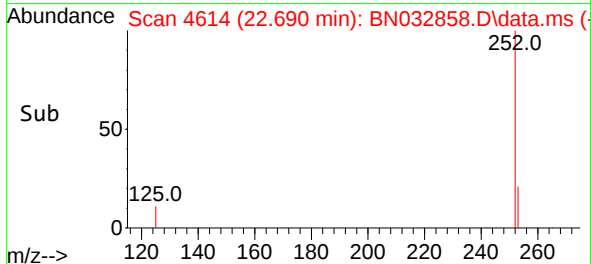
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:252 Resp: 413400
Ion Ratio Lower Upper
252 100
253 22.9 0.0 54.0
125 14.2 0.0 36.0

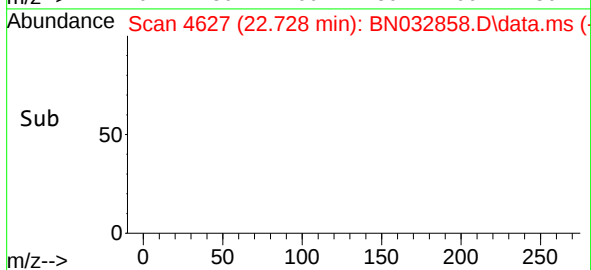
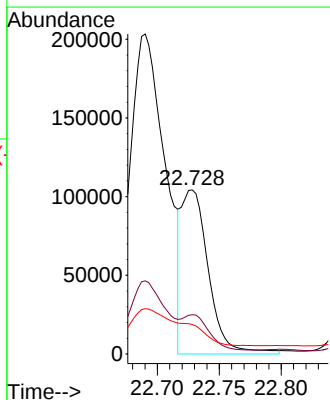
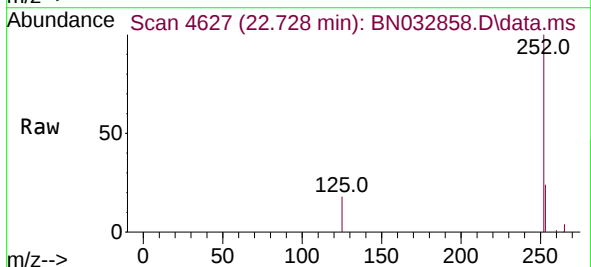
Manual Integrations
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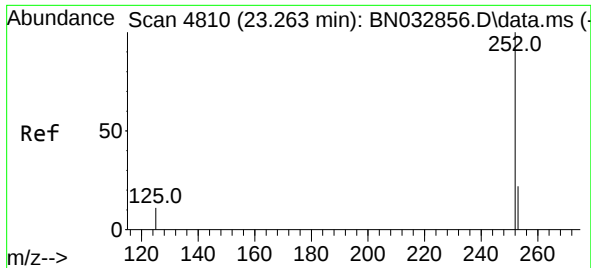
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#25
Benzo(k)fluoranthene
Concen: 2.476 ng/ul m
RT: 22.728 min Scan# 4627
Delta R.T. -0.012 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

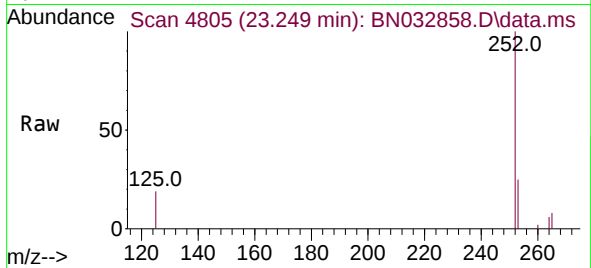
Tgt Ion:252 Resp: 158522
Ion Ratio Lower Upper
252 100
253 23.9 21.2 31.8
125 18.0 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.434 ng/ul m
RT: 23.249 min Scan# 4810
Delta R.T. -0.015 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

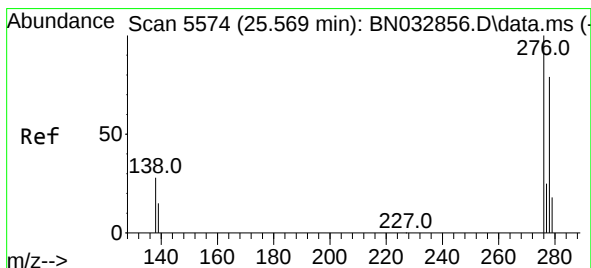
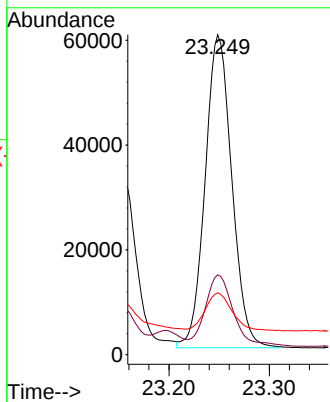
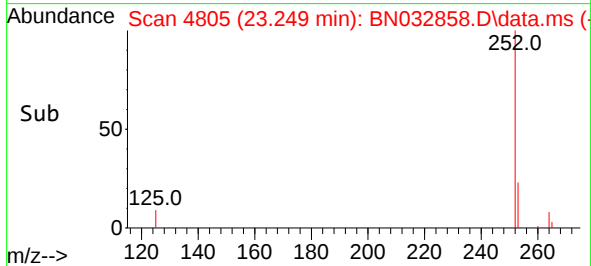
Instrument :
BNA_N
ClientSampleId :
A4BT4



Tgt Ion:252 Resp: 110658
Ion Ratio Lower Upper
252 100
253 24.9 25.4 38.0#
125 19.3 20.6 30.8#

