

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032685.D
 Acq On : 12 Jul 2024 22:49
 Operator : MA/JU
 Sample : P3035-15DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX0DL

Manual Integrations
 APPROVED

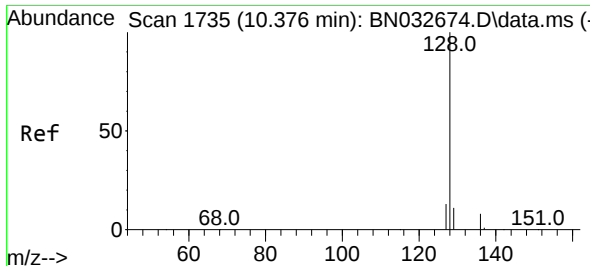
Reviewed By :Yogesh Patel 07/13/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 13 00:04:22 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)

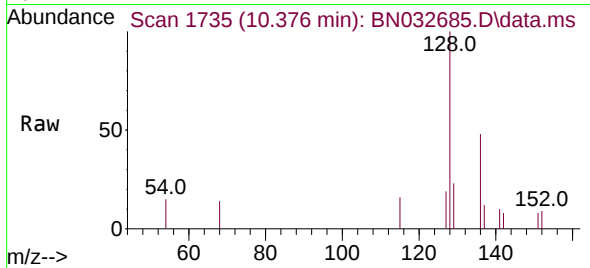
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	5292	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.327	136	15610	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.202	164	8281	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.961	188	14912	0.400	ng/ul	-0.03
17) Chrysene-d12	21.168	240	13437	0.400	ng/ul	-0.03
23) Perylene-d12	23.362	264	16551	0.400	ng/ul	#-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	5082	0.800	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.938	152	1178	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.999	212	2185	0.050	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1518	0.036	ng/ul#	82
10) Acenaphthylene	13.925	152	4181	0.125	ng/ul	95
11) Acenaphthene	14.267	153	1832	0.066	ng/ul	98
12) Fluorene	15.262	166	2387	0.075	ng/ul#	97
15) Phenanthrene	16.999	178	59438	1.464	ng/ul	99
16) Anthracene	17.096	178	10254	0.309	ng/ul	97
19) Fluoranthene	19.027	202	148425	2.717	ng/ul	99
20) Pyrene	19.394	202	104062	1.840	ng/ul	98
21) Benzo(a)anthracene	21.150	228	60150	1.406	ng/ul	98
22) Chrysene	21.203	228	76212	1.232	ng/ul	98
24) Benzo(b)fluoranthene	22.705	252	106406m	1.822	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	41066m	0.577	ng/ul	
26) Benzo(a)pyrene	23.266	252	37654	0.745	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.569	276	40987	0.599	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.566	278	12418	0.234	ng/ul#	78
29) Benzo(g,h,i)perylene	26.250	276	5735	0.100	ng/ul#	69

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



#5
Naphthalene
Concen: 0.036 ng/u1
RT: 10.376 min Scan# 1735
Delta R.T. -0.033 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

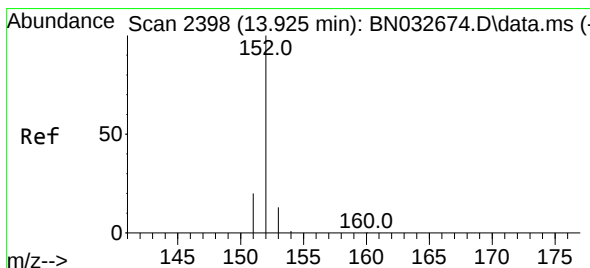
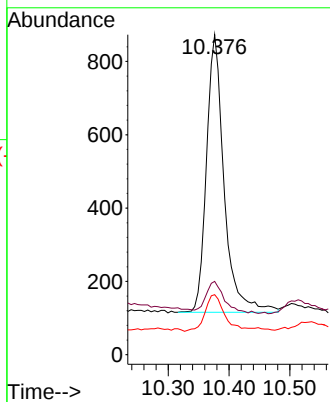
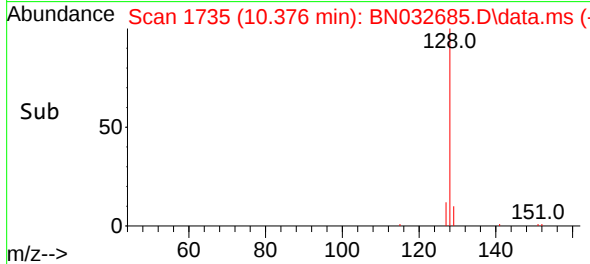
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



Tgt Ion:128 Resp: 1518
Ion Ratio Lower Upper
128 100
129 22.9 10.0 15.0
127 18.8 11.6 17.4

