

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032708.D
 Acq On : 13 Jul 2024 13:55
 Operator : MA/JU
 Sample : P3124-01DL 5X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 08:57:07 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	7.548	152	6517	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.321	136	20164	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.197	164	11821	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.957	188	24446	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	22702	0.400	ng/ul	-0.02
23) Perylene-d12	23.365	264	27619	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	6541	0.836	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.922	152	1886	0.062	ng/ul	-0.05
18) Fluoranthene-d10	18.994	212	5003	0.068	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.371	128	4989	0.092	ng/ul#	95
7) 2-Methylnaphthalene	11.999	142	1793	0.053	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1478	0.042	ng/ul	99
10) Acenaphthylene	13.920	152	15864	0.332	ng/ul	100
11) Acenaphthene	14.262	153	7633	0.193	ng/ul	99
12) Fluorene	15.257	166	9504	0.211	ng/ul	98
15) Phenanthrene	16.995	178	234109	3.516	ng/ul	99
16) Anthracene	17.088	178	44502	0.818	ng/ul	99
19) Fluoranthene	19.027	202	567628	6.150	ng/ul	99
20) Pyrene	19.394	202	398507	4.171	ng/ul	97
21) Benzo(a)anthracene	21.153	228	251973	3.487	ng/ul	98
22) Chrysene	21.205	228	282739	2.705	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	411317m	4.221	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	135901m	1.144	ng/ul	
26) Benzo(a)pyrene	23.269	252	181638	2.154	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.569	276	159419	1.396	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.569	278	48825	0.552	ng/ul#	88
29) Benzo(g,h,i)perylene	26.250	276	103913	1.089	ng/ul	99

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

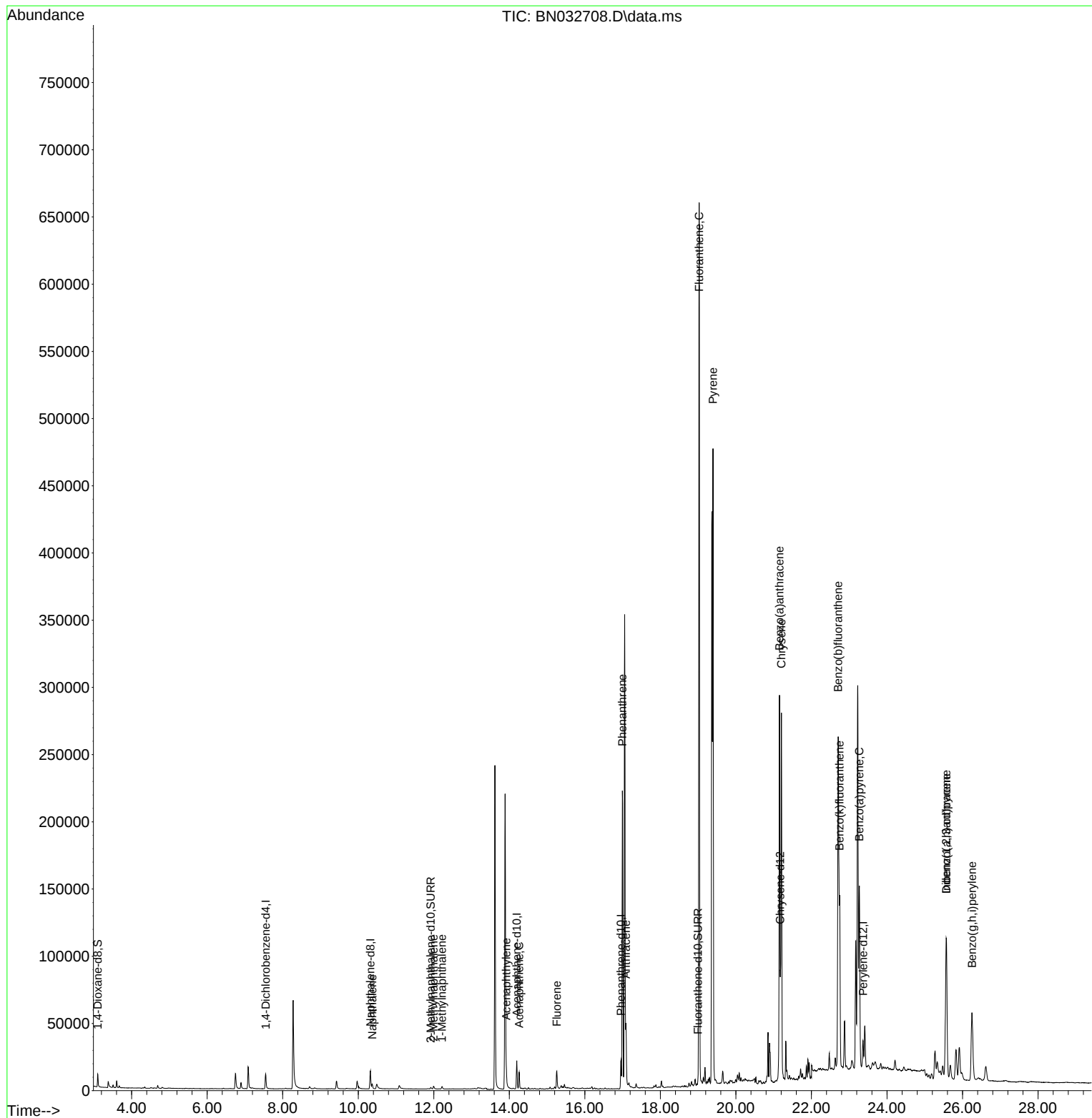
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032708.D
Acq On : 13 Jul 2024 13:55
Operator : MA/JU
Sample : P3124-01DL 5X
Misc :
ALS Vial : 49 Sample Multiplier: 1

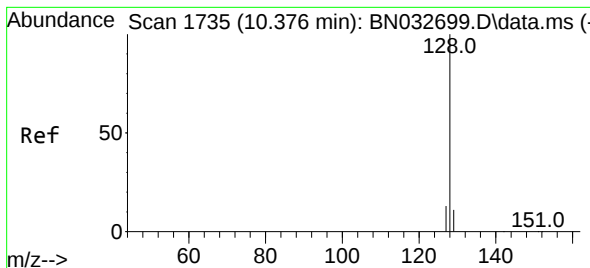
Instrument :
BNA_N
ClientSampleId :
A4CB3DL

