

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032681.D
 Acq On : 12 Jul 2024 20:24
 Operator : MA/JU
 Sample : P3102-02DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:03:35 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	5542	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	15730	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8207	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	15710	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14297	0.400	ng/ul	-0.03
23) Perylene-d12	23.365	264	16196m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5159	0.775	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1206	0.051	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	2191	0.047	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.376	128	3767	0.089	ng/ul#	94
7) 2-Methylnaphthalene	12.010	142	1455	0.055	ng/ul	95
8) 1-Methylnaphthalene	12.224	142	1133	0.042	ng/ul	96
10) Acenaphthylene	13.925	152	8257	0.249	ng/ul	99
11) Acenaphthene	14.267	153	4544	0.166	ng/ul	99
12) Fluorene	15.262	166	5075	0.162	ng/ul	99
15) Phenanthrene	16.999	178	102129	2.387	ng/ul	99
16) Anthracene	17.092	178	22873	0.654	ng/ul	98
19) Fluoranthene	19.027	202	215220	3.702	ng/ul	99
20) Pyrene	19.394	202	155822	2.590	ng/ul	99
21) Benzo(a)anthracene	21.153	228	97483	2.142	ng/ul	98
22) Chrysene	21.206	228	109288	1.660	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	155518m	2.721	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	59627m	0.856	ng/ul	
26) Benzo(a)pyrene	23.266	252	58881	1.191	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.569	276	60756	0.907	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.569	278	19091	0.368	ng/ul#	85
29) Benzo(g,h,i)perylene	26.253	276	8483	0.152	ng/ul#	75

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

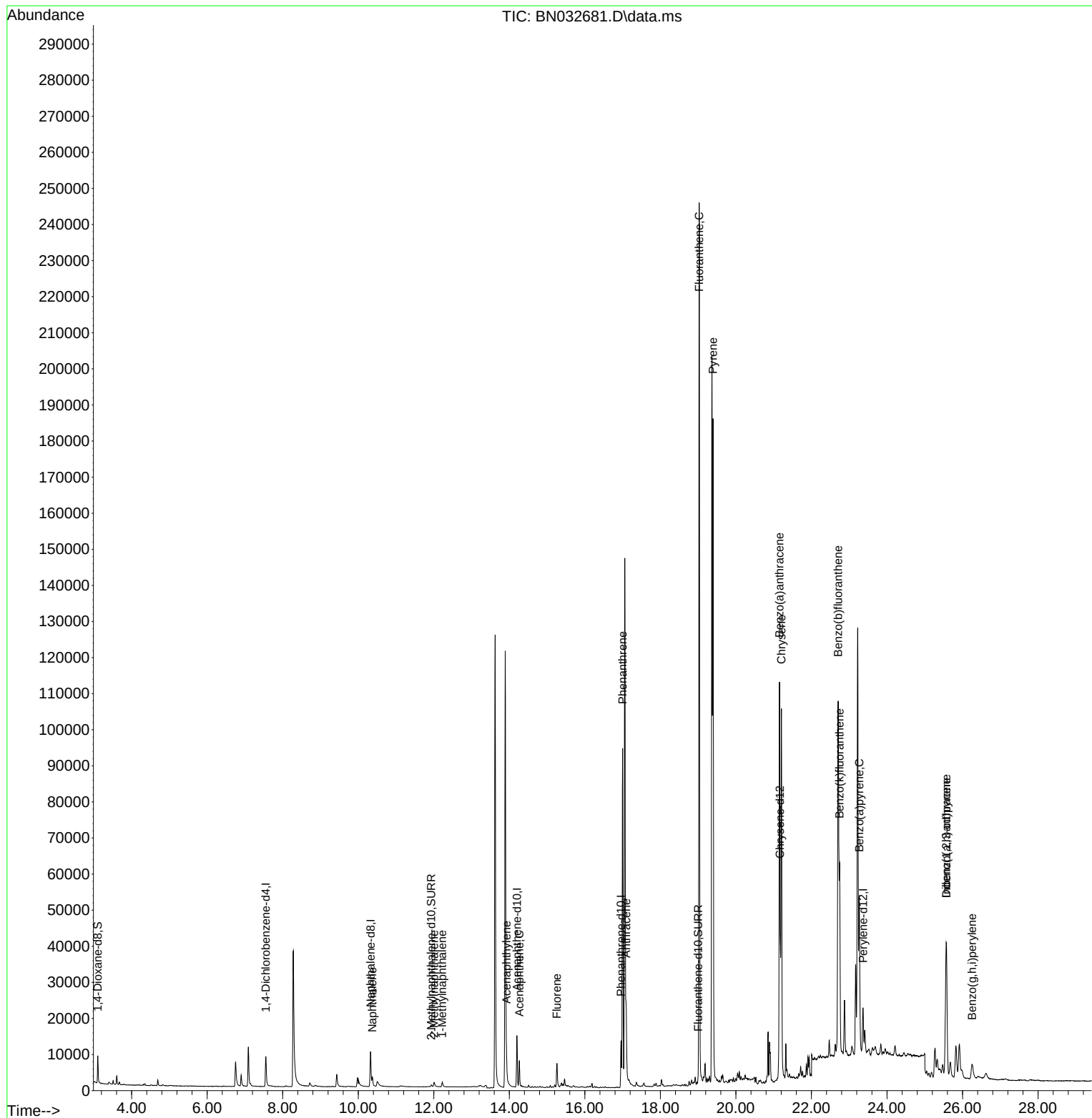
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032681.D
Acq On : 12 Jul 2024 20:24
Operator : MA/JU
Sample : P3102-02DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

