

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032696.D
 Acq On : 13 Jul 2024 06:04
 Operator : MA/JU
 Sample : P3087-09DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CC1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 06:35:02 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	7.553	152	5970	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	17688	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	9117	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	16496	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14530	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	16130m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5072	0.708	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1206	0.045	ng/ul	-0.03
18) Fluoranthene-d10	18.994	212	2194	0.046	ng/ul	-0.03
Target Compounds						Qvalue
5) Naphthalene	10.371	128	4095	0.086	ng/ul#	95
7) 2-Methylnaphthalene	12.010	142	1406	0.047	ng/ul	94
8) 1-Methylnaphthalene	12.230	142	1037	0.034	ng/ul	99
10) Acenaphthylene	13.920	152	3186	0.087	ng/ul#	92
11) Acenaphthene	14.262	153	6128	0.201	ng/ul	99
12) Fluorene	15.262	166	9293	0.267	ng/ul	98
15) Phenanthrene	16.999	178	107549	2.394	ng/ul	99
16) Anthracene	17.092	178	22899	0.624	ng/ul	98
19) Fluoranthene	19.027	202	153674	2.601	ng/ul	98
20) Pyrene	19.394	202	100939	1.651	ng/ul	97
21) Benzo(a)anthracene	21.153	228	66485	1.437	ng/ul	99
22) Chrysene	21.203	228	55095	0.823	ng/ul	97
24) Benzo(b)fluoranthene	22.705	252	77123m	1.355	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	31174m	0.449	ng/ul	
26) Benzo(a)pyrene	23.263	252	28402	0.577	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	25.569	276	25888	0.388	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.569	278	8420	0.163	ng/ul#	77
29) Benzo(g,h,i)perylene	26.250	276	3874	0.070	ng/ul#	63

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

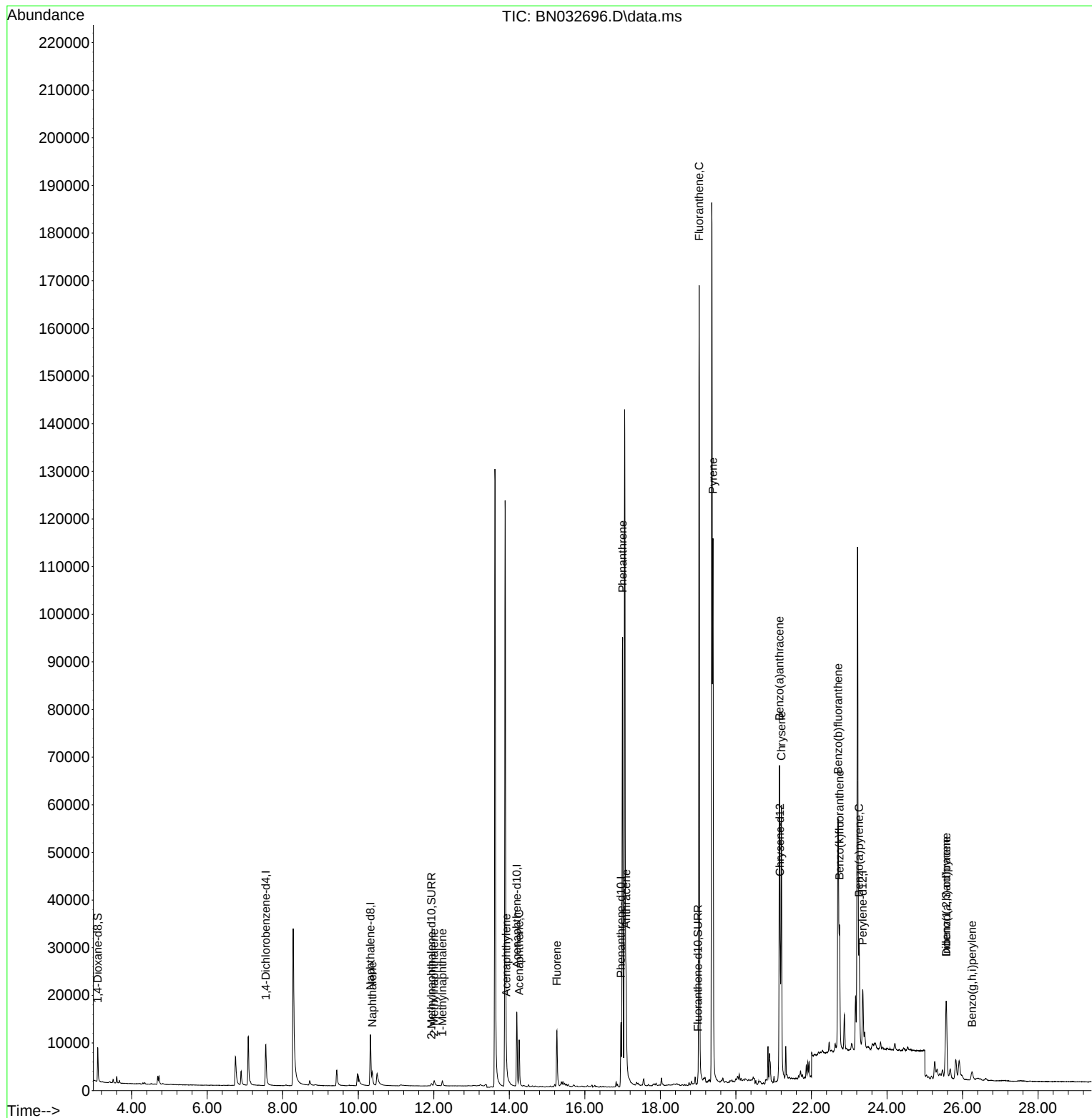
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032696.D
Acq On : 13 Jul 2024 06:04
Operator : MA/JU
Sample : P3087-09DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

