

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032705.D
 Acq On : 13 Jul 2024 12:06
 Operator : MA/JU
 Sample : P3125-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 08:56:30 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	7.544	152	6852	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.315	136	20516	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.196	164	12086	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	24906m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.169	240	20106m	0.400	ng/ul	-0.02
23) Perylene-d12	23.364	264	25672m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	36599	4.448	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.915	152	9488	0.306	ng/ul	-0.06
18) Fluoranthene-d10	18.993	212	21137	0.323	ng/ul	-0.03
Target Compounds					Qvalue	
5) Naphthalene	10.364	128	54877	0.996	ng/ul	97
7) 2-Methylnaphthalene	11.992	142	22650	0.659	ng/ul	97
8) 1-Methylnaphthalene	12.212	142	12688	0.357	ng/ul	99
10) Acenaphthylene	13.919	152	100508	2.058	ng/ul	99
11) Acenaphthene	14.261	153	14446	0.358	ng/ul	100
12) Fluorene	15.256	166	22305	0.483	ng/ul#	98
14) Pentachlorophenol	16.626	266	729m	0.167	ng/ul	
15) Phenanthrene	16.994	178	458542m	6.760	ng/ul	
16) Anthracene	17.087	178	123059m	2.221	ng/ul	
19) Fluoranthene	19.026	202	952316	11.650	ng/ul	98
20) Pyrene	19.393	202	576699	6.816	ng/ul	97
21) Benzo(a)anthracene	21.152	228	492654m	7.698	ng/ul	
22) Chrysene	21.204	228	573071	6.190	ng/ul	96
24) Benzo(b)fluoranthene	22.709	252	802255m	8.857	ng/ul	
25) Benzo(k)fluoranthene	22.744	252	284029m	2.573	ng/ul	
26) Benzo(a)pyrene	23.268	252	214283	2.734	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.575	276	255878	2.411	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.571	278	118455	1.440	ng/ul#	86
29) Benzo(g,h,i)perylene	26.259	276	35803	0.404	ng/ul#	76

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

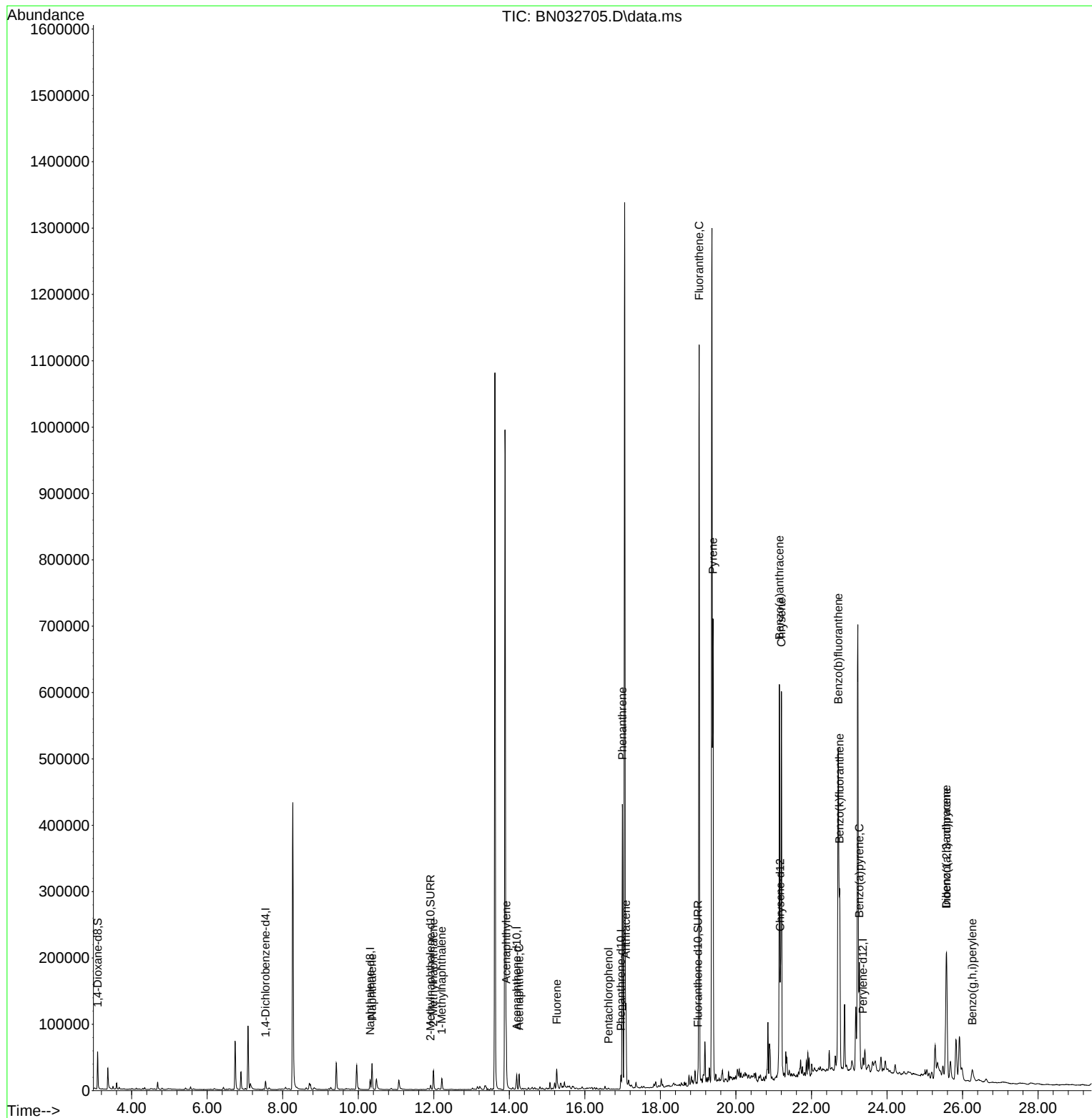
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032705.D
Acq On : 13 Jul 2024 12:06
Operator : MA/JU
Sample : P3125-01
Misc :
ALS Vial : 46 Sample Multiplier: 1

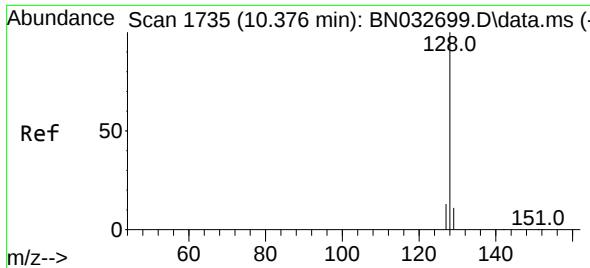
Instrument :
BNA_N
ClientSampleId :
A4CZ2

