

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032709.D
 Acq On : 13 Jul 2024 14:31
 Operator : MA/JU
 Sample : P3125-01DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2DL

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 15 08:57:19 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	7.549	152	6706	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	19929	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.198	164	10237	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	18684	0.400	ng/ul	-0.03
17) Chrysene-d12	21.171	240	17457	0.400	ng/ul	#-0.02
23) Perylene-d12	23.366	264	21430	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	7682	0.954	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	1915	0.064	ng/ul	-0.05
18) Fluoranthene-d10	18.999	212	3449	0.061	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.371	128	11429	0.214	ng/ul	99
7) 2-Methylnaphthalene	11.999	142	4574	0.137	ng/ul	95
8) 1-Methylnaphthalene	12.219	142	2577	0.075	ng/ul	98
10) Acenaphthylene	13.920	152	19115	0.462	ng/ul	100
11) Acenaphthene	14.262	153	2899	0.085	ng/ul	97
12) Fluorene	15.257	166	4142	0.106	ng/ul#	96
15) Phenanthrene	16.999	178	80515	1.582	ng/ul	99
16) Anthracene	17.092	178	23057	0.555	ng/ul	99
19) Fluoranthene	19.027	202	173705	2.447	ng/ul	99
20) Pyrene	19.394	202	105664	1.438	ng/ul	98
21) Benzo(a)anthracene	21.153	228	90697	1.632	ng/ul	95
22) Chrysene	21.206	228	107565	1.338	ng/ul	96
24) Benzo(b)fluoranthene	22.708	252	150419m	1.989	ng/ul	
25) Benzo(k)fluoranthene	22.749	252	54024m	0.586	ng/ul	
26) Benzo(a)pyrene	23.269	252	39241	0.600	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.572	276	47149	0.532	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.572	278	21355	0.311	ng/ul#	68
29) Benzo(g,h,i)perylene	26.257	276	6825	0.092	ng/ul#	47

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

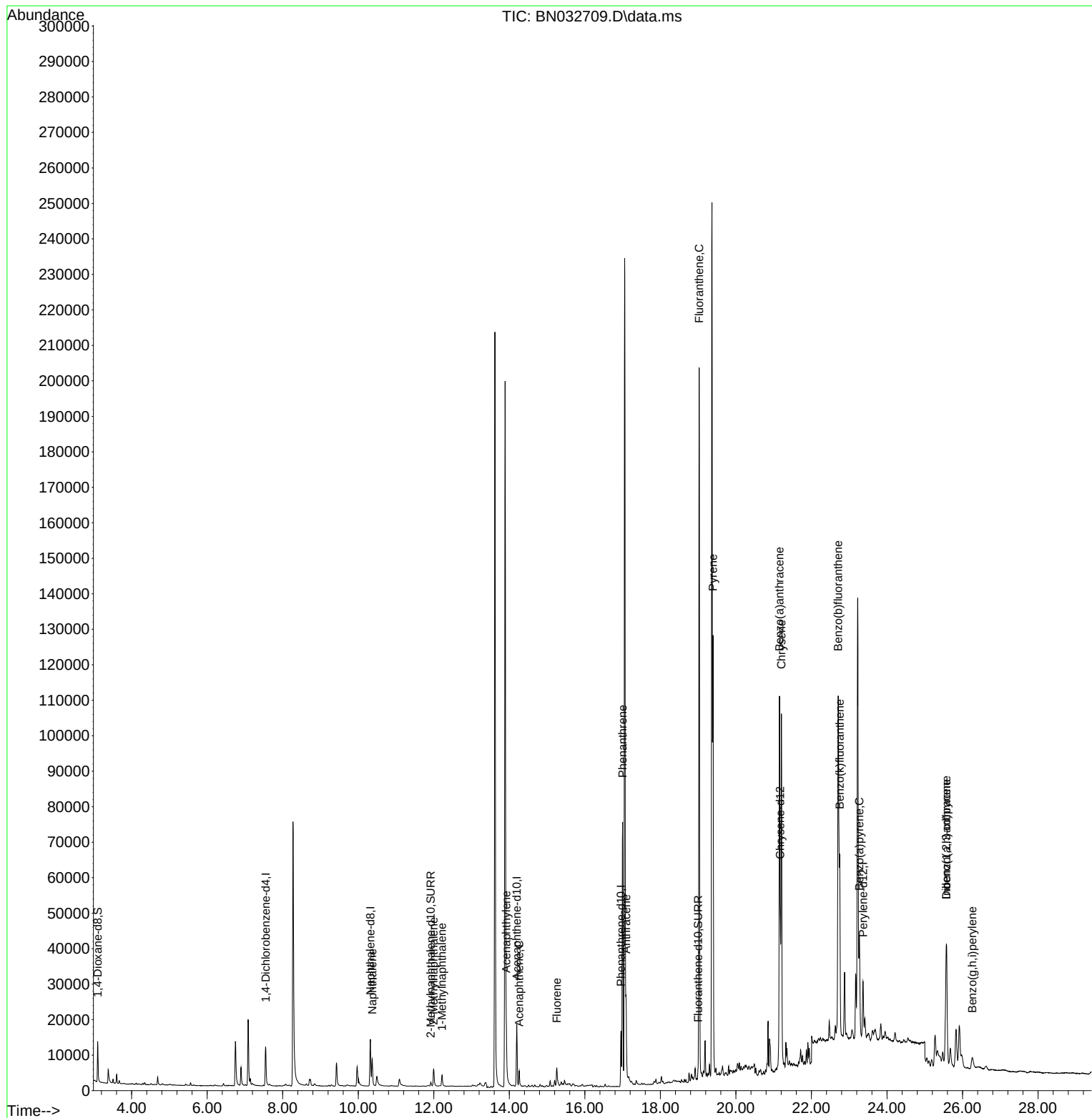
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032709.D
Acq On : 13 Jul 2024 14:31
Operator : MA/JU
Sample : P3125-01DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