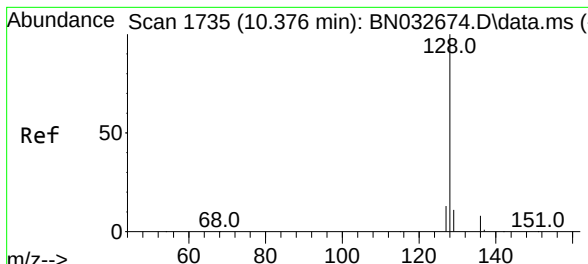
Instrument :
BNA_N
ClientSampleId :
A4CE1DL

Manual Integrations
APPROVED

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

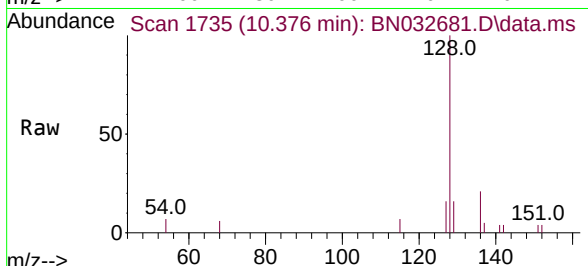
Quant Time: Jul 13 00:03:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

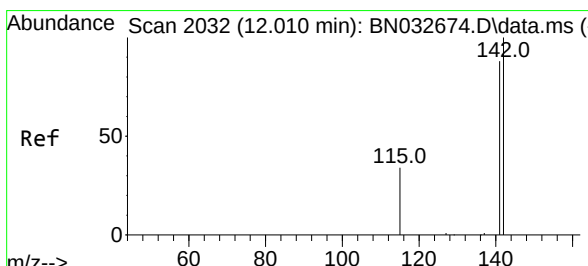
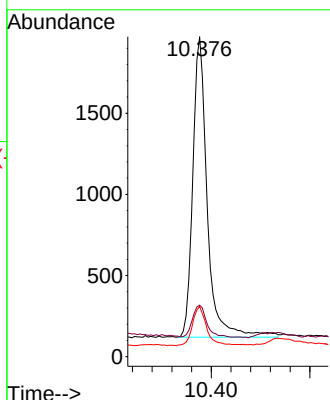
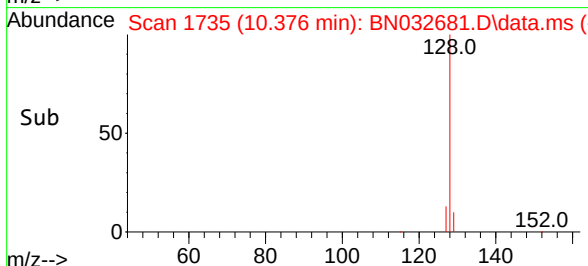
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:128 Resp: 376
Ion Ratio Lower Upper
128 100
129 16.1 10.0 15.0
127 15.7 11.6 17.4

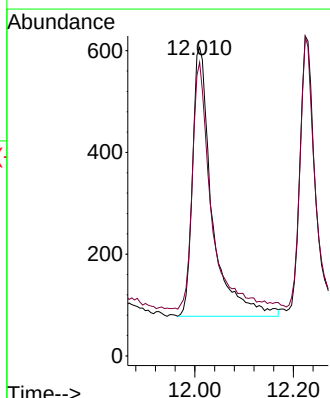
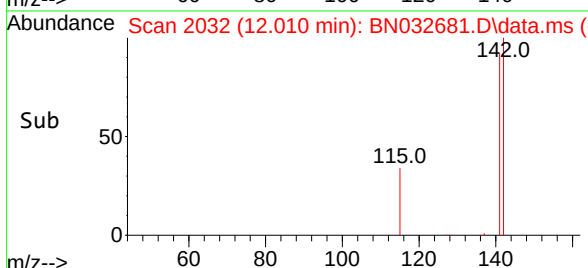
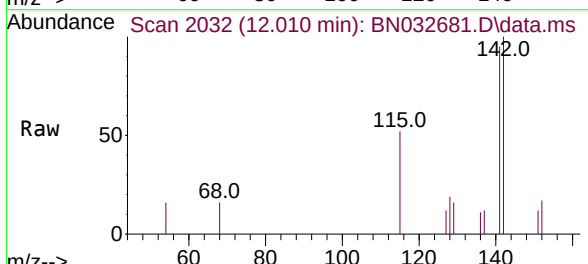
Manual Integrations
APPROVED

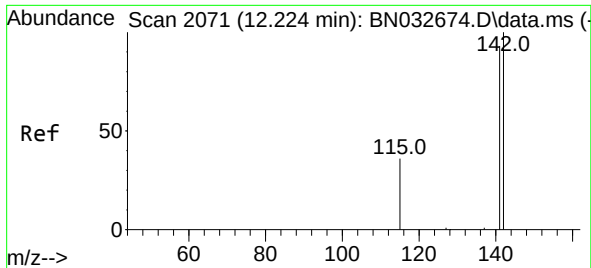
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.039 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

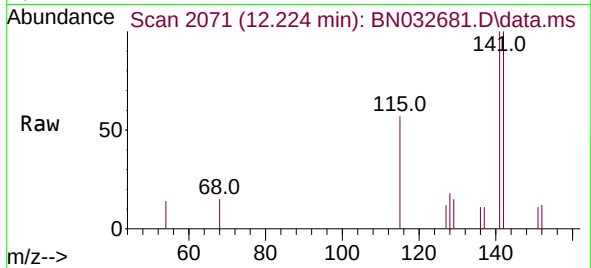
Tgt Ion:142 Resp: 1455
Ion Ratio Lower Upper
142 100
141 87.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.224 min Scan# 2071
Delta R.T. -0.022 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