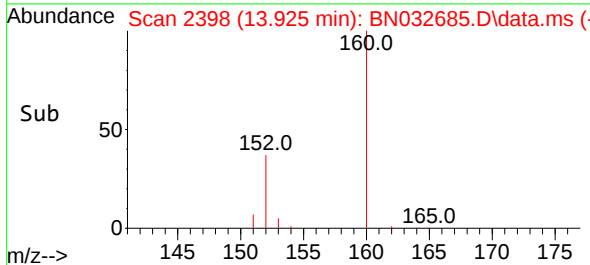
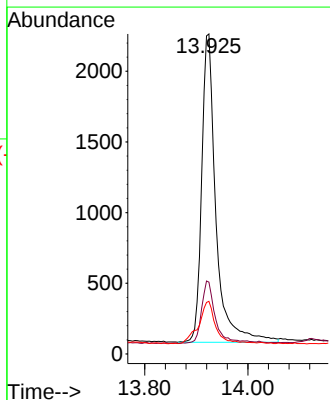
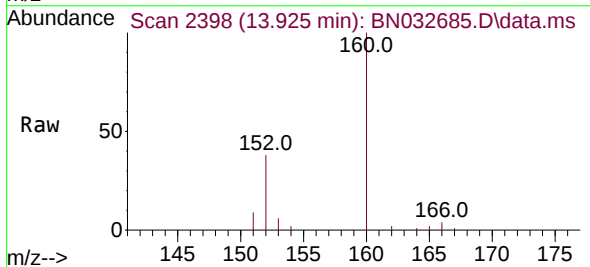
Manual Integrations
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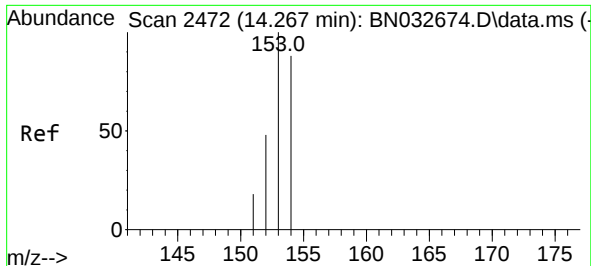
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.125 ng/u1
RT: 13.925 min Scan# 2398
Delta R.T. -0.019 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

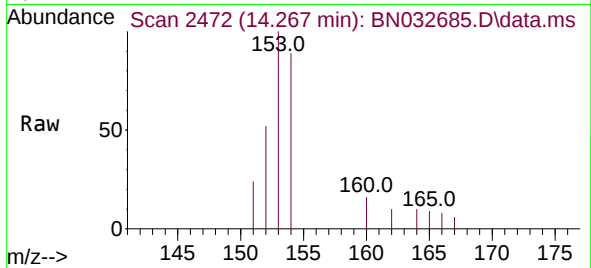
Tgt Ion:152 Resp: 4181
Ion Ratio Lower Upper
152 100
151 22.4 16.3 24.5
153 16.4 11.3 16.9





#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.267 min Scan# 2472
Delta R.T. -0.014 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

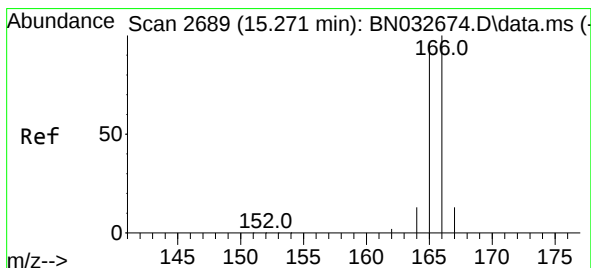
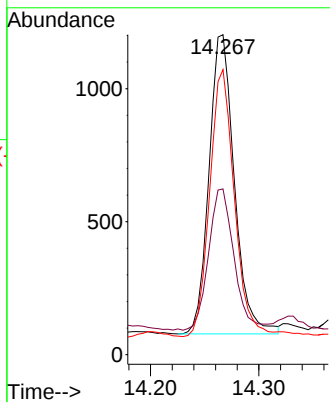
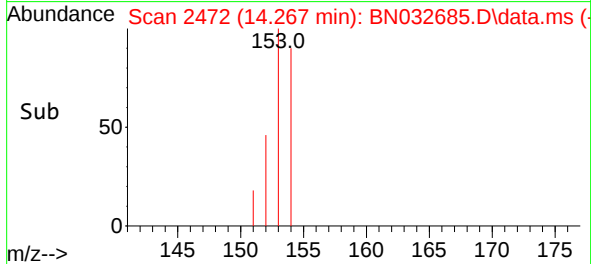
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



Tgt Ion:153 Resp: 1832
Ion Ratio Lower Upper
153 100
152 51.8 40.0 60.0
154 89.1 70.2 105.4

