

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027828.D
 Acq On : 22 Sep 2023 17:15
 Operator : MA/JU
 Sample : 04387-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA1

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 22 18:41:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	5461	0.400	ng/ul	0.00
4) Naphthalene-d8	10.823	136	18827	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	11756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	26740	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	21498	0.400	ng/ul	# 0.00
23) Perylene-d12	24.067	264	19084	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	33907	4.929	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	13140	0.461	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	34769	0.530	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.872	128	6931	0.129	ng/ul#	95
7) 2-Methylnaphthalene	12.473	142	6542	0.192	ng/ul	99
8) 1-Methylnaphthalene	12.693	142	5470	0.155	ng/ul	98
10) Acenaphthylene	14.370	152	5672	0.110	ng/ul#	93
11) Acenaphthene	14.703	153	1362	0.031	ng/ul#	94
12) Fluorene	15.688	166	1856	0.036	ng/ul#	97
15) Phenanthrene	17.434	178	52169	0.621	ng/ul	99
16) Anthracene	17.523	178	7326	0.104	ng/ul#	92
19) Fluoranthene	19.445	202	135432	1.558	ng/ul	100
20) Pyrene	19.812	202	111383m	1.244	ng/ul	
21) Benzo(a)anthracene	21.553	228	50569	0.608	ng/ul	97
22) Chrysene	21.612	228	67688	0.787	ng/ul	97
24) Benzo(b)fluoranthene	23.295	252	97741m	1.149	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	33584m	0.407	ng/ul	
26) Benzo(a)pyrene	23.956	252	49744	0.727	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.696	276	44097	0.503	ng/ul#	64
28) Dibenzo(a,h)anthracene	26.713	278	10354	0.147	ng/ul#	1
29) Benzo(g,h,i)perylene	27.528	276	48790	0.655	ng/ul#	71

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

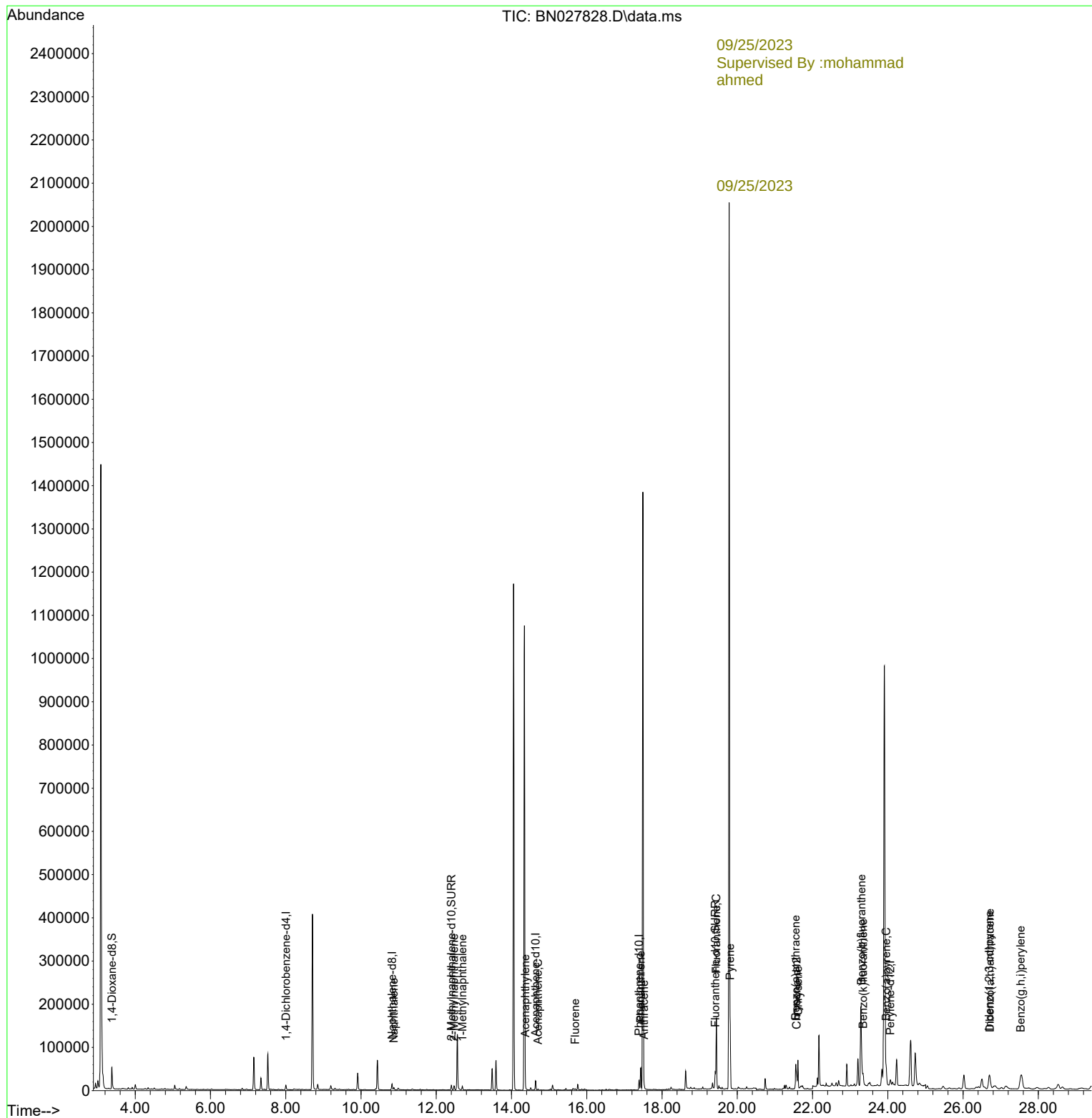
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027828.D
Acq On : 22 Sep 2023 17:15
Operator : MA/JU
Sample : 04387-02
Misc :
ALS Vial : 47 Sample Multiplier: 1