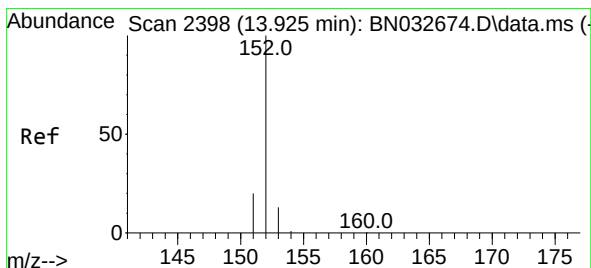
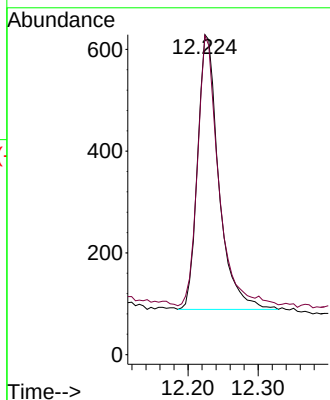
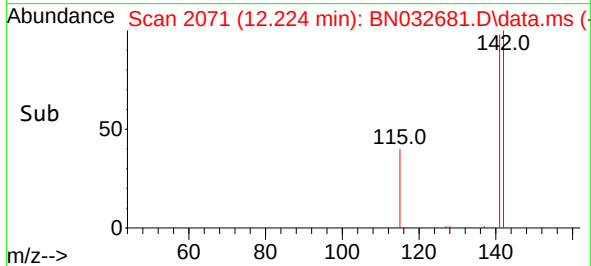
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:142 Resp: 1138
Ion Ratio Lower Upper
142 100
141 97.7 75.0 112.4

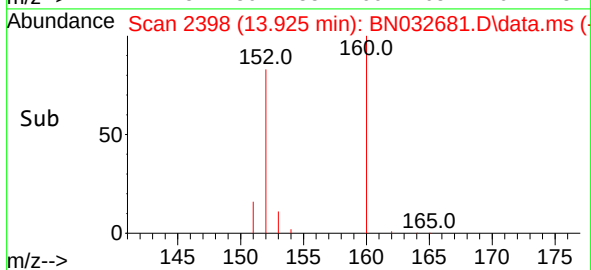
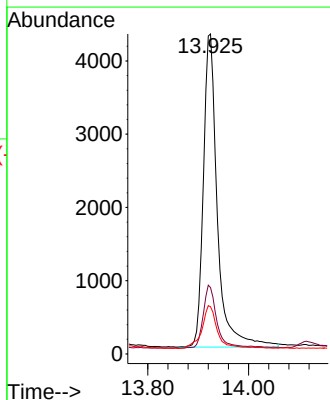
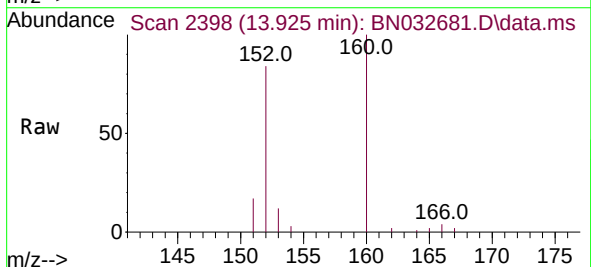
Manual Integrations
APPROVED

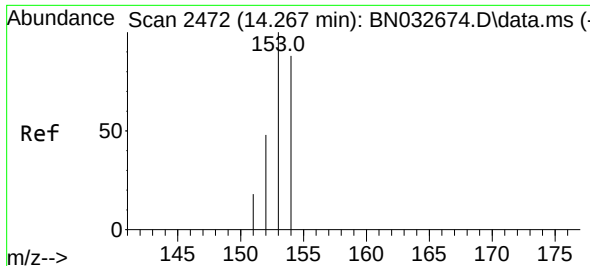
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.249 ng/ul
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

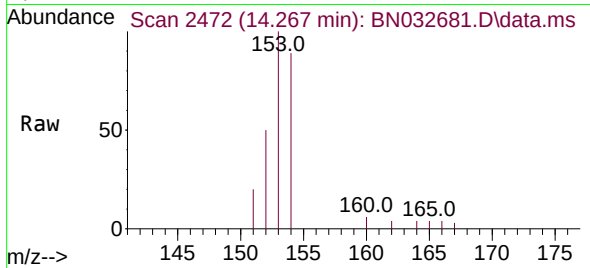
Tgt Ion:152 Resp: 8257
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 14.8 11.3 16.9





#11
Acenaphthene
Concen: 0.166 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

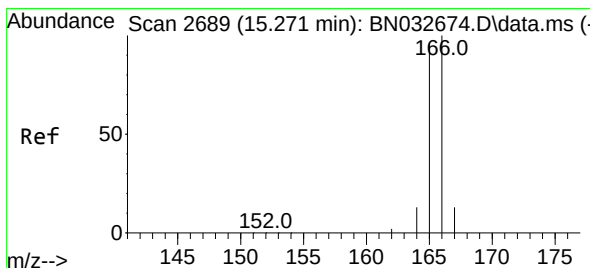
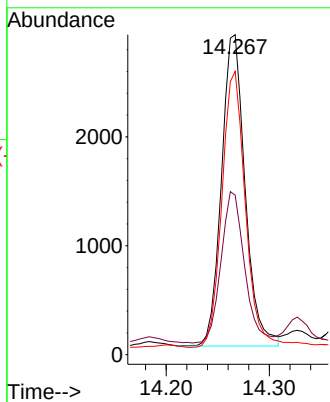
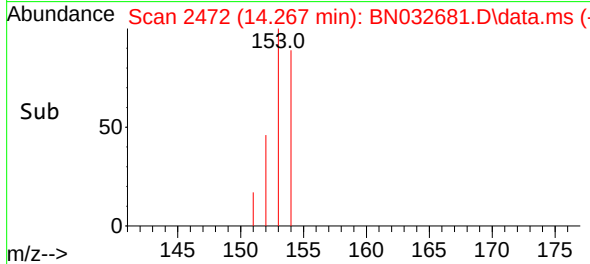
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:153 Resp: 4544
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 88.5 70.2 105.4