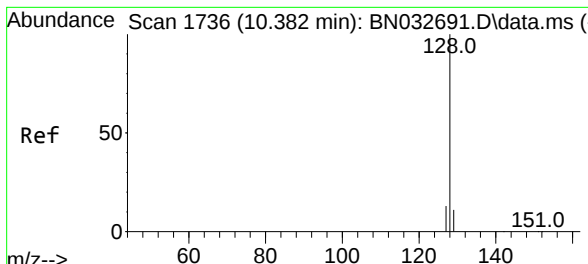
Instrument :
BNA_N
ClientSampleId :
A4CC1DL

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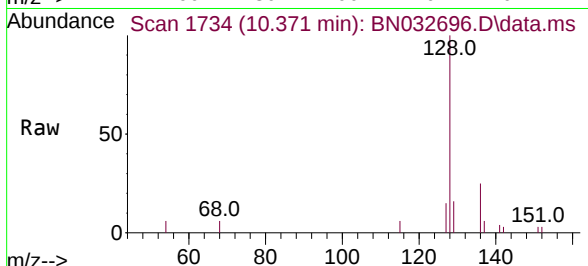
Quant Time: Jul 13 06:35:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.086 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.039 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

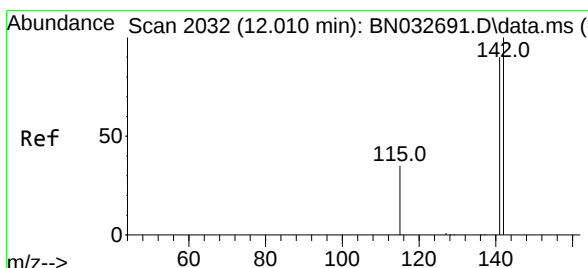
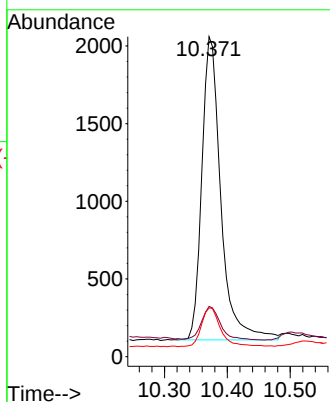
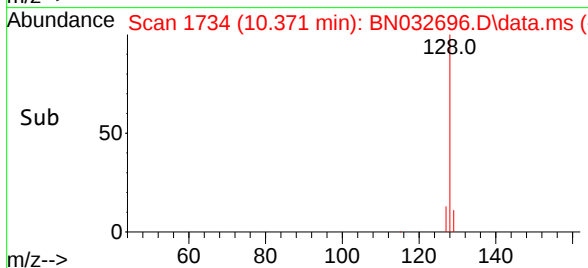
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



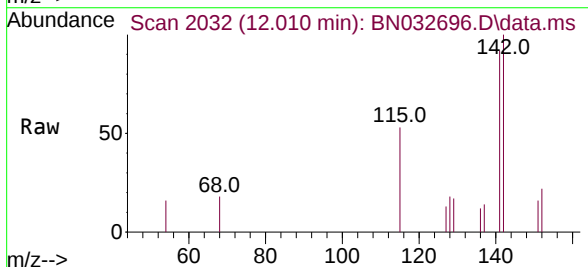
Tgt Ion:128 Resp: 4095
Ion Ratio Lower Upper
128 100
129 15.7 10.0 15.0
127 15.2 11.6 17.4

Manual Integrations
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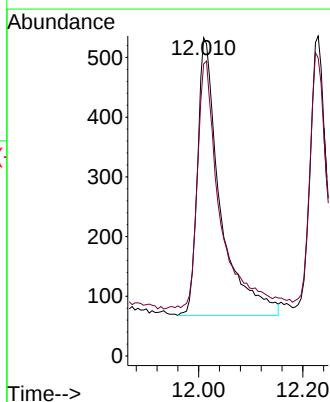
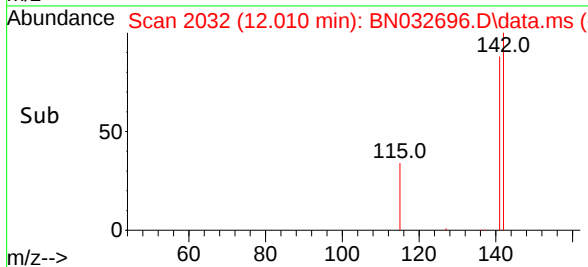
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

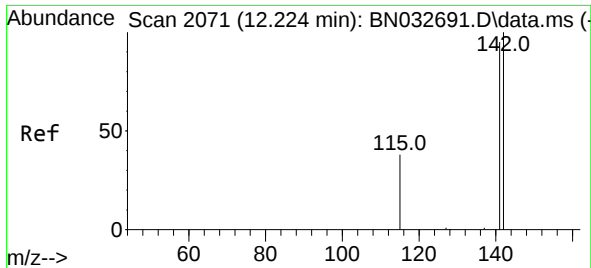


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.039 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04



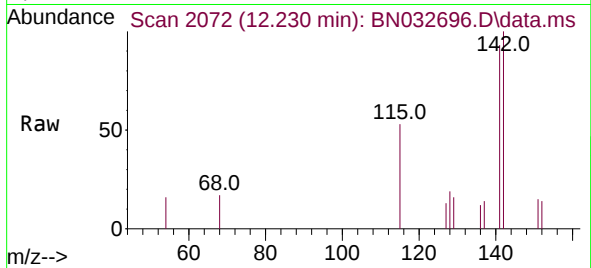
Tgt Ion:142 Resp: 1406
Ion Ratio Lower Upper
142 100
141 86.6 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.230 min Scan# 2071
Delta R.T. -0.017 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