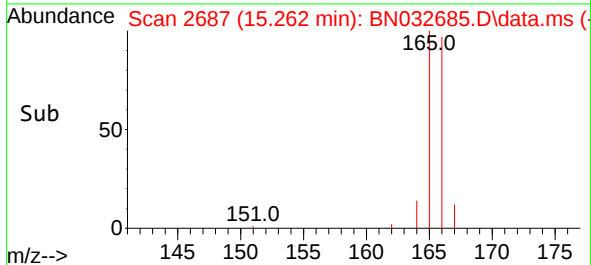
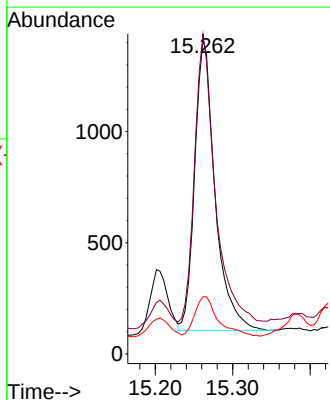
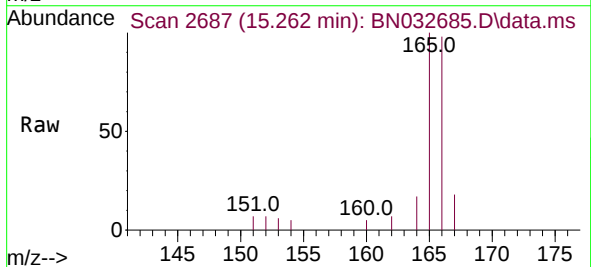
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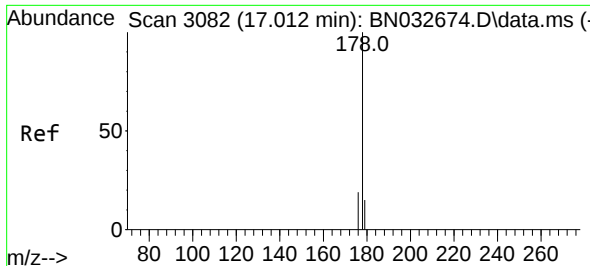
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.075 ng/ul
RT: 15.262 min Scan# 2687
Delta R.T. -0.028 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

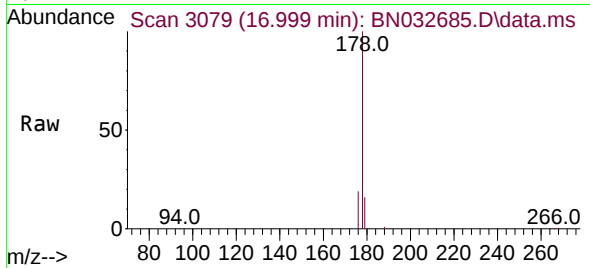
Tgt Ion:166 Resp: 2387
Ion Ratio Lower Upper
166 100
165 101.8 79.7 119.5
167 18.2 11.4 17.2#





#15
Phenanthrene
Concen: 1.464 ng/u1
RT: 16.999 min Scan# 3082
Delta R.T. -0.030 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

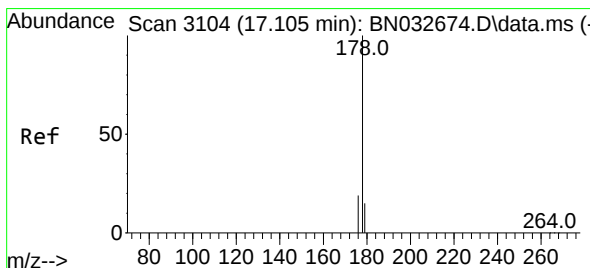
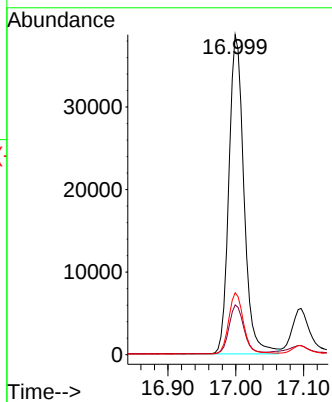
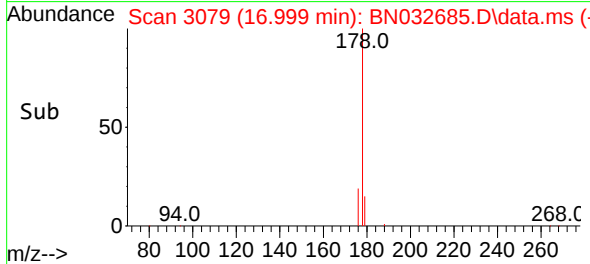
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



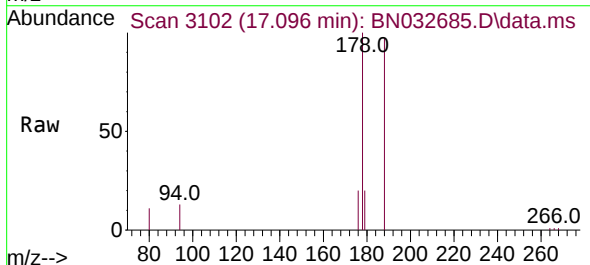
Tgt Ion:178 Resp: 59438
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.3 15.6 23.4