Quant Time: Jul 15 08:57:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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#5

Naphthalene

Concen: 0.092 ng/ul

RT: 10.371 min Scan# 1734

Delta R.T. -0.039 min

Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

Instrument :

BNA_N

ClientSampleId :

A4CB3DL

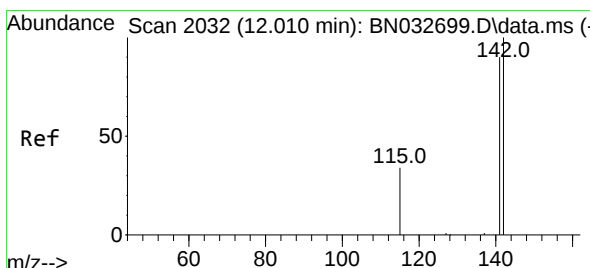
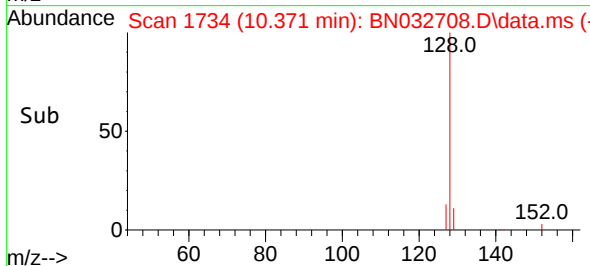
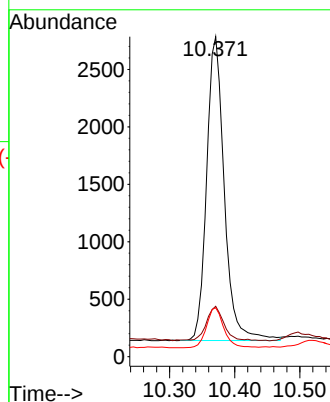
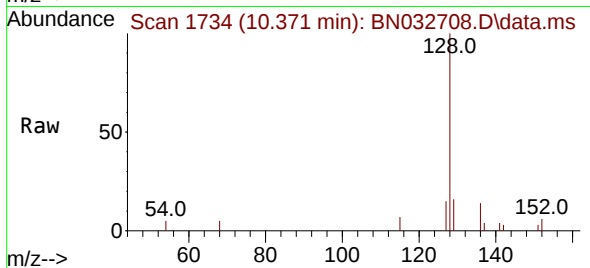
Tgt Ion:128 Resp: 4989

Ion	Ratio	Lower	Upper
128	100		
129	15.7	10.0	15.0
127	15.3	11.6	17.4

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#7

2-Methylnaphthalene

Concen: 0.053 ng/ul

RT: 11.999 min Scan# 2030

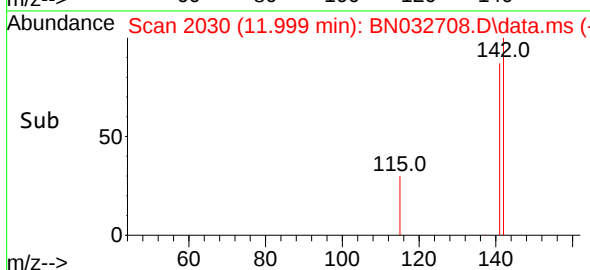
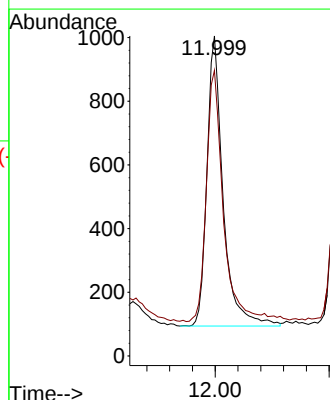
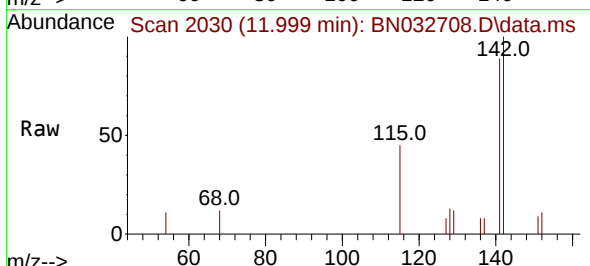
Delta R.T. -0.050 min

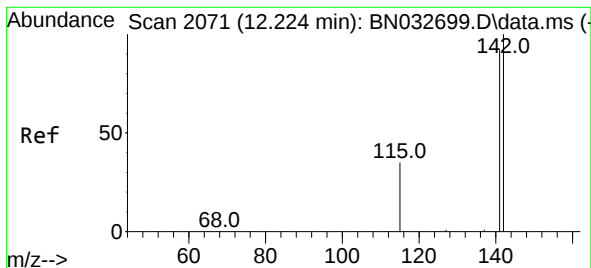
Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

Tgt Ion:142 Resp: 1793

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.0	111.0





#8

1-Methylnaphthalene

Concen: 0.042 ng/ul

RT: 12.218 min Scan# 2071

Delta R.T. -0.028 min

Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

Instrument :

BNA_N

ClientSampleId :