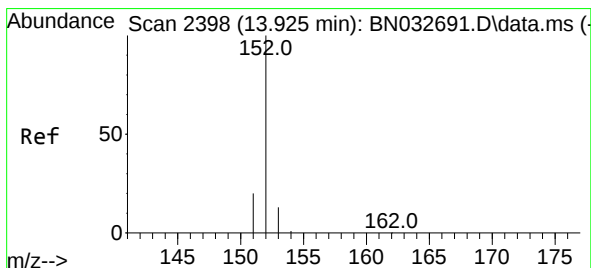
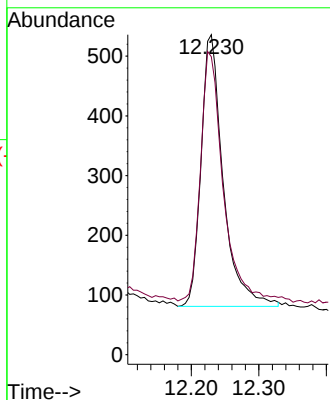
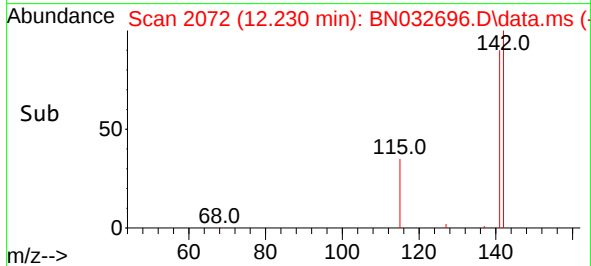
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



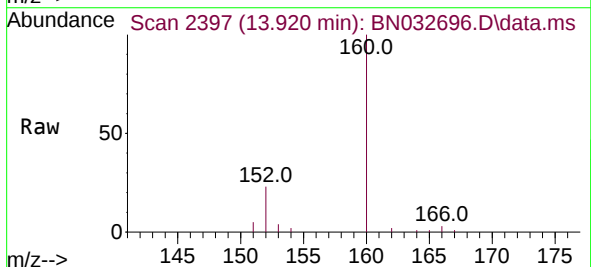
Tgt Ion:142 Resp: 103
Ion Ratio Lower Upper
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141 92.9 75.0 112.4

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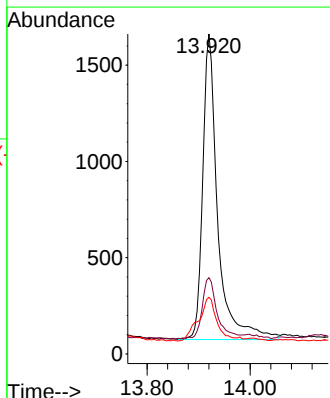
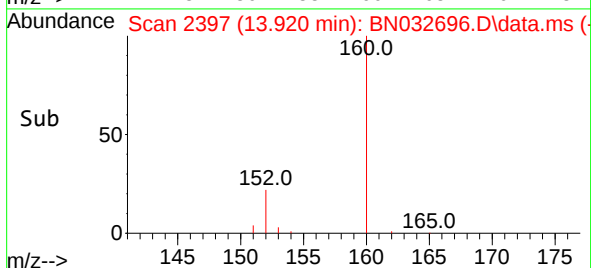
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

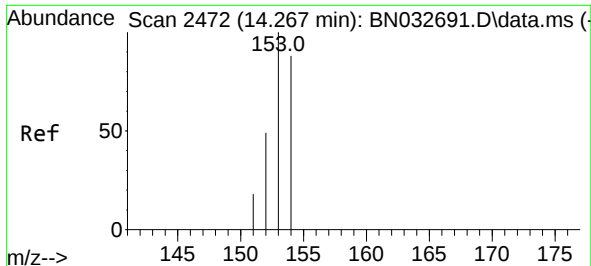


#10
Acenaphthylene
Concen: 0.087 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04



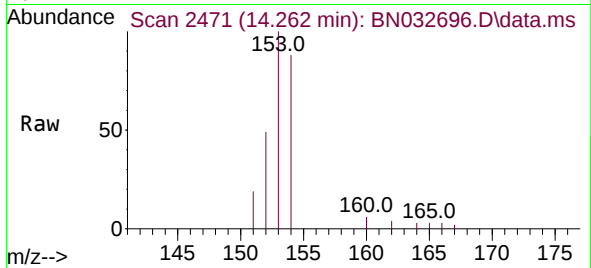
Tgt Ion:152 Resp: 3186
Ion Ratio Lower Upper
152 100
151 23.8 16.3 24.5
153 17.7 11.3 16.9#





#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.019 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

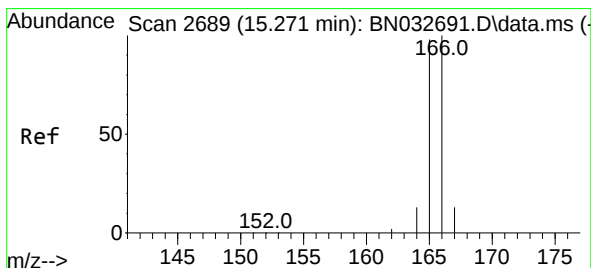
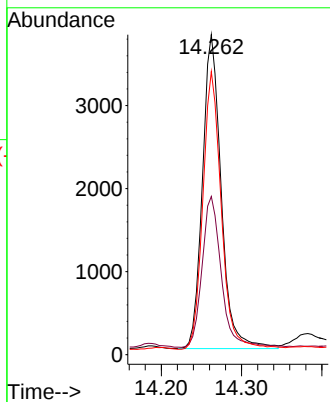
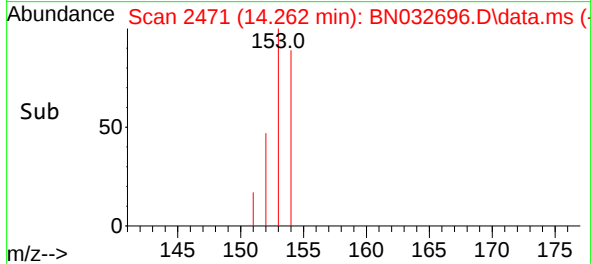
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



