

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
 Data File : BN032766.D
 Acq On : 17 Jul 2024 06:58
 Operator : MA/JU
 Sample : P3100-13
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BX1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :mohammad ahmed 07/19/2024

Quant Time: Jul 17 07:22:31 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 : Wed Jul 17 02:35:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	6148	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.316	136	14963	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.193	164	10462	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	21191m	0.400	ng/ul	0.00
17) Chrysene-d12	21.171	240	18066m	0.400	ng/ul	0.00
23) Perylene-d12	23.368	264	24727m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	30320	4.107	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.916	152	5802	0.257	ng/ul	-0.02
18) Fluoranthene-d10	18.994	212	16347m	0.278	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.360	128	10635	0.265	ng/ul	100
7) 2-Methylnaphthalene	11.988	142	3852	0.154	ng/ul	97
8) 1-Methylnaphthalene	12.213	142	3356	0.129	ng/ul	100
10) Acenaphthylene	13.915	152	37250	0.881	ng/ul	100
11) Acenaphthene	14.258	153	18503	0.529	ng/ul	99
12) Fluorene	15.252	166	23049	0.577	ng/ul	98
15) Phenanthrene	16.995	178	543379m	9.415	ng/ul	
16) Anthracene	17.088	178	107798m	2.286	ng/ul	
19) Fluoranthene	19.027	202	1397317m	19.023	ng/ul	
20) Pyrene	19.394	202	962251m	12.656	ng/ul	
21) Benzo(a)anthracene	21.153	228	665313m	11.569	ng/ul	
22) Chrysene	21.206	228	785701m	9.445	ng/ul	
24) Benzo(b)fluoranthene	22.713	252	1148789m	13.167	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	398826m	3.751	ng/ul	
26) Benzo(a)pyrene	23.275	252	376675m	4.989	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.586	276	384438m	3.760	ng/ul	
28) Dibenzo(a,h)anthracene	25.579	278	146694m	1.851	ng/ul	
29) Benzo(g,h,i)perylene	26.267	276	54245m	0.635	ng/ul	

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

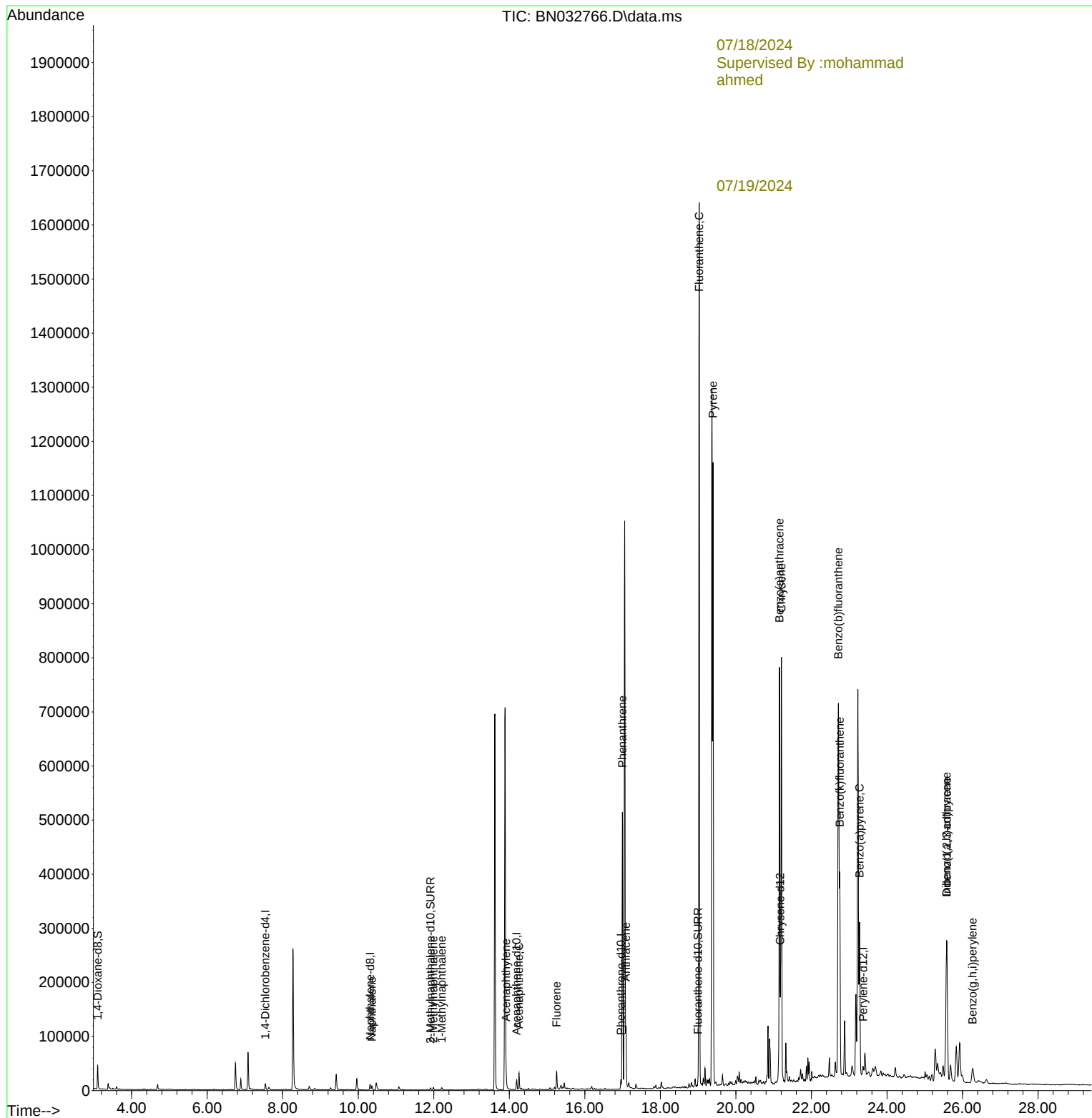
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071624\
Data File : BN032766.D
Acq On : 17 Jul 2024 06:58
Operator : MA/JU
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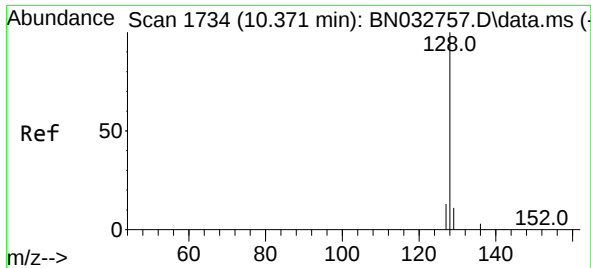
Instrument :
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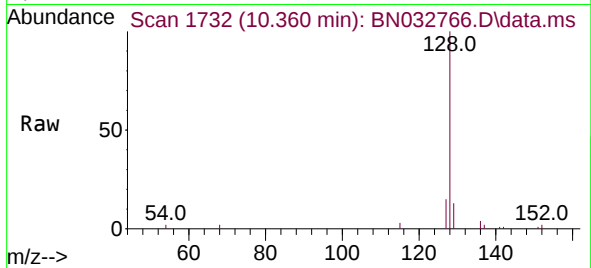
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.265 ng/ul
RT: 10.360 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