A4CB3DL

Tgt Ion:142 Resp: 1478

Ion Ratio Lower Upper

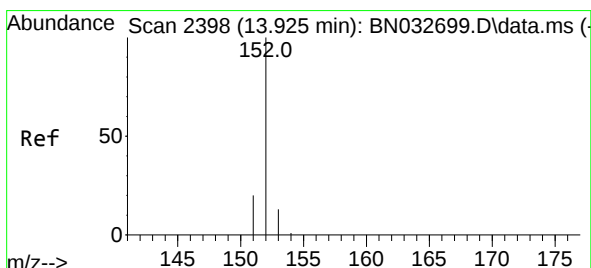
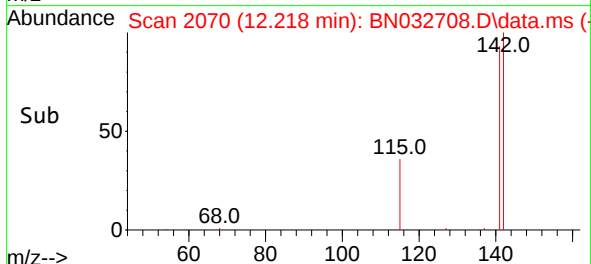
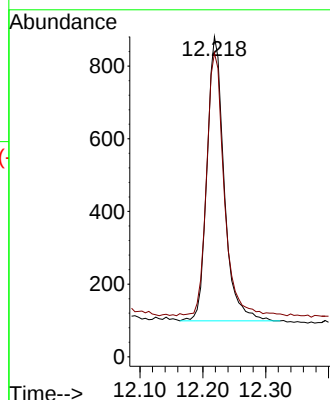
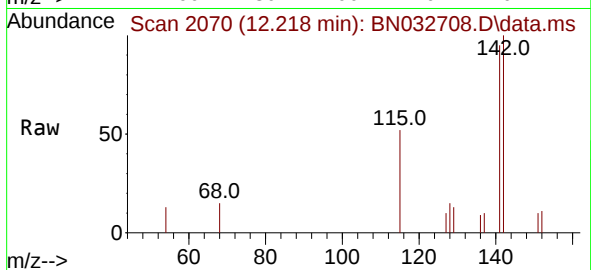
142 100

141 94.9 75.0 112.4

Manual Integrations

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#10

Acenaphthylene

Concen: 0.332 ng/ul

RT: 13.920 min Scan# 2397

Delta R.T. -0.023 min

Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

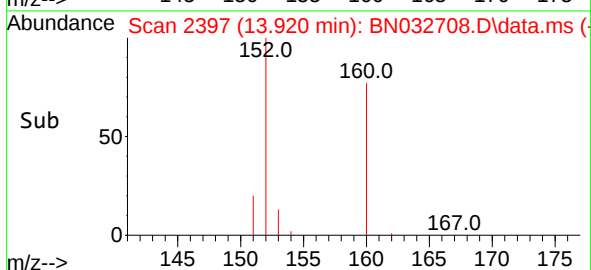
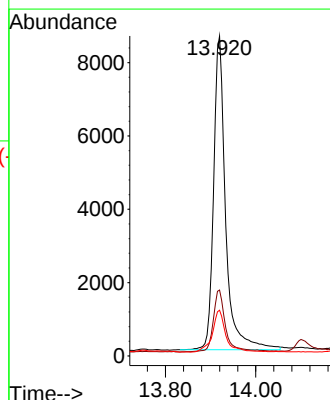
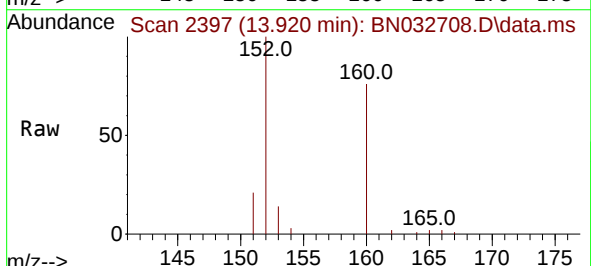
Tgt Ion:152 Resp: 15864

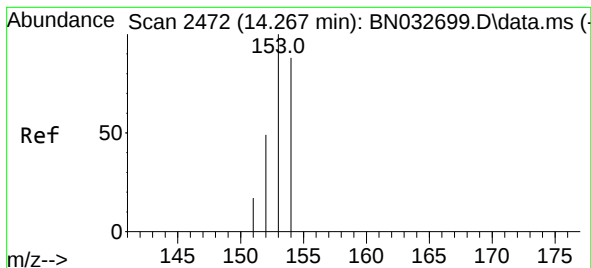
Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 14.3 11.3 16.9





#11

Acenaphthene

Concen: 0.193 ng/ul

RT: 14.262 min Scan# 2471

Delta R.T. -0.019 min

Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

Instrument :

BNA_N

ClientSampleId :

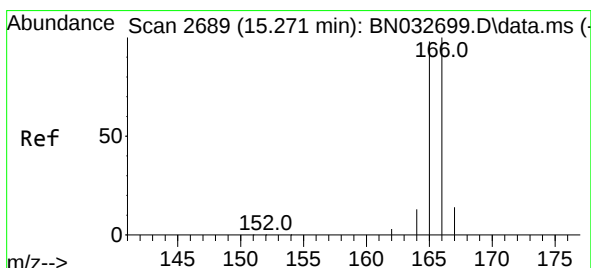
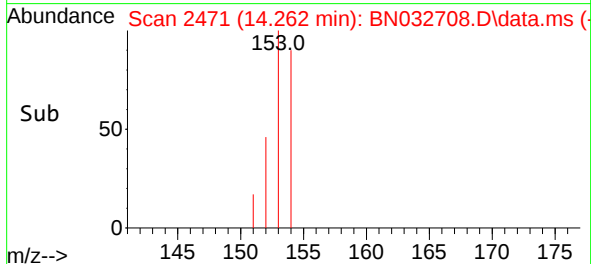
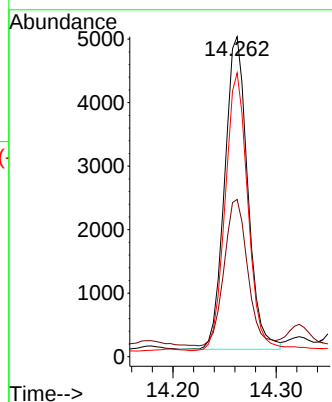
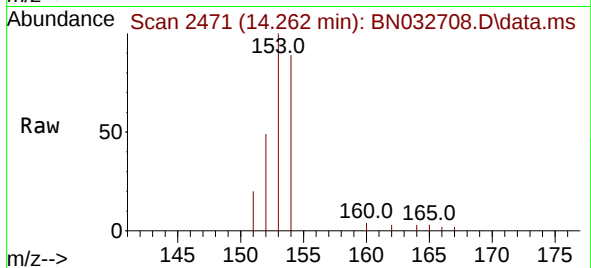
A4CB3DL