Tgt Ion:153 Resp: 6128
Ion Ratio Lower Upper
153 100
152 49.5 40.0 60.0
154 88.4 70.2 105.4

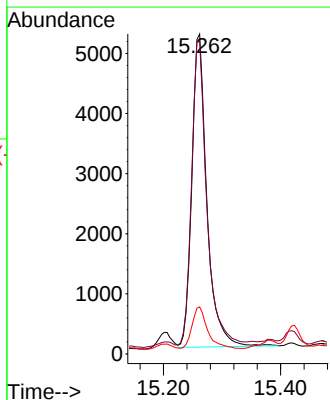
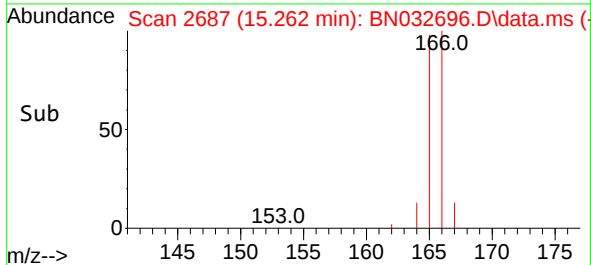
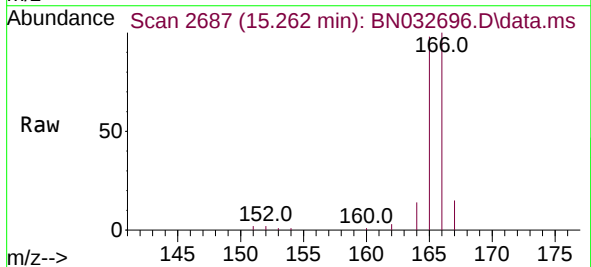
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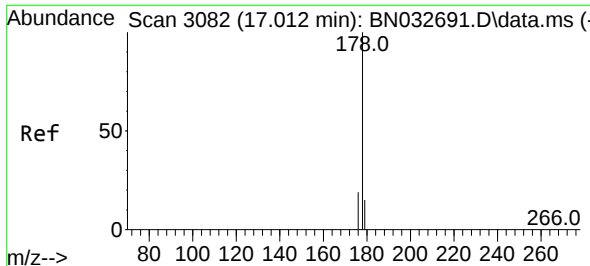
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.267 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

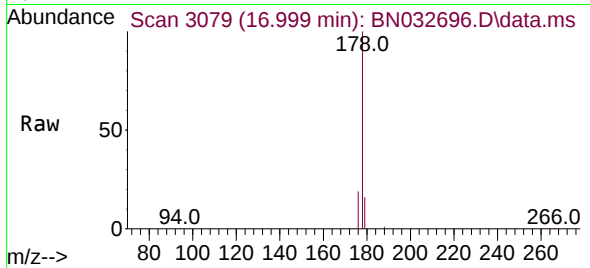
Tgt Ion:166 Resp: 9293
Ion Ratio Lower Upper
166 100
165 97.6 79.7 119.5
167 14.7 11.4 17.2





#15
Phenanthrene
Concen: 2.394 ng/u1
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

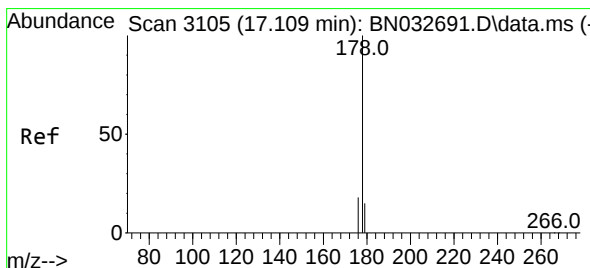
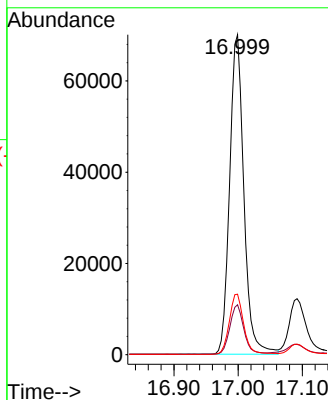
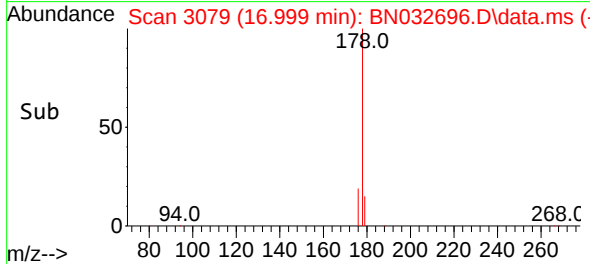
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



Tgt Ion:178 Resp: 107549
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.4
176 18.9 15.6 23.4