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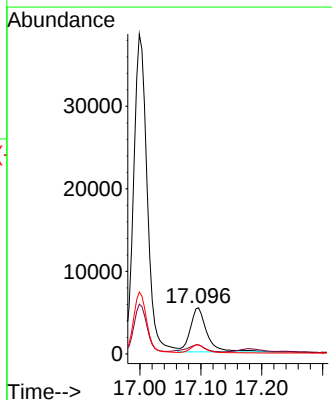
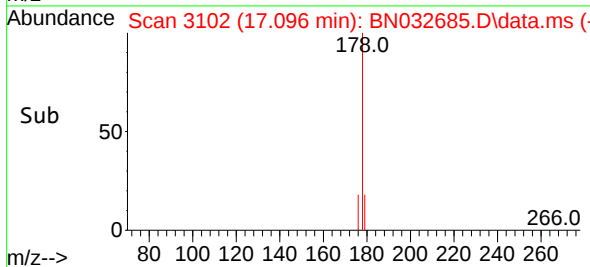
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

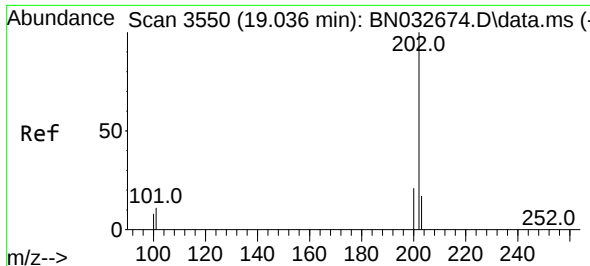


#16
Anthracene
Concen: 0.309 ng/u1
RT: 17.096 min Scan# 3102
Delta R.T. -0.042 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49



Tgt Ion:178 Resp: 10254
Ion Ratio Lower Upper
178 100
179 19.6 13.4 20.2
176 19.5 15.4 23.0





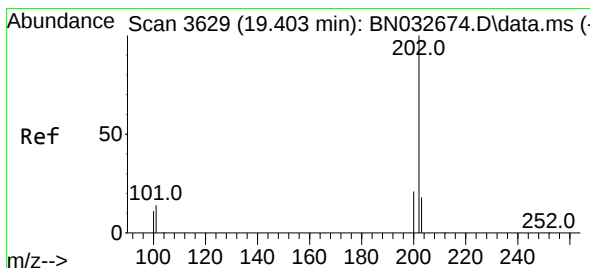
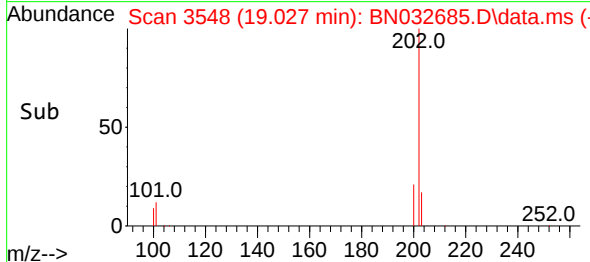
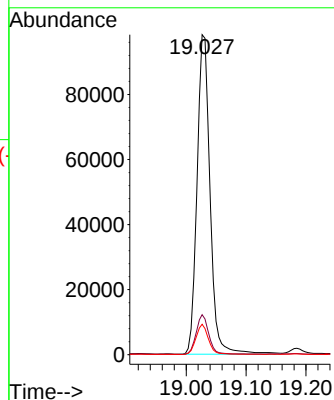
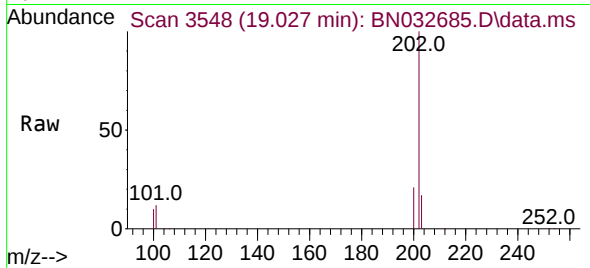
#19
Fluoranthene
Concen: 2.717 ng/ul
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

Instrument :
BNA_N
ClientSampleId :
A4CX0DL

Tgt Ion:202 Resp: 148425
Ion Ratio Lower Upper
202 100
101 12.5 9.8 14.8
100 9.5 7.9 11.9