Tgt Ion:153	Resp:	763
Ion Ratio	Lower	Upper
153	100	
152	49.2	40.0 60.0
154	88.7	70.2 105.4

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#12

Fluorene

Concen: 0.211 ng/ul

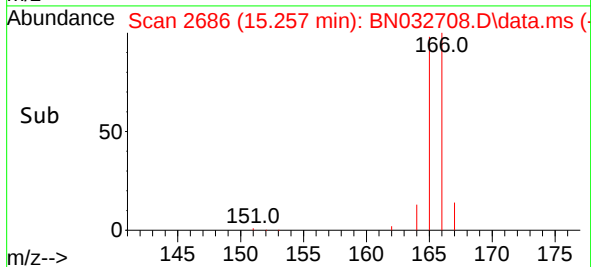
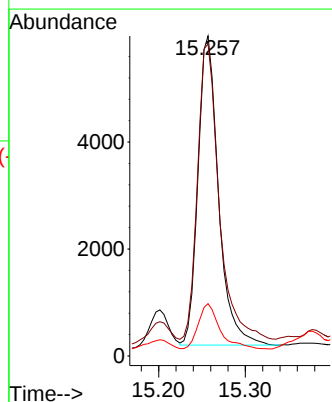
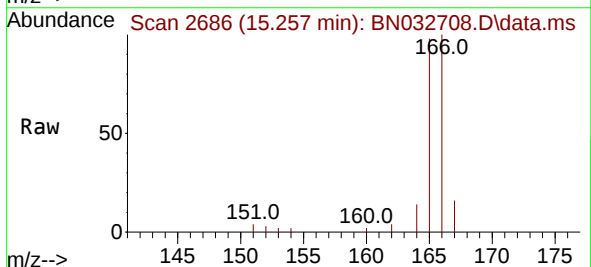
RT: 15.257 min Scan# 2686

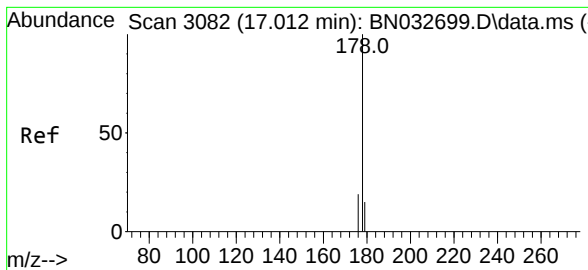
Delta R.T. -0.032 min

Lab File: BN032708.D

Acq: 13 Jul 2024 13:55

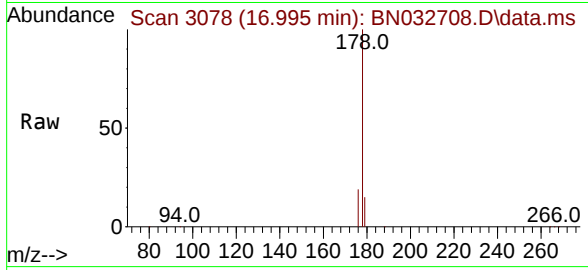
Tgt Ion:166	Resp:	9504
Ion Ratio	Lower	Upper
166	100	
165	97.5	79.7 119.5
167	16.3	11.4 17.2





#15
 Phenanthrene
 Concen: 3.516 ng/u1
 RT: 16.995 min Scan# 3082
 Delta R.T. -0.034 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55

Instrument :
 BNA_N
 ClientSampleId :
 A4CB3DL

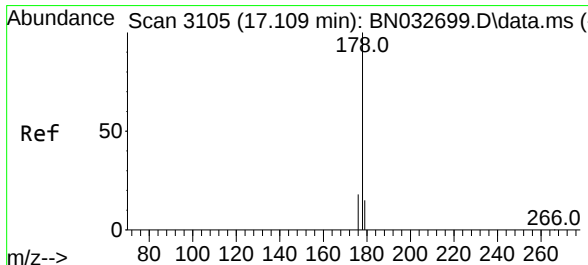
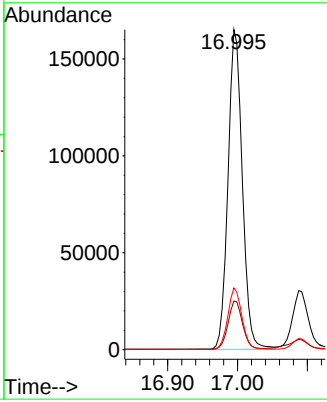
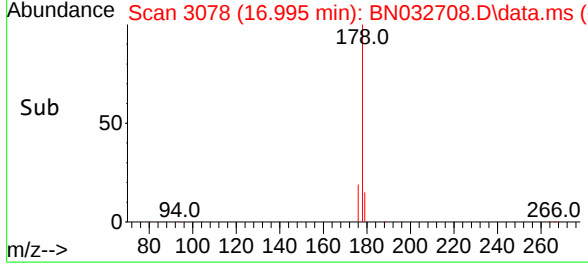