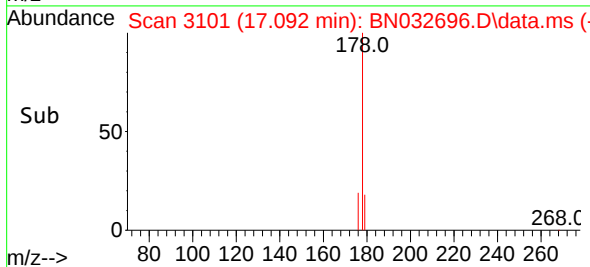
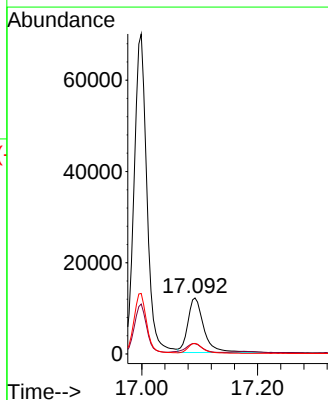
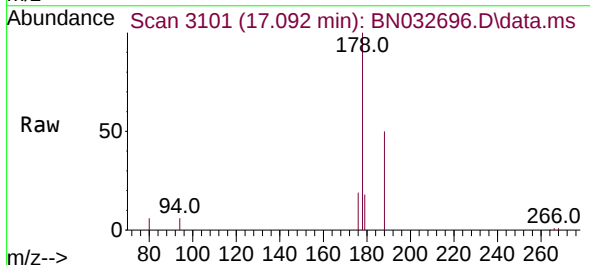
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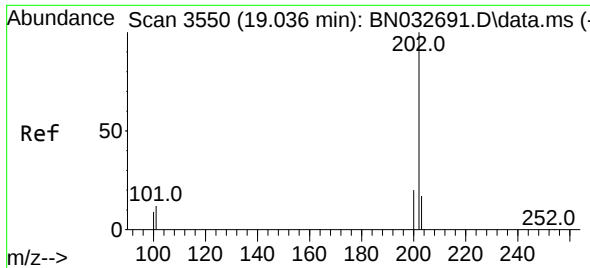
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.624 ng/u1
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

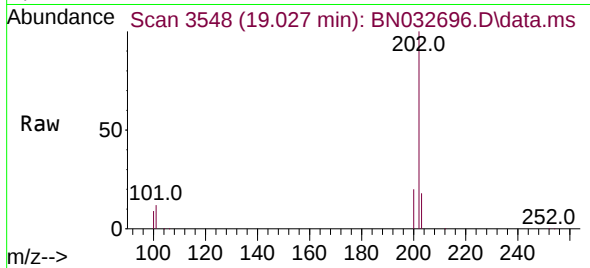
Tgt Ion:178 Resp: 22899
Ion Ratio Lower Upper
178 100
179 18.4 13.4 20.2
176 19.0 15.4 23.0





#19
Fluoranthene
Concen: 2.601 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

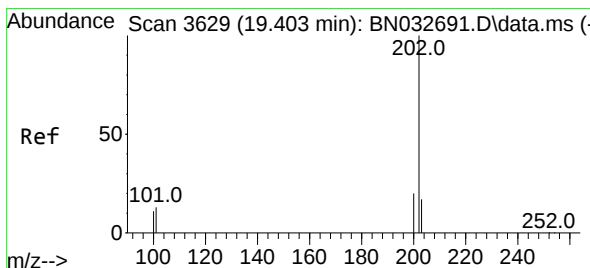
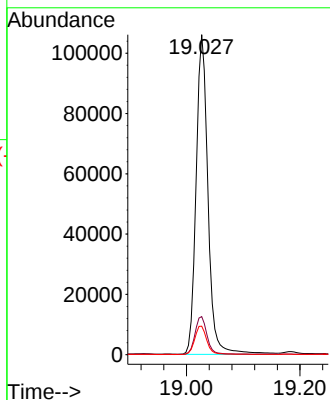
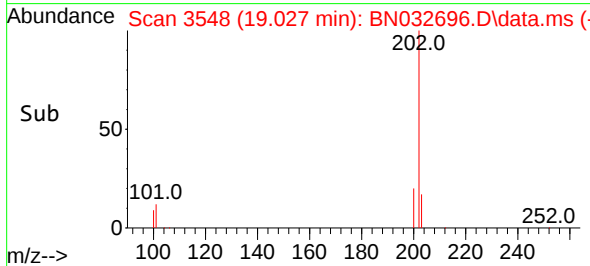
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



Tgt Ion:202 Resp: 153674
Ion Ratio Lower Upper
202 100
101 11.9 9.8 14.8
100 8.9 7.9 11.9

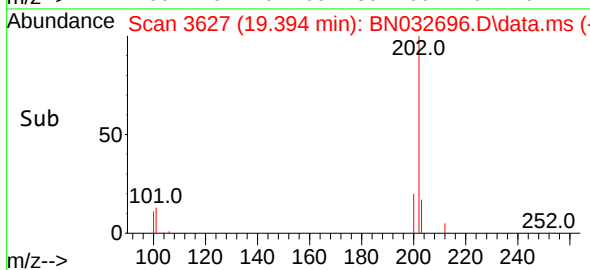
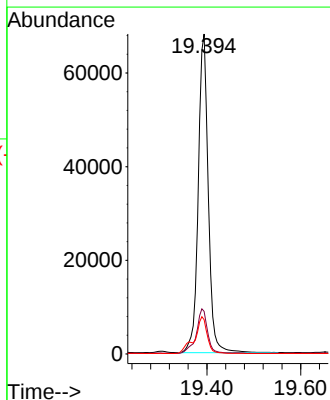
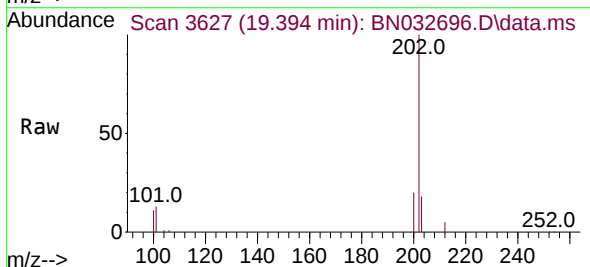
Manual Integrations
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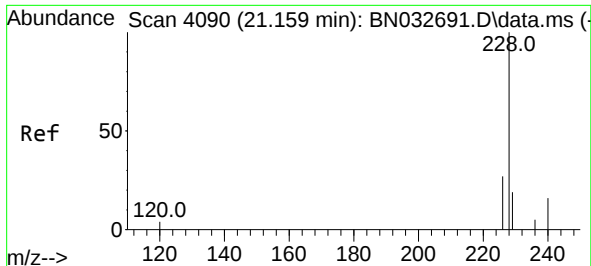
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.651 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