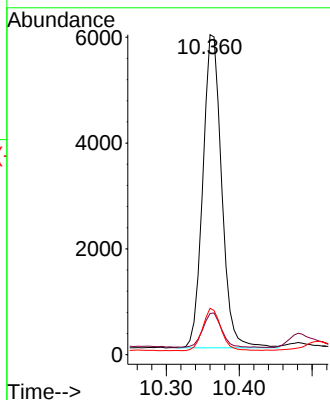
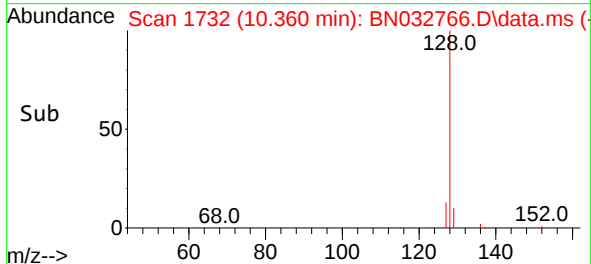
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:128 Resp: 1063
Ion Ratio Lower Upper
128 100
129 12.8 10.0 15.0
127 14.5 11.6 17.4

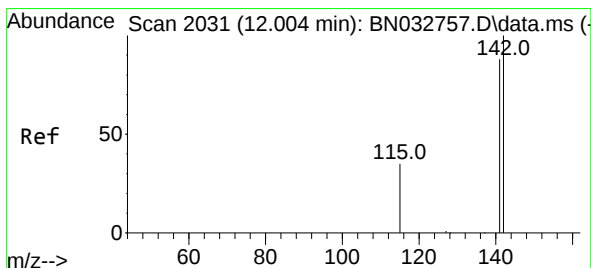
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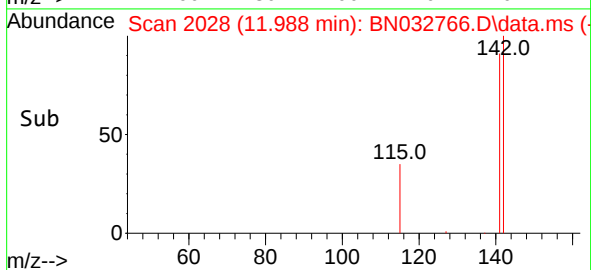
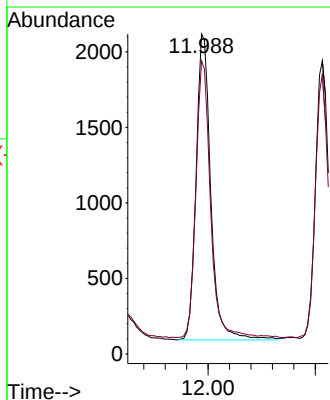
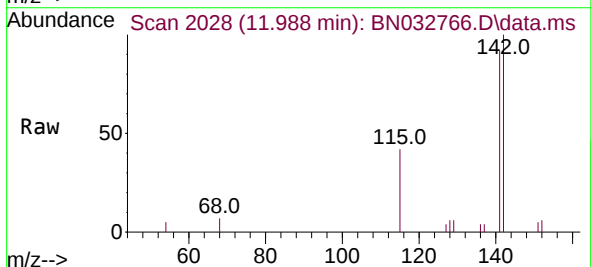
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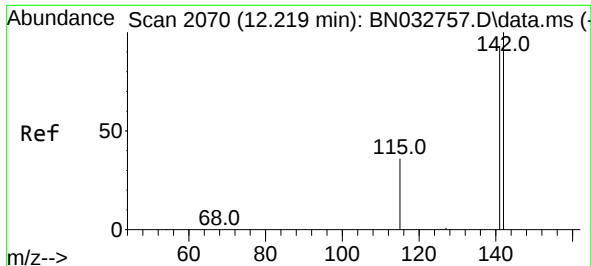
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#7
2-Methylnaphthalene
Concen: 0.154 ng/ul
RT: 11.988 min Scan# 2028
Delta R.T. -0.017 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

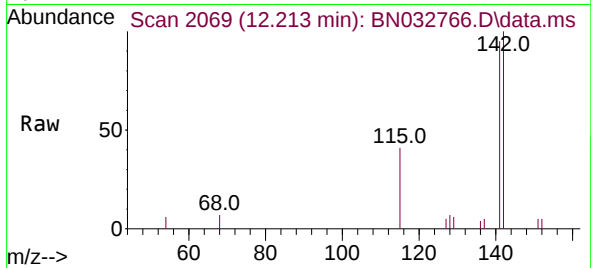
Tgt Ion:142 Resp: 3852
Ion Ratio Lower Upper
142 100
141 89.7 74.0 111.0