Tgt Ion:178 Resp: 234109

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.4
176	19.3	15.6	23.4

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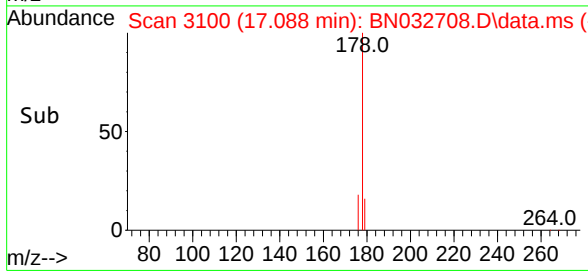
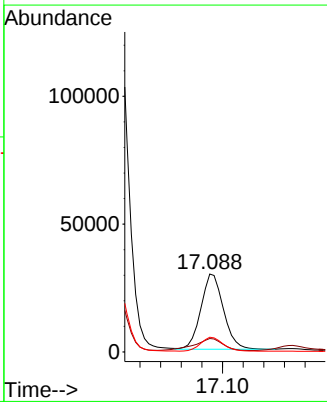
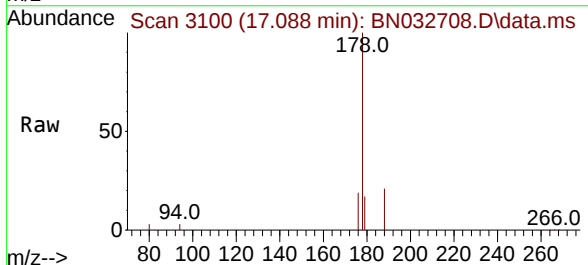
Reviewed By :Jagrut Upadhyay 07/15/2024
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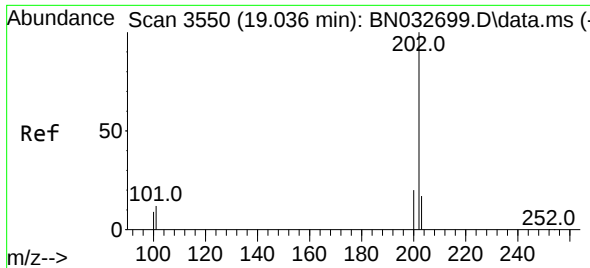


#16
 Anthracene
 Concen: 0.818 ng/u1
 RT: 17.088 min Scan# 3100
 Delta R.T. -0.051 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55

Tgt Ion:178 Resp: 44502

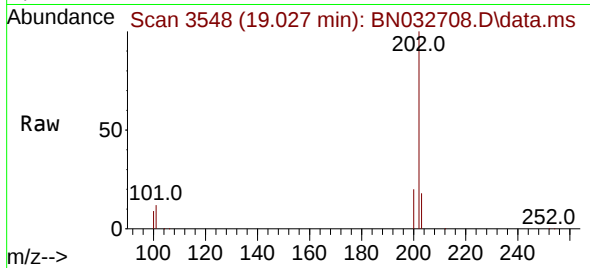
Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.4	20.2
176	18.9	15.4	23.0





#19
Fluoranthene
Concen: 6.150 ng/u1
RT: 19.027 min Scan# 3548
Delta R.T. -0.028 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55

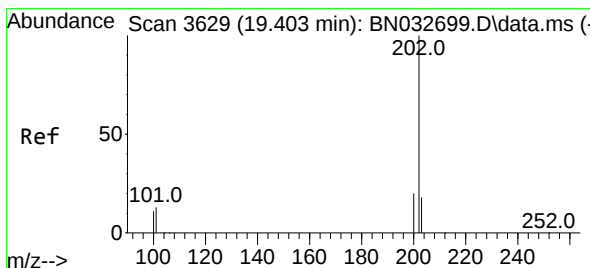
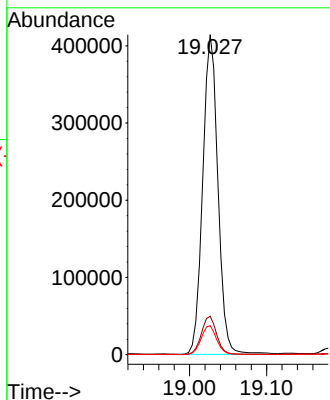
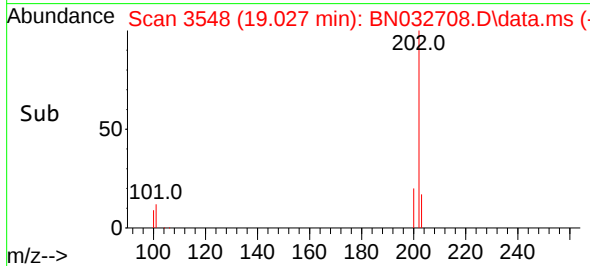
Instrument :
BNA_N
ClientSampleId :
A4CB3DL



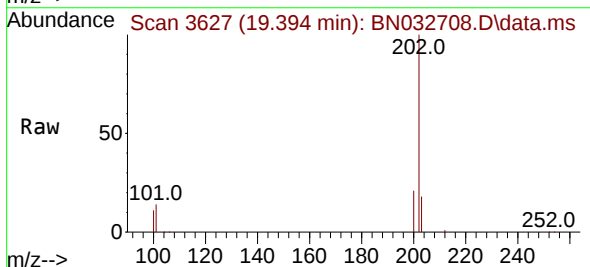
Tgt Ion:202 Resp: 567628
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.8
100 9.1 7.9 11.9

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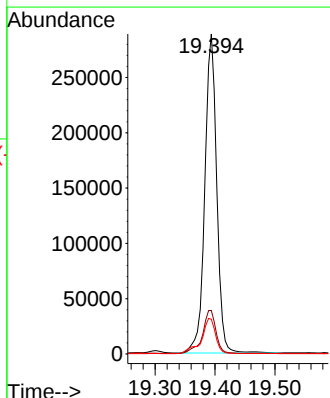
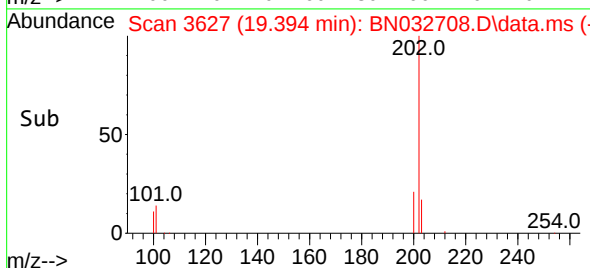
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

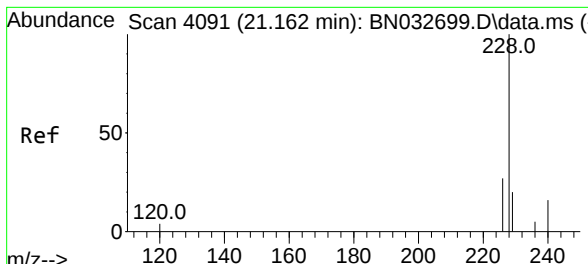


#20
Pyrene
Concen: 4.171 ng/u1
RT: 19.394 min Scan# 3627
Delta R.T. -0.028 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55