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

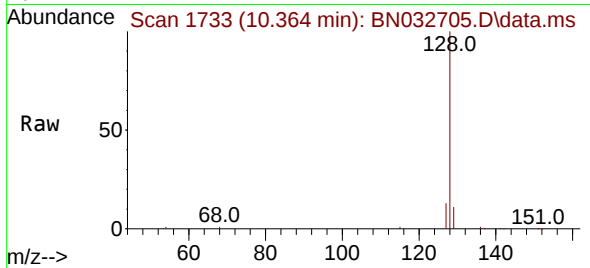
Quant Time: Jul 15 08:56:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.996 ng/ul
RT: 10.364 min Scan# 1733
Delta R.T. -0.045 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

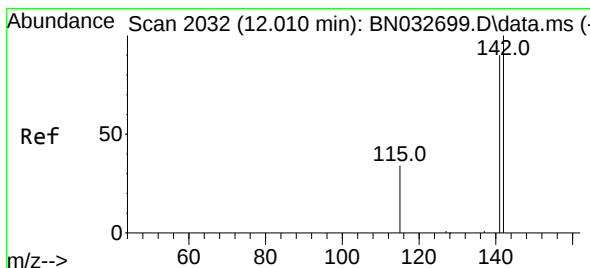
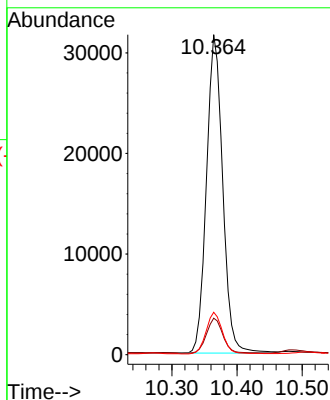
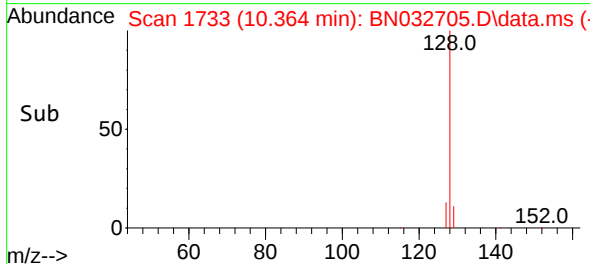
Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:128 Resp: 5487
Ion Ratio Lower Upper
128 100
129 11.4 10.0 15.0
127 13.2 11.6 17.4

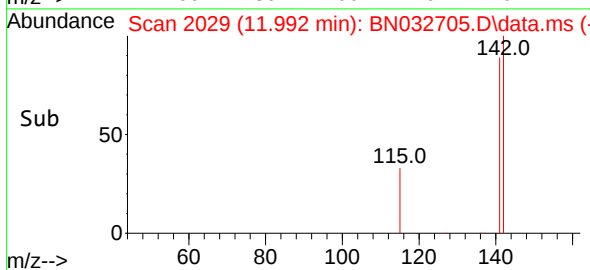
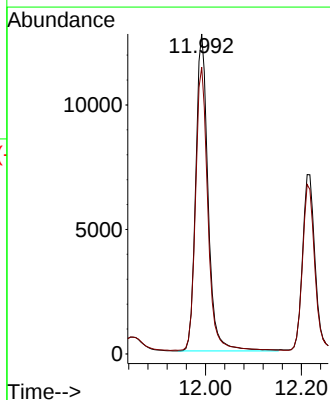
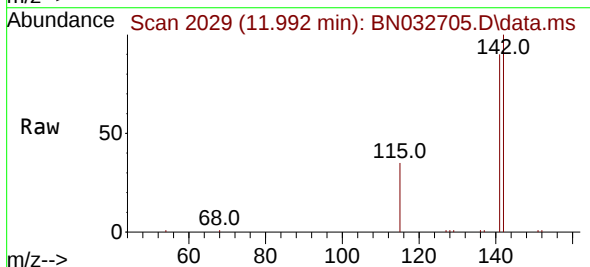
Manual Integrations
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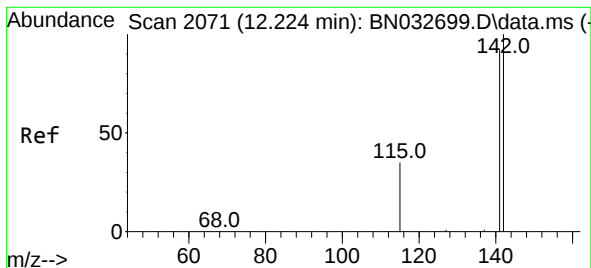
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#7
2-Methylnaphthalene
Concen: 0.659 ng/ul
RT: 11.992 min Scan# 2029
Delta R.T. -0.056 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Tgt Ion:142 Resp: 22650
Ion Ratio Lower Upper
142 100
141 89.2 74.0 111.0





#8

1-Methylnaphthalene

Concen: 0.357 ng/ul

RT: 12.212 min Scan# 2069

Delta R.T. -0.034 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

Instrument :

BNA_N

ClientSampleId :

A4CZ2

Tgt Ion:142 Resp: 1268

Ion Ratio Lower Upper

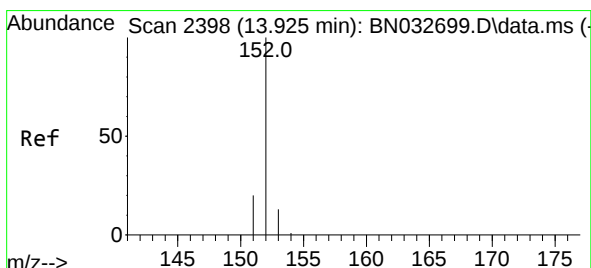
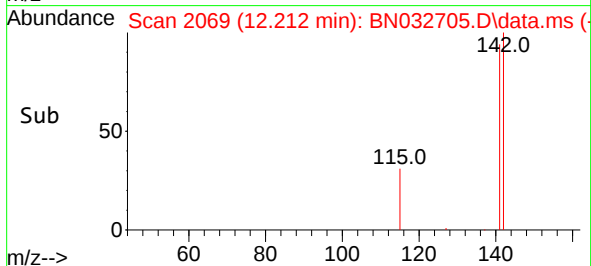
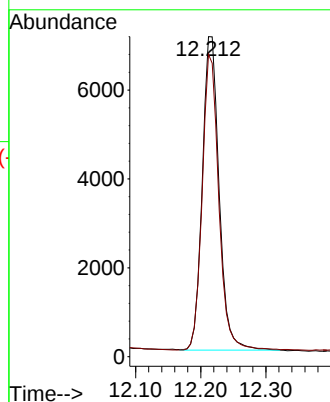
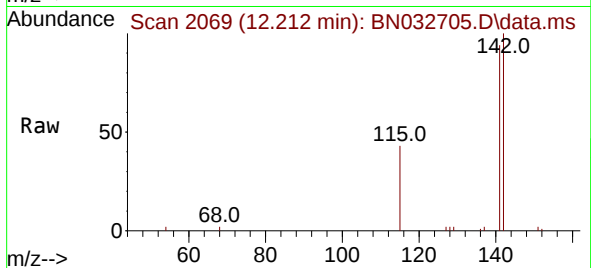
142 100