#8
1-Methylnaphthalene
Concen: 0.129 ng/ul
RT: 12.213 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

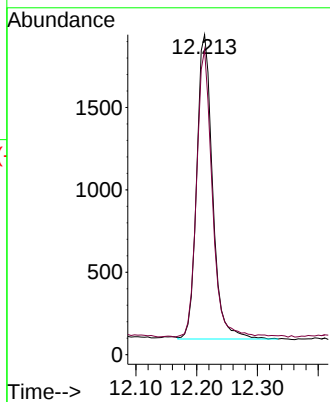
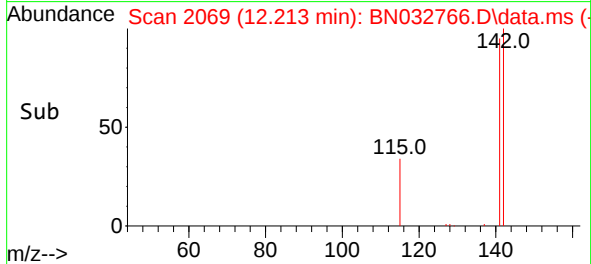
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:142 Resp: 3350
Ion Ratio Lower Upper
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141 93.3 75.0 112.4

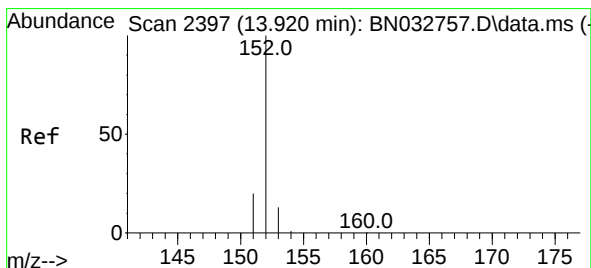
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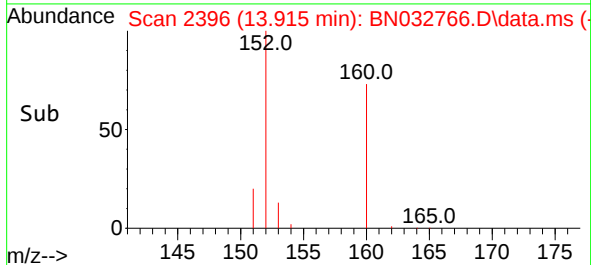
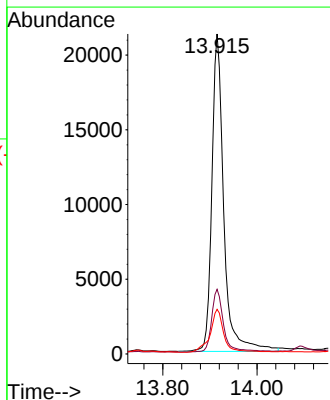
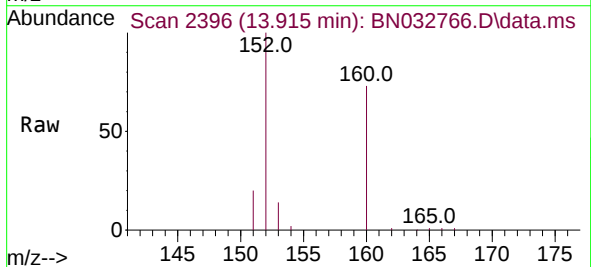
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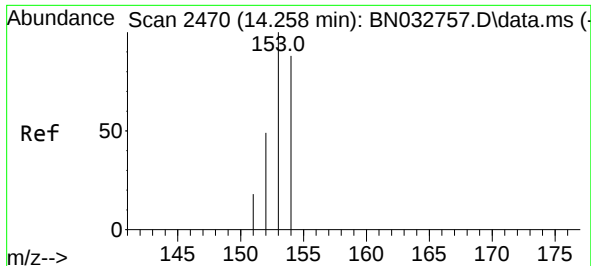
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#10
Acenaphthylene
Concen: 0.881 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. -0.005 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

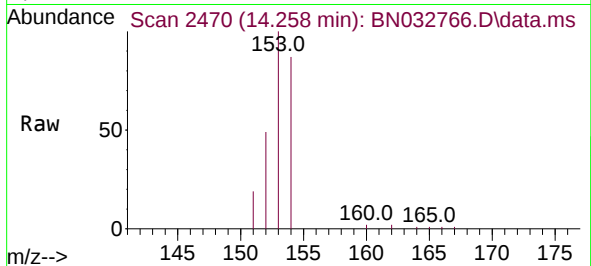
Tgt Ion:152 Resp: 37250
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 13.9 11.3 16.9





#11
Acenaphthene
Concen: 0.529 ng/ul
RT: 14.258 min Scan# 2470
Delta R.T. -0.000 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

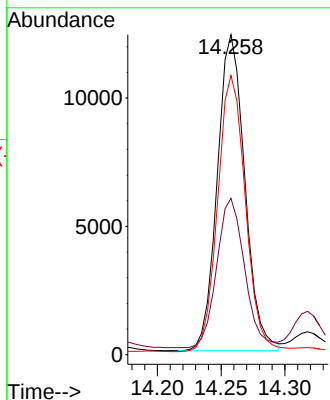
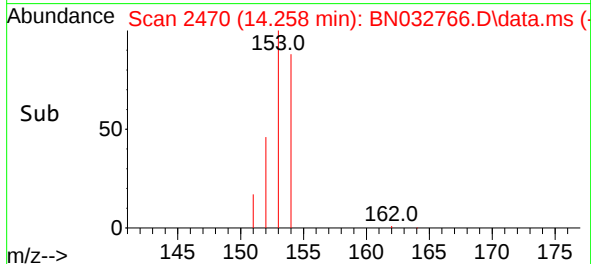
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:153 Resp: 1850
Ion Ratio Lower Upper
153 100
152 48.8 40.0 60.0
154 87.2 70.2 105.4