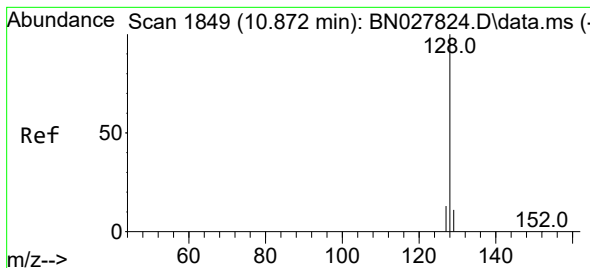
Instrument :
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ClientSampleId :
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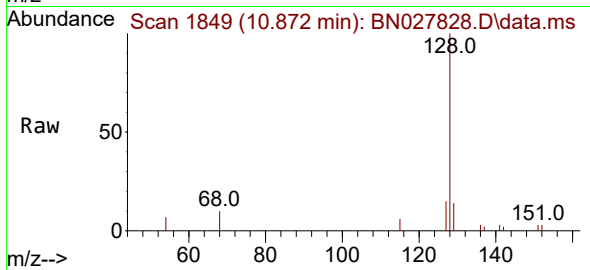
Quant Time: Sep 22 18:41:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.129 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.005 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

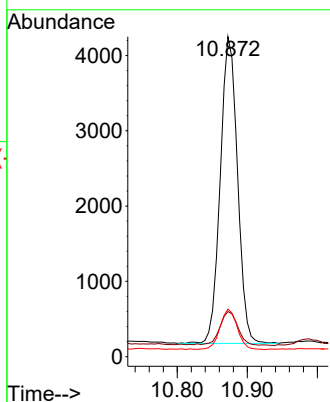
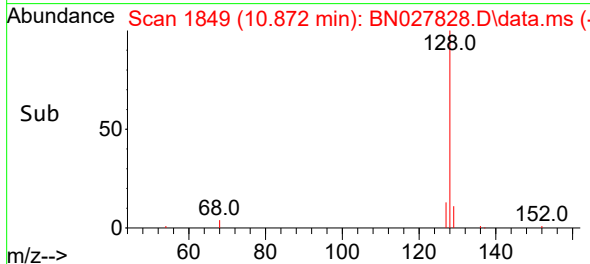
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:128 Resp: 6938
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9
127 14.8 10.7 16.1

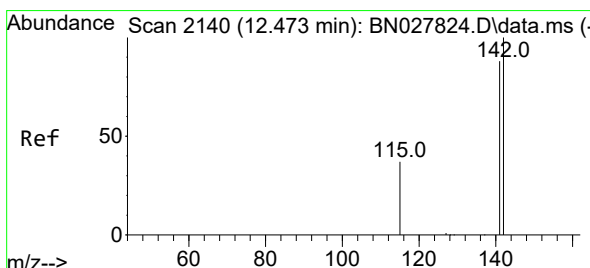
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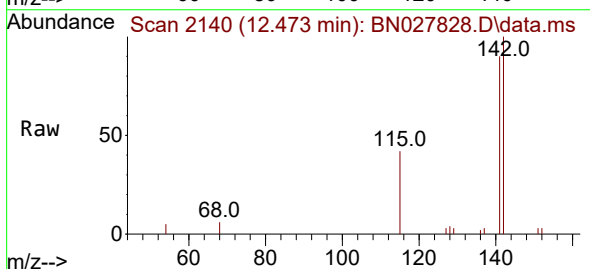


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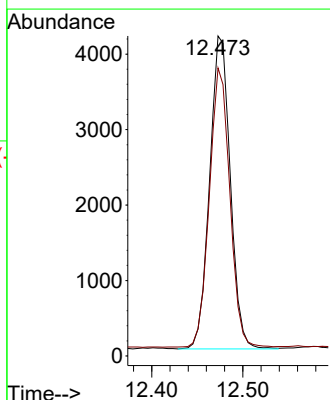
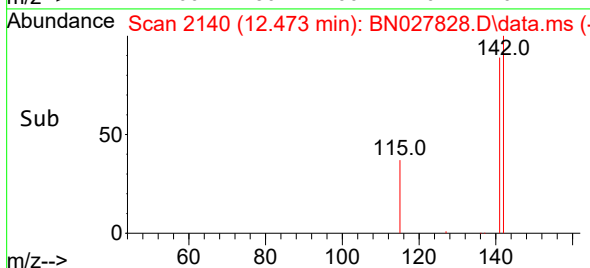
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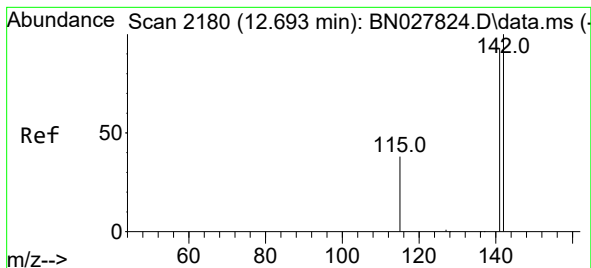


#7
2-Methylnaphthalene
Concen: 0.192 ng/ul
RT: 12.473 min Scan# 2140
Delta R.T. -0.005 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15



Tgt Ion:142 Resp: 6542
Ion Ratio Lower Upper
142 100
141 88.0 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.155 ng/ul

RT: 12.693 min Scan# 2180

Delta R.T. -0.005 min

Lab File: BN027828.D

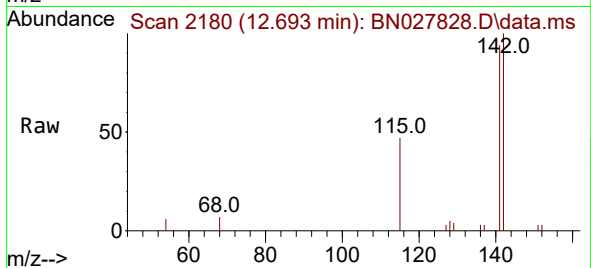
Acq: 22 Sep 2023 17:15

Instrument :