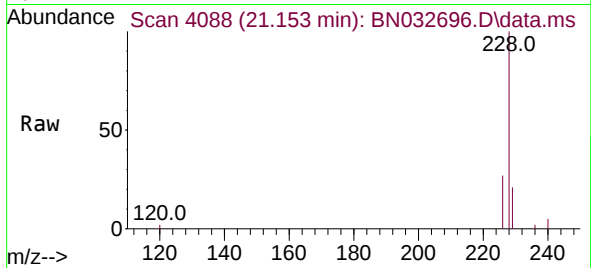
Tgt Ion:202 Resp: 100939
Ion Ratio Lower Upper
202 100
101 13.3 11.8 17.6
100 10.7 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.437 ng/u1
RT: 21.153 min Scan# 4090
Delta R.T. -0.029 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

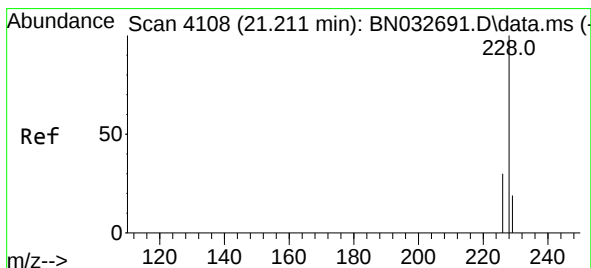
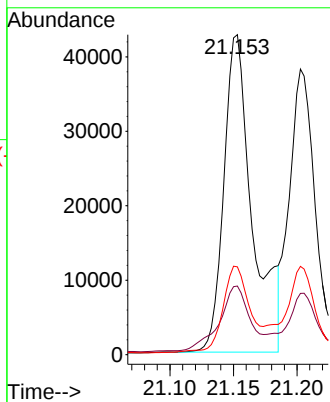
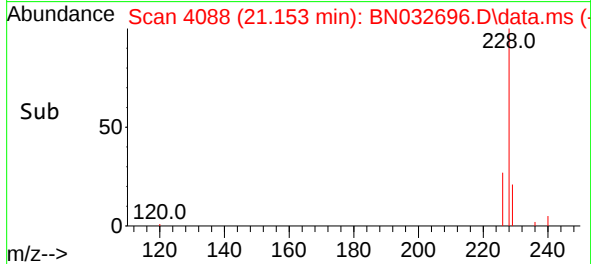
Instrument :
BNA_N
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A4CC1DL



Tgt Ion:228 Resp: 66485
Ion Ratio Lower Upper
228 100
229 21.5 16.1 24.1
226 27.4 21.9 32.9

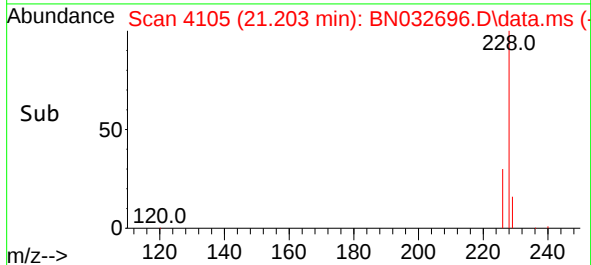
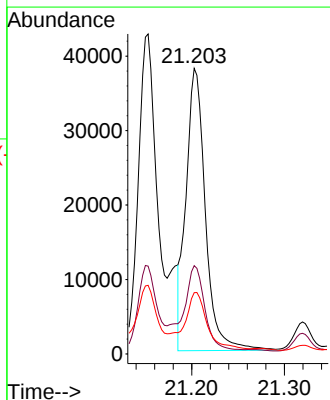
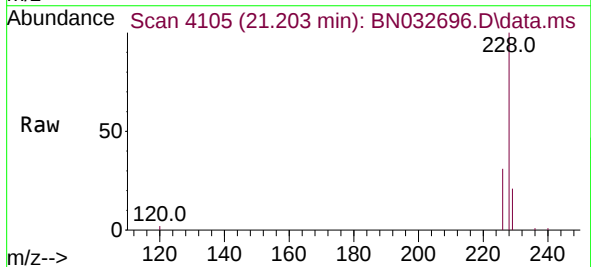
Manual Integrations
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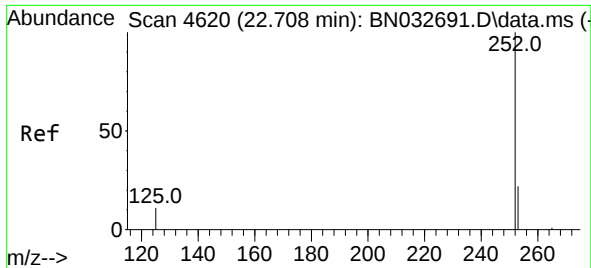
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 0.823 ng/u1
RT: 21.203 min Scan# 4105
Delta R.T. -0.029 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

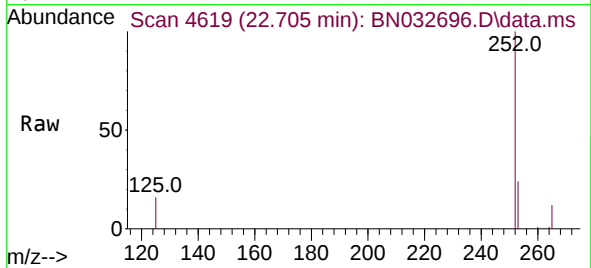
Tgt Ion:228 Resp: 55095
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 21.5 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.355 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