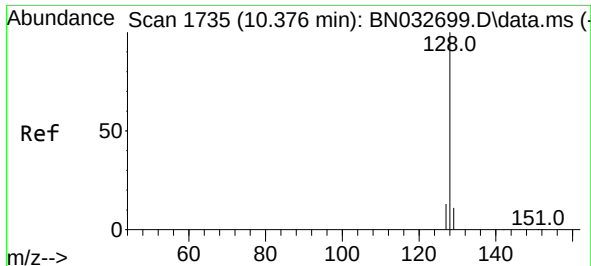
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

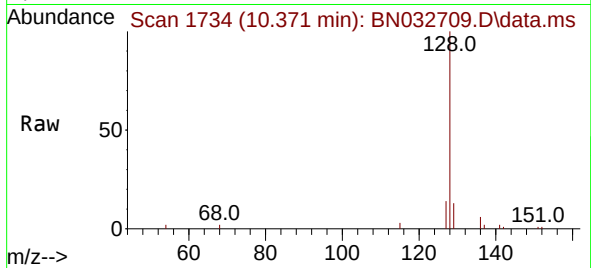
Quant Time: Jul 15 08:57:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.214 ng/ul
RT: 10.371 min Scan# 1734
Delta R.T. -0.038 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

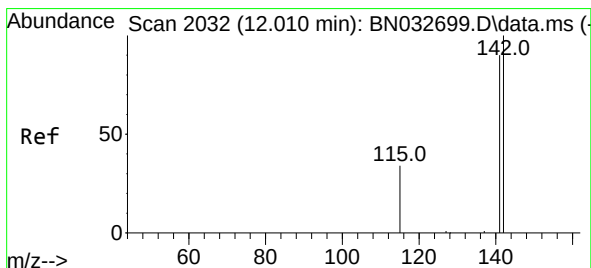
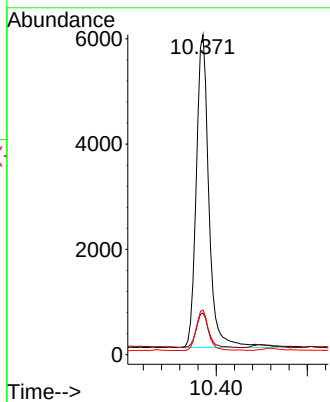
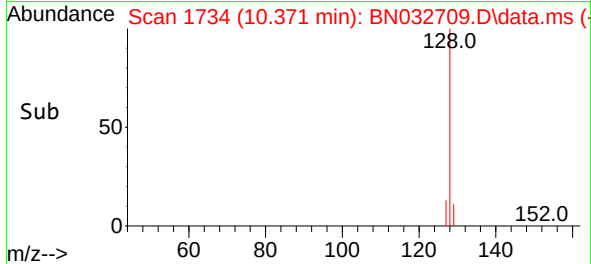
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



Tgt Ion:128 Resp: 11429
Ion Ratio Lower Upper
128 100
129 13.0 10.0 15.0
127 13.9 11.6 17.4

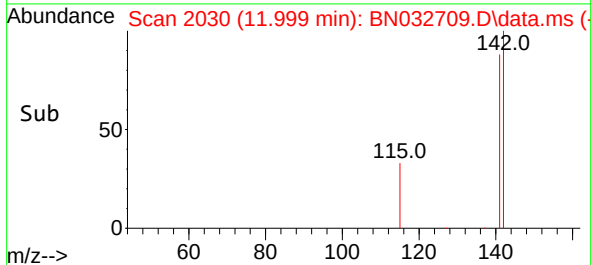
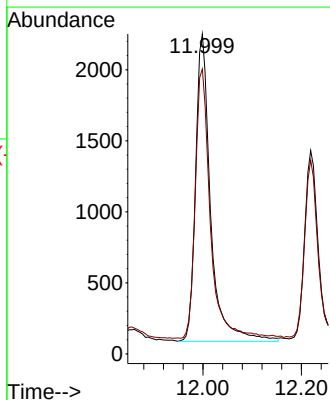
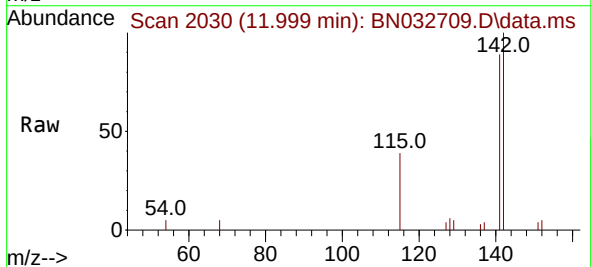
Manual Integrations
APPROVED

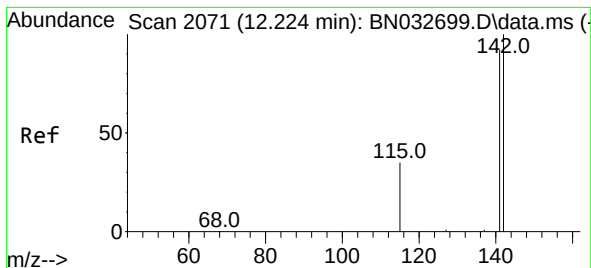
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.137 ng/ul
RT: 11.999 min Scan# 2030
Delta R.T. -0.049 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

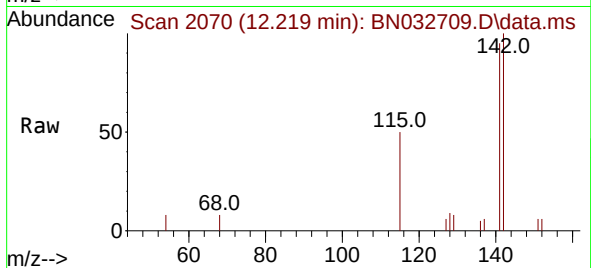
Tgt Ion:142 Resp: 4574
Ion Ratio Lower Upper
142 100
141 87.8 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.219 min Scan# 2071
Delta R.T. -0.027 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