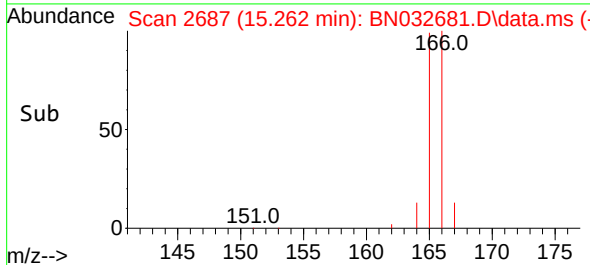
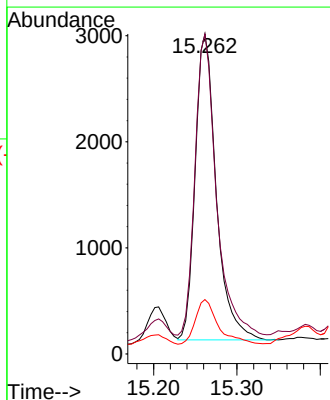
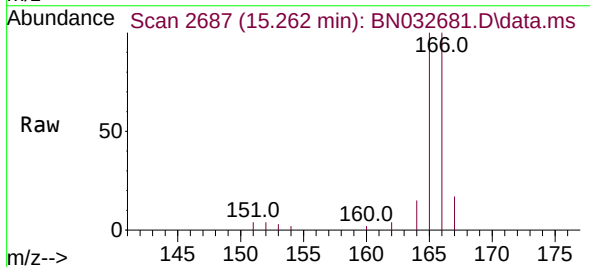
Manual Integrations
APPROVED

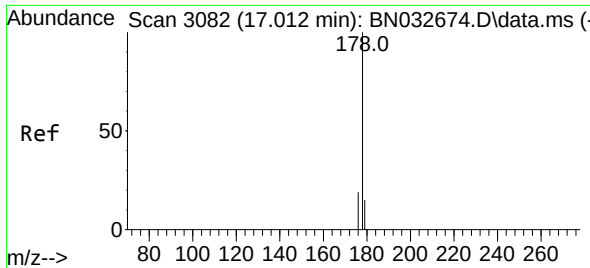
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.162 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

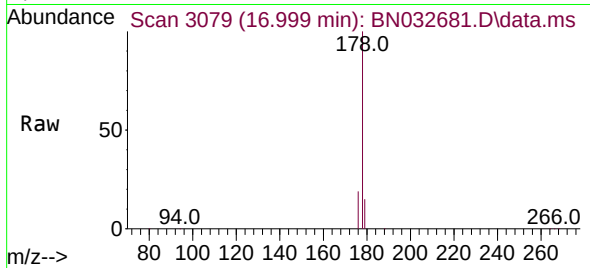
Tgt Ion:166 Resp: 5075
Ion Ratio Lower Upper
166 100
165 100.0 79.7 119.5
167 17.0 11.4 17.2





#15
Phenanthrene
Concen: 2.387 ng/uI
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

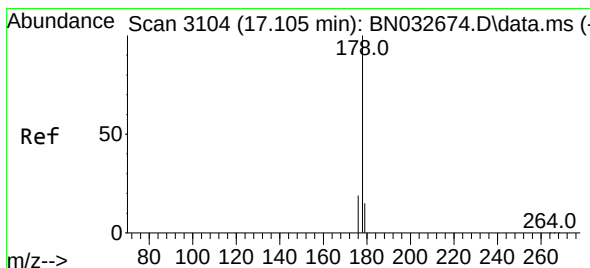
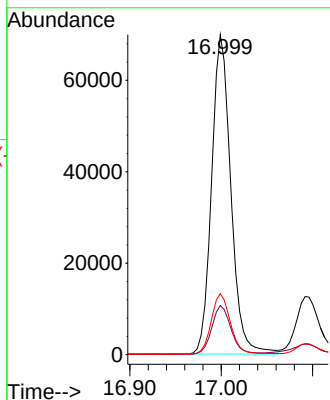
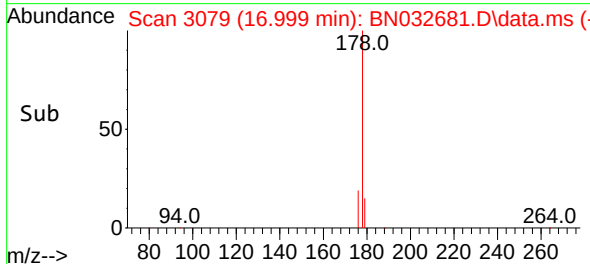
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



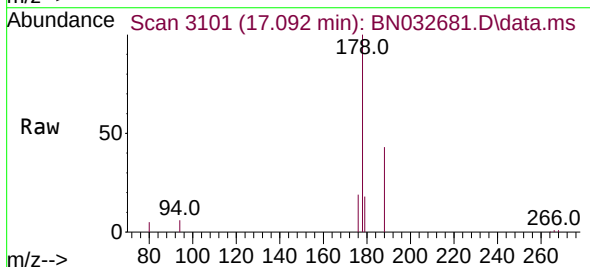
Tgt Ion:178 Resp: 102129
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 19.1 15.6 23.4

Manual Integrations
APPROVED

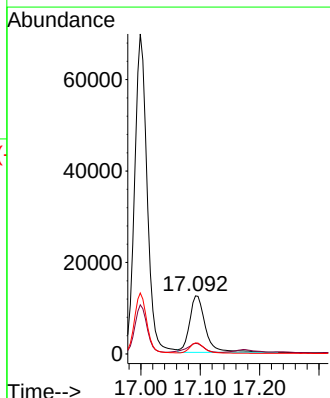
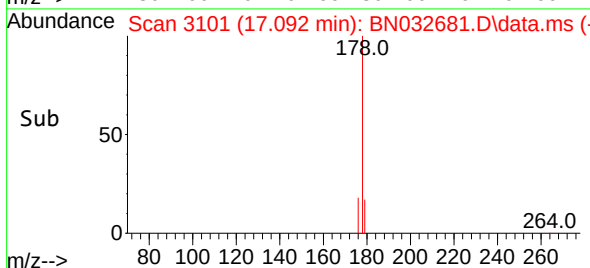
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