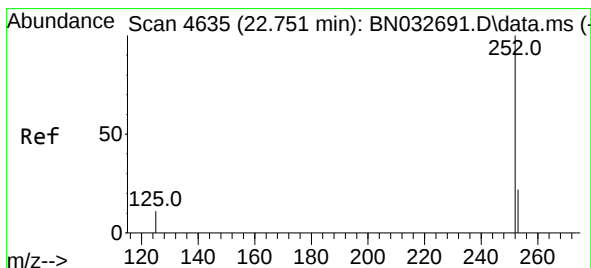
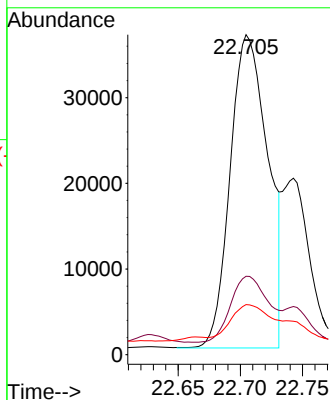
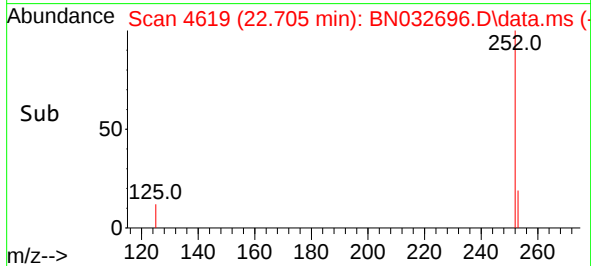
Instrument :
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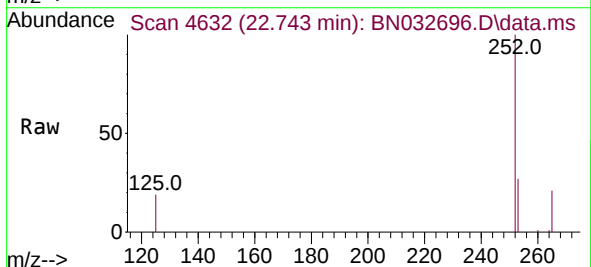
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Ion Ratio Lower Upper
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253 24.5 0.0 54.0
125 15.7 0.0 36.0

Manual Integrations
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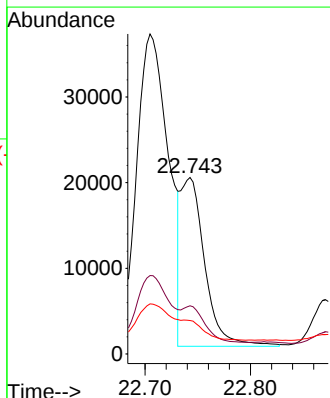
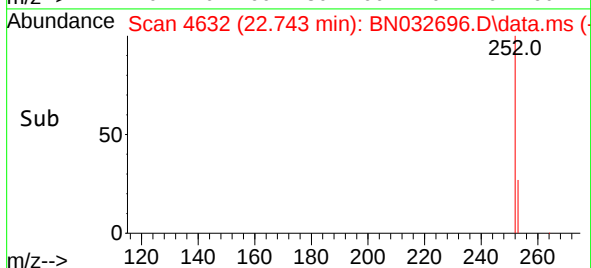
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

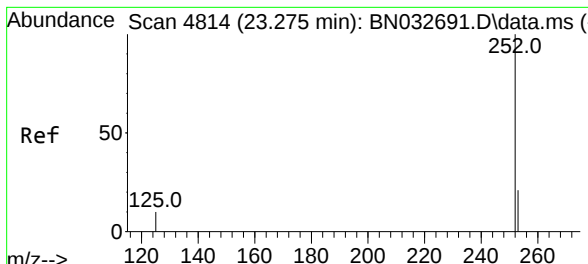


#25
Benzo(k)fluoranthene
Concen: 0.449 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04



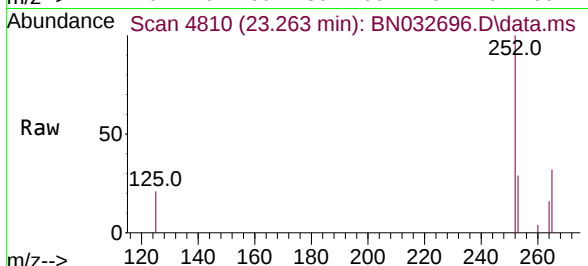
Tgt Ion:252 Resp: 31174
Ion Ratio Lower Upper
252 100
253 27.2 21.2 31.8
125 18.9 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.577 ng/ul
RT: 23.263 min Scan# 4810
Delta R.T. -0.047 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

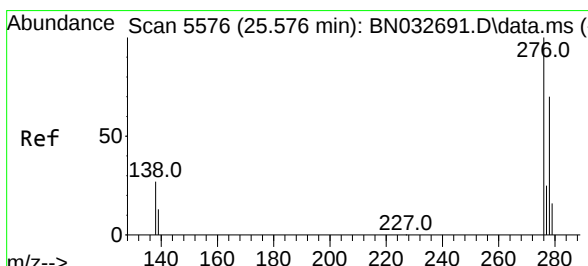
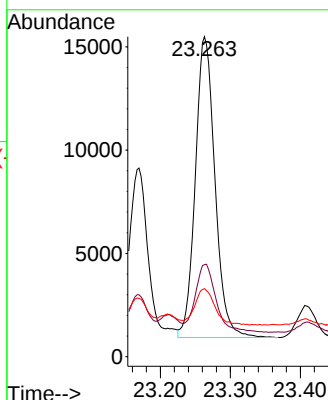
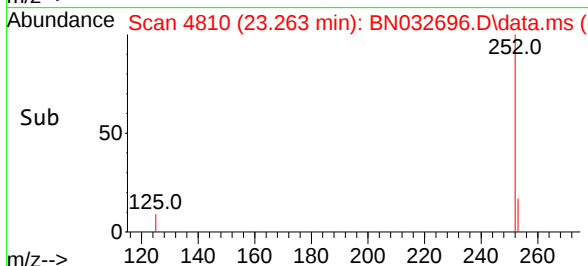
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