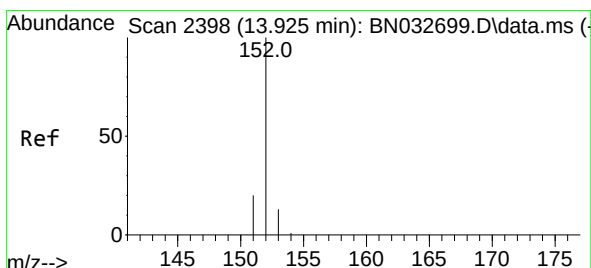
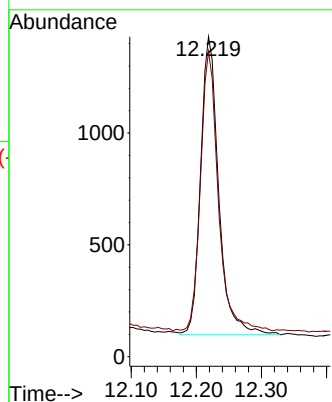
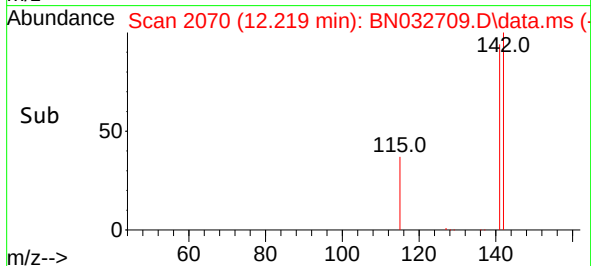
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



Tgt Ion:142 Resp: 257
Ion Ratio Lower Upper
142 100
141 91.5 75.0 112.4

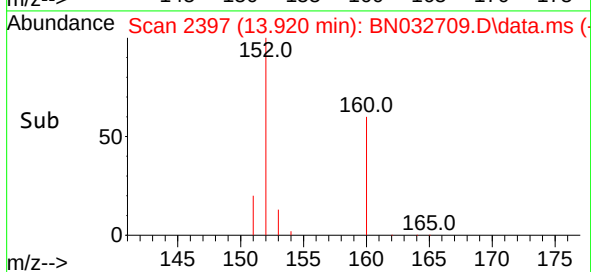
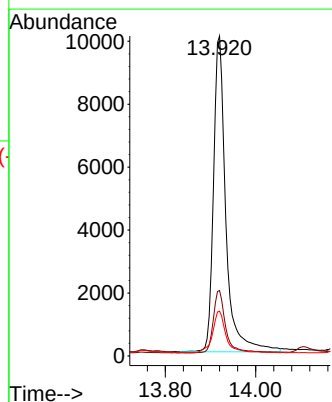
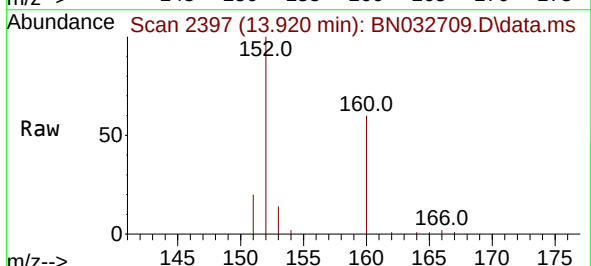
Manual Integrations
APPROVED

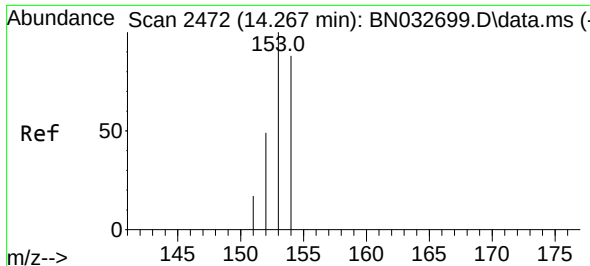
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#10
Acenaphthylene
Concen: 0.462 ng/ul
RT: 13.920 min Scan# 2397
Delta R.T. -0.023 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

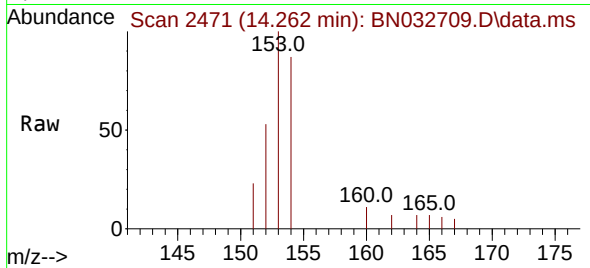
Tgt Ion:152 Resp: 19115
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 14.0 11.3 16.9





#11
Acenaphthene
Concen: 0.085 ng/ul
RT: 14.262 min Scan# 2471
Delta R.T. -0.018 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

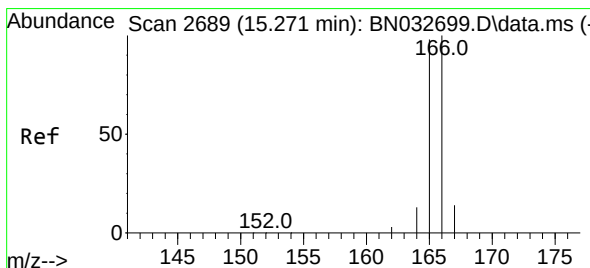
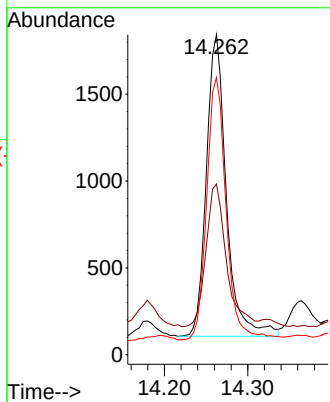
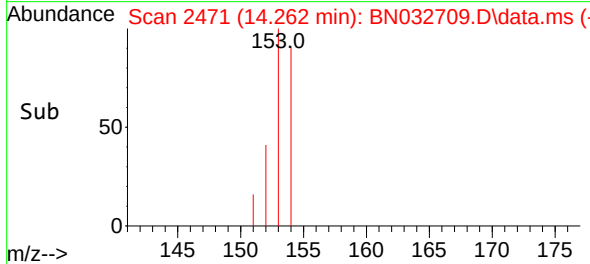
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