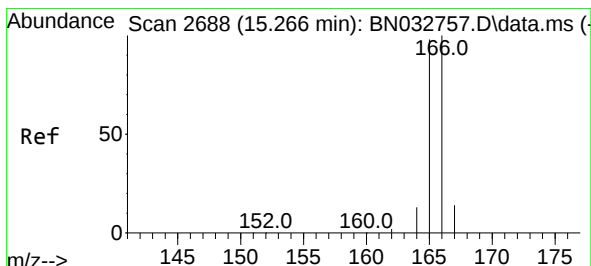
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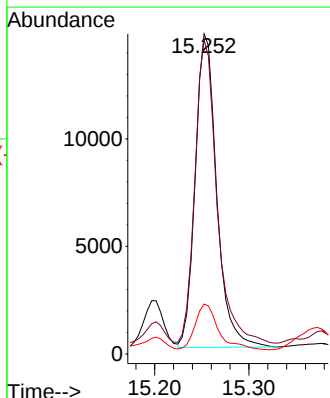
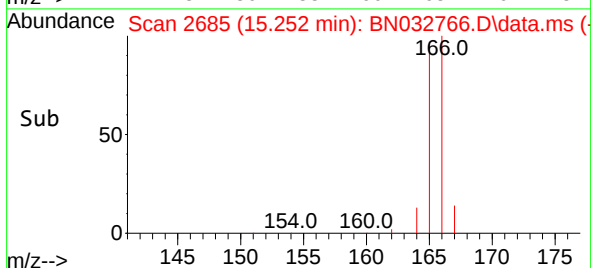
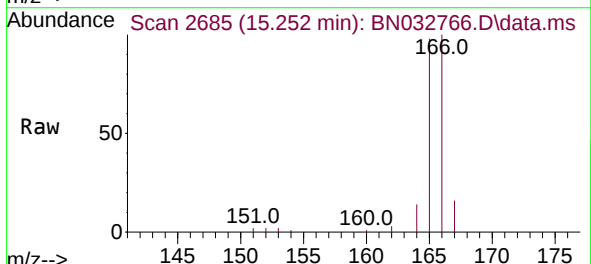
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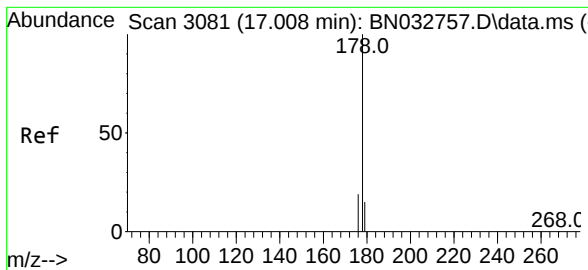
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#12
Fluorene
Concen: 0.577 ng/ul
RT: 15.252 min Scan# 2685
Delta R.T. -0.014 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

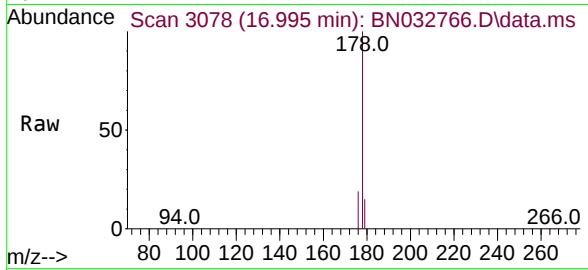
Tgt Ion:166 Resp: 23049
Ion Ratio Lower Upper
166 100
165 98.1 79.7 119.5
167 15.6 11.4 17.2





#15
Phenanthrene
Concen: 9.415 ng/ul m
RT: 16.995 min Scan# 3081
Delta R.T. -0.013 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

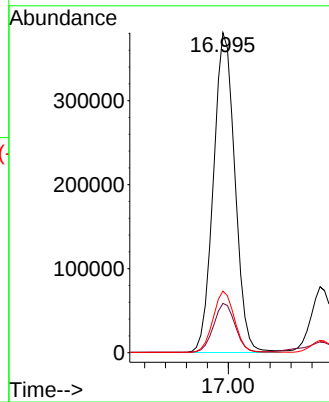
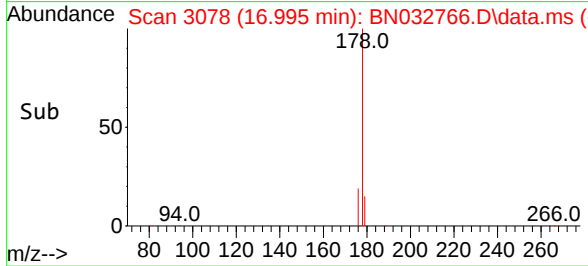
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:178 Resp: 543379
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.4
176 19.2 15.6 23.4