BNA_N

ClientSampleId :

C0AA1



Tgt Ion:142 Resp: 5470

Ion Ratio Lower Upper

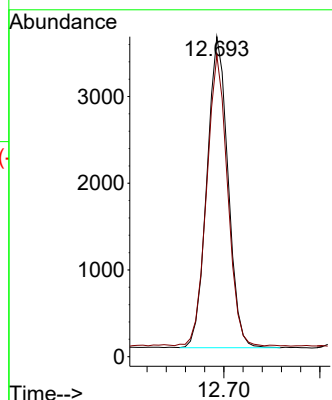
142 100

141 92.8 72.8 109.2

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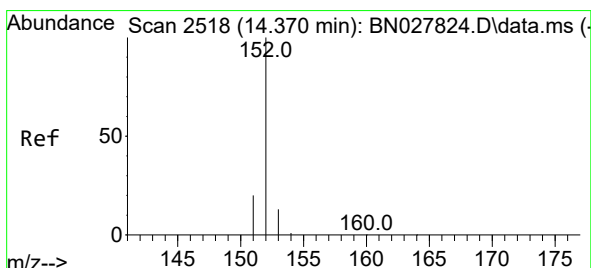
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#10

Acenaphthylene

Concen: 0.110 ng/ul

RT: 14.370 min Scan# 2518

Delta R.T. 0.000 min

Lab File: BN027828.D

Acq: 22 Sep 2023 17:15

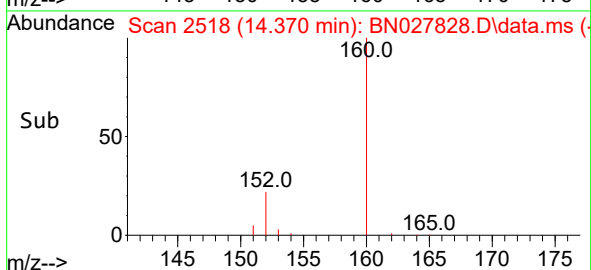
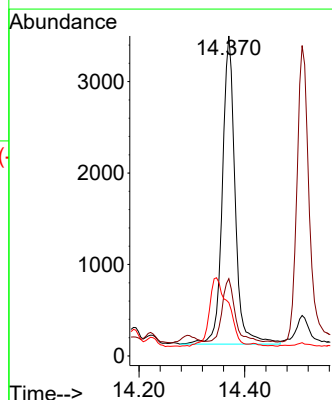
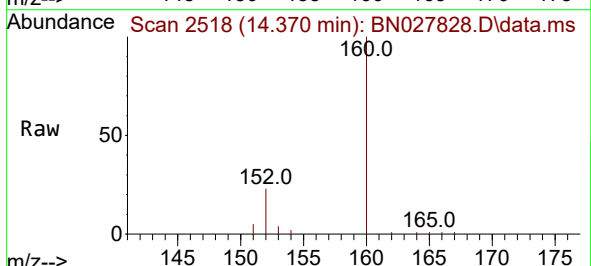
Tgt Ion:152 Resp: 5672

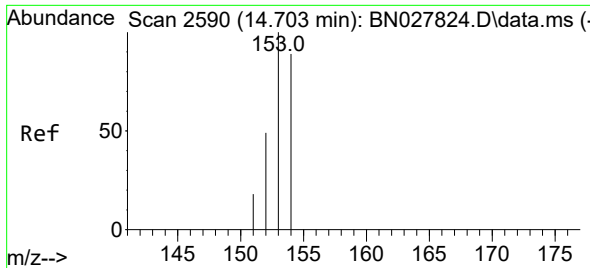
Ion Ratio Lower Upper

152 100

151 24.1 16.6 25.0

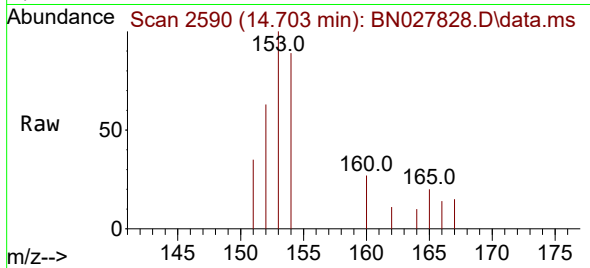
153 16.7 11.0 16.6#





#11
Acenaphthene
Concen: 0.031 ng/ul
RT: 14.703 min Scan# 2590
Delta R.T. 0.000 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

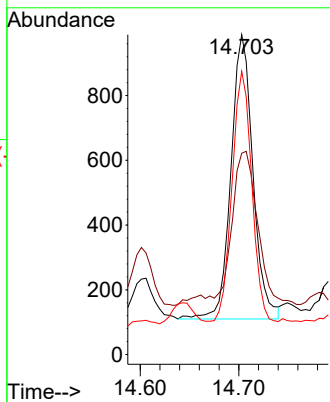
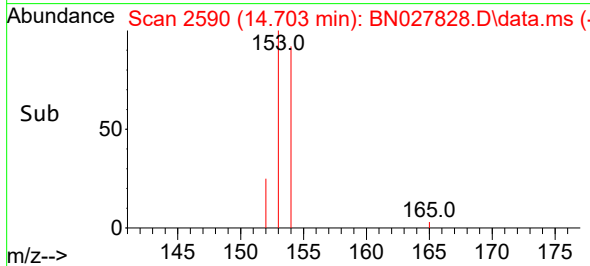
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 1362
Ion Ratio Lower Upper
153 100
152 63.0 41.7 62.5
154 88.6 70.3 105.5