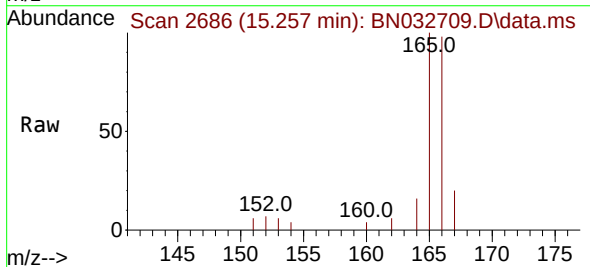
Tgt Ion:153 Resp: 289
Ion Ratio Lower Upper
153 100
152 53.3 40.0 60.0
154 86.7 70.2 105.4

Manual Integrations
APPROVED

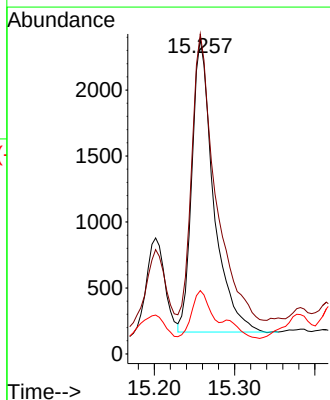
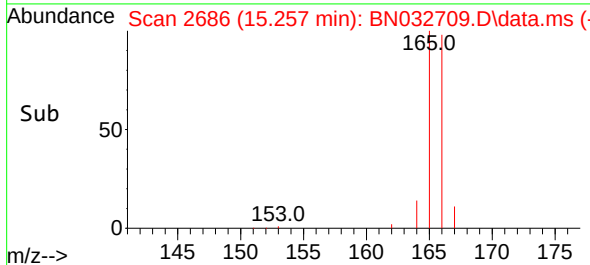
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

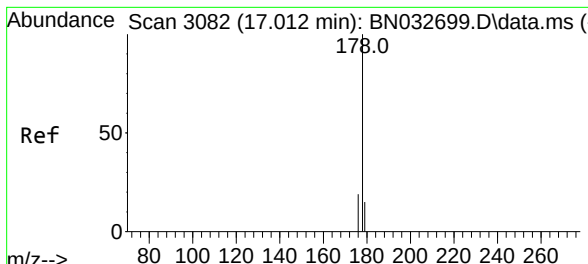


#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.257 min Scan# 2686
Delta R.T. -0.032 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31



Tgt Ion:166 Resp: 4142
Ion Ratio Lower Upper
166 100
165 101.6 79.7 119.5
167 20.1 11.4 17.2#





#15

Phenanthrene

Concen: 1.582 ng/ul

RT: 16.999 min Scan# 3079

Delta R.T. -0.029 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Instrument :

BNA_N

ClientSampleId :

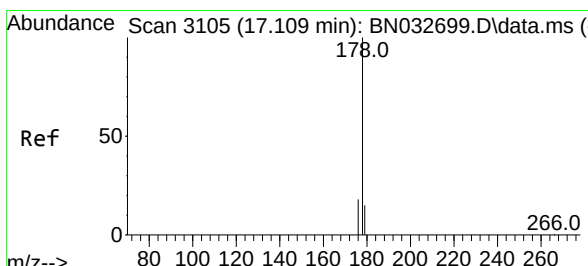
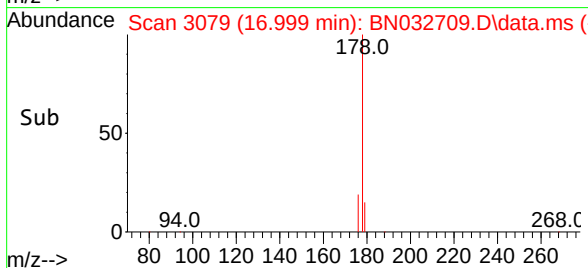
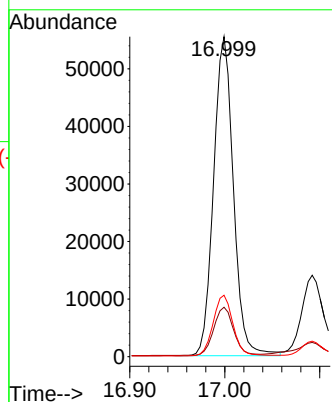
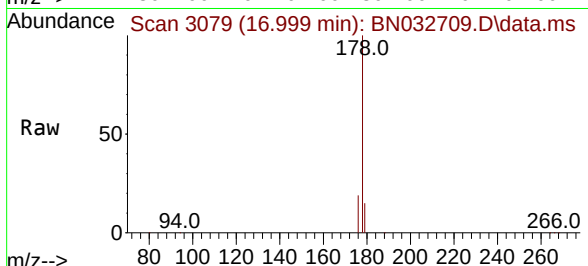
A4CZ2DL

Tgt Ion:	178	Resp:	8051
Ion Ratio	Lower	Upper	
178	100		
179	15.4	13.0	19.4
176	19.2	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#16