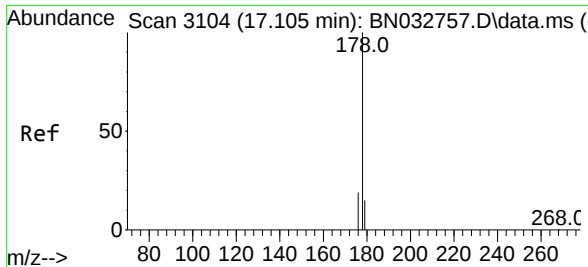
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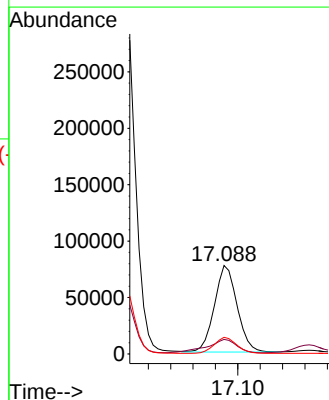
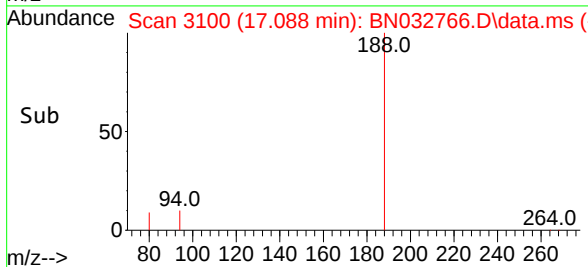
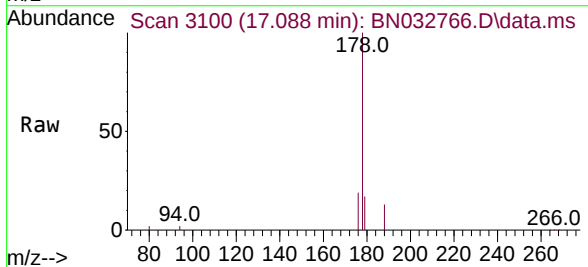
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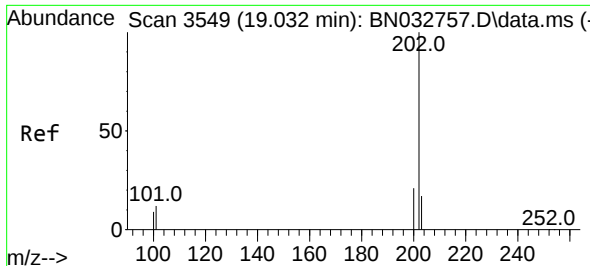
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#16
Anthracene
Concen: 2.286 ng/ul m
RT: 17.088 min Scan# 3100
Delta R.T. -0.017 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

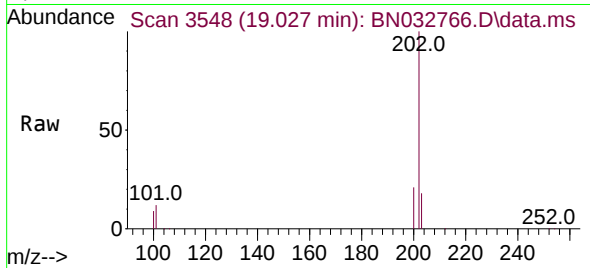
Tgt Ion:178 Resp: 107798
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 18.8 15.4 23.0





#19
Fluoranthene
Concen: 19.023 ng/ul m
RT: 19.027 min Scan# 3549
Delta R.T. -0.005 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

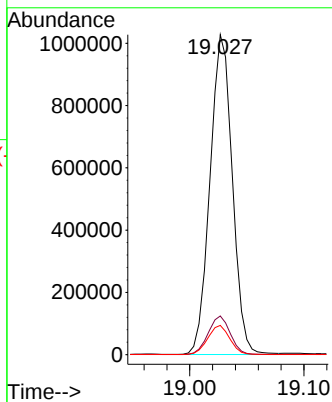
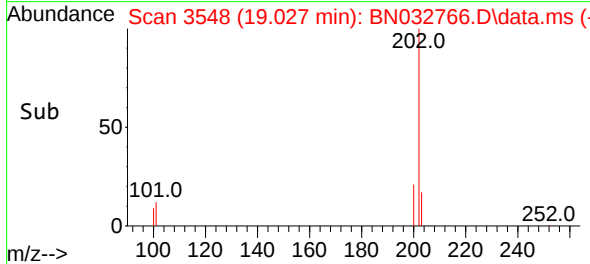
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:202 Resp: 139731
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.8
100 9.1 7.9 11.9

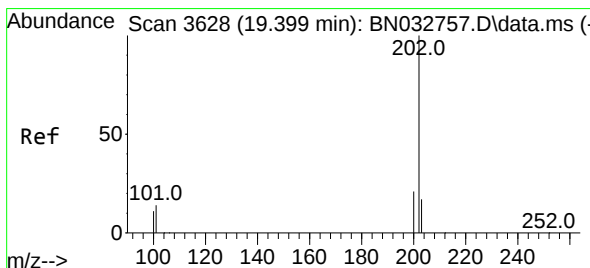
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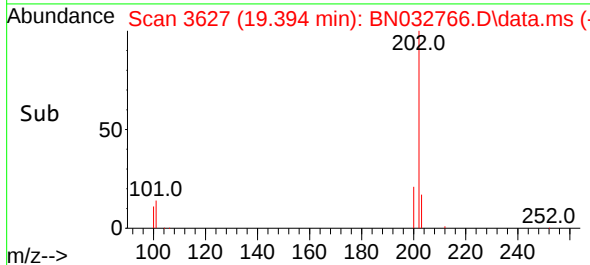
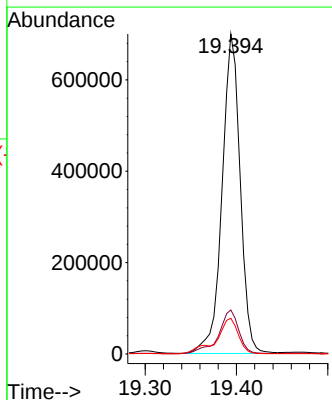
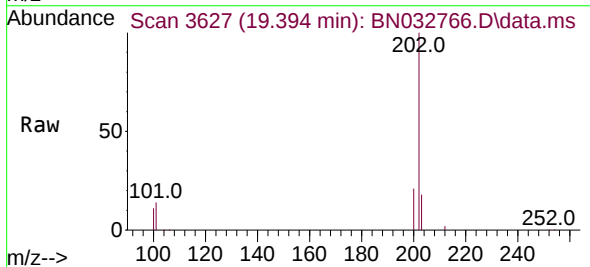
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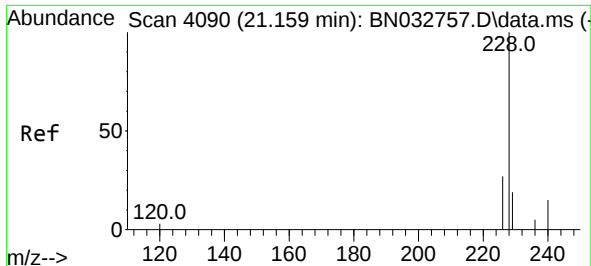
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#20
Pyrene
Concen: 12.656 ng/ul m
RT: 19.394 min Scan# 3627
Delta R.T. -0.005 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