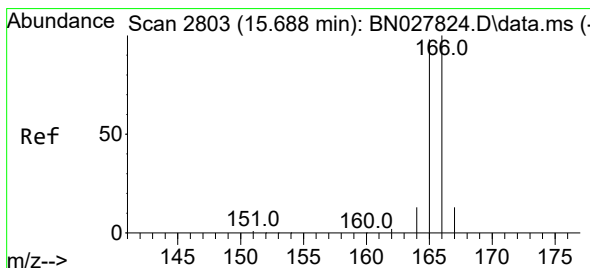
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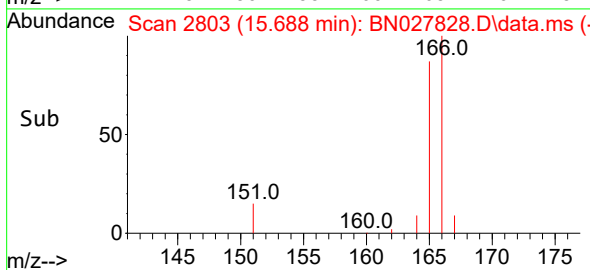
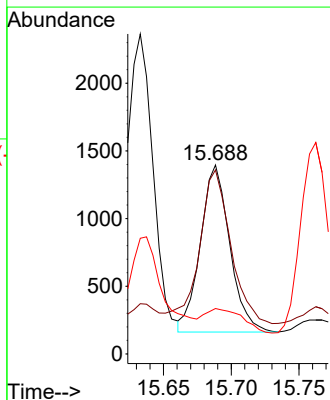
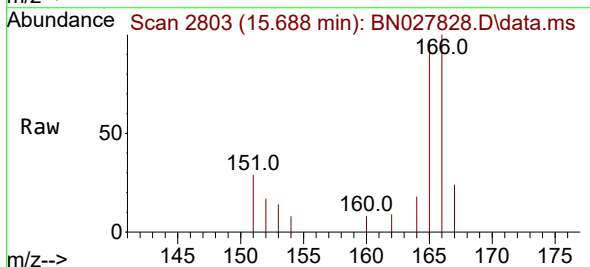
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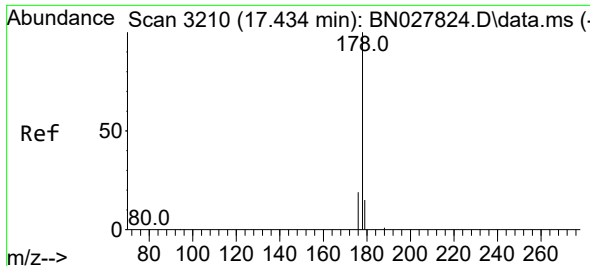
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#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.688 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

Tgt Ion:166 Resp: 1856
Ion Ratio Lower Upper
166 100
165 97.3 78.0 117.0
167 24.1 11.4 17.2#





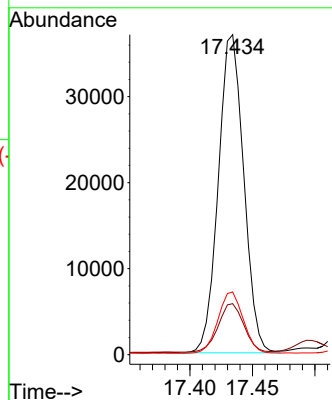
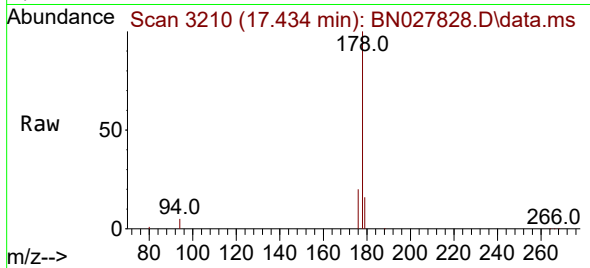
#15
Phenanthrene
Concen: 0.621 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. -0.000 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

Instrument :
BNA_N
ClientSampleId :
C0AA1

Tgt Ion:178 Resp: 52169
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.6 16.0 24.0

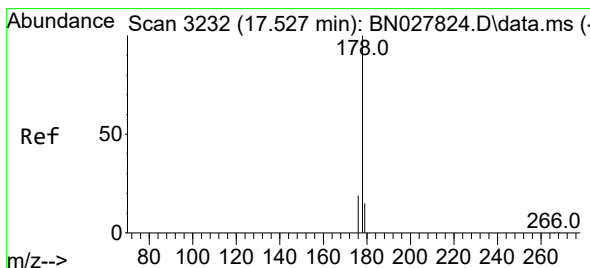
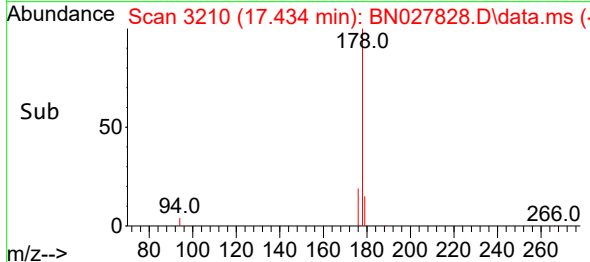
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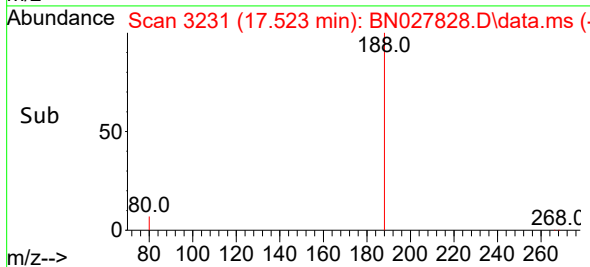
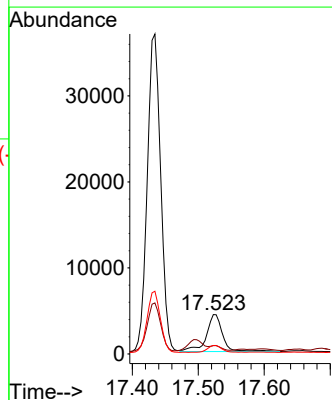
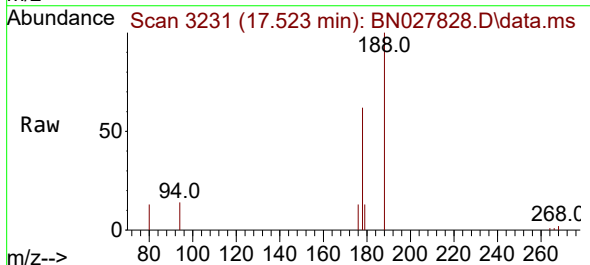
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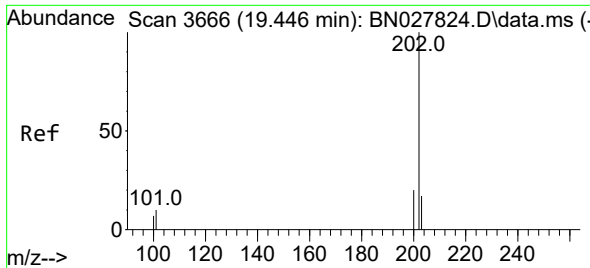
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#16
Anthracene
Concen: 0.104 ng/ul
RT: 17.523 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