Anthracene

Concen: 0.555 ng/ul

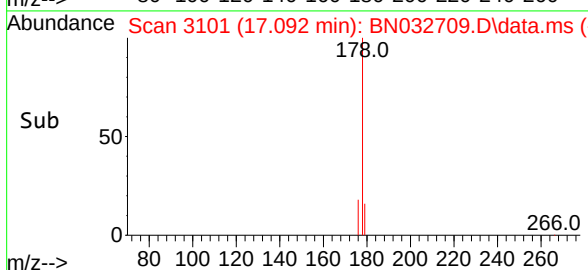
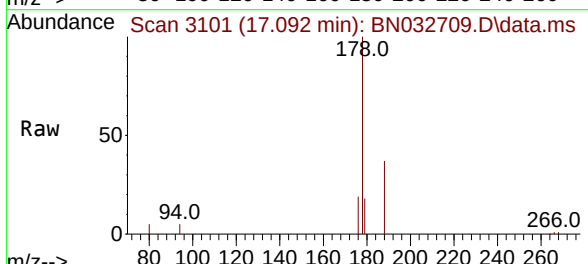
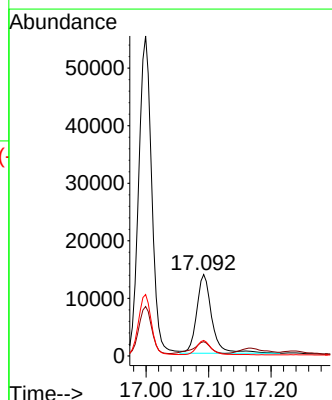
RT: 17.092 min Scan# 3101

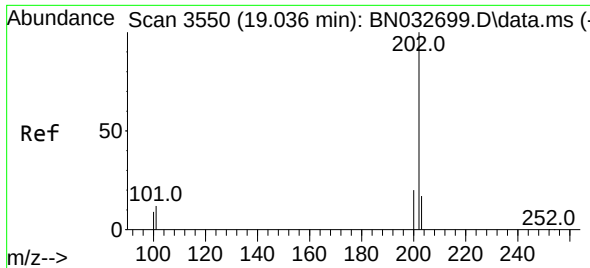
Delta R.T. -0.046 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Tgt Ion:	178	Resp:	23057
Ion Ratio	Lower	Upper	
178	100		
179	17.5	13.4	20.2
176	19.0	15.4	23.0





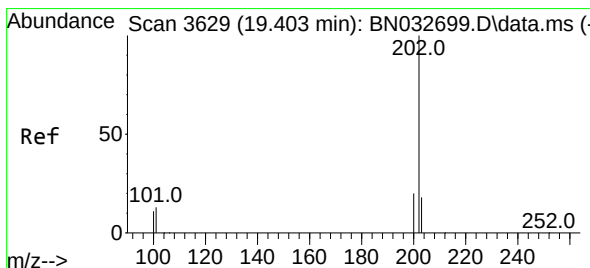
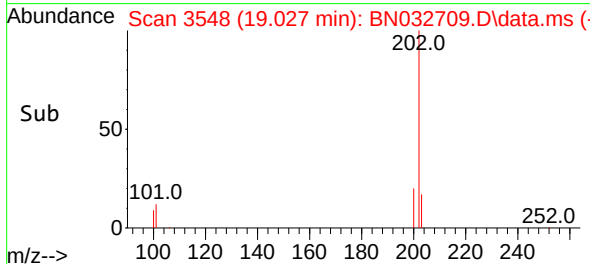
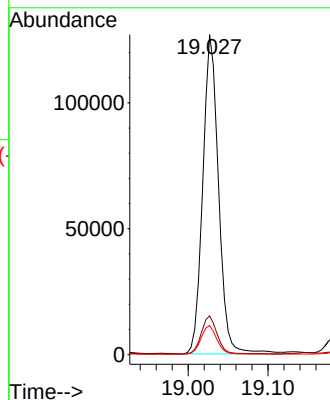
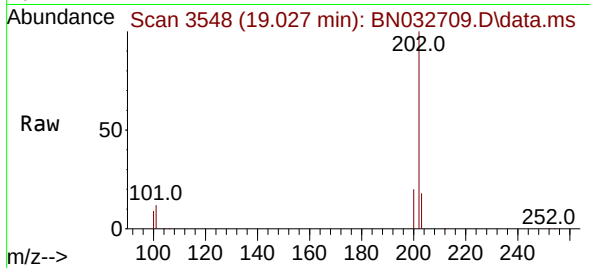
#19
Fluoranthene
Concen: 2.447 ng/ul
RT: 19.027 min Scan# 3550
Delta R.T. -0.028 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

Instrument :
BNA_N
ClientSampleId :
A4CZ2DL

Tgt Ion:202 Resp: 17370
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

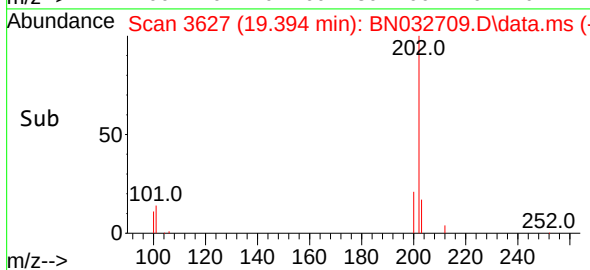
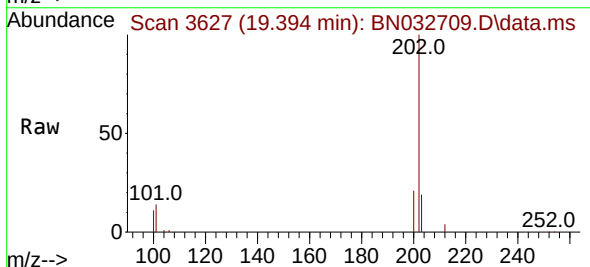
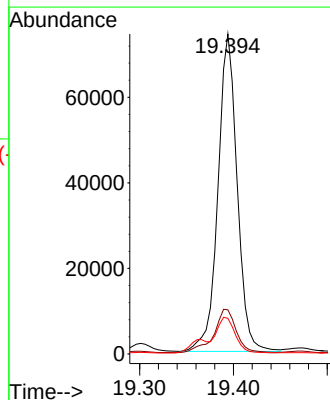
Manual Integrations
APPROVED