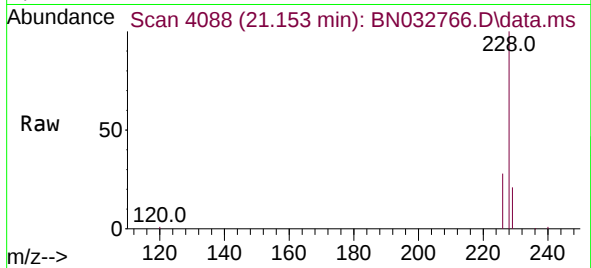
Tgt Ion:202 Resp: 962251
Ion Ratio Lower Upper
202 100
101 13.8 11.8 17.6
100 11.2 9.6 14.4





#21
Benzo(a)anthracene
Concen: 11.569 ng/ul m
RT: 21.153 min Scan# 4088
Delta R.T. -0.006 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

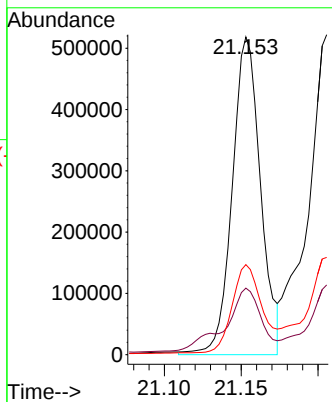
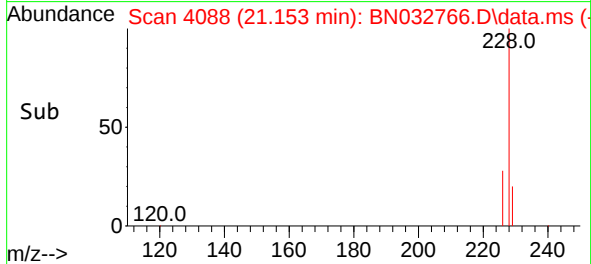
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:228 Resp: 66531
Ion Ratio Lower Upper
228 100
229 20.9 16.1 24.1
226 28.3 21.9 32.9

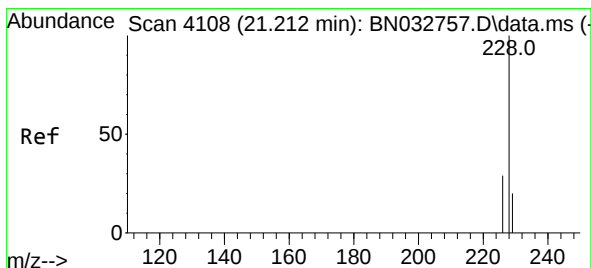
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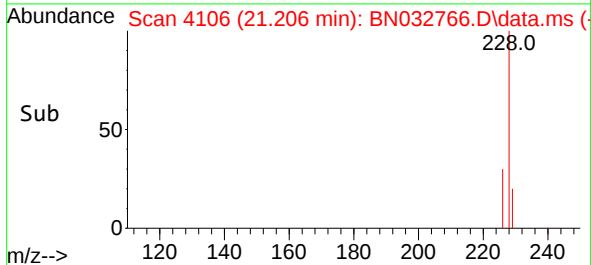
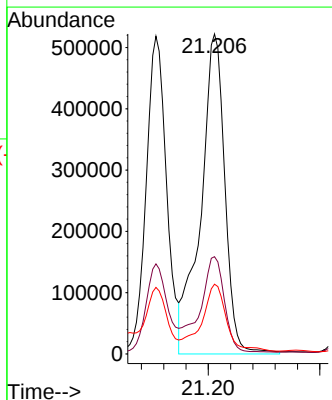
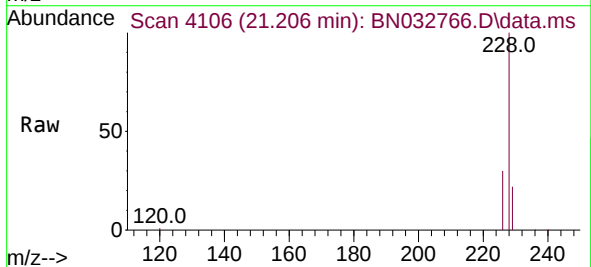
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Supervised By :mohammad
ahmed

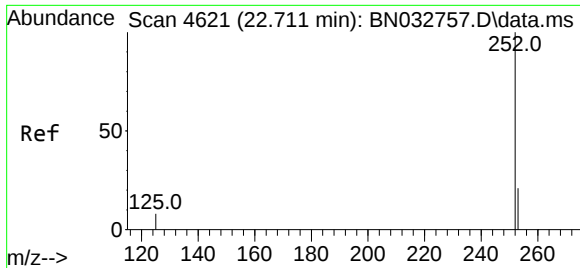
07/19/2024



#22
Chrysene
Concen: 9.445 ng/ul m
RT: 21.206 min Scan# 4106
Delta R.T. -0.006 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

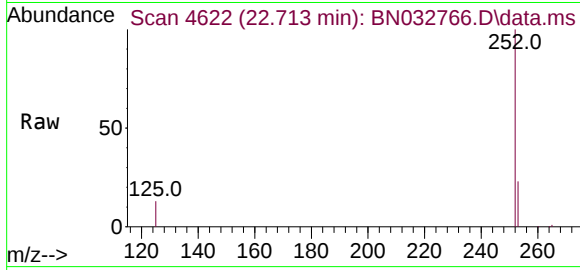
Tgt Ion:228 Resp: 785701
Ion Ratio Lower Upper
228 100
226 30.4 24.0 36.0
229 21.8 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 13.167 ng/ul m
RT: 22.713 min Scan# 4621
Delta R.T. 0.003 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