Tgt Ion:202 Resp: 398507
Ion Ratio Lower Upper
202 100
101 13.6 11.8 17.6
100 10.9 9.6 14.4





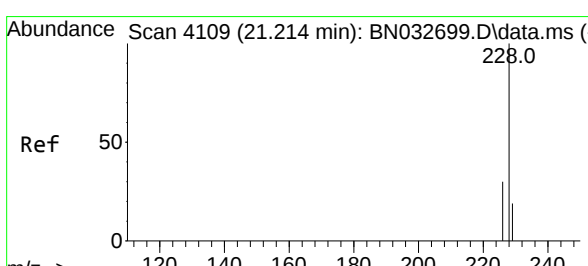
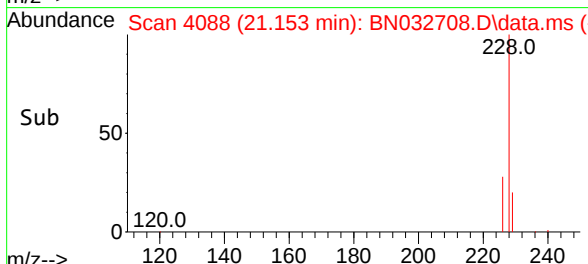
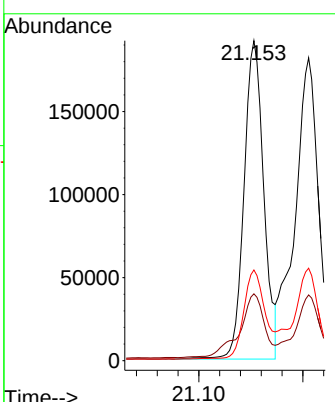
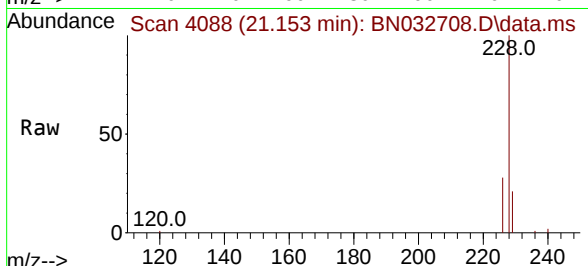
#21
 Benzo(a)anthracene
 Concen: 3.487 ng/ul
 RT: 21.153 min Scan# 4088
 Delta R.T. -0.029 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55

Instrument : BNA_N
 ClientSampleId : A4CB3DL

Tgt Ion:228 Resp: 25197

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.1	24.1
226	28.4	21.9	32.9

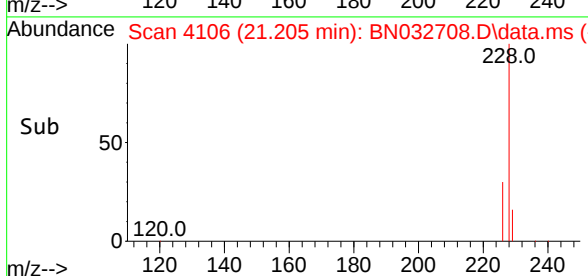
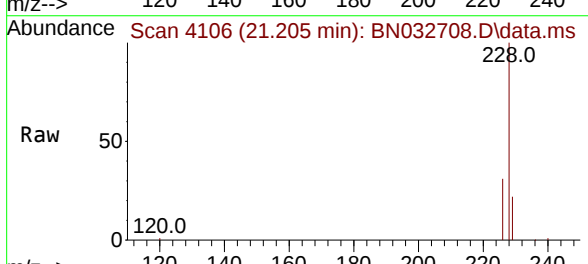
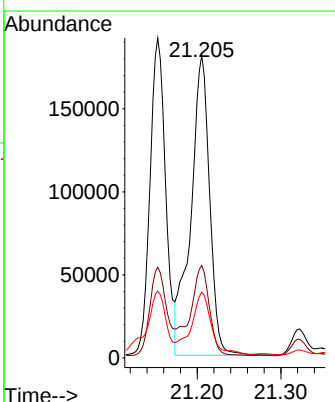
Manual Integrations
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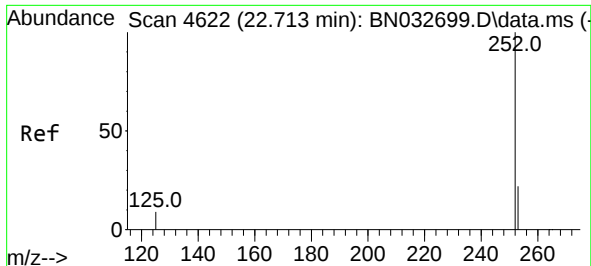


#22
 Chrysene
 Concen: 2.705 ng/ul
 RT: 21.205 min Scan# 4106
 Delta R.T. -0.026 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55

Tgt Ion:228 Resp: 282739

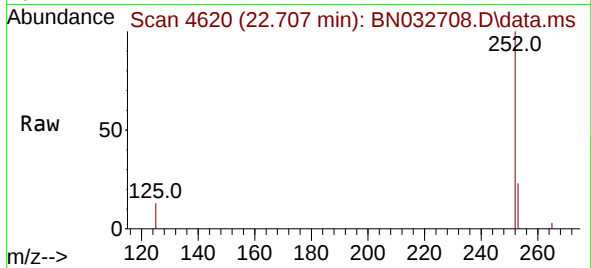
Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.7	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 4.221 ng/ul m
RT: 22.707 min Scan# 4620
Delta R.T. -0.026 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55