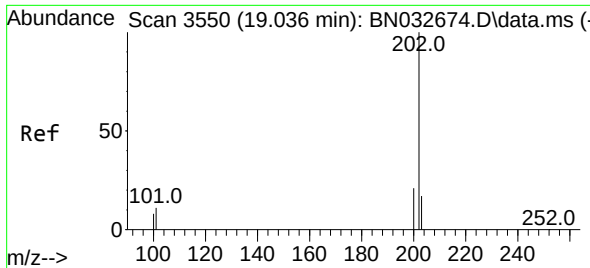


#16
Anthracene
Concen: 0.654 ng/uI
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24



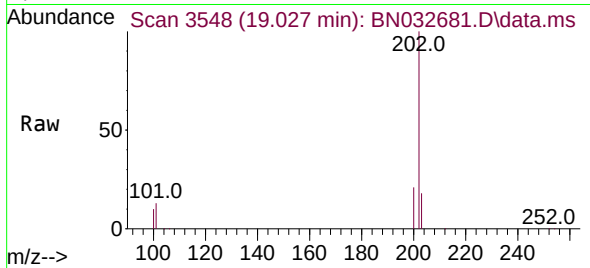
Tgt Ion:178 Resp: 22873
Ion Ratio Lower Upper
178 100
179 18.3 13.4 20.2
176 19.1 15.4 23.0





#19
Fluoranthene
Concen: 3.702 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

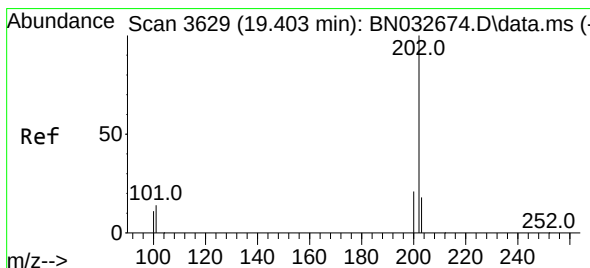
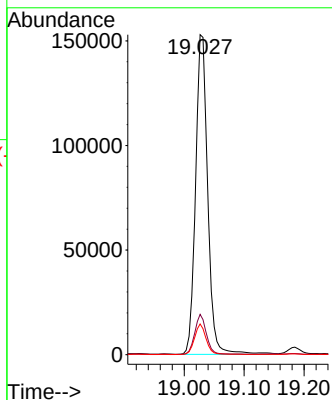
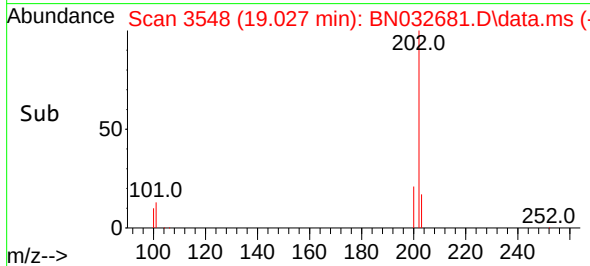
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:202 Resp: 215220
Ion Ratio Lower Upper
202 100
101 12.6 9.8 14.8
100 9.6 7.9 11.9

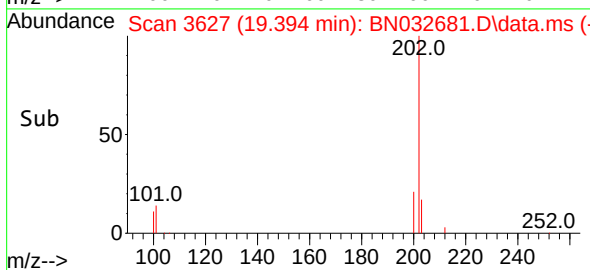
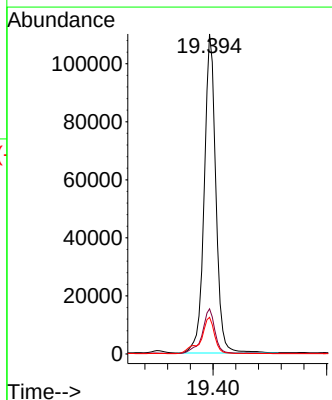
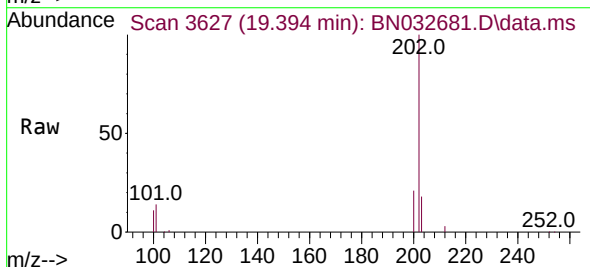
Manual Integrations
APPROVED

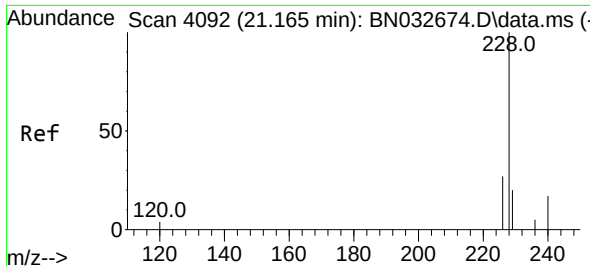
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 2.590 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