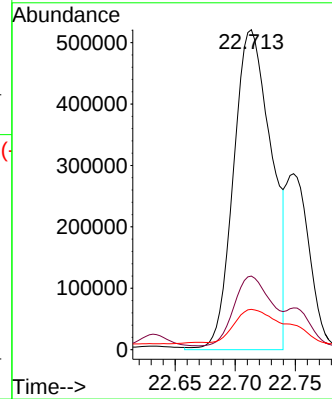
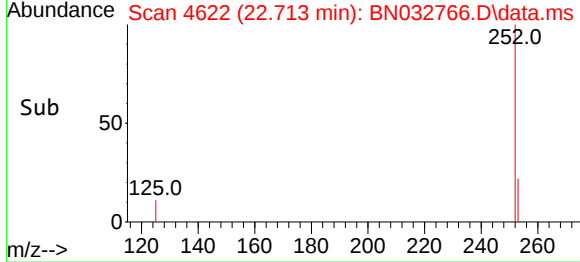
Instrument :
BNA_N
ClientSampleId :
A4BX1



Tgt Ion:252 Resp: 1148789
Ion Ratio Lower Upper
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253 23.0 0.0 54.0
125 12.6 0.0 36.0

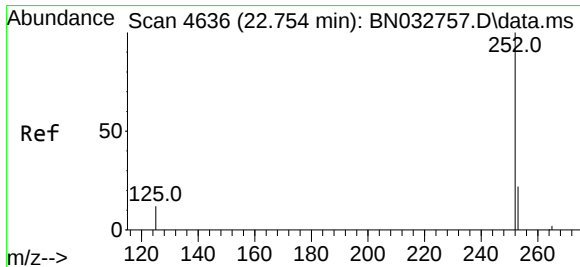
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Reviewed By :Yogesh Patel 07/18/2024
Supervised By :mohammad ahmed 07/19/2024



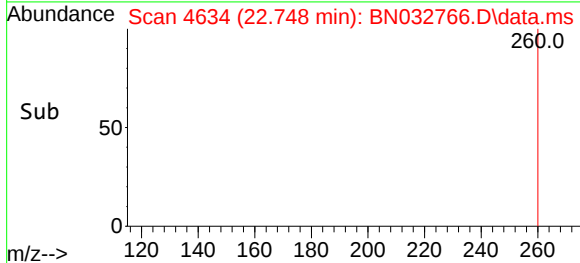
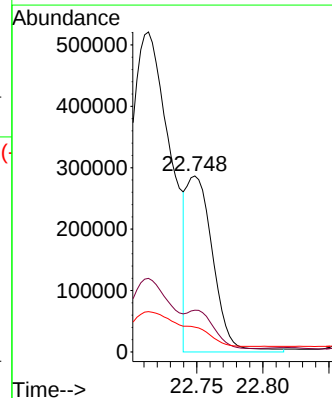
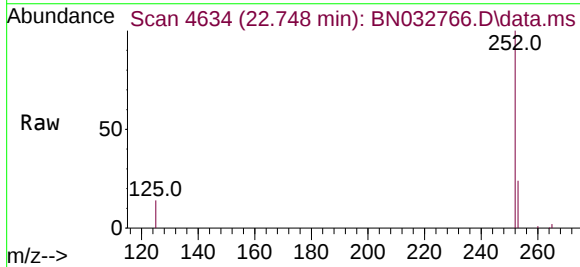
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ahmed

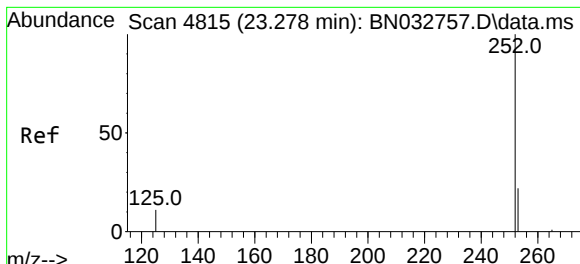
07/19/2024



#25
Benzo(k)fluoranthene
Concen: 3.751 ng/ul m
RT: 22.748 min Scan# 4634
Delta R.T. -0.006 min
Lab File: BN032766.D
Acq: 17 Jul 2024 06:58

Tgt Ion:252 Resp: 398826
Ion Ratio Lower Upper
252 100
253 23.8 21.2 31.8
125 14.1 14.8 22.2#





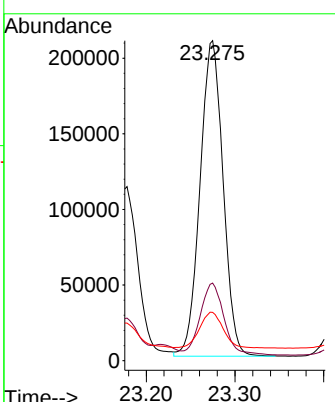
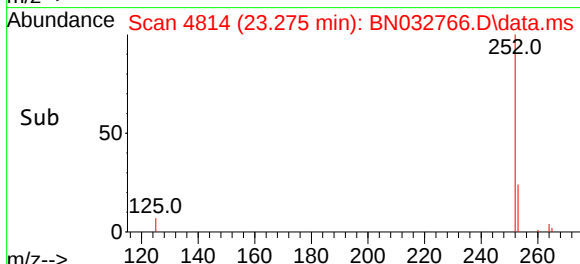
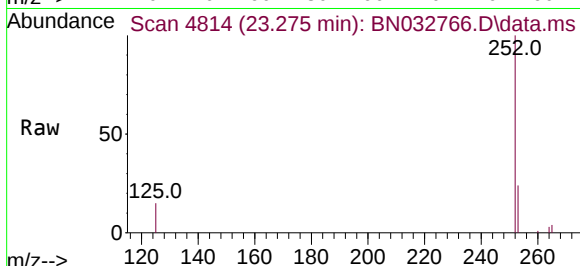
#26
 Benzo(a)pyrene
 Concen: 4.989 ng/ul m
 RT: 23.275 min Scan# 4815
 Delta R.T. -0.003 min
 Lab File: BN032766.D
 Acq: 17 Jul 2024 06:58