141 93.0 75.0 112.4

Manual Integrations

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



#10

Acenaphthylene

Concen: 2.058 ng/ul

RT: 13.919 min Scan# 2397

Delta R.T. -0.024 min

Lab File: BN032705.D

Acq: 13 Jul 2024 12:06

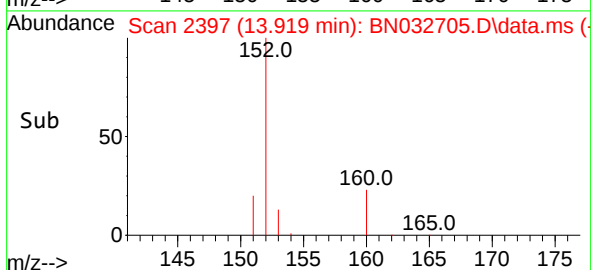
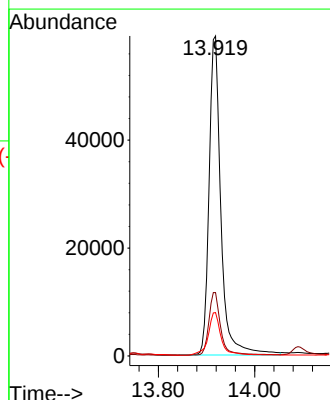
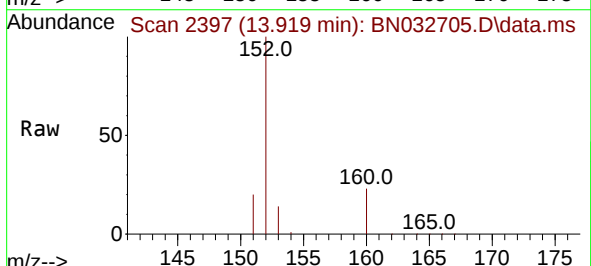
Tgt Ion:152 Resp: 100508

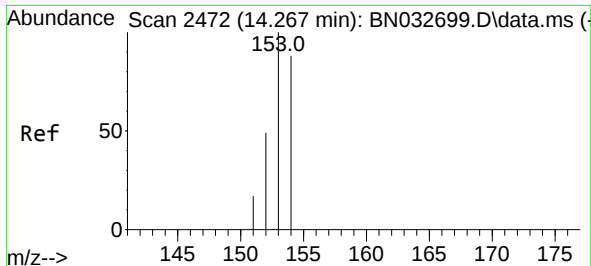
Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

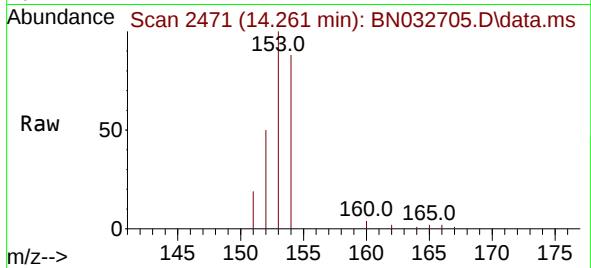
153 13.5 11.3 16.9





#11
Acenaphthene
Concen: 0.358 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

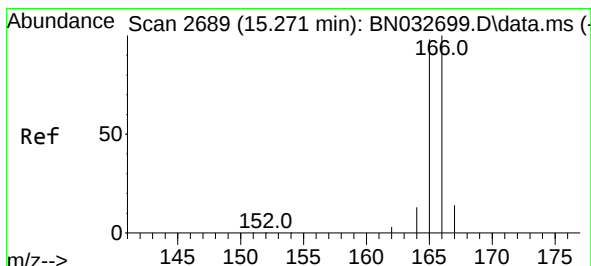
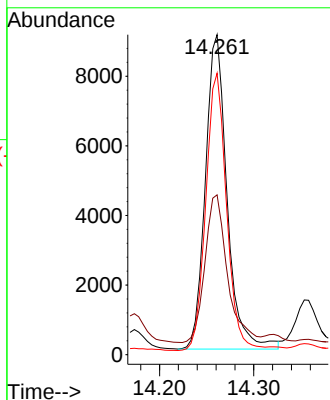
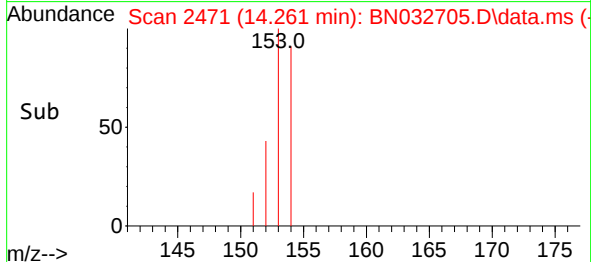
Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:153 Resp: 14440
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 88.0 70.2 105.4

