

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032684.D
 Acq On : 12 Jul 2024 22:12
 Operator : MA/JU
 Sample : P3035-11DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CY1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 13 00:04:10 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	6018	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	17596	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8979	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.957	188	16002	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	14532	0.400	ng/ul	-0.03
23) Perylene-d12	23.360	264	18121	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.106	96	4172	0.577	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	1054	0.040	ng/ul	-0.04
18) Fluoranthene-d10	18.999	212	1951	0.041	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	3121	0.066	ng/ul#	92
7) 2-Methylnaphthalene	12.010	142	956	0.032	ng/ul	95
8) 1-Methylnaphthalene	12.230	142	739	0.024	ng/ul	98
10) Acenaphthylene	13.920	152	6409	0.177	ng/ul	97
11) Acenaphthene	14.262	153	2306	0.077	ng/ul	98
12) Fluorene	15.262	166	2724	0.079	ng/ul#	98
15) Phenanthrene	16.999	178	61151	1.403	ng/ul	99
16) Anthracene	17.092	178	12332	0.346	ng/ul	96
19) Fluoranthene	19.027	202	140867	2.384	ng/ul	99
20) Pyrene	19.394	202	106063	1.734	ng/ul	98
21) Benzo(a)anthracene	21.150	228	64113	1.386	ng/ul	98
22) Chrysene	21.203	228	75784	1.133	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	110427m	1.727	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	38424m	0.493	ng/ul	
26) Benzo(a)pyrene	23.266	252	40512	0.732	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.569	276	42278	0.564	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.566	278	13095	0.225	ng/ul#	79
29) Benzo(g,h,i)perylene	26.250	276	6007	0.096	ng/ul#	69

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

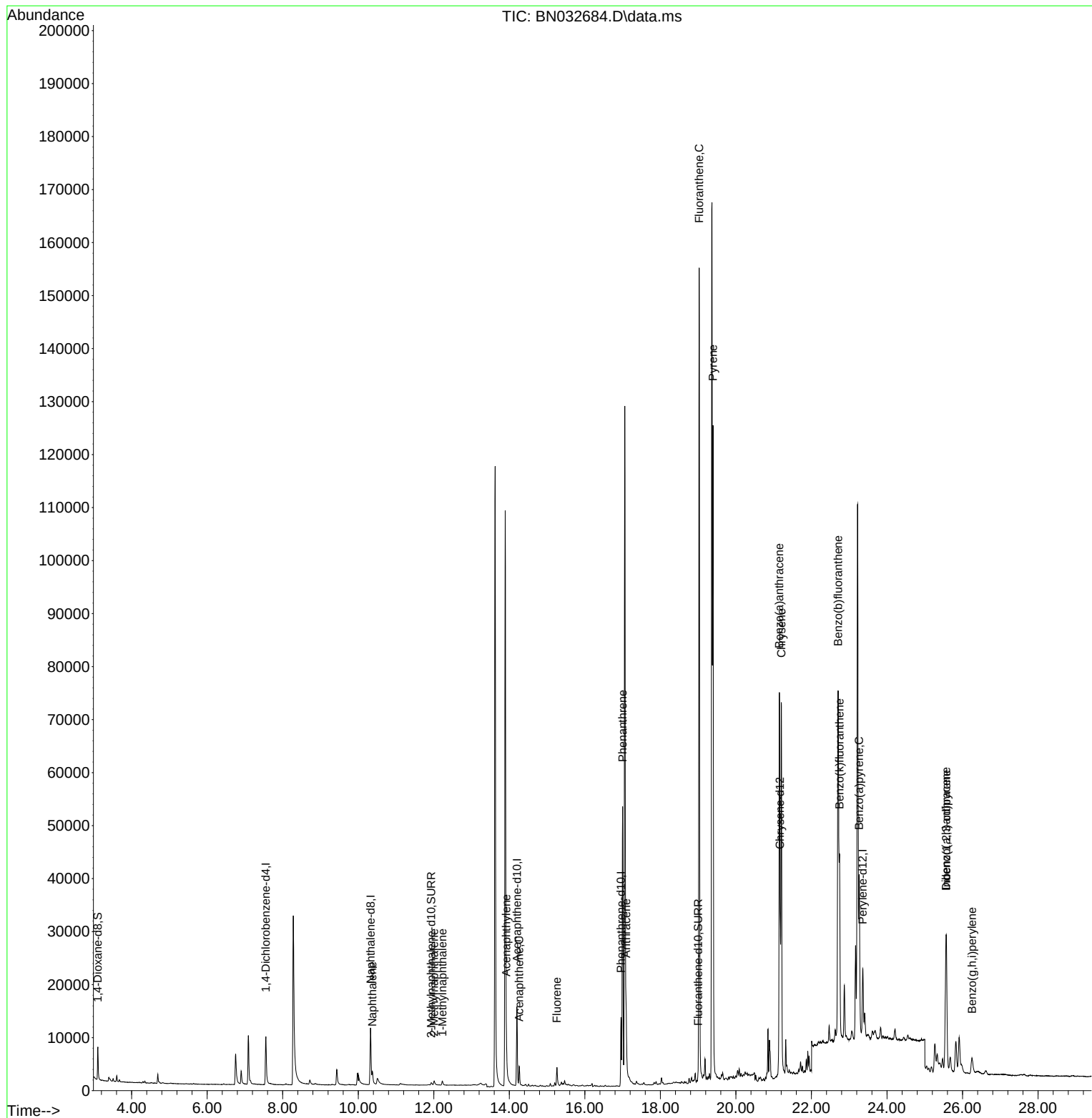
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032684.D
Acq On : 12 Jul 2024 22:12
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ALS Vial : 23 Sample Multiplier: 1