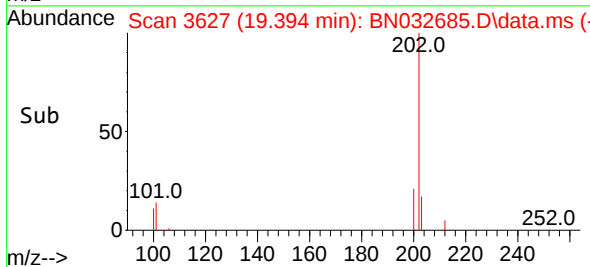
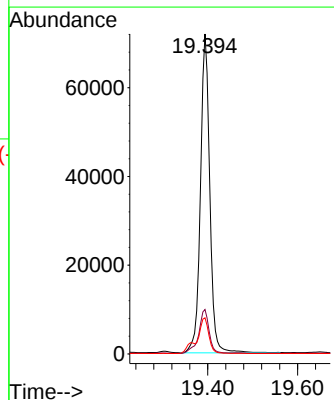
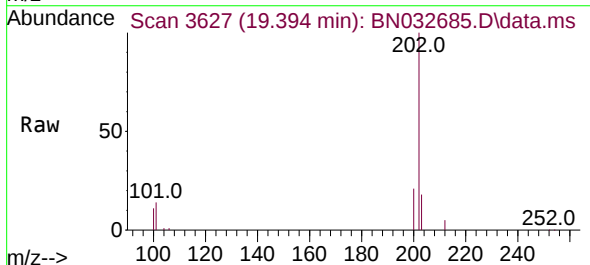
Manual Integrations
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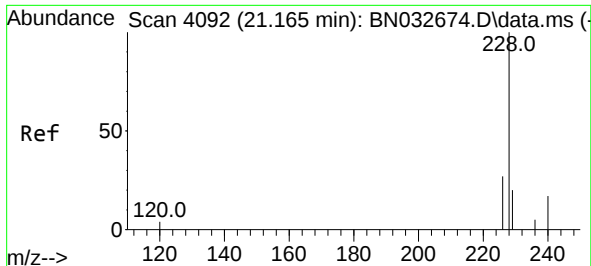
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.840 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

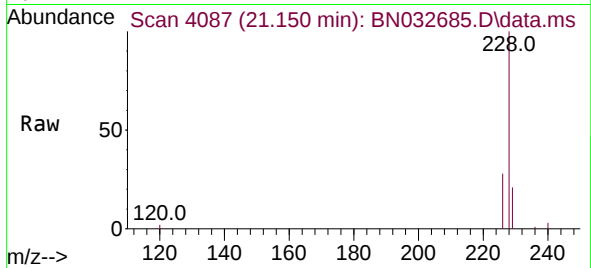
Tgt Ion:202 Resp: 104062
Ion Ratio Lower Upper
202 100
101 13.9 11.8 17.6
100 11.3 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.406 ng/u1
RT: 21.150 min Scan# 4092
Delta R.T. -0.032 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

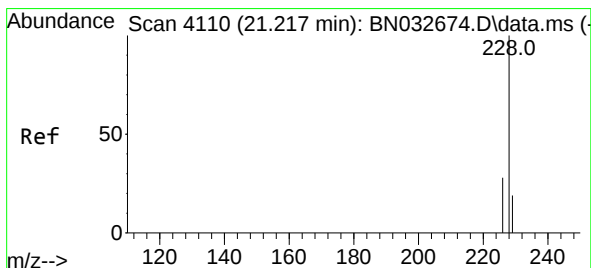
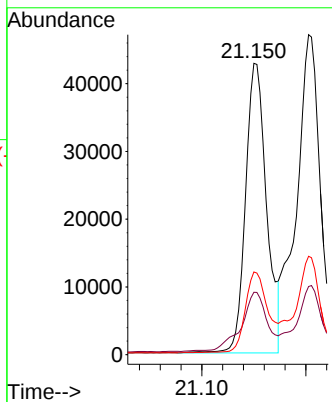
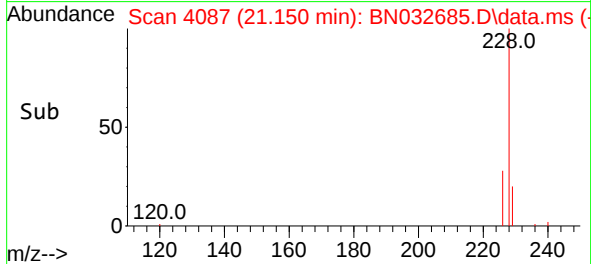
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



Tgt Ion:228 Resp: 60150
Ion Ratio Lower Upper
228 100
229 21.4 16.1 24.1
226 28.4 21.9 32.9