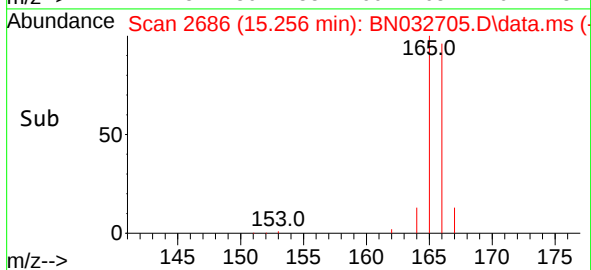
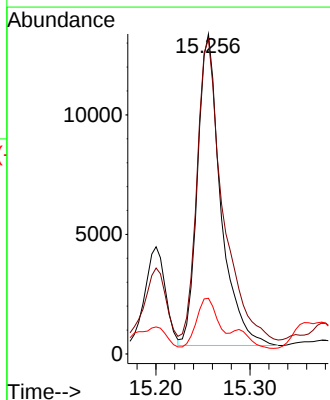
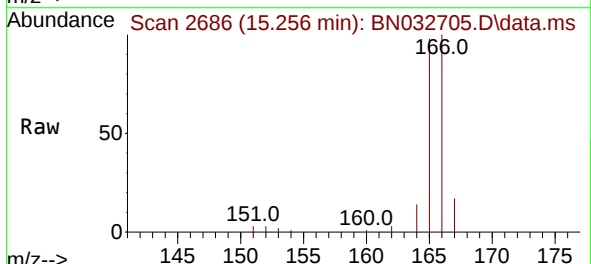
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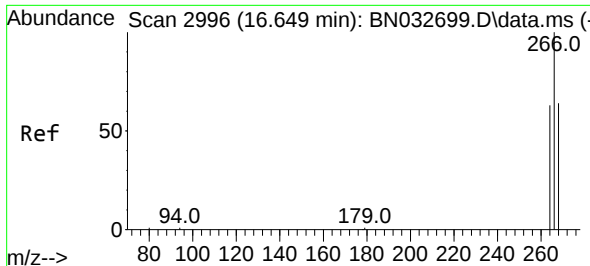
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#12
Fluorene
Concen: 0.483 ng/ul
RT: 15.256 min Scan# 2686
Delta R.T. -0.034 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

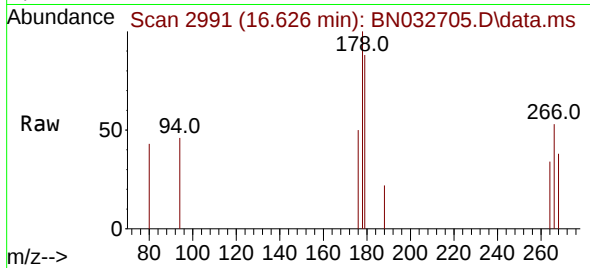
Tgt Ion:166 Resp: 22305
Ion Ratio Lower Upper
166 100
165 98.3 79.7 119.5
167 17.4 11.4 17.2#





#14
Pentachlorophenol
Concen: 0.167 ng/ul m
RT: 16.626 min Scan# 2996
Delta R.T. -0.043 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

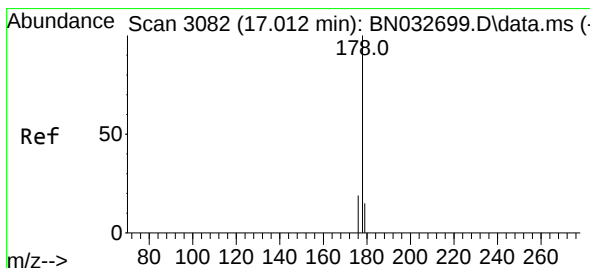
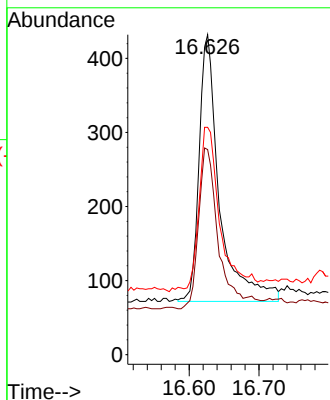
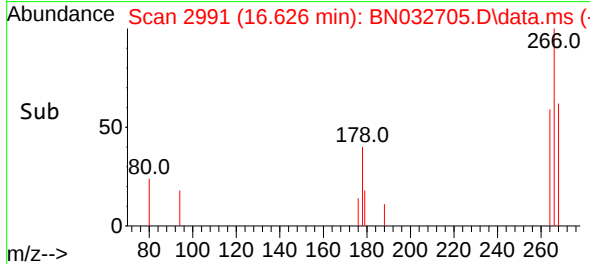
Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:266 Resp: 729
Ion Ratio Lower Upper
266 100
264 0.0 49.4 74.2
268 0.0 51.6 77.4

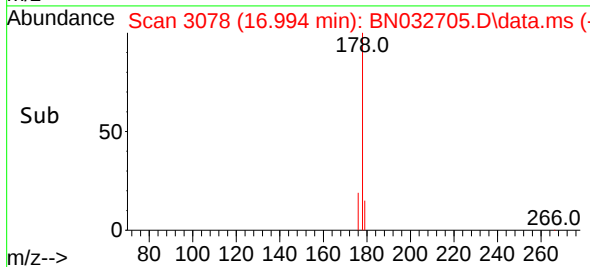
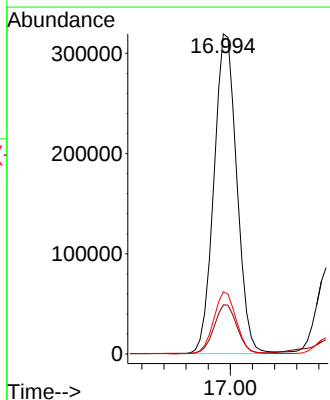
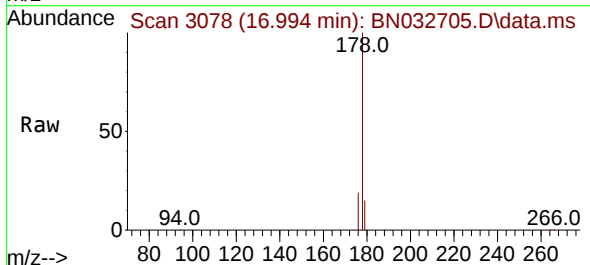
Manual Integrations
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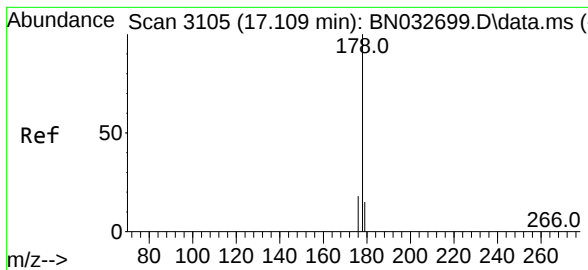
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#15
Phenanthrene
Concen: 6.760 ng/ul m
RT: 16.994 min Scan# 3078
Delta R.T. -0.035 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