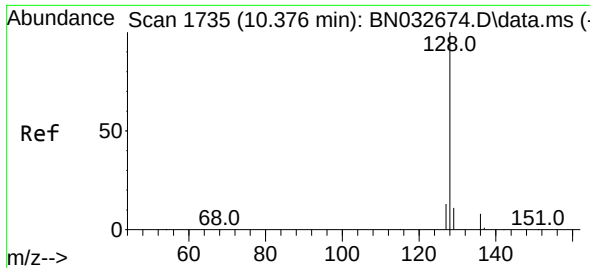
Instrument :
BNA_N
ClientSampleId :
A4CY1DL

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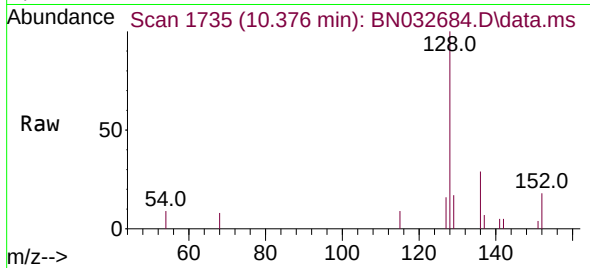
Quant Time: Jul 13 00:04:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

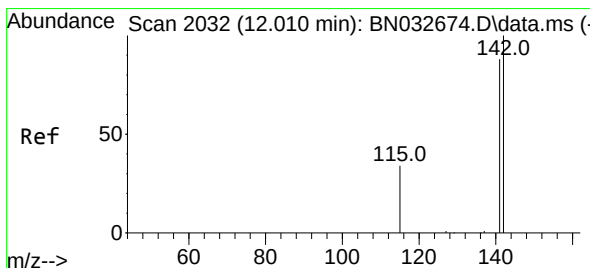
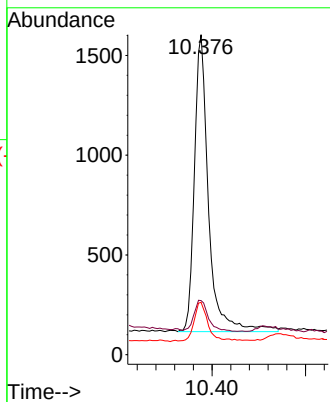
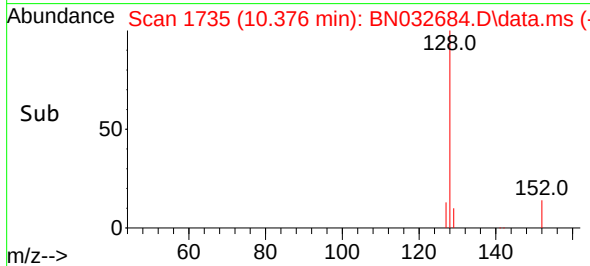
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:128 Resp: 312
Ion Ratio Lower Upper
128 100
129 16.9 10.0 15.0
127 16.3 11.6 17.4

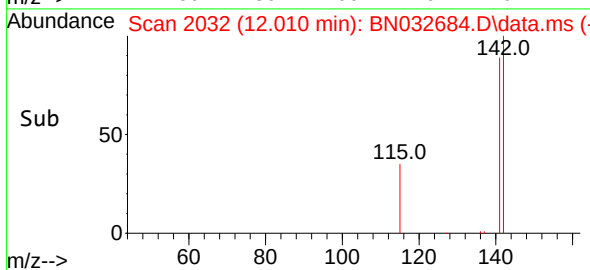
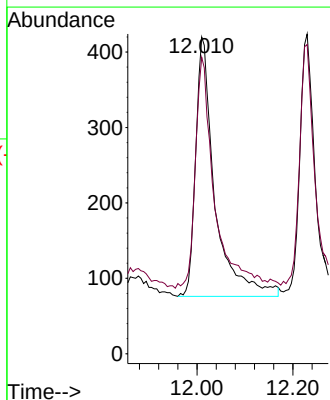
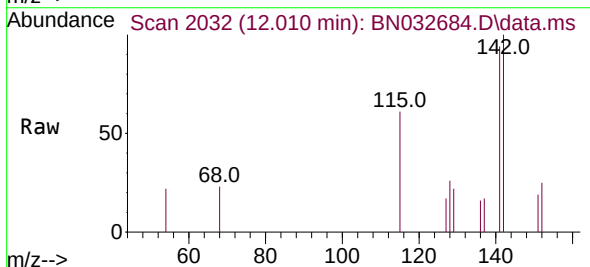
Manual Integrations
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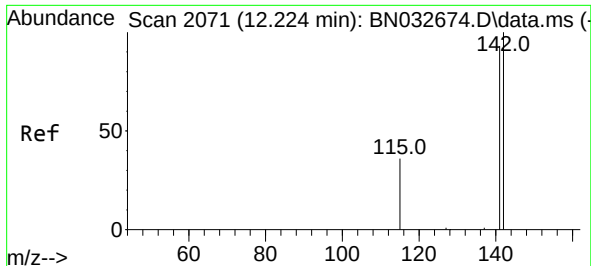
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.010 min Scan# 2032
Delta R.T. -0.038 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

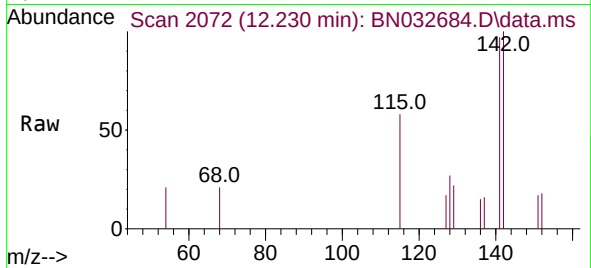
Tgt Ion:142 Resp: 956
Ion Ratio Lower Upper
142 100
141 88.1 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.230 min Scan# 2072
Delta R.T. -0.016 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