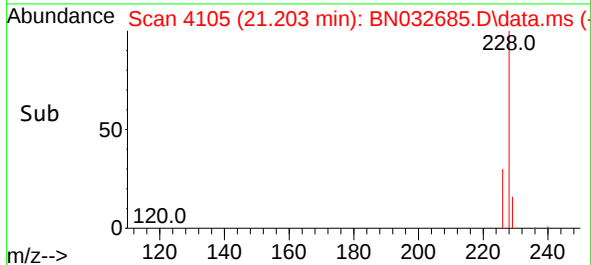
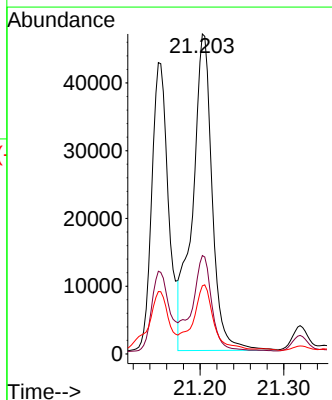
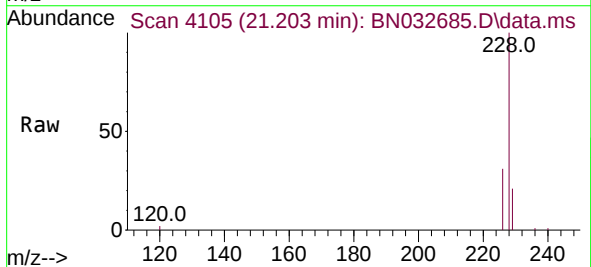
Manual Integrations
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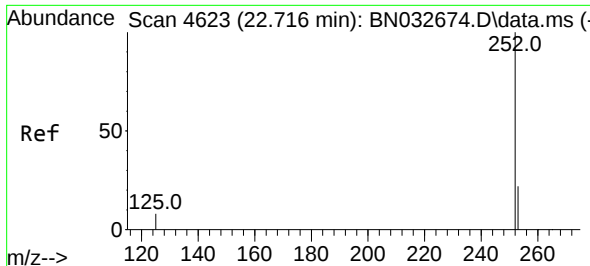
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024



#22
Chrysene
Concen: 1.232 ng/u1
RT: 21.203 min Scan# 4105
Delta R.T. -0.029 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

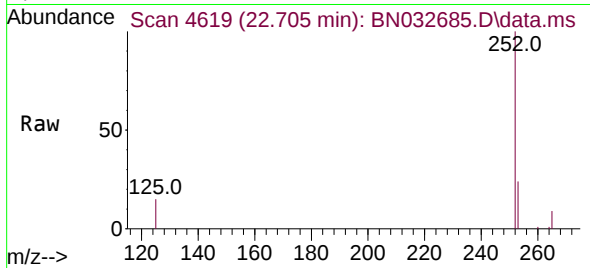
Tgt Ion:228 Resp: 76212
Ion Ratio Lower Upper
228 100
226 30.8 24.0 36.0
229 21.3 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.822 ng/ul m
RT: 22.705 min Scan# 4619
Delta R.T. -0.029 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

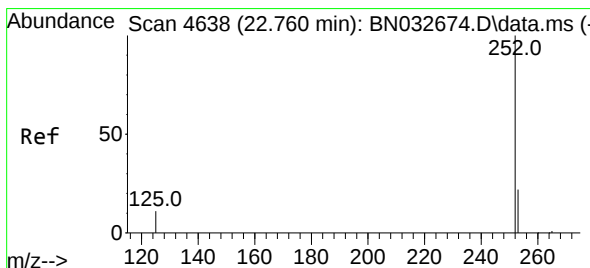
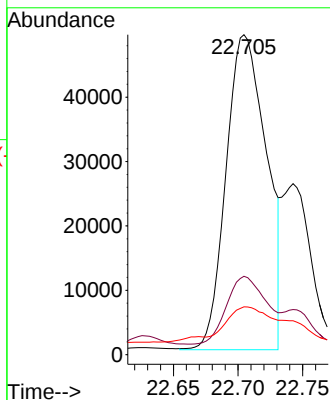
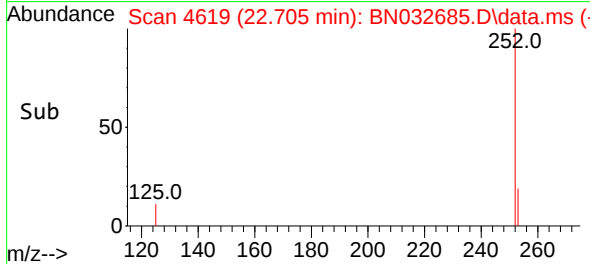
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



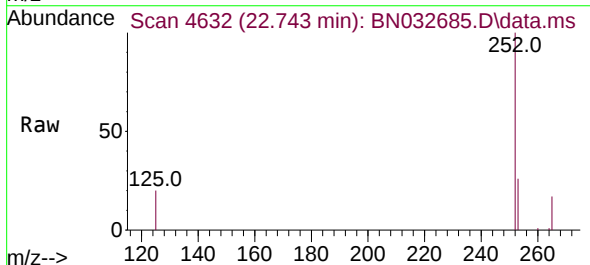
Tgt Ion:252 Resp: 106400
Ion Ratio Lower Upper
252 100
253 24.5 0.0 54.0
125 14.9 0.0 36.0