Tgt Ion:178 Resp: 7326
Ion Ratio Lower Upper
178 100
179 21.2 12.6 19.0#
176 21.6 15.5 23.3





#19

Fluoranthene

Concen: 1.558 ng/ul

RT: 19.445 min Scan# 3666

Delta R.T. -0.000 min

Lab File: BN027828.D

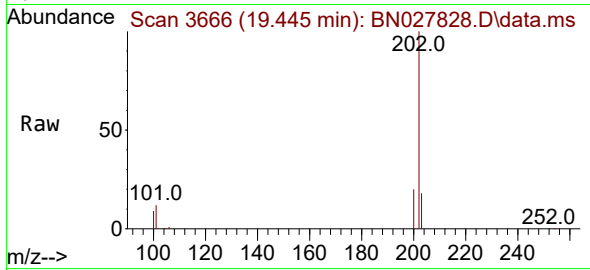
Acq: 22 Sep 2023 17:15

Instrument :

BNA_N

ClientSampleId :

C0AA1



Tgt Ion:202 Resp: 13543

Ion Ratio Lower Upper

202 100

101 11.7 9.3 13.9

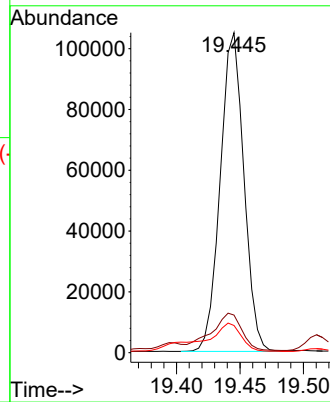
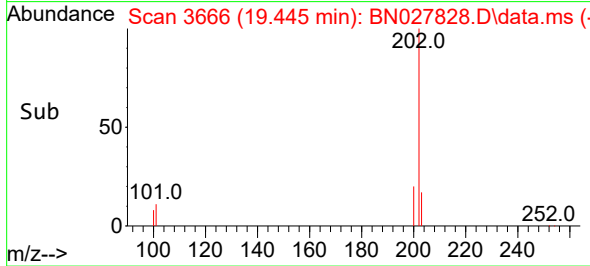
100 8.5 7.0 10.4

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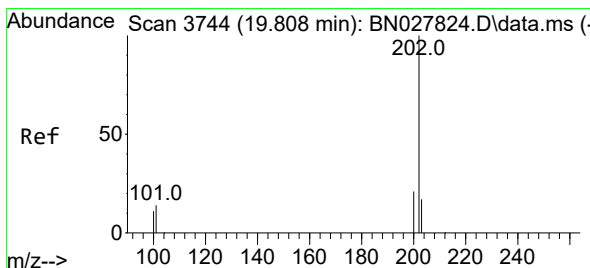


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#20

Pyrene

Concen: 1.244 ng/ul m

RT: 19.812 min Scan# 3745

Delta R.T. -0.000 min

Lab File: BN027828.D

Acq: 22 Sep 2023 17:15

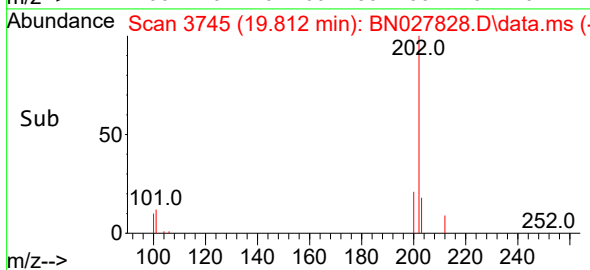
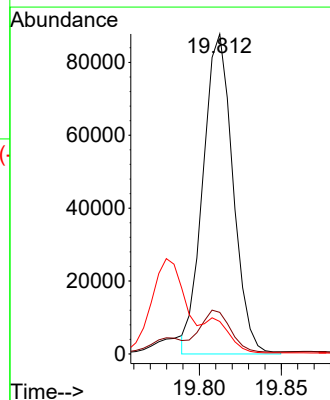
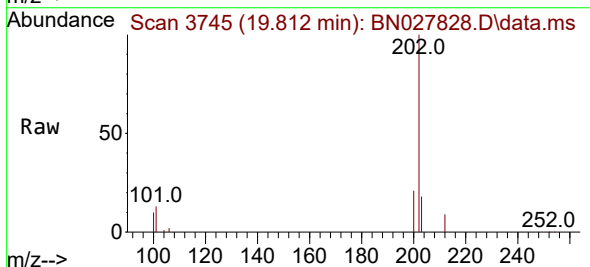
Tgt Ion:202 Resp: 111383