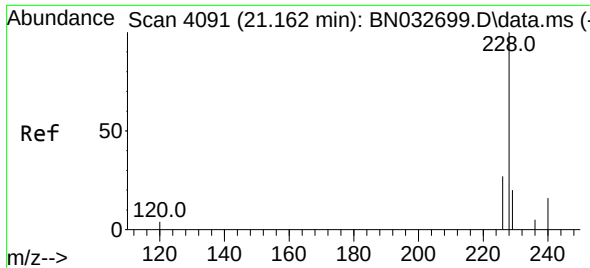
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#20
Pyrene
Concen: 1.438 ng/ul
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

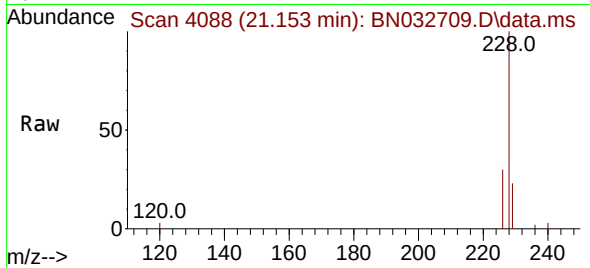
Tgt Ion:202 Resp: 105664
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.1 9.6 14.4





#21
Benzo(a)anthracene
Concen: 1.632 ng/ul
RT: 21.153 min Scan# 4091
Delta R.T. -0.029 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

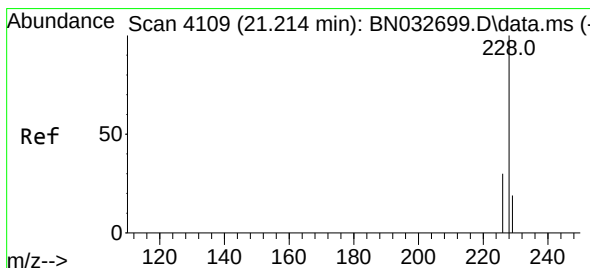
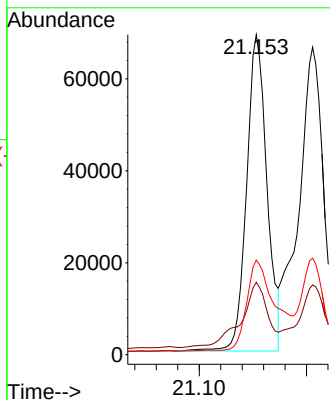
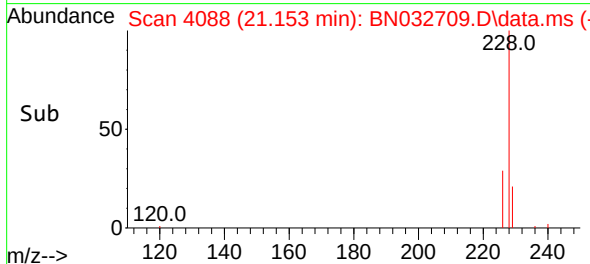
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



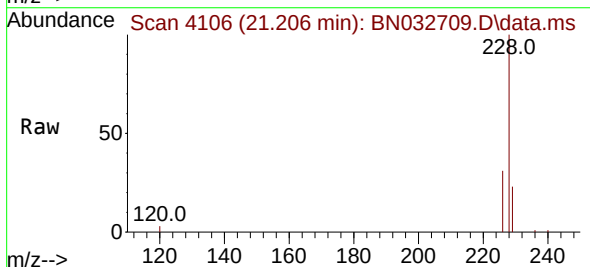
Tgt Ion:228 Resp: 90697
Ion Ratio Lower Upper
228 100
229 22.6 16.1 24.1
226 29.6 21.9 32.9

Manual Integrations
APPROVED

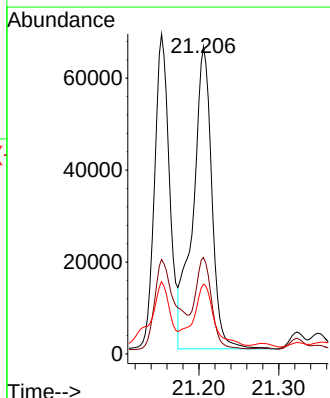
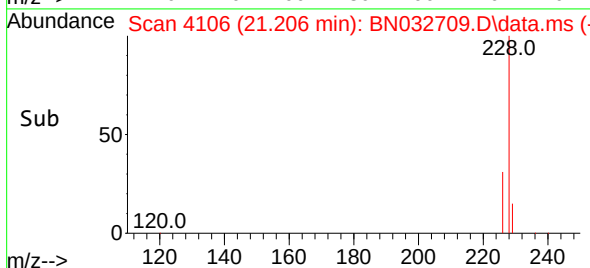
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

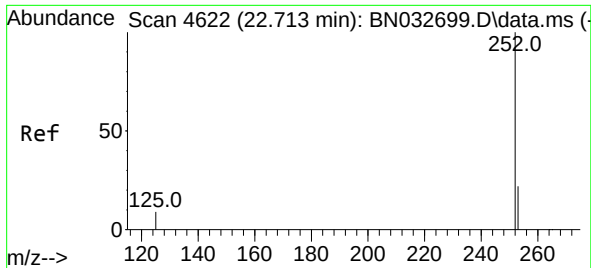


#22
Chrysene
Concen: 1.338 ng/ul
RT: 21.206 min Scan# 4106
Delta R.T. -0.026 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31



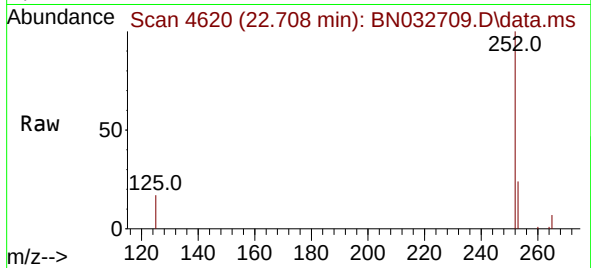
Tgt Ion:228 Resp: 107565
Ion Ratio Lower Upper
228 100
226 31.4 24.0 36.0
229 22.7 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.989 ng/ul m
RT: 22.708 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