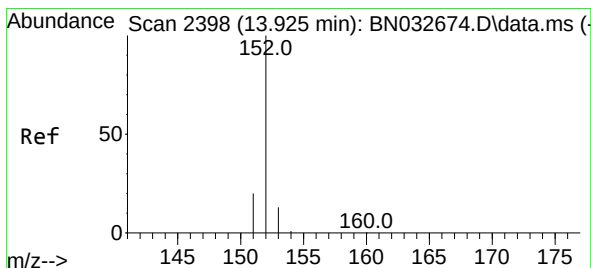
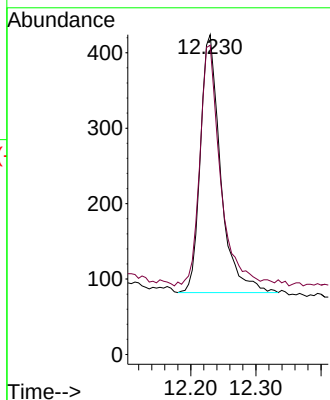
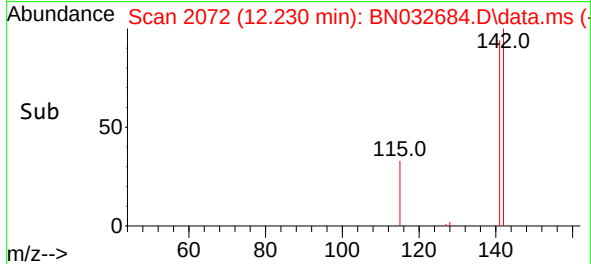
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:142 Resp: 739
Ion Ratio Lower Upper
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141 95.7 75.0 112.4

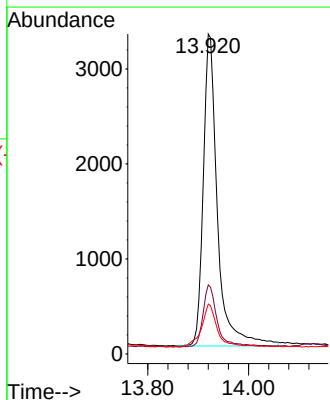
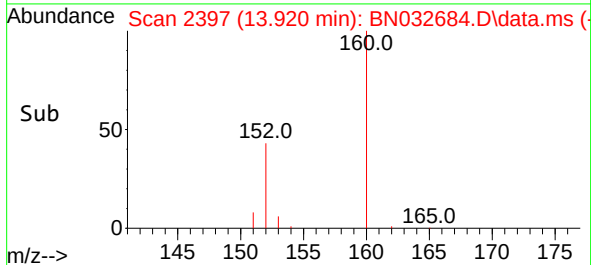
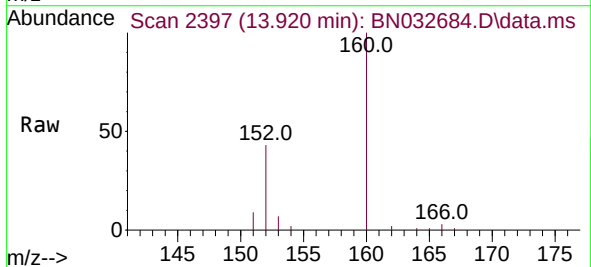
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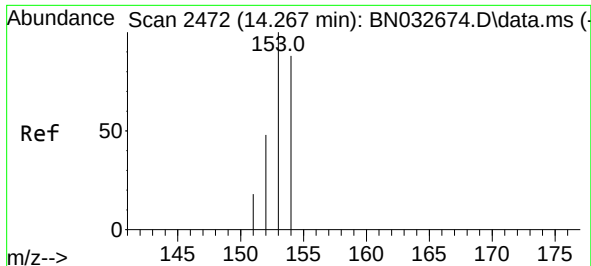
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.177 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

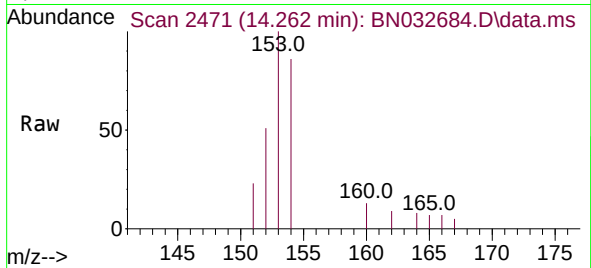
Tgt Ion:152 Resp: 6409
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 15.6 11.3 16.9





#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

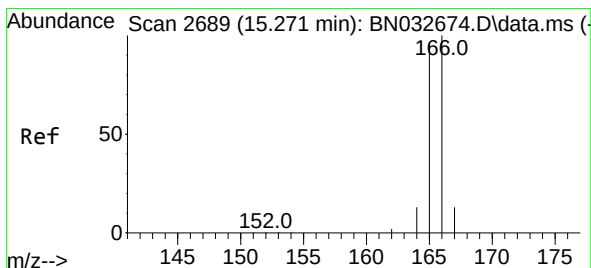
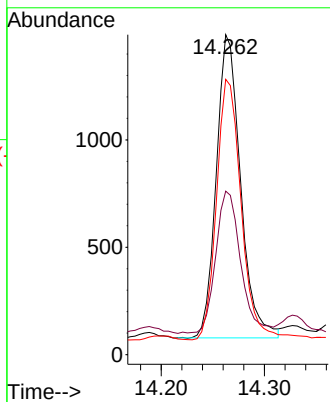
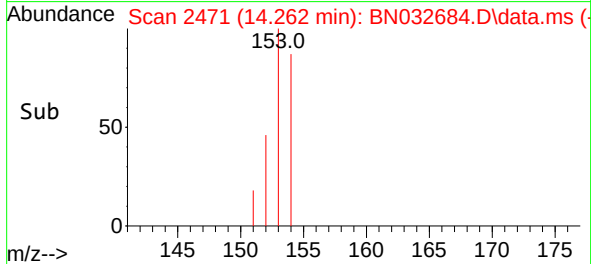
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:153 Resp: 2300
Ion Ratio Lower Upper
153 100
152 51.1 40.0 60.0
154 86.0 70.2 105.4