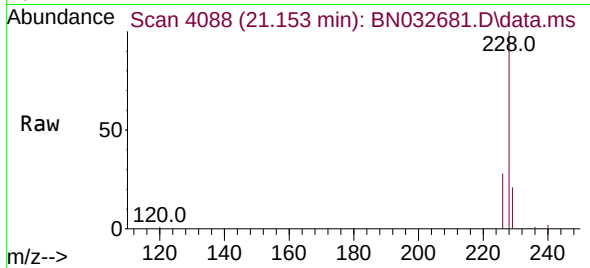
Tgt Ion:202 Resp: 155822
Ion Ratio Lower Upper
202 100
101 14.1 11.8 17.6
100 11.5 9.6 14.4





#21
Benzo(a)anthracene
Concen: 2.142 ng/ul
RT: 21.153 min Scan# 4092
Delta R.T. -0.029 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

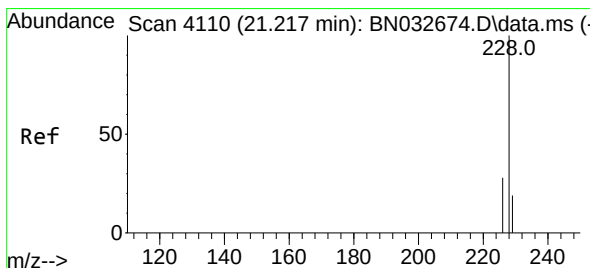
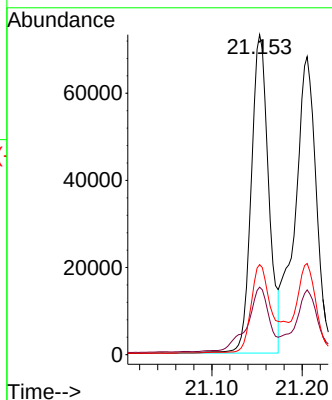
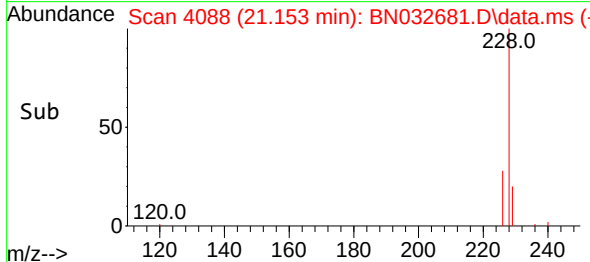
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:228 Resp: 9748
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 28.2 21.9 32.9

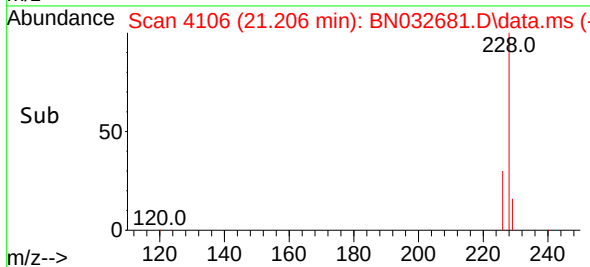
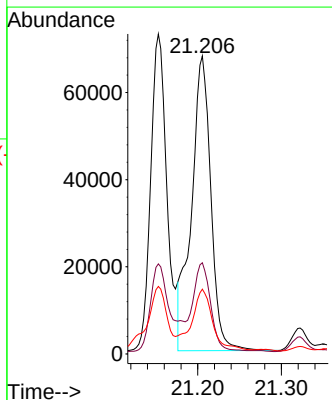
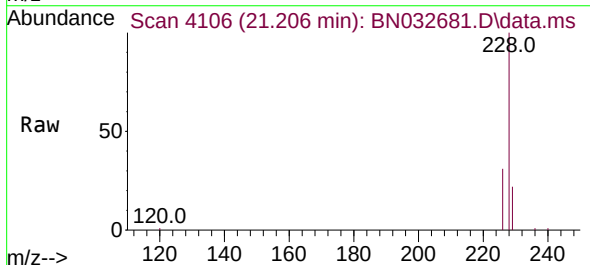
Manual Integrations
APPROVED

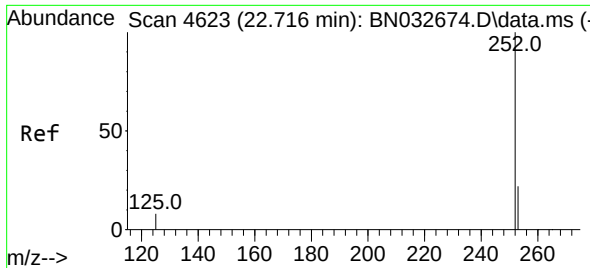
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 1.660 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

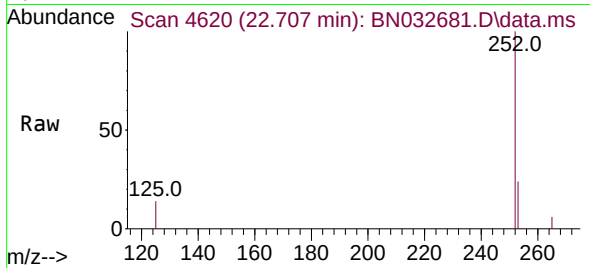
Tgt Ion:228 Resp: 109288
Ion Ratio Lower Upper
228 100
226 30.6 24.0 36.0
229 21.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 2.721 ng/ul m
RT: 22.707 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