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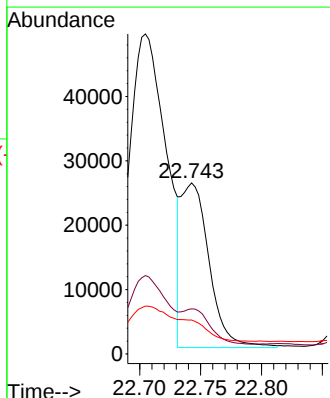
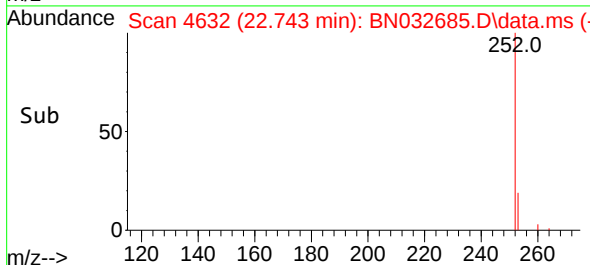
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

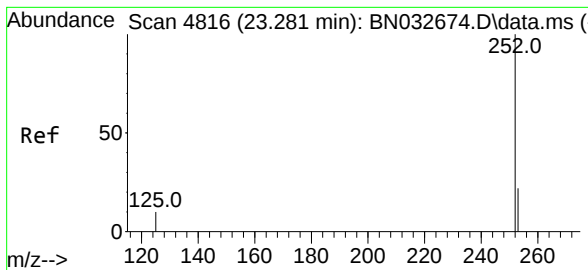


#25
Benzo(k)fluoranthene
Concen: 0.577 ng/ul m
RT: 22.743 min Scan# 4632
Delta R.T. -0.035 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49



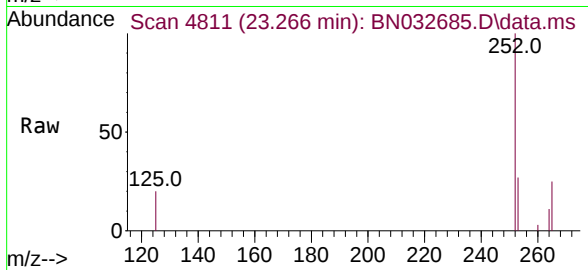
Tgt Ion:252 Resp: 41066
Ion Ratio Lower Upper
252 100
253 26.4 21.2 31.8
125 19.8 14.8 22.2





#26
Benzo(a)pyrene
Concen: 0.745 ng/ul
RT: 23.266 min Scan# 4811
Delta R.T. -0.044 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

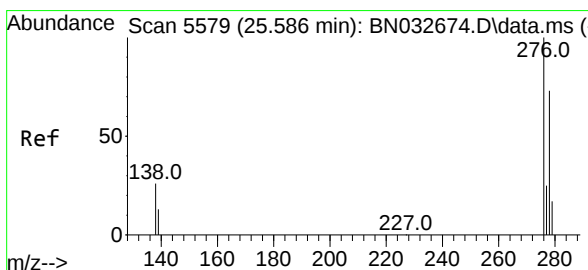
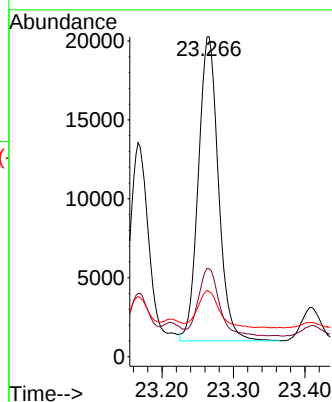
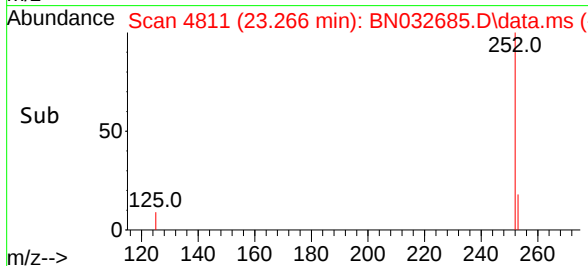
Instrument :
BNA_N
ClientSampleId :
A4CX0DL



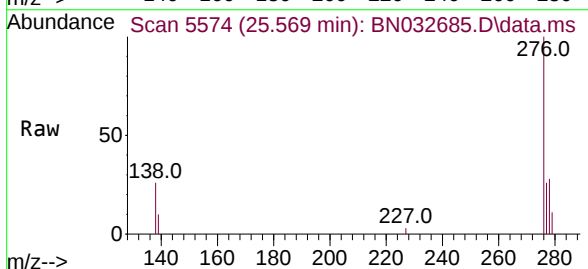
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Ion Ratio Lower Upper
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125 20.3 20.6 30.8