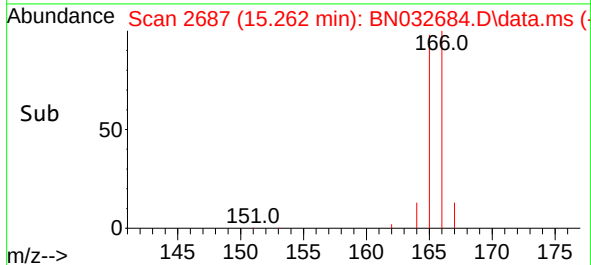
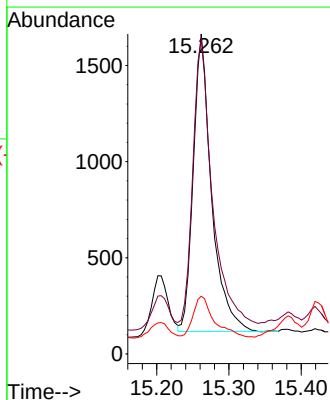
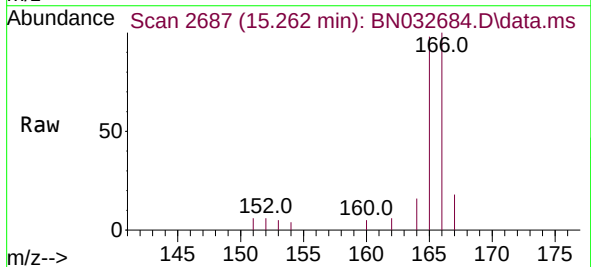
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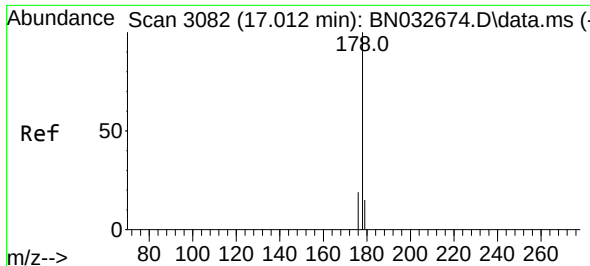
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

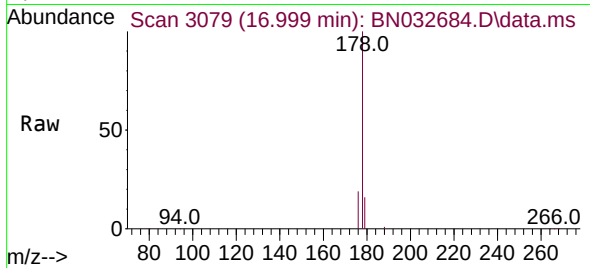
Tgt Ion:166 Resp: 2724
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 18.0 11.4 17.2#





#15
Phenanthrene
Concen: 1.403 ng/u1
RT: 16.999 min Scan# 3082
Delta R.T. -0.029 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

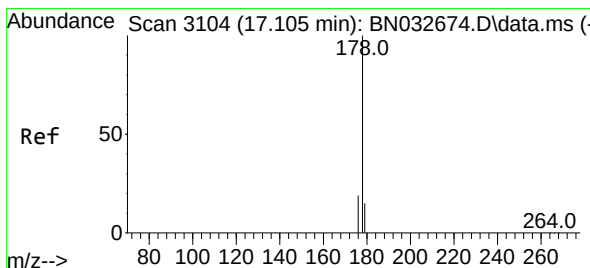
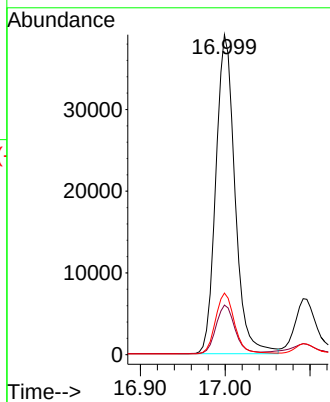
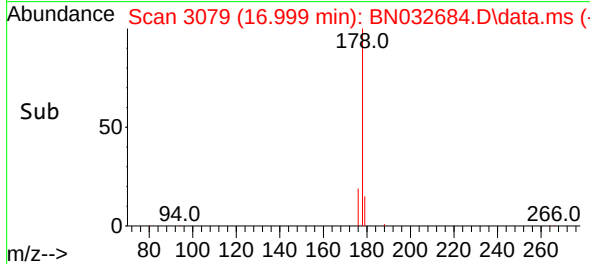
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:178 Resp: 6115
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.2 15.6 23.4