Instrument : BNA_N
 ClientSampleId : A4BX1

Tgt Ion:252 Resp: 376679

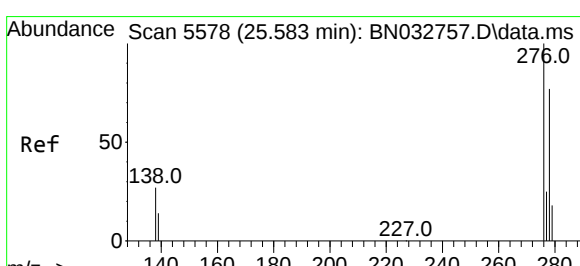
Ion	Ratio	Lower	Upper
252	100		
253	24.2	25.4	38.0
125	15.1	20.6	30.8

Manual Integrations
APPROVED
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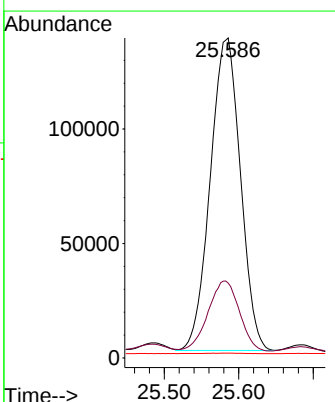
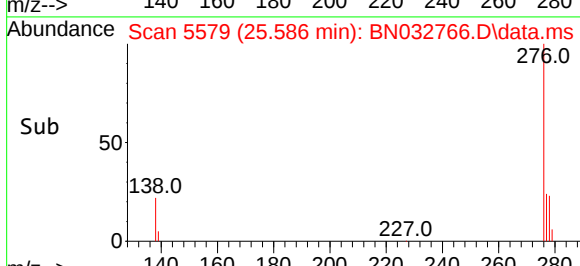
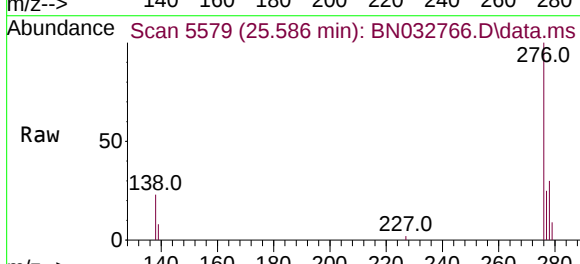
07/19/2024

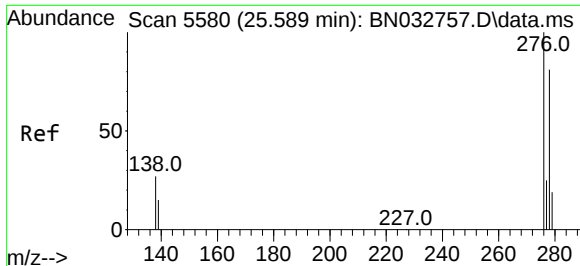


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.760 ng/ul m
 RT: 25.586 min Scan# 5579
 Delta R.T. 0.003 min
 Lab File: BN032766.D
 Acq: 17 Jul 2024 06:58

Tgt Ion:276 Resp: 384438

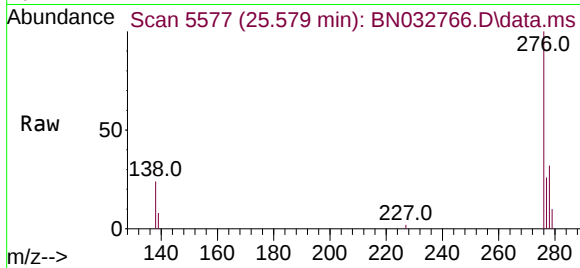
Ion	Ratio	Lower	Upper
276	100		
138	3.7	21.6	32.4
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 1.851 ng/ul m
 RT: 25.579 min Scan# 5577
 Delta R.T. -0.010 min
 Lab File: BN032766.D
 Acq: 17 Jul 2024 06:58

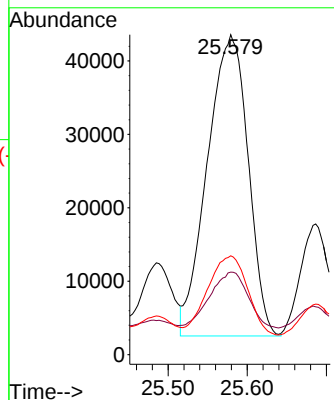
Instrument :
 BNA_N
 ClientSampleId :
 A4BX1



Tgt Ion:278 Resp: 146694
 Ion Ratio Lower Upper
 278 100
 139 25.8 16.6 24.8#
 279 30.9 23.7 35.5

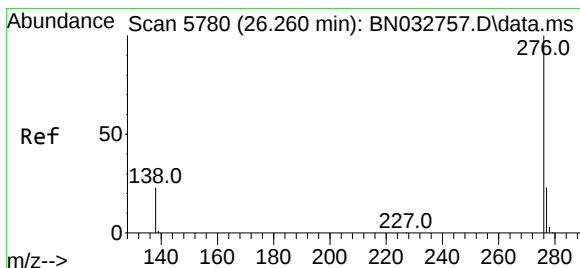
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 07/19/2024



07/18/2024
 Supervised By :mohammad
 ahmed

07/19/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.635 ng/ul m
 RT: 26.267 min Scan# 5782
 Delta R.T. 0.007 min
 Lab File: BN032766.D
 Acq: 17 Jul 2024 06:58

Tgt Ion:276 Resp: 54245
 Ion Ratio Lower Upper
 276 100
 138 35.3 21.0 31.4#
 277 34.8 20.6 31.0#