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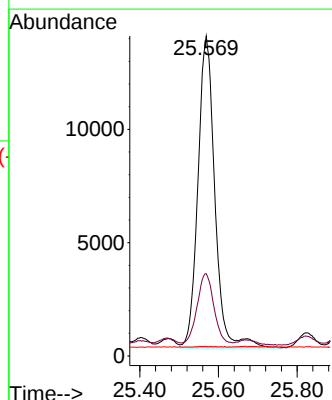
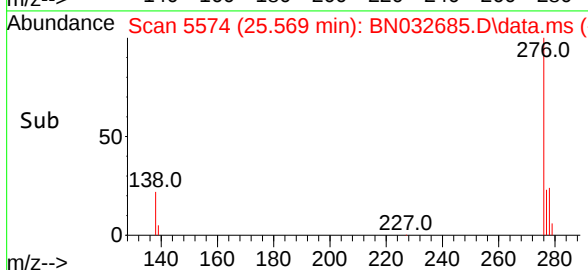
Reviewed By :Yogesh Patel 07/13/2024
Supervised By :mohammad ahmed 07/16/2024

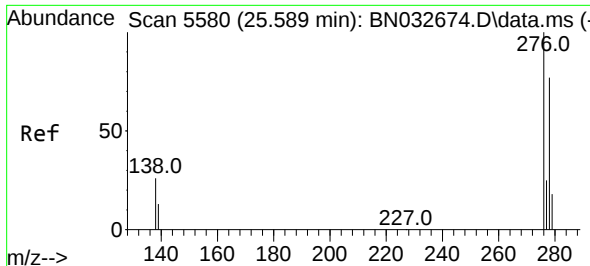


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.599 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49



Tgt Ion:276 Resp: 40987
Ion Ratio Lower Upper
276 100
138 22.3 21.6 32.4
227 0.3 0.0 0.0





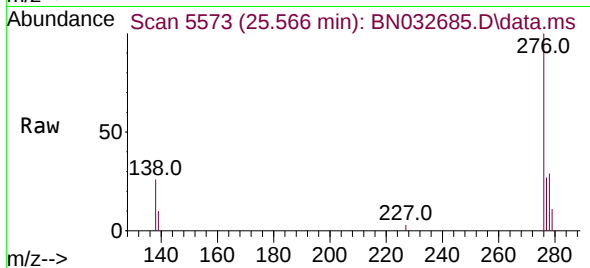
#28
Dibenzo(a,h)anthracene
Concen: 0.234 ng/ul
RT: 25.566 min Scan# 51
Delta R.T. -0.074 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49

Instrument :

BNA_N

ClientSampleId :

A4CX0DL



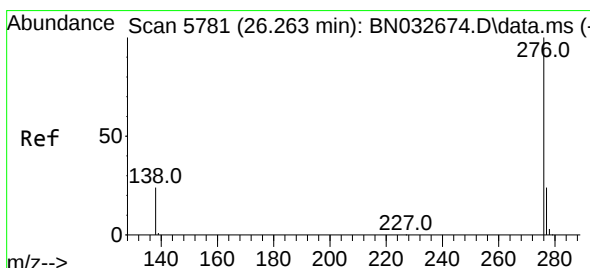
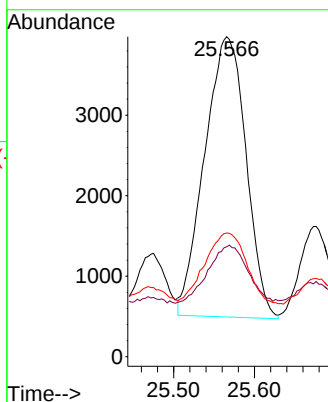
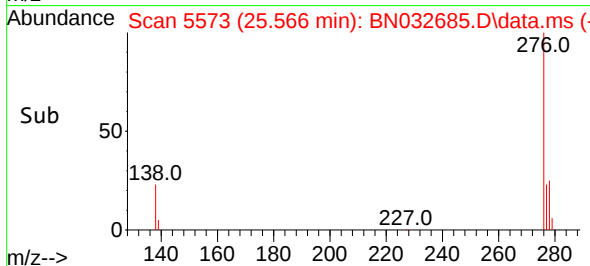
Tgt Ion:278 Resp: 12418
Ion Ratio Lower Upper
278 100
139 34.4 16.6 24.8
279 38.7 23.7 35.5

Manual Integrations

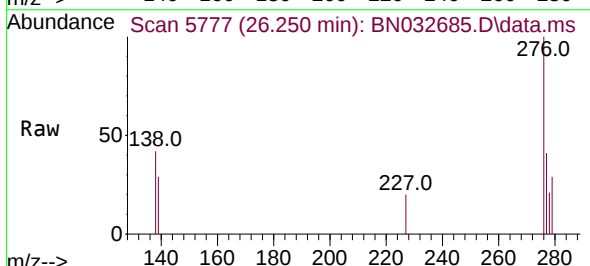
APPROVED

Reviewed By :Yogesh Patel 07/13/2024

Supervised By :mohammad ahmed 07/16/2024



#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 26.250 min Scan# 5777
Delta R.T. -0.050 min
Lab File: BN032685.D
Acq: 12 Jul 2024 22:49



Tgt Ion:276 Resp: 5735
Ion Ratio Lower Upper
276 100
138 42.1 21.0 31.4#
277 41.4 20.6 31.0#