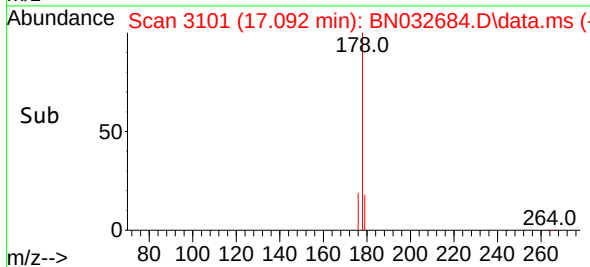
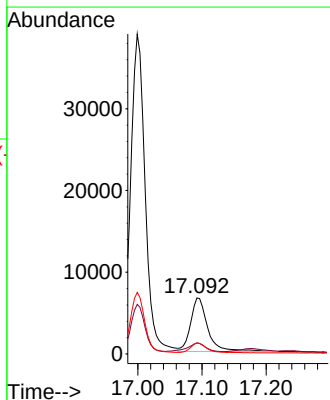
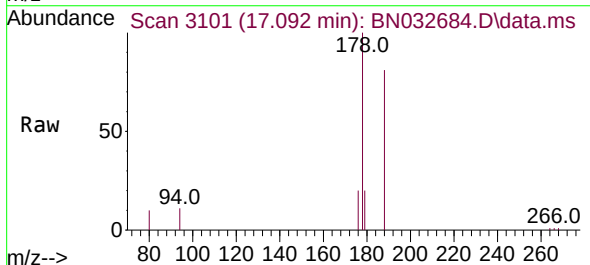
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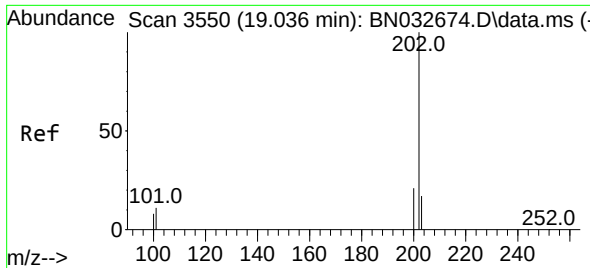
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#16
Anthracene
Concen: 0.346 ng/u1
RT: 17.092 min Scan# 3101
Delta R.T. -0.046 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

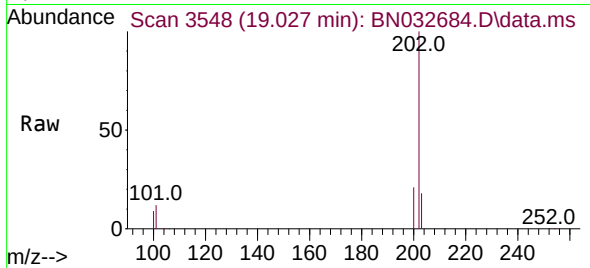
Tgt Ion:178 Resp: 12332
Ion Ratio Lower Upper
178 100
179 19.7 13.4 20.2
176 19.7 15.4 23.0





#19
Fluoranthene
Concen: 2.384 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

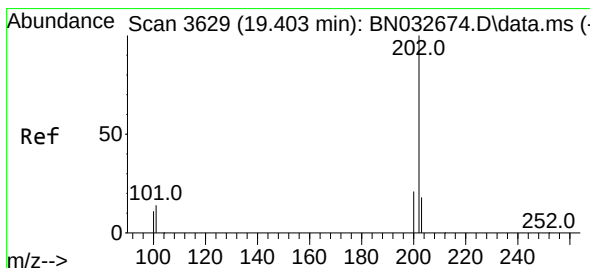
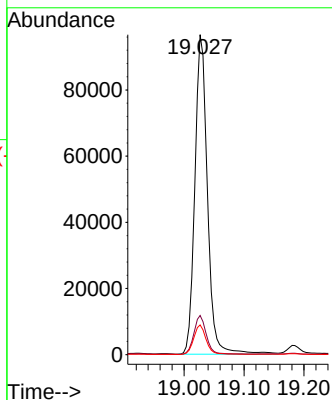
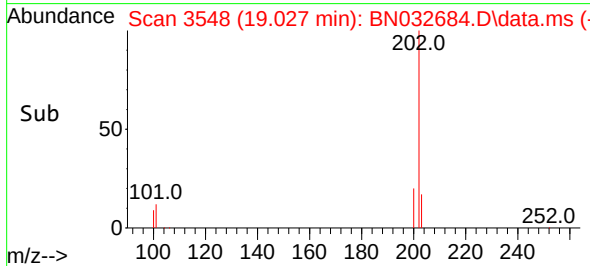
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



Tgt Ion:202 Resp: 14086
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.8
100 9.3 7.9 11.9

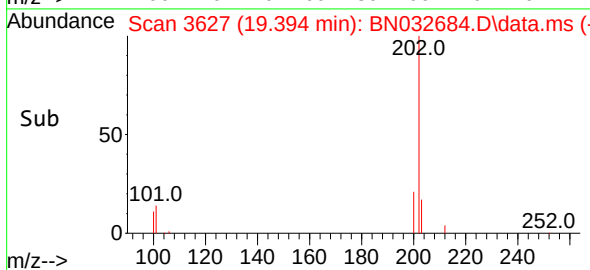
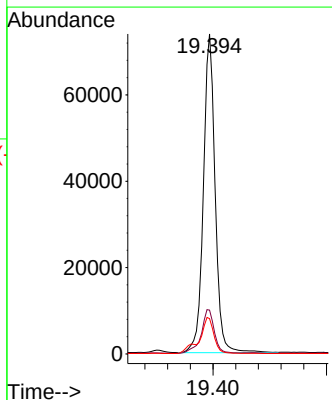
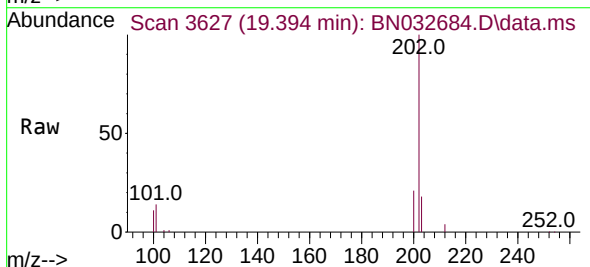
Manual Integrations
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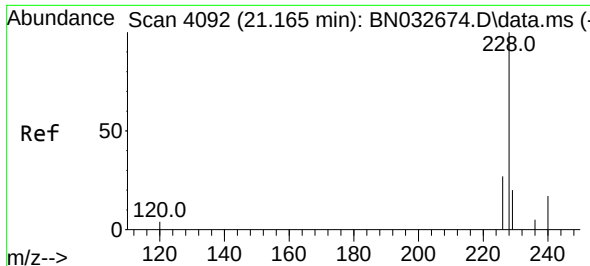
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.734 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