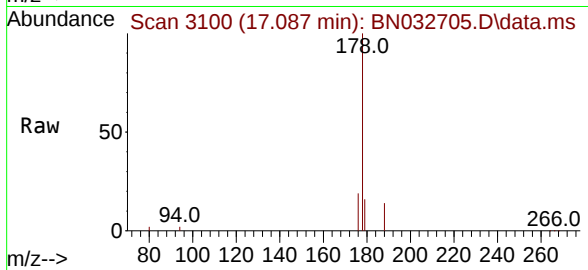
Tgt Ion:178 Resp: 458542
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.4 15.6 23.4





#16
 Anthracene
 Concen: 2.221 ng/ul m
 RT: 17.087 min Scan# 3100
 Delta R.T. -0.052 min
 Lab File: BN032705.D
 Acq: 13 Jul 2024 12:06

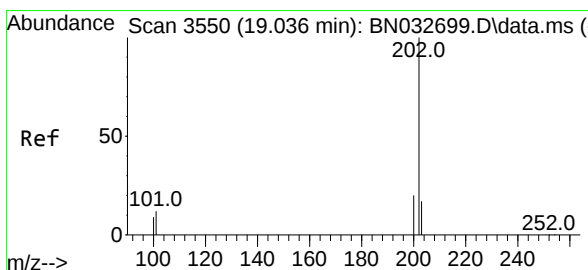
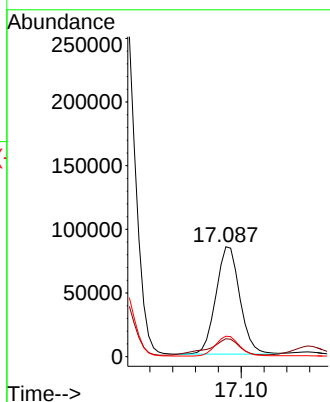
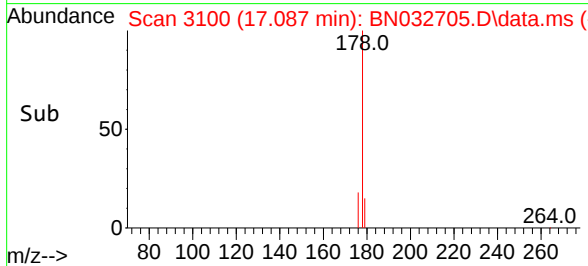
Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2



Tgt Ion:	178	Resp:	123059
Ion Ratio	Lower	Upper	
178	100		
179	16.3	13.4	20.2
176	18.6	15.4	23.0

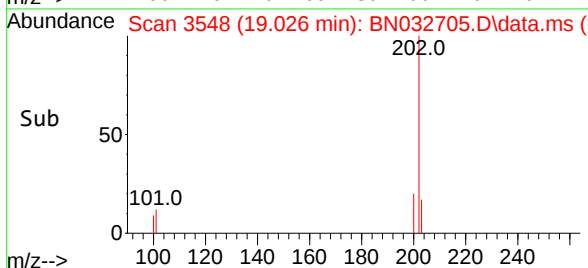
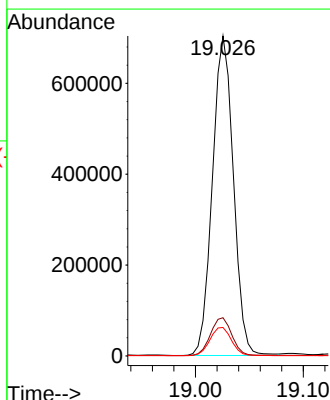
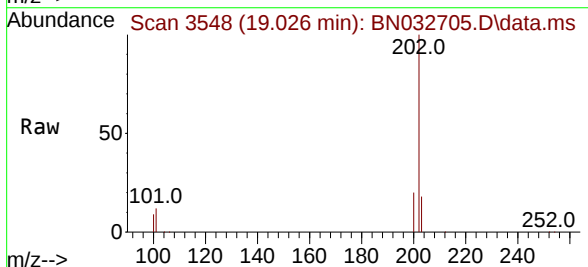
Manual Integrations
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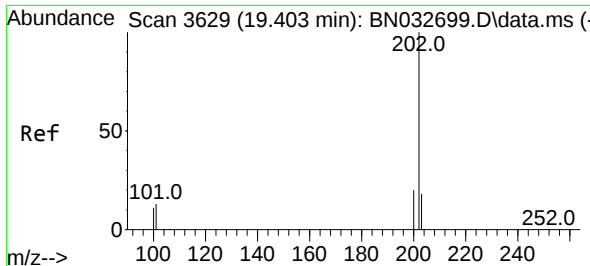
Reviewed By :Jagrut Upadhyay 07/15/2024
 Supervised By :mohammad ahmed 07/16/2024



#19
 Fluoranthene
 Concen: 11.650 ng/ul
 RT: 19.026 min Scan# 3548
 Delta R.T. -0.029 min
 Lab File: BN032705.D
 Acq: 13 Jul 2024 12:06

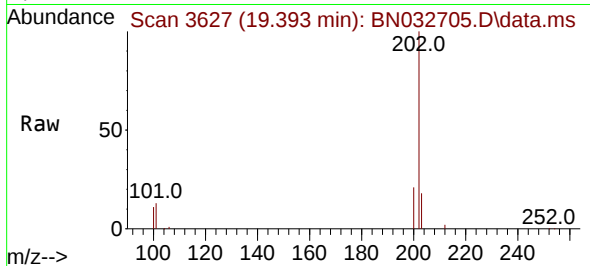
Tgt Ion:	202	Resp:	952316
Ion Ratio	Lower	Upper	
202	100		
101	11.9	9.8	14.8
100	8.9	7.9	11.9





#20
Pyrene
Concen: 6.816 ng/u1
RT: 19.393 min Scan# 30
Delta R.T. -0.029 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