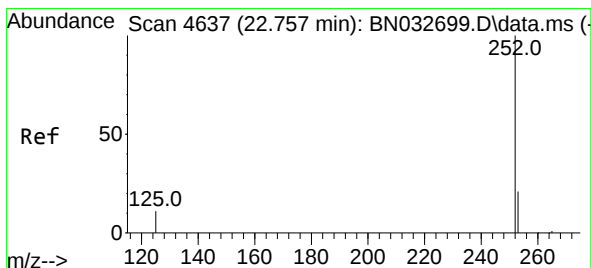
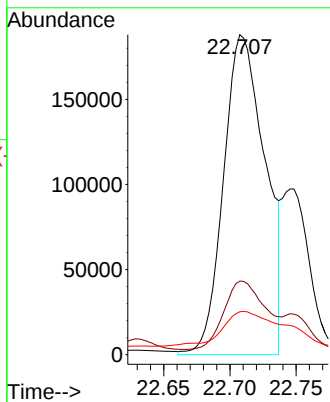
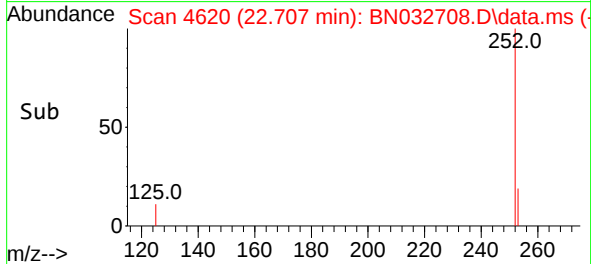
Instrument :
BNA_N
ClientSampleId :
A4CB3DL



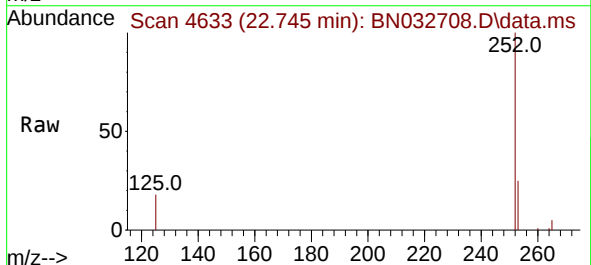
Tgt Ion:252 Resp: 41131
Ion Ratio Lower Upper
252 100
253 23.0 0.0 54.0
125 13.4 0.0 36.0

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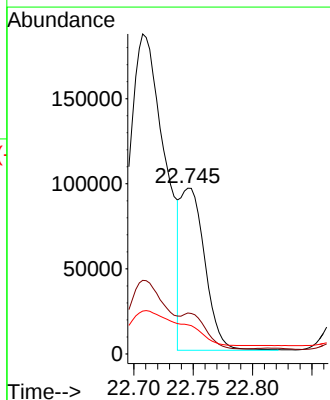
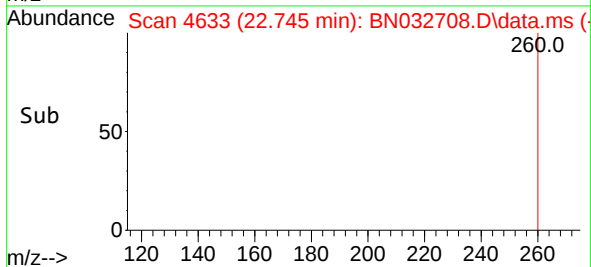
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

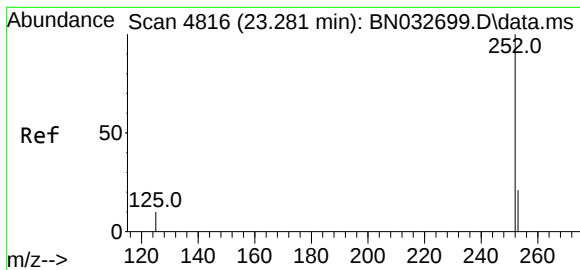


#25
Benzo(k)fluoranthene
Concen: 1.144 ng/ul m
RT: 22.745 min Scan# 4633
Delta R.T. -0.032 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55



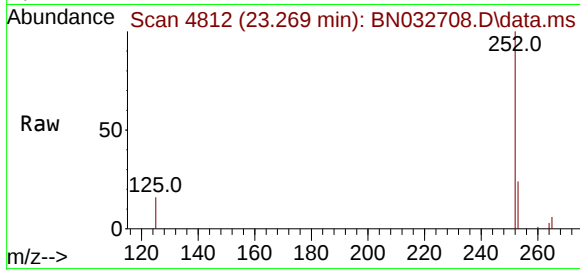
Tgt Ion:252 Resp: 135901
Ion Ratio Lower Upper
252 100
253 24.7 21.2 31.8
125 17.6 14.8 22.2





#26
Benzo(a)pyrene
Concen: 2.154 ng/ul
RT: 23.269 min Scan# 4812
Delta R.T. -0.041 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55

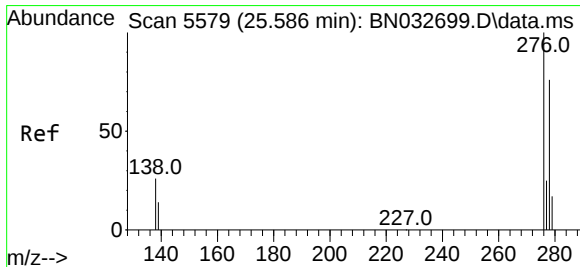
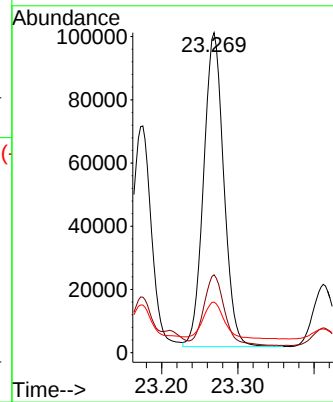
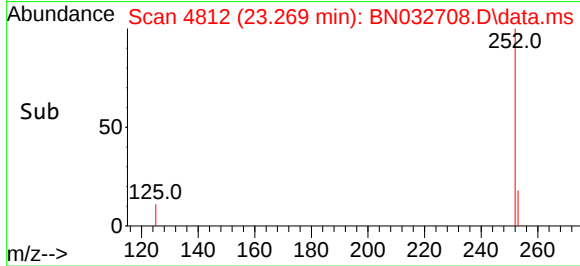
Instrument :
BNA_N
ClientSampleId :
A4CB3DL