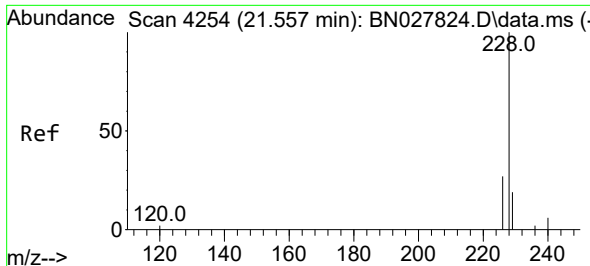
Ion Ratio Lower Upper

202 100

101 13.0 11.4 17.0

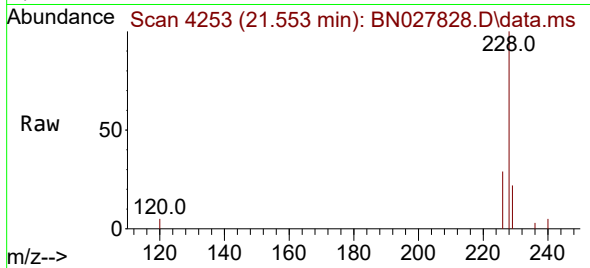
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.608 ng/ul
RT: 21.553 min Scan# 4254
Delta R.T. -0.000 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

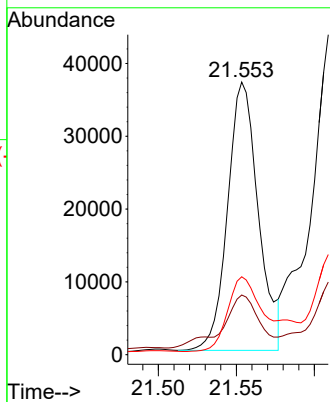
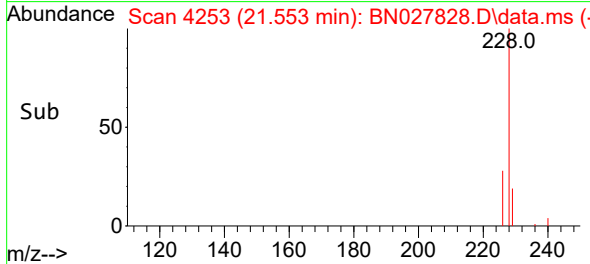
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:228 Resp: 50569
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.8
226 28.6 22.0 33.0

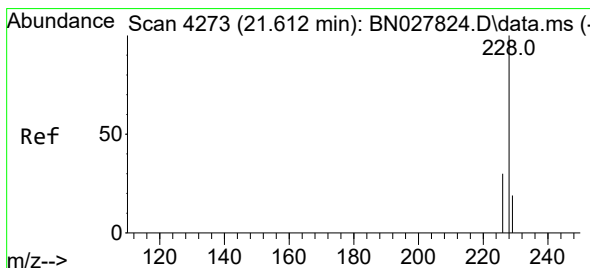
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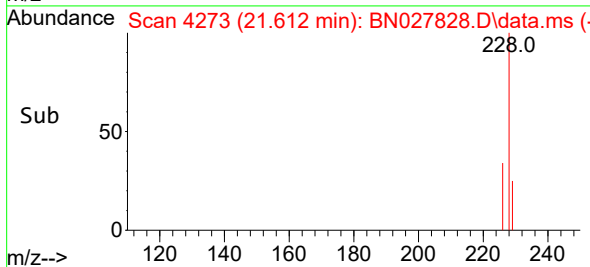
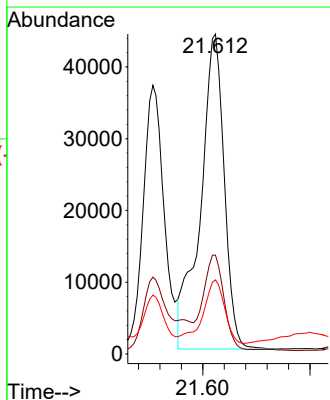
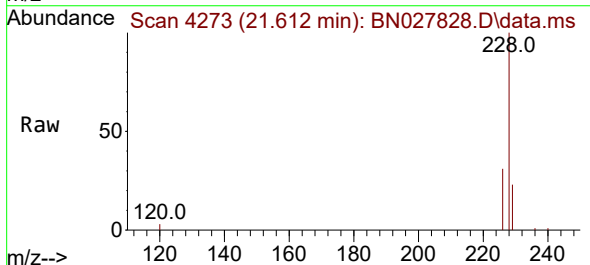
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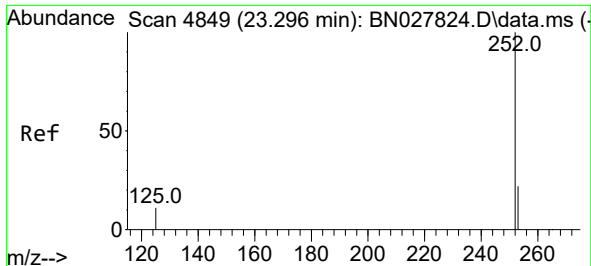
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#22
Chrysene
Concen: 0.787 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

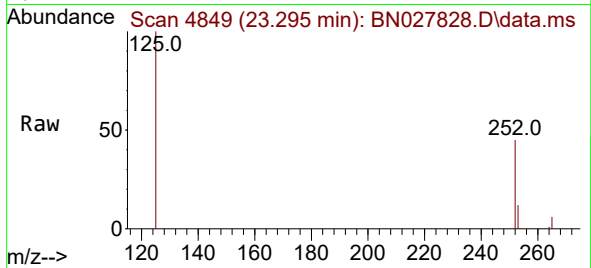
Tgt Ion:228 Resp: 67688
Ion Ratio Lower Upper
228 100
226 30.9 24.5 36.7
229 23.2 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.149 ng/ul m
RT: 23.295 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