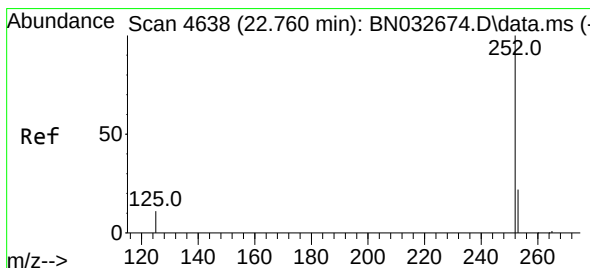
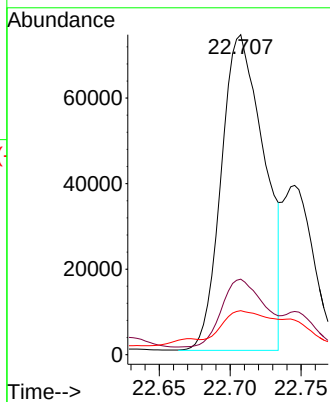
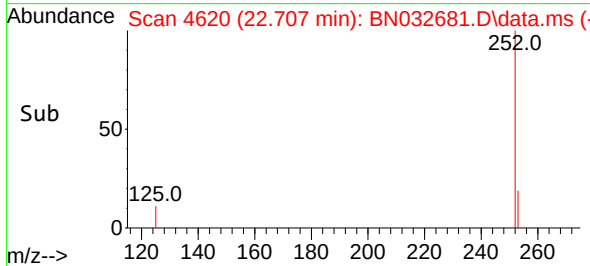
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



Tgt Ion:252 Resp: 155518
Ion Ratio Lower Upper
252 100
253 23.6 0.0 54.0
125 13.7 0.0 36.0

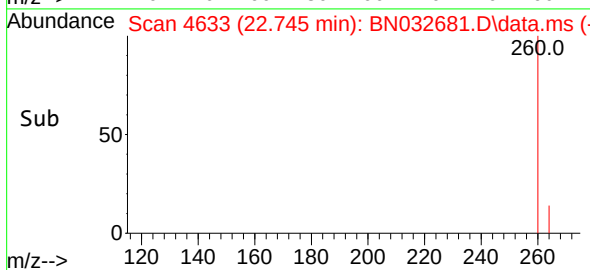
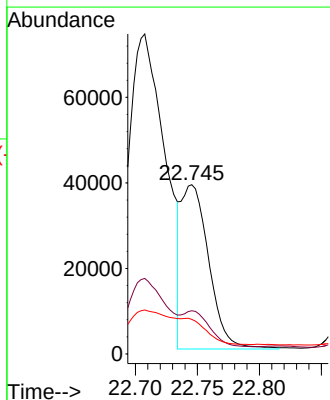
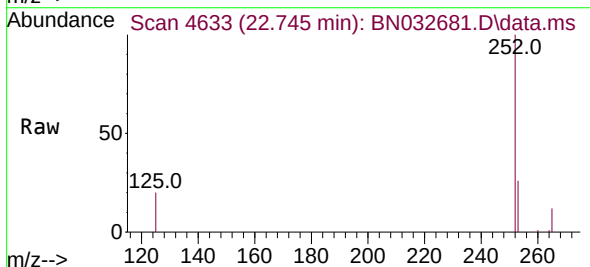
Manual Integrations
APPROVED

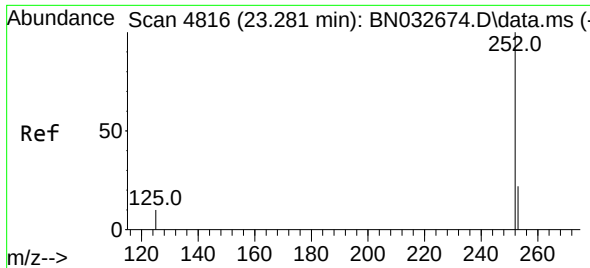
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.856 ng/ul m
RT: 22.745 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

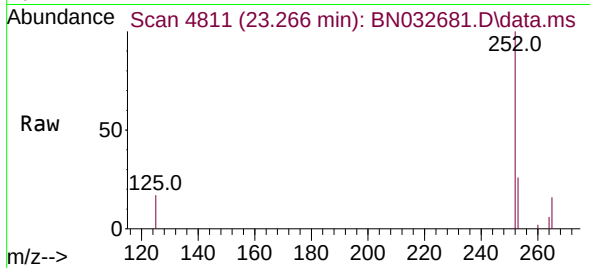
Tgt Ion:252 Resp: 59627
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 20.4 14.8 22.2





#26
Benzo(a)pyrene
Concen: 1.191 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

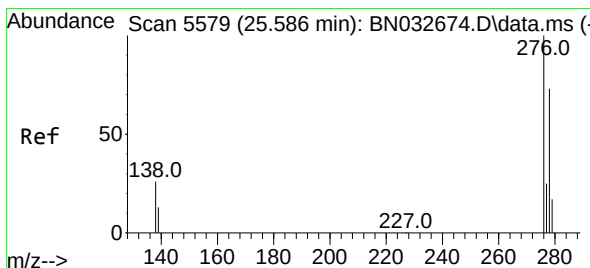
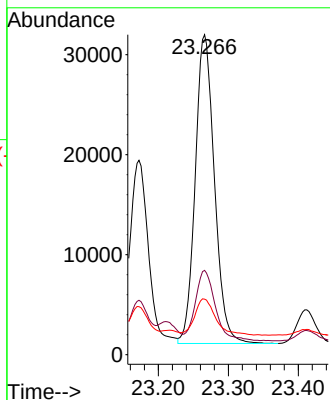
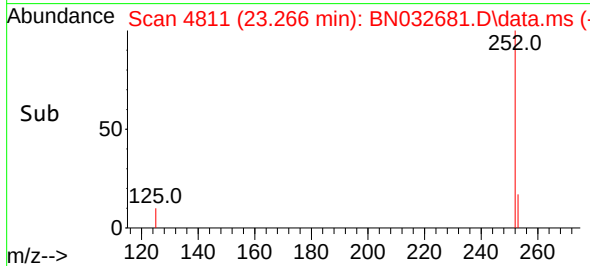
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