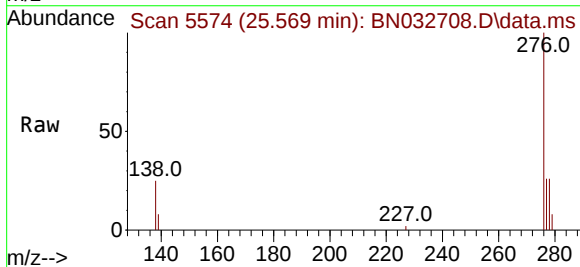
Tgt Ion:252 Resp: 181638
Ion Ratio Lower Upper
252 100
253 24.3 25.4 38.0
125 15.8 20.6 30.8

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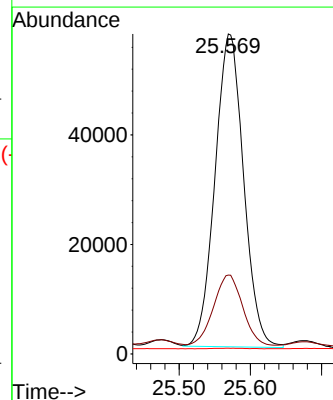
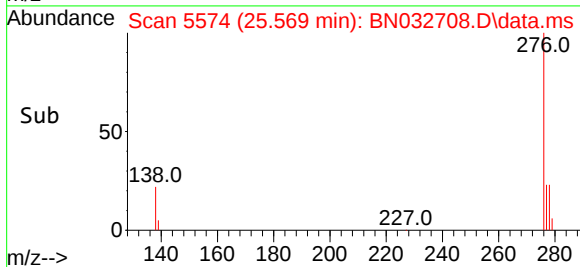
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024

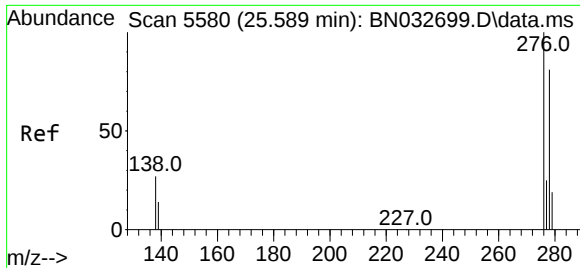


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.396 ng/ul
RT: 25.569 min Scan# 5574
Delta R.T. -0.057 min
Lab File: BN032708.D
Acq: 13 Jul 2024 13:55



Tgt Ion:276 Resp: 159419
Ion Ratio Lower Upper
276 100
138 22.9 21.6 32.4
227 0.2 0.0 0.0





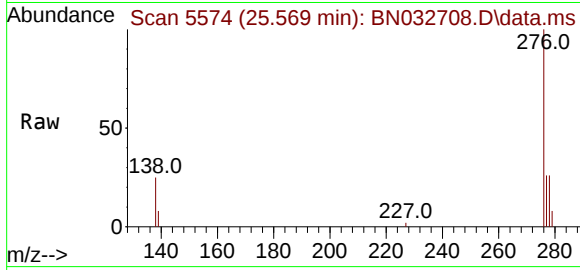
#28
 Dibenzo(a,h)anthracene
 Concen: 0.552 ng/ul
 RT: 25.569 min Scan# 51
 Delta R.T. -0.071 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55

Instrument :

BNA_N

ClientSampleId :

A4CB3DL

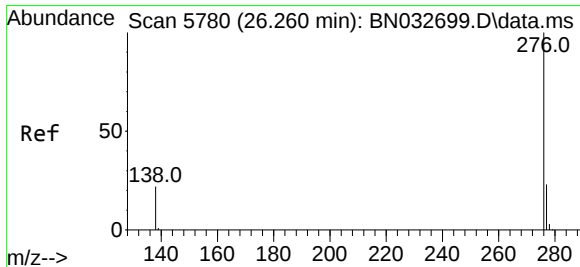
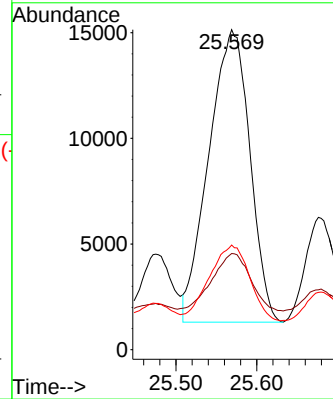
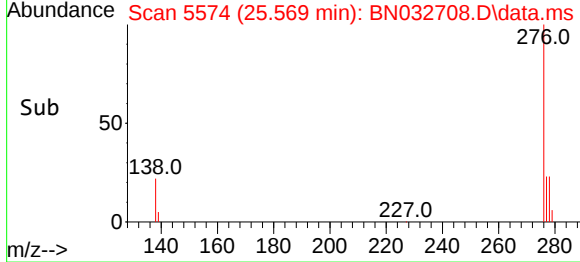


Tgt Ion:278 Resp: 48825
 Ion Ratio Lower Upper
 278 100
 139 30.0 16.6 24.8
 279 32.7 23.7 35.5

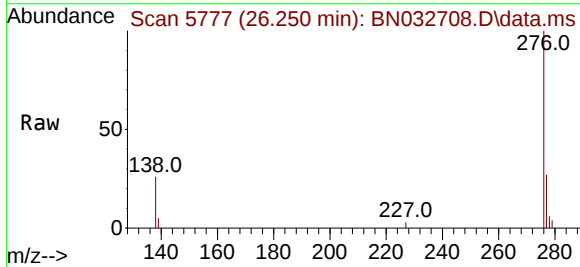
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 Supervised By :mohammad ahmed 07/16/2024



#29
 Benzo(g,h,i)perylene
 Concen: 1.089 ng/ul
 RT: 26.250 min Scan# 5777
 Delta R.T. -0.050 min
 Lab File: BN032708.D
 Acq: 13 Jul 2024 13:55



Tgt Ion:276 Resp: 103913
 Ion Ratio Lower Upper
 276 100
 138 26.3 21.0 31.4
 277 26.7 20.6 31.0