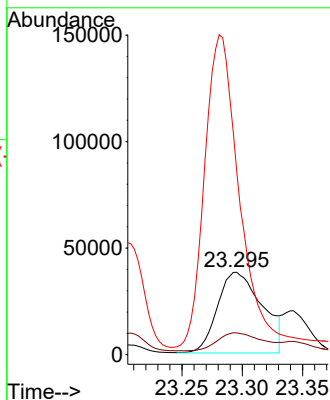
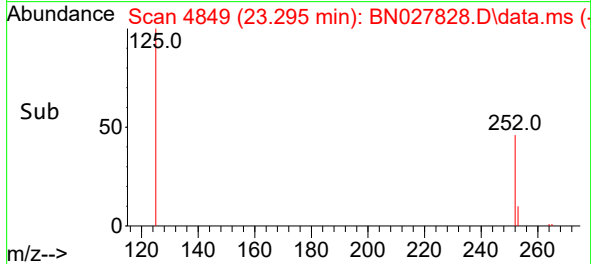
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:252 Resp: 9774
Ion Ratio Lower Upper
252 100
253 26.5 0.0 50.2
125 222.2 0.0 31.4

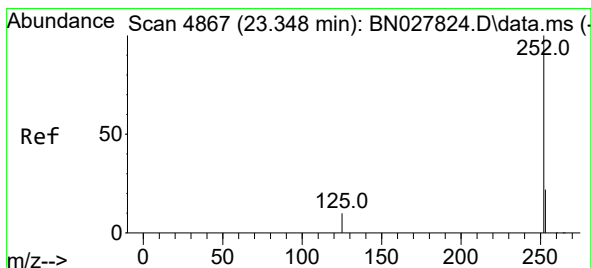
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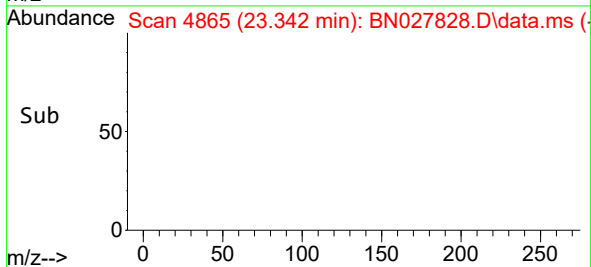
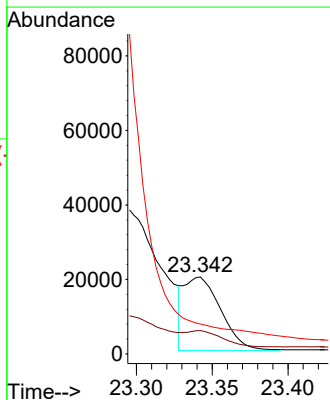
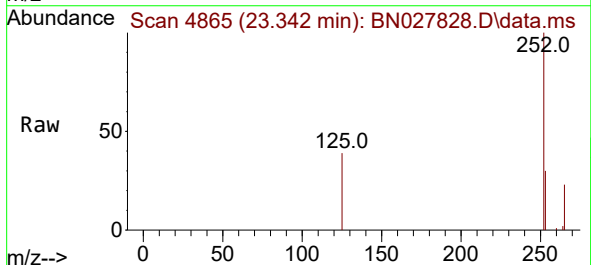
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ahmed

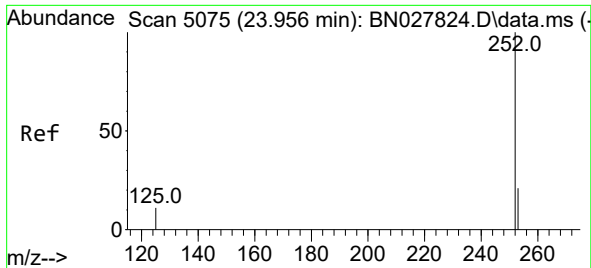
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#25
Benzo(k)fluoranthene
Concen: 0.407 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

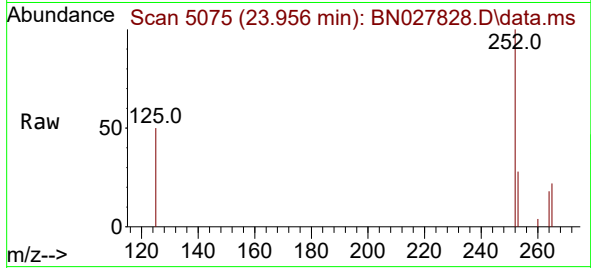
Tgt Ion:252 Resp: 33584
Ion Ratio Lower Upper
252 100
253 30.3 19.9 29.9#
125 38.8 12.6 19.0#





#26
Benzo(a)pyrene
Concen: 0.727 ng/ul
RT: 23.956 min Scan# 5075
Delta R.T. 0.006 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

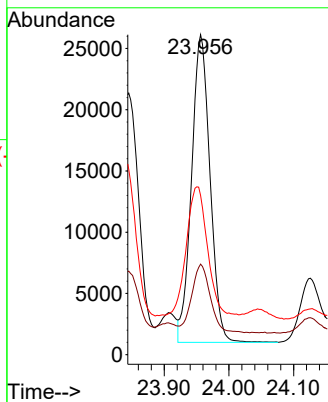
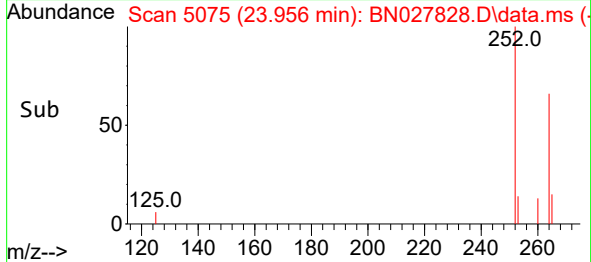
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:252 Resp: 49744
Ion Ratio Lower Upper
252 100
253 28.3 21.9 32.9
125 49.8 15.5 23.3

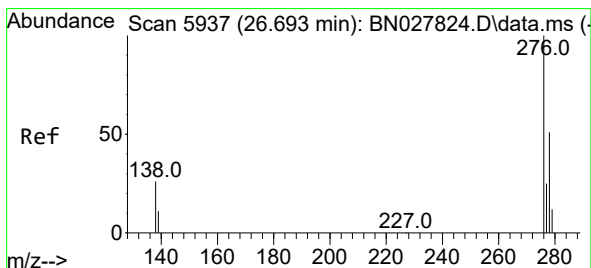
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