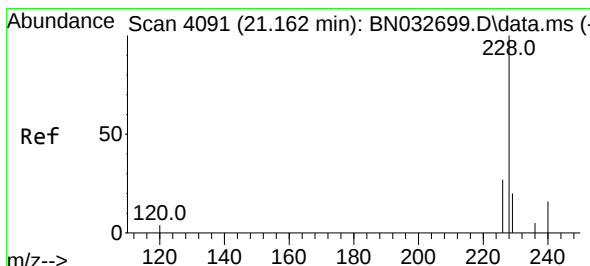
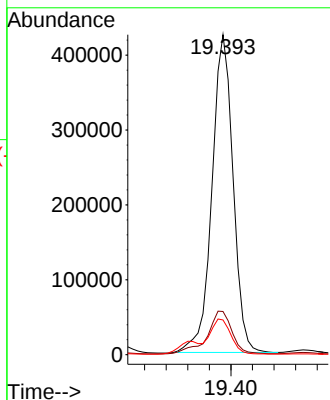
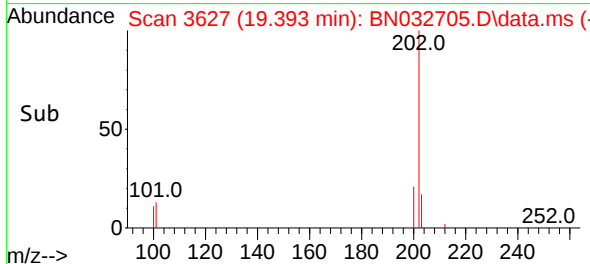
Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:202 Resp: 576699
Ion Ratio Lower Upper
202 100
101 13.5 11.8 17.6
100 10.8 9.6 14.4

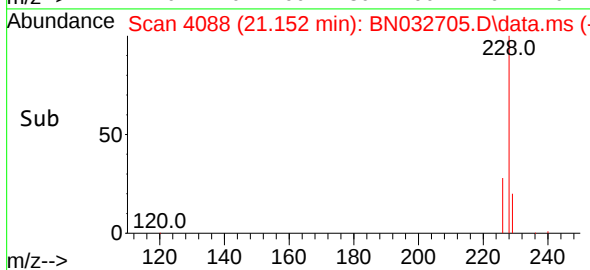
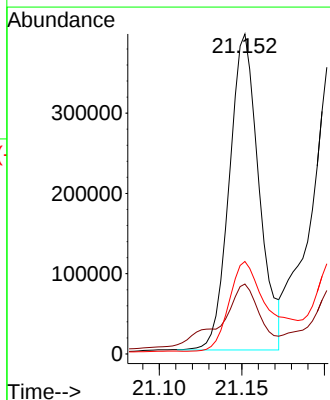
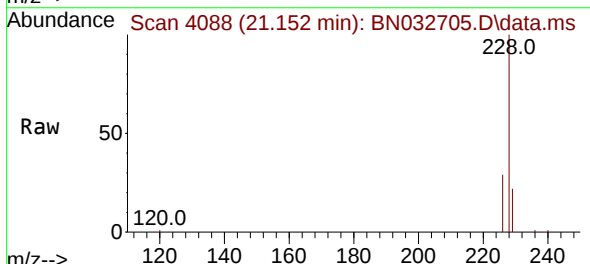
Manual Integrations
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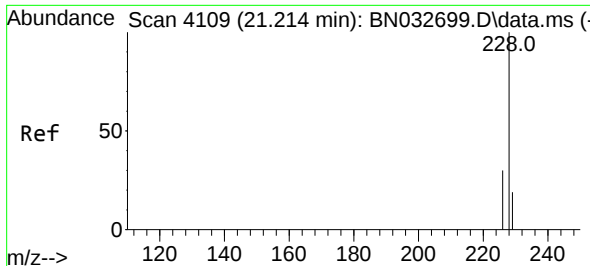
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#21
Benzo(a)anthracene
Concen: 7.698 ng/u1 m
RT: 21.152 min Scan# 4088
Delta R.T. -0.030 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

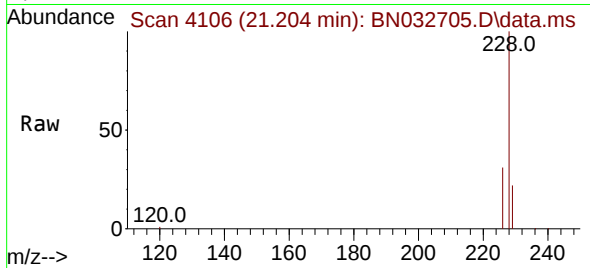
Tgt Ion:228 Resp: 492654
Ion Ratio Lower Upper
228 100
229 21.9 16.1 24.1
226 28.9 21.9 32.9





#22
Chrysene
Concen: 6.190 ng/ul
RT: 21.204 min Scan# 4109
Delta R.T. -0.027 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

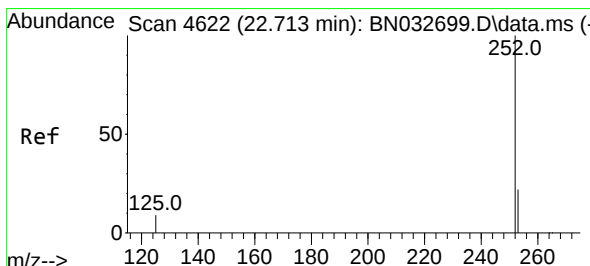
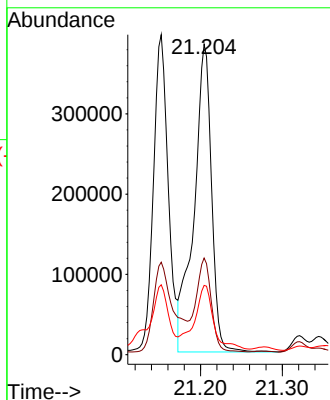
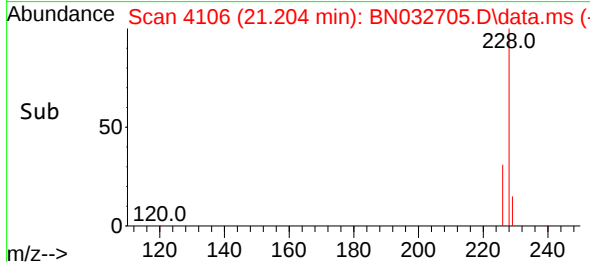
Instrument :
BNA_N
ClientSampleId :
A4CZ2



Tgt Ion:228 Resp: 57307
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.3 15.8 23.6