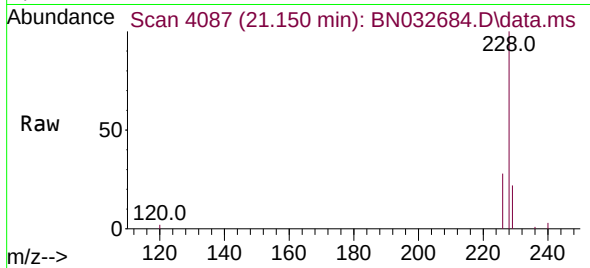
Tgt Ion:202 Resp: 106063
Ion Ratio Lower Upper
202 100
101 13.7 11.8 17.6
100 11.0 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.386 ng/ul
RT: 21.150 min Scan# 4092
Delta R.T. -0.032 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

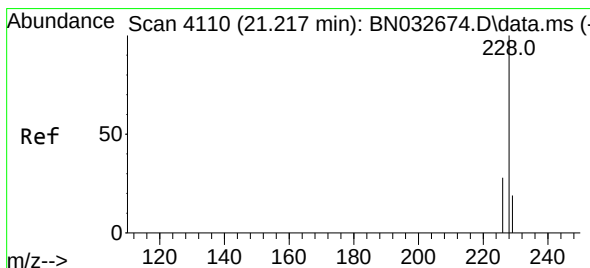
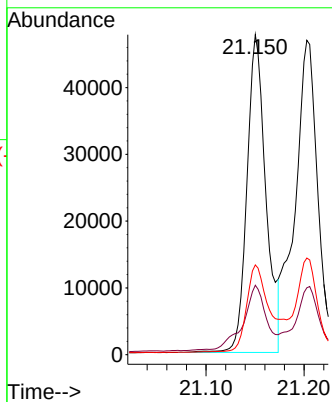
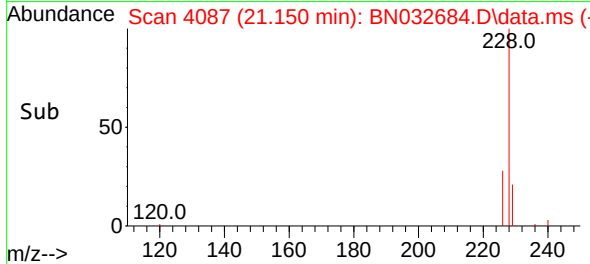
Instrument :
BNA_N
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A4CY1DL



Tgt Ion:228 Resp: 64111
Ion Ratio Lower Upper
228 100
229 21.7 16.1 24.1
226 28.1 21.9 32.9

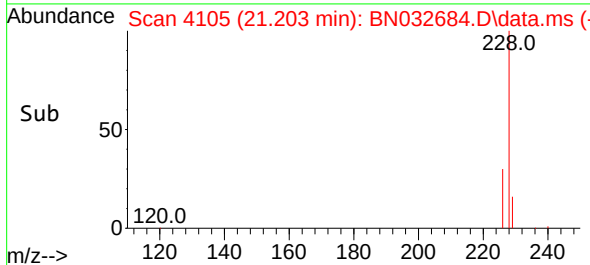
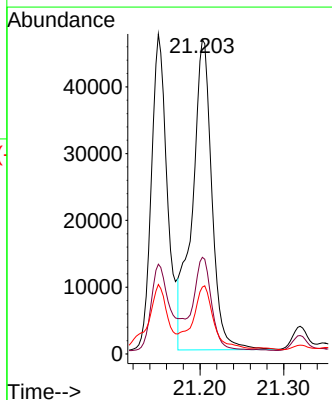
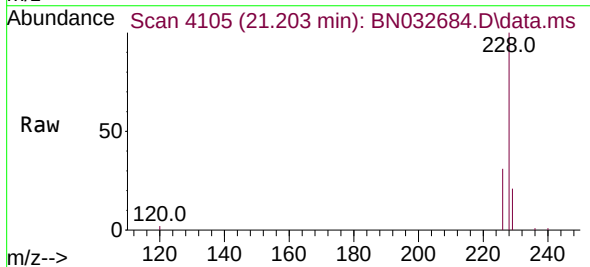
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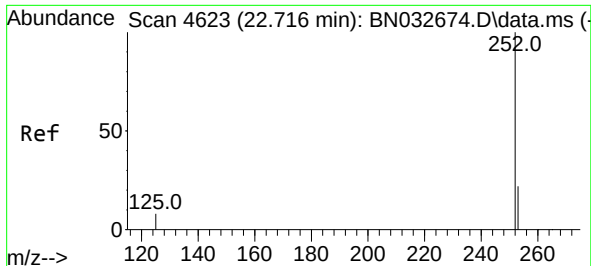
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 1.133 ng/ul
RT: 21.203 min Scan# 4105
Delta R.T. -0.029 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

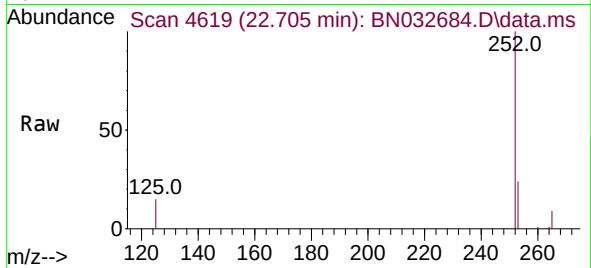
Tgt Ion:228 Resp: 75784
Ion Ratio Lower Upper
228 100
226 30.7 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.727 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