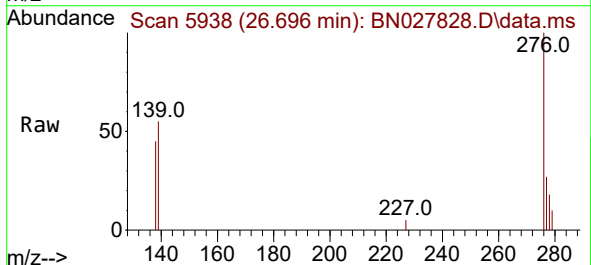


09/25/2023
Supervised By :mohammad
ahmed

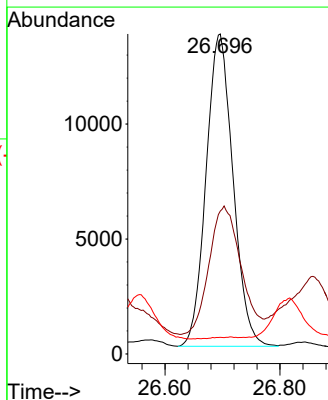
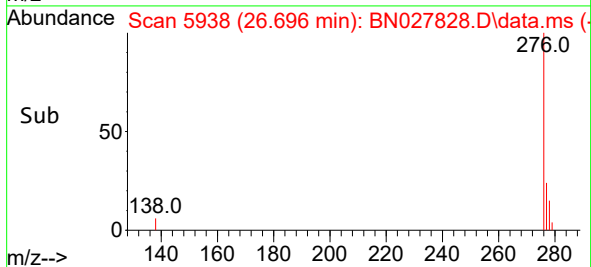
09/25/2023

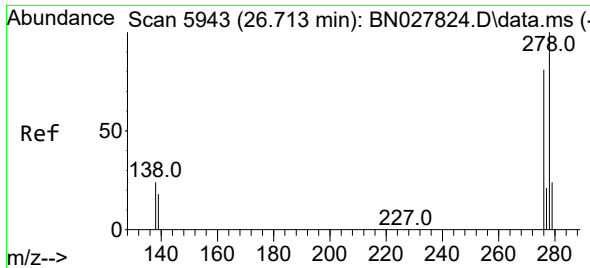


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 26.696 min Scan# 5938
Delta R.T. 0.013 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15



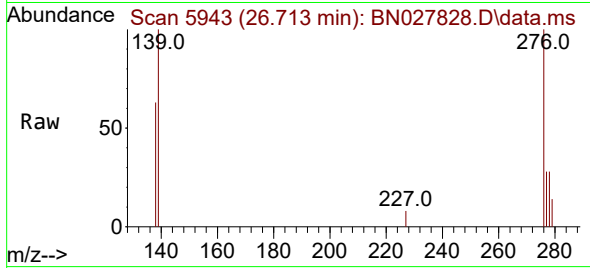
Tgt Ion:276 Resp: 44097
Ion Ratio Lower Upper
276 100
138 50.0 24.3 36.5
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.147 ng/ul
RT: 26.713 min Scan# 5943
Delta R.T. 0.007 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15

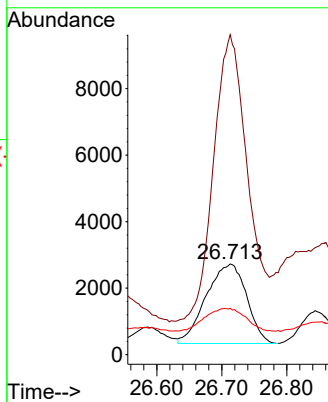
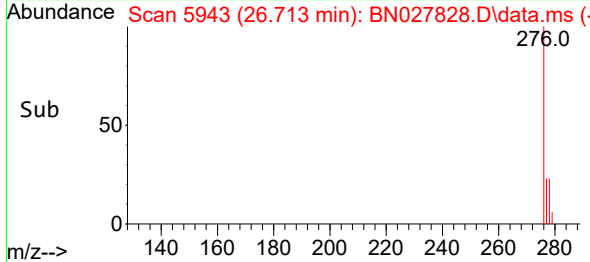
Instrument :
BNA_N
ClientSampleId :
C0AA1



Tgt Ion:278 Resp: 10354
Ion Ratio Lower Upper
278 100
139 352.9 17.2 25.8
279 51.1 21.4 32.0

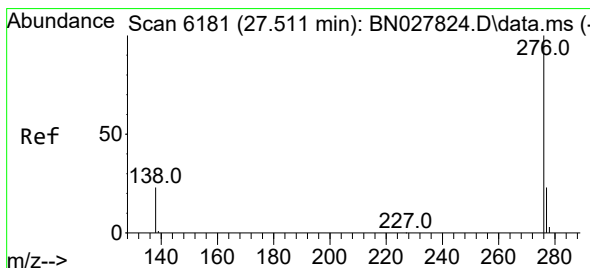
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel

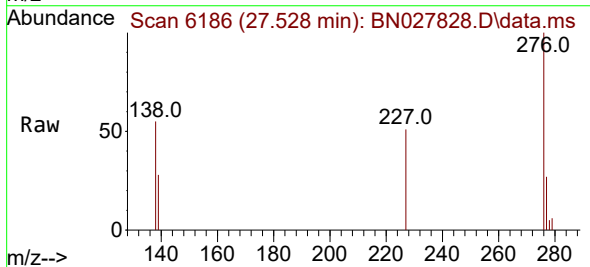


09/25/2023
Supervised By :mohammad
ahmed

09/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.655 ng/ul
RT: 27.528 min Scan# 6186
Delta R.T. 0.023 min
Lab File: BN027828.D
Acq: 22 Sep 2023 17:15



Tgt Ion:276 Resp: 48790
Ion Ratio Lower Upper
276 100
138 54.7 21.7 32.5
277 26.5 20.2 30.2