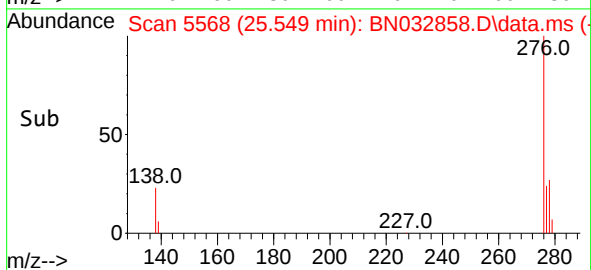
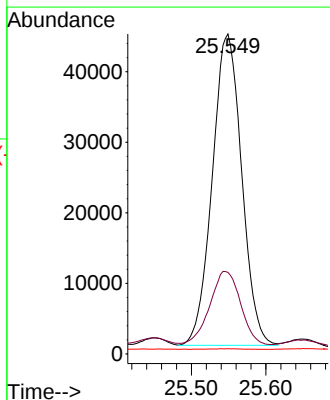
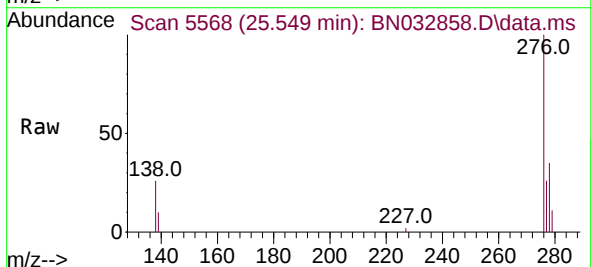
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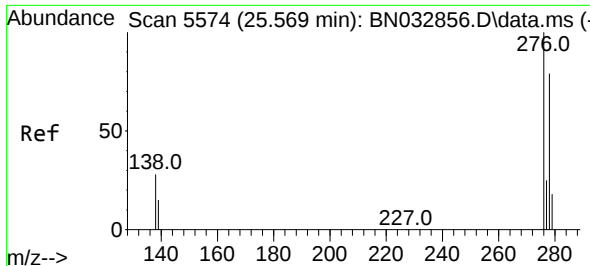
Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.964 ng/ul m
RT: 25.549 min Scan# 5568
Delta R.T. -0.020 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

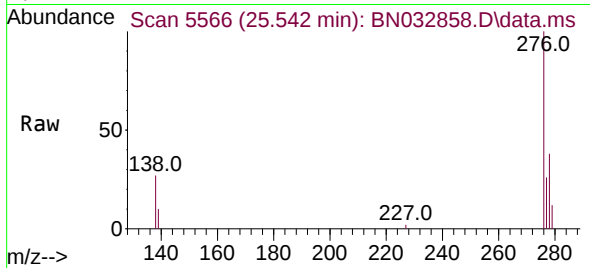
Tgt Ion:276 Resp: 120933
Ion Ratio Lower Upper
276 100
138 4.9 21.6 32.4#
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 1.126 ng/ul m
RT: 25.542 min Scan# 5574
Delta R.T. -0.027 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02

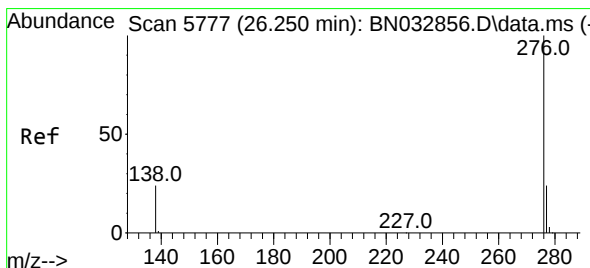
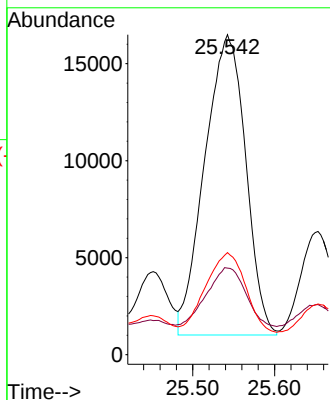
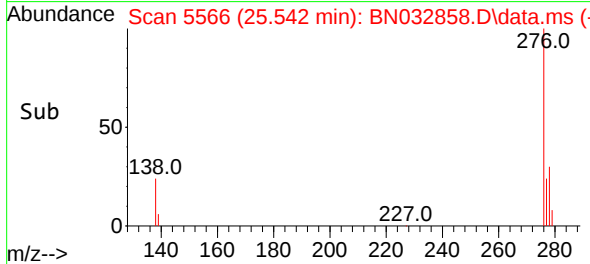
Instrument :
BNA_N
ClientSampleId :
A4BT4



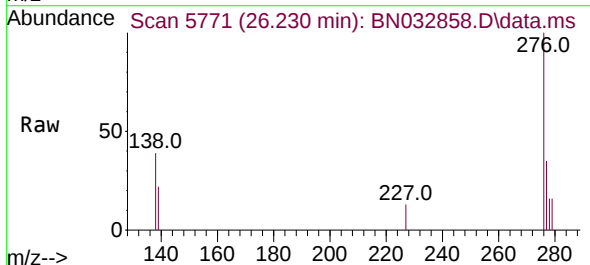
Tgt Ion:278 Resp: 5372
Ion Ratio Lower Upper
278 100
139 27.0 16.6 24.8
279 31.9 23.7 35.5

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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



#29
Benzo(g,h,i)perylene
Concen: 0.321 ng/ul m
RT: 26.230 min Scan# 5771
Delta R.T. -0.020 min
Lab File: BN032858.D
Acq: 20 Jul 2024 02:02



Tgt Ion:276 Resp: 16530
Ion Ratio Lower Upper
276 100
138 39.1 21.0 31.4#
277 35.4 20.6 31.0#