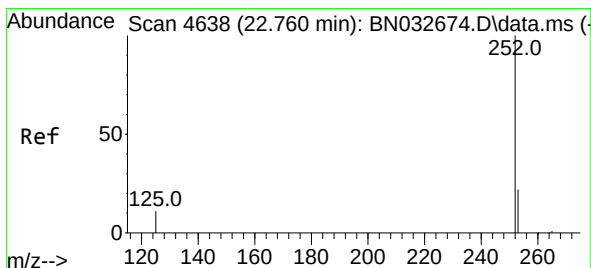
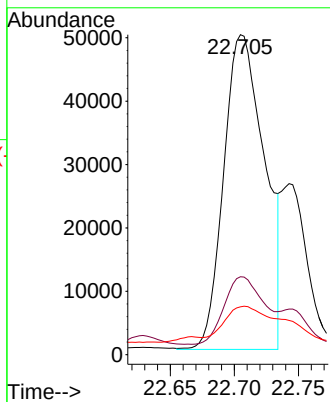
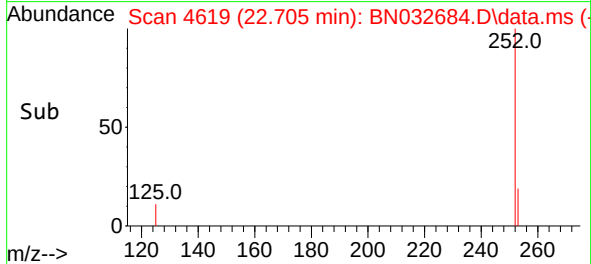
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ClientSampleId :
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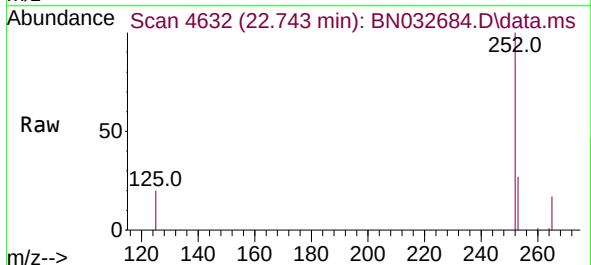
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Ion Ratio Lower Upper
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125 14.9 0.0 36.0

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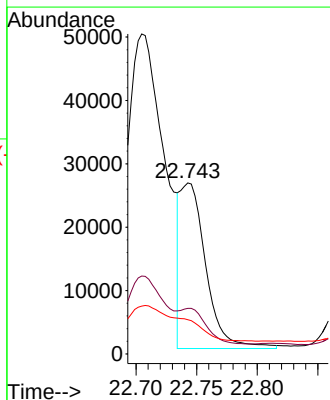
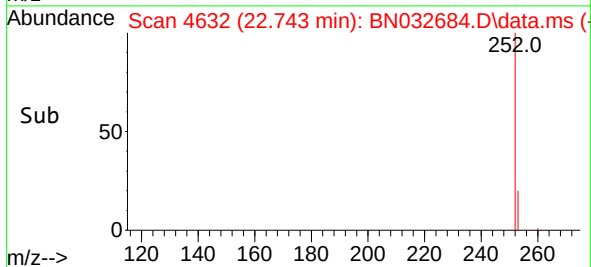
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

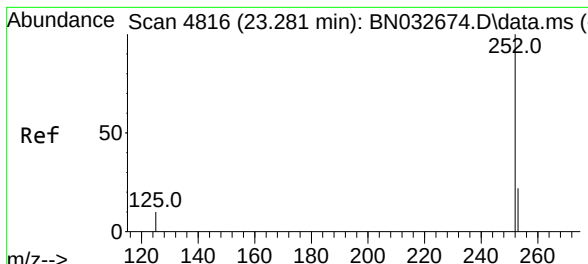


#25
Benzo(k)fluoranthene
Concen: 0.493 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12



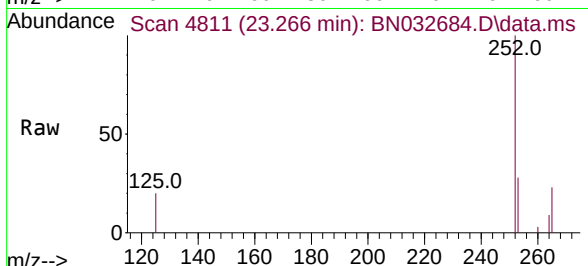
Tgt Ion:252 Resp: 38424
Ion Ratio Lower Upper
252 100
253 26.7 21.2 31.8
125 20.1 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.732 ng/ul
RT: 23.266 min Scan# 4816
Delta R.T. -0.044 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12

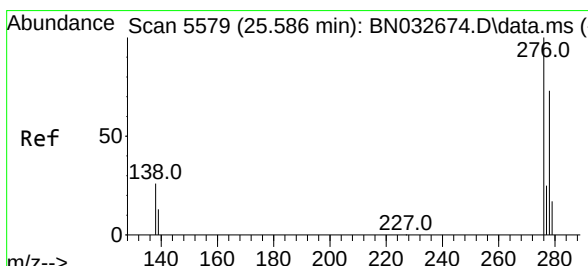
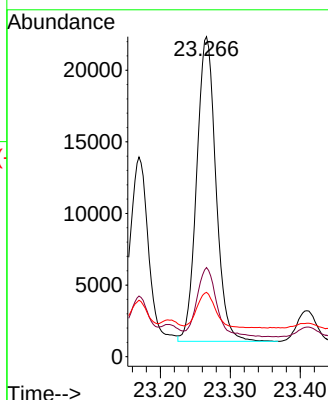
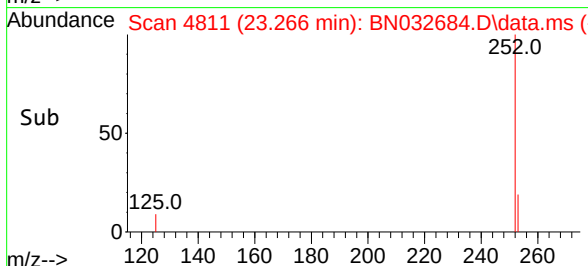
Instrument :
BNA_N
ClientSampleId :
A4CY1DL