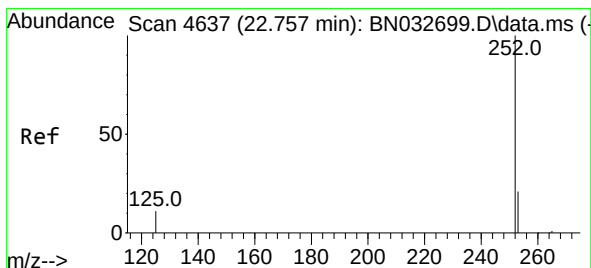
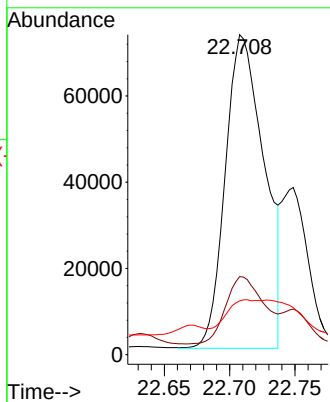
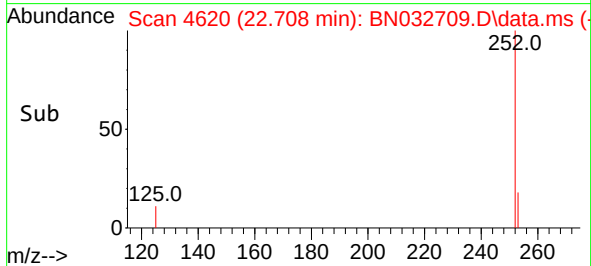
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



Tgt Ion:252 Resp: 150419
Ion Ratio Lower Upper
252 100
253 24.4 0.0 54.0
125 16.8 0.0 36.0

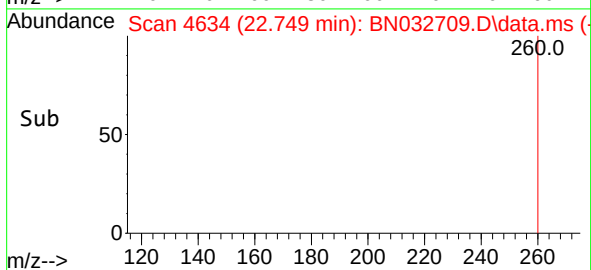
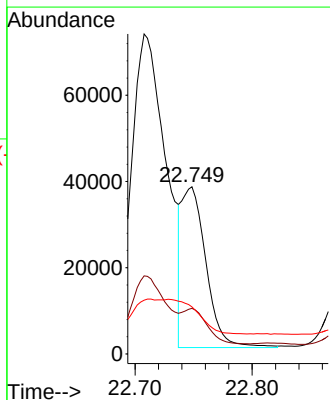
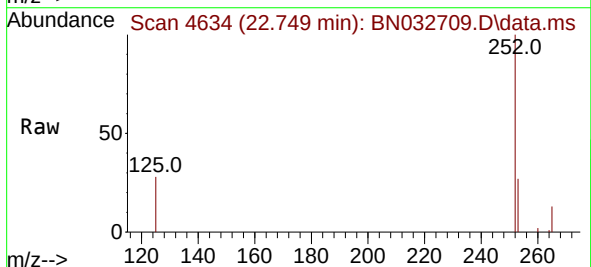
Manual Integrations
APPROVED

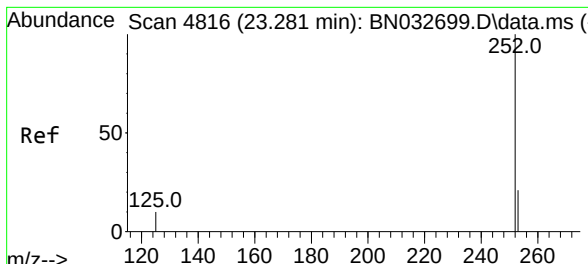
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#25
Benzo(k)fluoranthene
Concen: 0.586 ng/ul m
RT: 22.749 min Scan# 4634
Delta R.T. -0.029 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

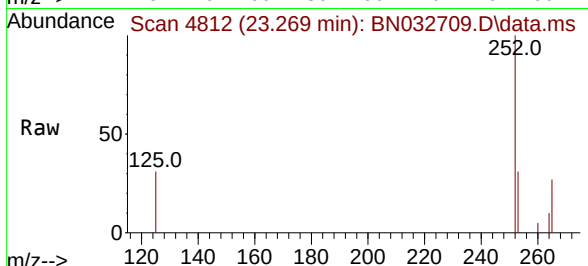
Tgt Ion:252 Resp: 54024
Ion Ratio Lower Upper
252 100
253 27.3 21.2 31.8
125 28.2 14.8 22.2#





#26
Benzo(a)pyrene
Concen: 0.600 ng/ul
RT: 23.269 min Scan# 4816
Delta R.T. -0.041 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31

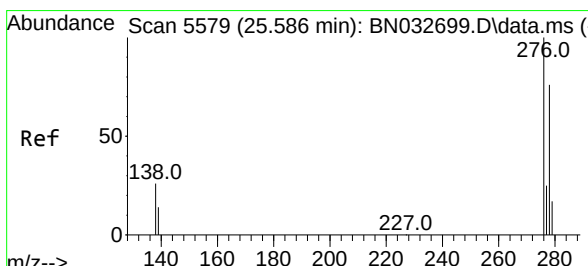
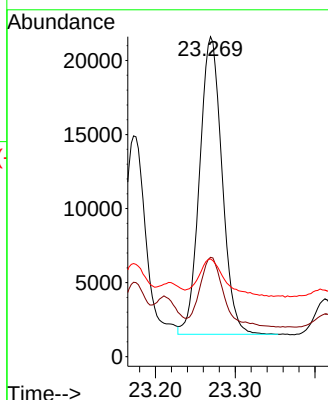
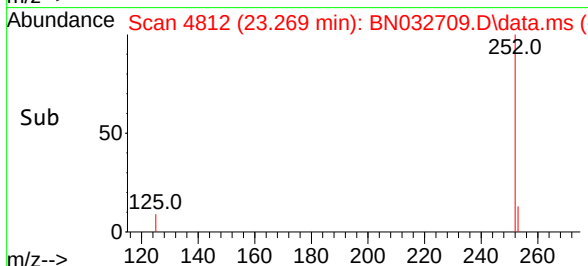
Instrument :
BNA_N
ClientSampleId :
A4CZ2DL