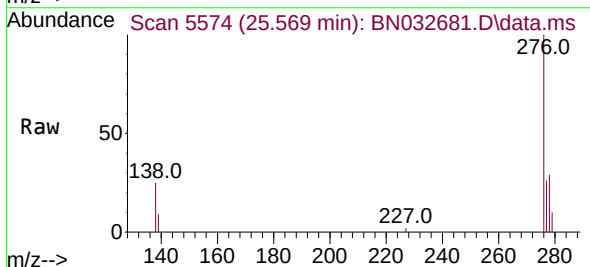
Tgt Ion:252 Resp: 5888
Ion Ratio Lower Upper
252 100
253 26.3 25.4 38.0
125 17.3 20.6 30.8

Manual Integrations
APPROVED

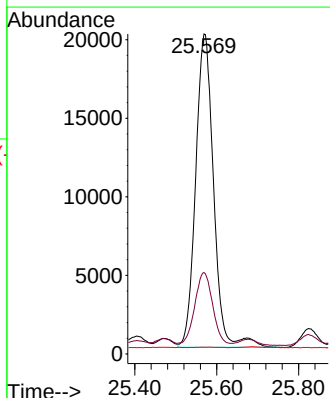
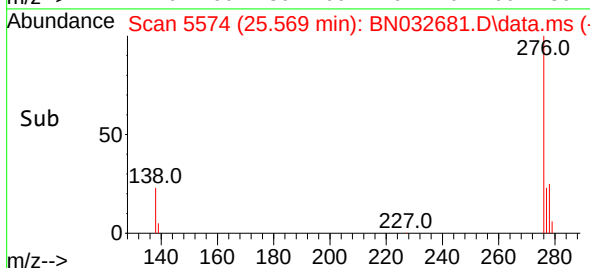
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

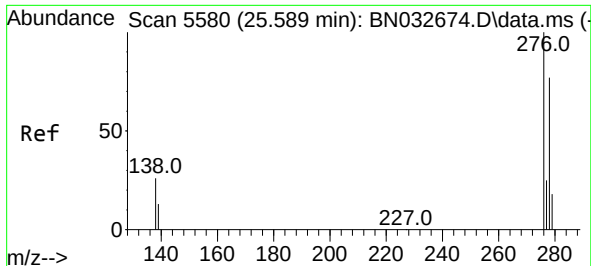


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.907 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24



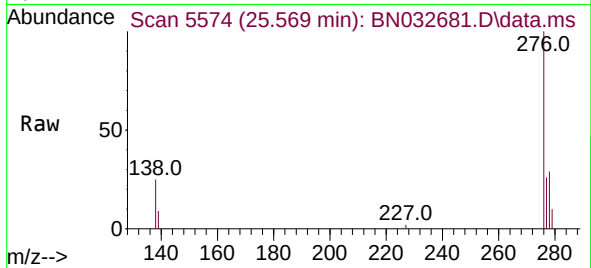
Tgt Ion:276 Resp: 60756
Ion Ratio Lower Upper
276 100
138 22.4 21.6 32.4
227 0.2 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.569 min Scan# 51
Delta R.T. -0.070 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24

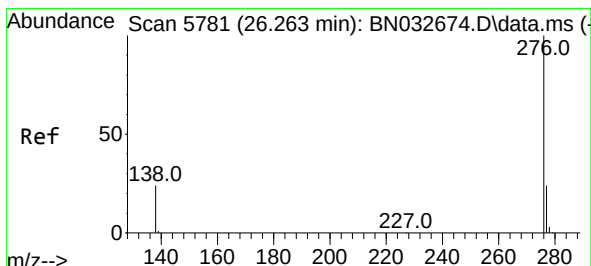
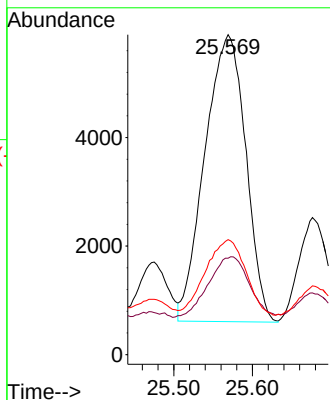
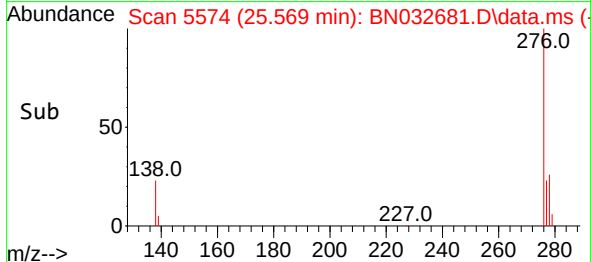
Instrument :
BNA_N
ClientSampleId :
A4CE1DL



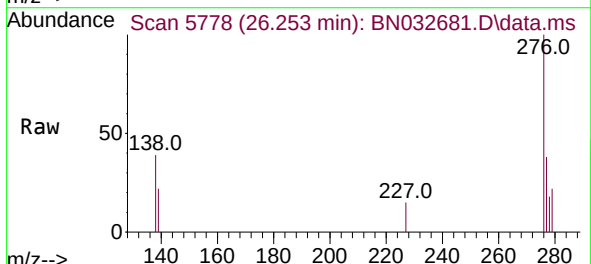
Tgt Ion:278 Resp: 1909
Ion Ratio Lower Upper
278 100
139 30.1 16.6 24.8
279 35.9 23.7 35.5

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.152 ng/ul
RT: 26.253 min Scan# 5778
Delta R.T. -0.047 min
Lab File: BN032681.D
Acq: 12 Jul 2024 20:24



Tgt Ion:276 Resp: 8483
Ion Ratio Lower Upper
276 100
138 39.2 21.0 31.4#
277 38.0 20.6 31.0#