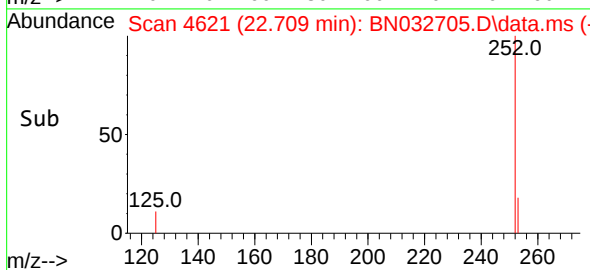
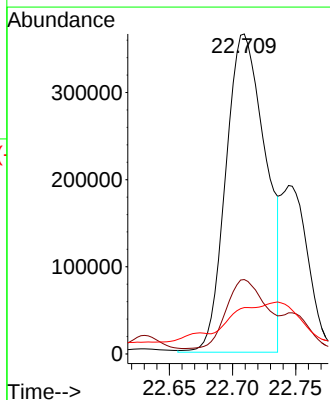
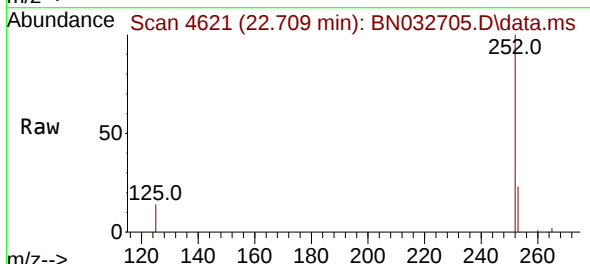
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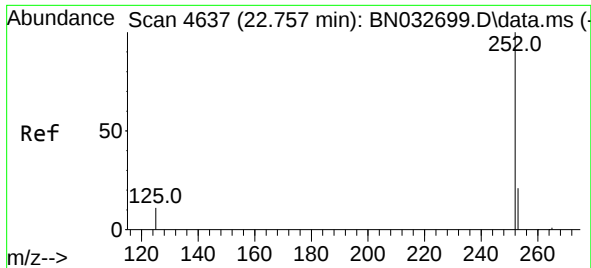
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#24
Benzo(b)fluoranthene
Concen: 8.857 ng/ul m
RT: 22.709 min Scan# 4621
Delta R.T. -0.025 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Tgt Ion:252 Resp: 802255
Ion Ratio Lower Upper
252 100
253 23.3 0.0 54.0
125 14.5 0.0 36.0





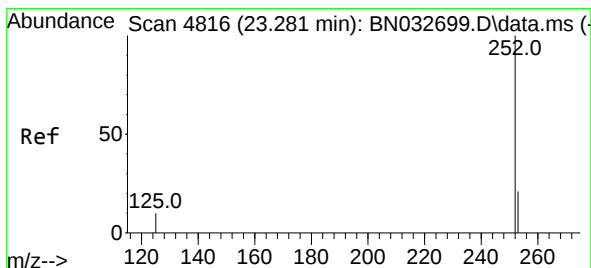
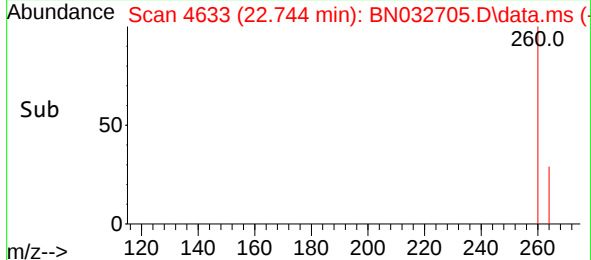
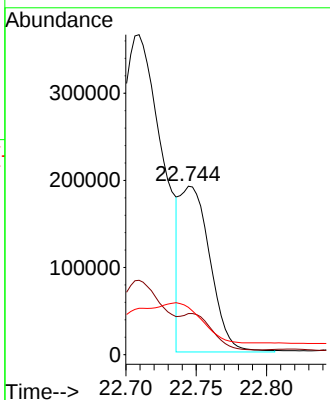
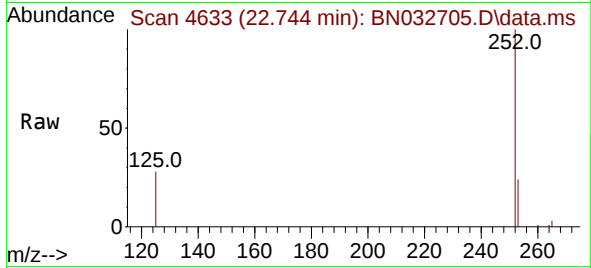
#25
Benzo(k)fluoranthene
Concen: 2.573 ng/ul m
RT: 22.744 min Scan# 4633
Delta R.T. -0.033 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Instrument :
BNA_N
ClientSampleId :
A4CZ2

Tgt Ion:252	Resp:	284029
Ion Ratio	Lower	Upper
252	100	
253	24.4	21.2 31.8
125	28.1	14.8 22.2

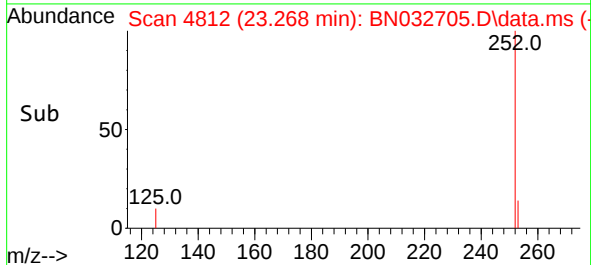
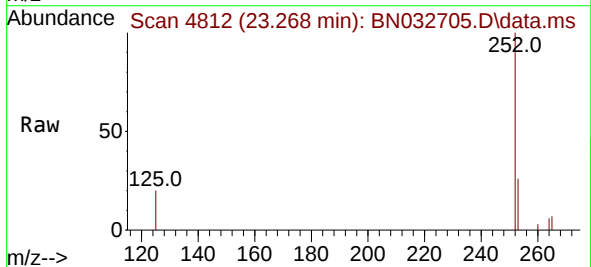
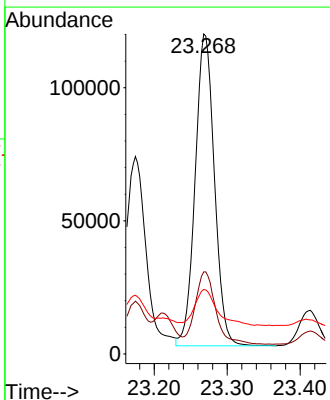
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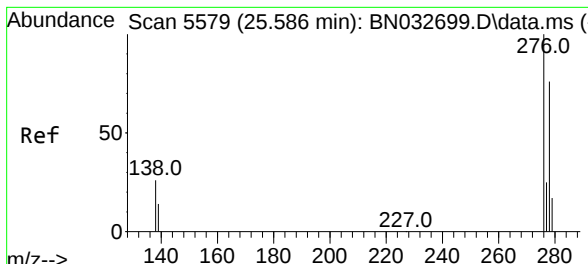
Reviewed By :Jagrut Upadhyay 07/15/2024
Supervised By :mohammad ahmed 07/16/2024