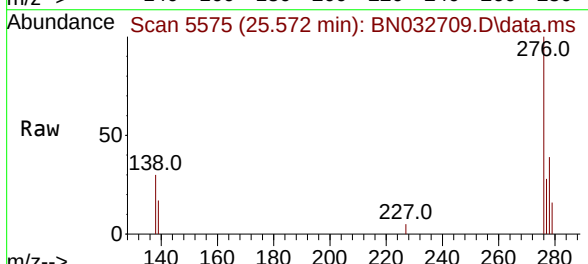
Tgt Ion:252 Resp: 3924
Ion Ratio Lower Upper
252 100
253 31.0 25.4 38.0
125 30.5 20.6 30.8

Manual Integrations
APPROVED

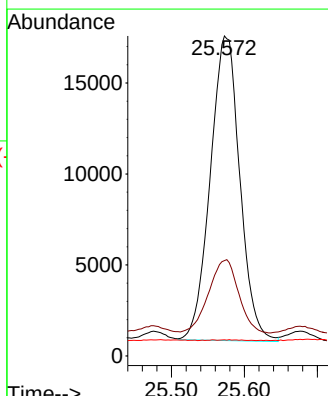
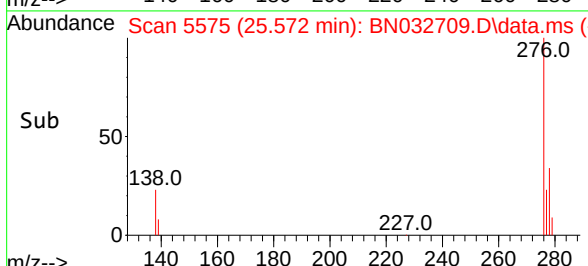
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

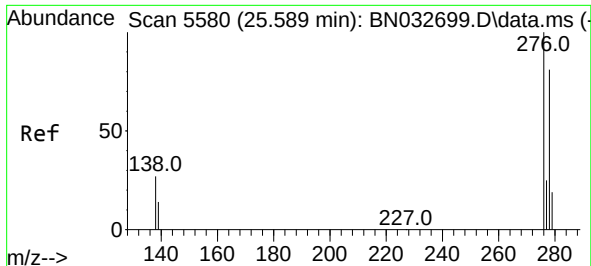


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 25.572 min Scan# 5575
Delta R.T. -0.054 min
Lab File: BN032709.D
Acq: 13 Jul 2024 14:31



Tgt Ion:276 Resp: 47149
Ion Ratio Lower Upper
276 100
138 24.9 21.6 32.4
227 0.3 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 0.311 ng/ul

RT: 25.572 min Scan# 51

Delta R.T. -0.067 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Instrument :

BNA_N

ClientSampleId :

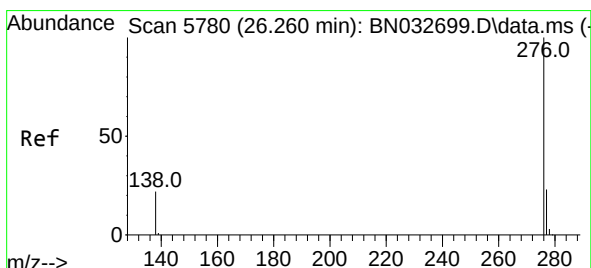
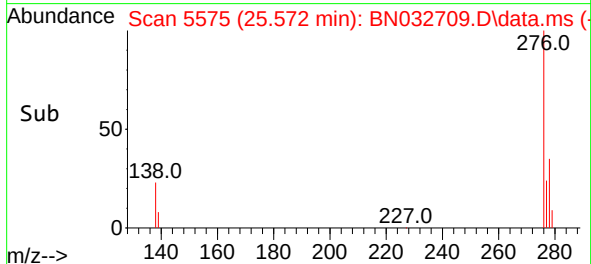
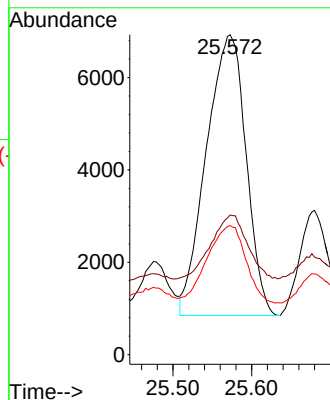
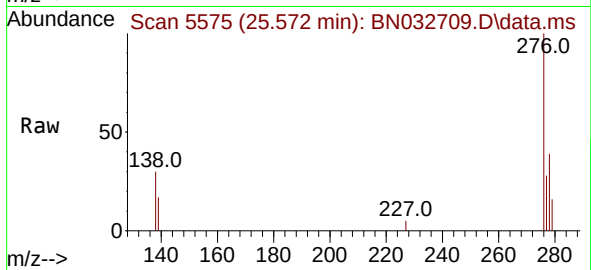
A4CZ2DL

Tgt Ion:278	Resp:	2135
Ion Ratio	Lower	Upper
278	100	
139	43.6	16.6 24.8
279	40.3	23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#29

Benzo(g,h,i)perylene

Concen: 0.092 ng/ul

RT: 26.257 min Scan# 5779

Delta R.T. -0.043 min

Lab File: BN032709.D

Acq: 13 Jul 2024 14:31

Tgt Ion:276	Resp:	6825
Ion Ratio	Lower	Upper
276	100	
138	57.4	21.0 31.4
277	48.9	20.6 31.0