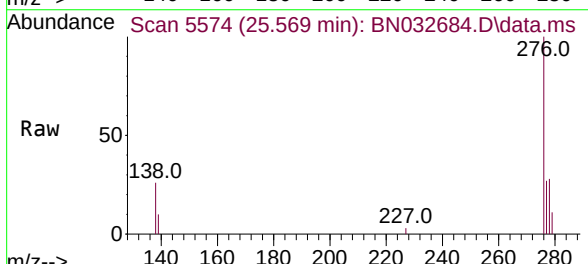
Tgt Ion:252 Resp: 40512
Ion Ratio Lower Upper
252 100
253 27.9 25.4 38.0
125 20.1 20.6 30.8

Manual Integrations
APPROVED

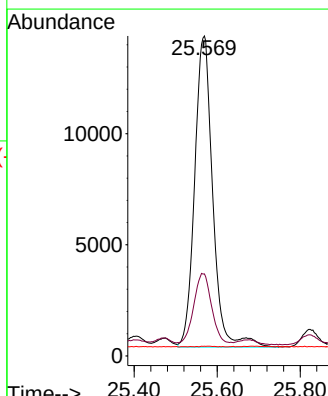
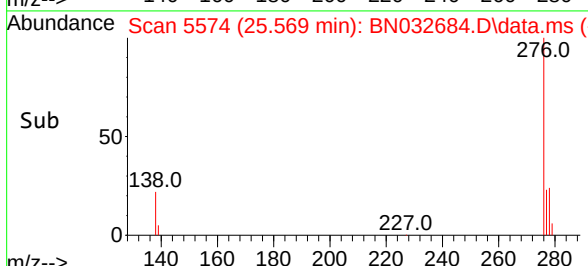
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

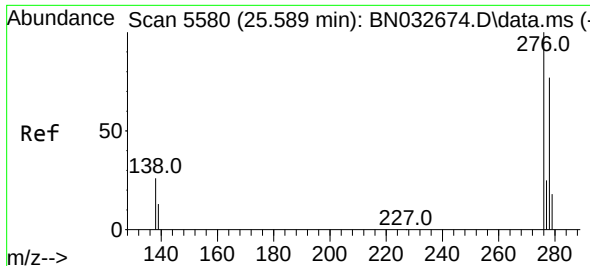


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.564 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032684.D
Acq: 12 Jul 2024 22:12



Tgt Ion:276 Resp: 42278
Ion Ratio Lower Upper
276 100
138 22.1 21.6 32.4
227 0.1 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.225 ng/ul

RT: 25.566 min Scan# 51

Delta R.T. -0.074 min

Lab File: BN032684.D

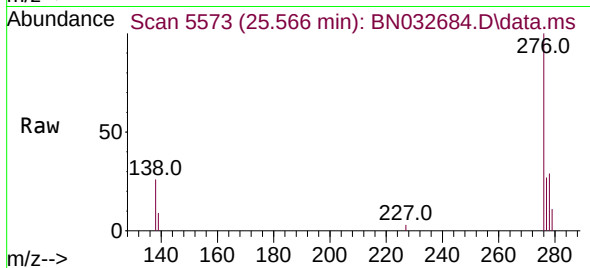
Acq: 12 Jul 2024 22:12

Instrument :

BNA_N

ClientSampleId :

A4CY1DL



Tgt Ion:278 Resp: 1309

Ion Ratio Lower Upper

278 100

139 32.2 16.6 24.8

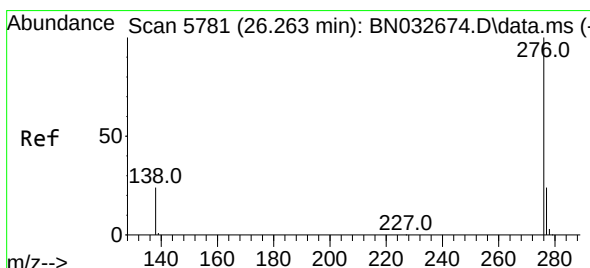
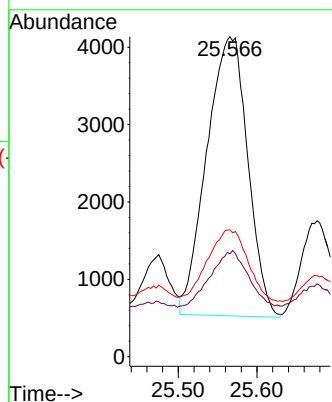
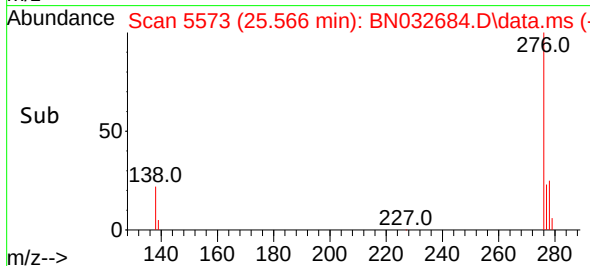
279 39.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.096 ng/ul

RT: 26.250 min Scan# 5777

Delta R.T. -0.050 min

Lab File: BN032684.D

Acq: 12 Jul 2024 22:12

Tgt Ion:276 Resp: 6007

Ion Ratio Lower Upper

276 100

138 42.1 21.0 31.4#

277 41.6 20.6 31.0#