#26
Benzo(a)pyrene
Concen: 2.734 ng/ul
RT: 23.268 min Scan# 4812
Delta R.T. -0.042 min
Lab File: BN032705.D
Acq: 13 Jul 2024 12:06

Tgt Ion:252	Resp:	214283
Ion Ratio	Lower	Upper
252	100	
253	25.6	25.4 38.0
125	20.2	20.6 30.8





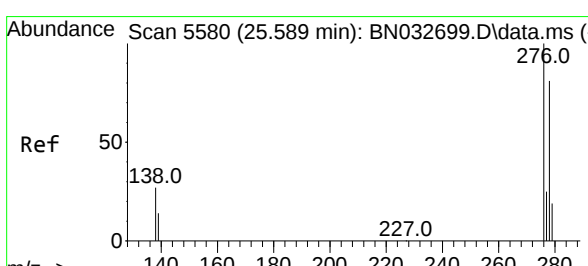
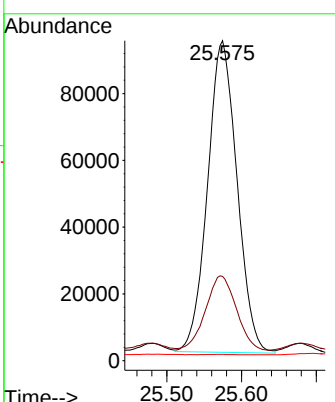
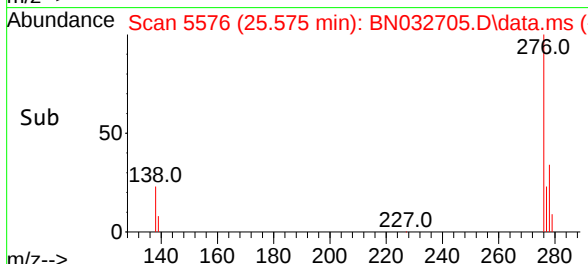
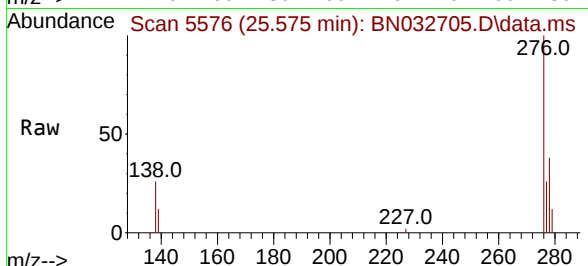
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.411 ng/ul
 RT: 25.575 min Scan# 5576
 Delta R.T. -0.052 min
 Lab File: BN032705.D
 Acq: 13 Jul 2024 12:06

Instrument : BNA_N
 ClientSampleId : A4CZ2

Tgt Ion: 276 Resp: 255878

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.6	32.4
227	0.1	0.0	0.0

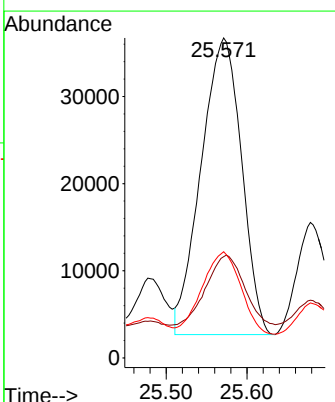
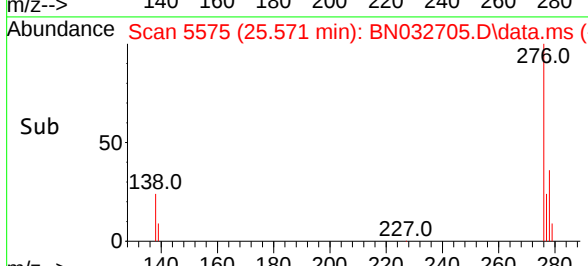
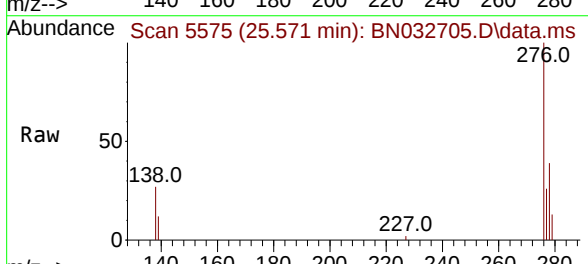
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 Supervised By :mohammad ahmed 07/16/2024

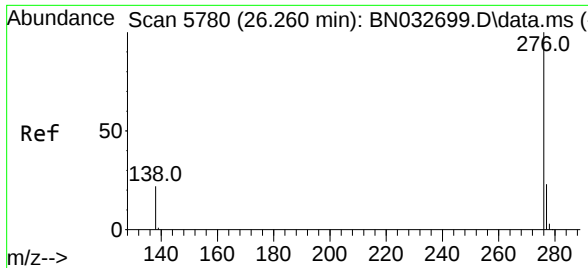


#28
 Dibenzo(a,h)anthracene
 Concen: 1.440 ng/ul
 RT: 25.571 min Scan# 5575
 Delta R.T. -0.068 min
 Lab File: BN032705.D
 Acq: 13 Jul 2024 12:06

Tgt Ion: 278 Resp: 118455

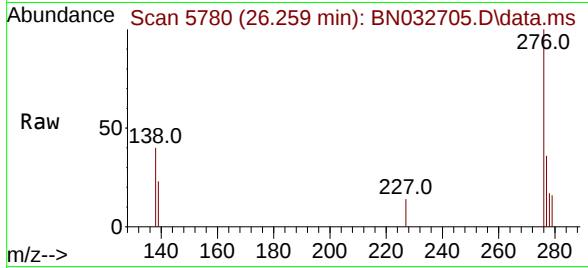
Ion	Ratio	Lower	Upper
278	100		
139	31.7	16.6	24.8
279	33.2	23.7	35.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.404 ng/ul
 RT: 26.259 min Scan# 51
 Delta R.T. -0.041 min
 Lab File: BN032705.D
 Acq: 13 Jul 2024 12:06

Instrument :
 BNA_N
 ClientSampleId :
 A4CZ2



Tgt Ion: 276 Resp: 3580
 Ion Ratio Lower Upper
 276 100
 138 40.1 21.0 31.4
 277 36.4 20.6 31.0

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