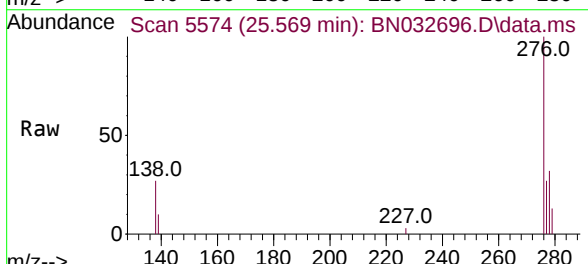
Tgt Ion:252 Resp: 2840
Ion Ratio Lower Upper
252 100
253 28.7 25.4 38.0
125 21.2 20.6 30.8

Manual Integrations
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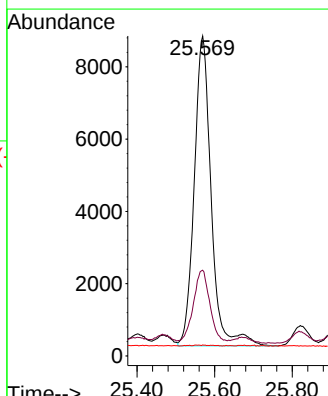
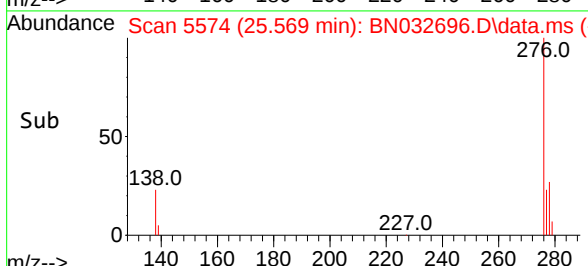
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

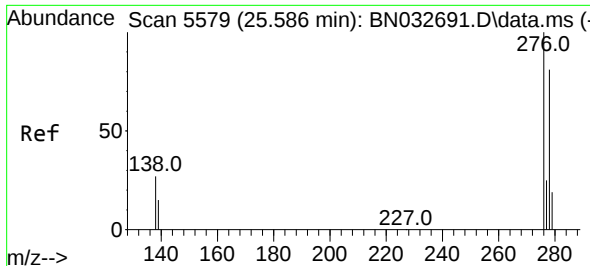


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.388 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04



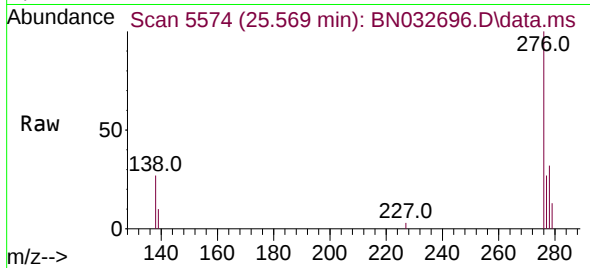
Tgt Ion:276 Resp: 25888
Ion Ratio Lower Upper
276 100
138 22.3 21.6 32.4
227 0.0 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.163 ng/ul
RT: 25.569 min Scan# 5579
Delta R.T. -0.070 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

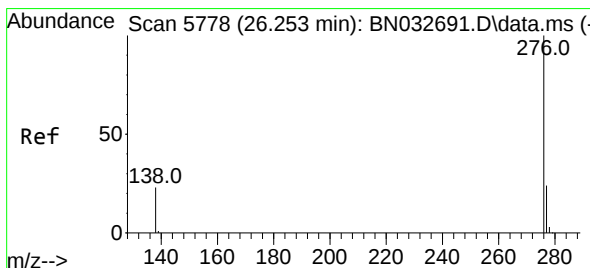
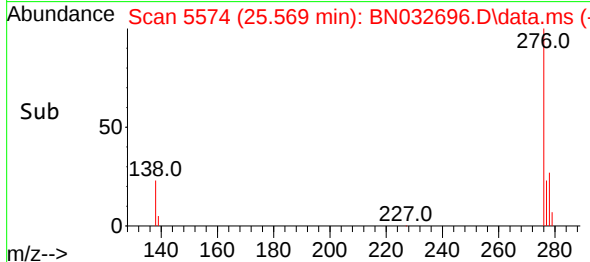
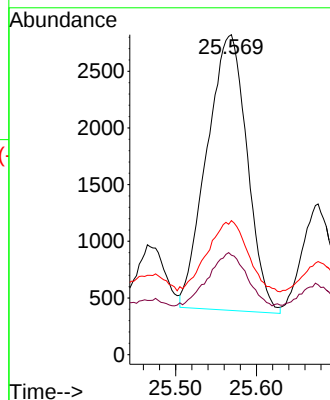
Instrument :
BNA_N
ClientSampleId :
A4CC1DL



Tgt Ion:278 Resp: 8420
Ion Ratio Lower Upper
278 100
139 31.1 16.6 24.8#
279 41.9 23.7 35.5#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.050 min
Lab File: BN032696.D
Acq: 13 Jul 2024 06:04

Tgt Ion:276 Resp: 3874
Ion Ratio Lower Upper
276 100
138 45.3 21.0 31.4#
277 44.4 20.6 31.0#

