

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027836.D
 Acq On : 22 Sep 2023 22:08
 Operator : MA/JU
 Sample : 04387-10
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Sep 23 03:49:52 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	5822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	20061	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.638	164	12377	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	28187	0.400	ng/ul	0.00
17) Chrysene-d12	21.574	240	22473	0.400	ng/ul	0.00
23) Perylene-d12	24.070	264	20058	0.400	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	30779	4.197	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	11532	0.379	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	28555	0.416	ng/ul	0.00

Target Compounds						Qvalue
5) Naphthalene	10.872	128	4196	0.073	ng/ul#	92
7) 2-Methylnaphthalene	12.472	142	3879	0.107	ng/ul	99
8) 1-Methylnaphthalene	12.692	142	3224	0.086	ng/ul	100
10) Acenaphthylene	14.369	152	3125	0.058	ng/ul#	88
11) Acenaphthene	14.702	153	1146	0.025	ng/ul#	67
12) Fluorene	15.688	166	1435	0.026	ng/ul#	94
15) Phenanthrene	17.434	178	32908	0.372	ng/ul	98
16) Anthracene	17.527	178	3499	0.047	ng/ul#	88
19) Fluoranthene	19.445	202	83825	0.922	ng/ul	99
20) Pyrene	19.812	202	67846m	0.725	ng/ul	
21) Benzo(a)anthracene	21.556	228	29855	0.343	ng/ul	97
22) Chrysene	21.612	228	39540	0.440	ng/ul	97
24) Benzo(b)fluoranthene	23.295	252	52136m	0.583	ng/ul	
25) Benzo(k)fluoranthene	23.342	252	19767m	0.228	ng/ul	
26) Benzo(a)pyrene	23.956	252	28955	0.403	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.693	276	24570	0.267	ng/ul#	58
29) Benzo(g,h,i)perylene	27.514	276	24570	0.314	ng/ul#	79

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

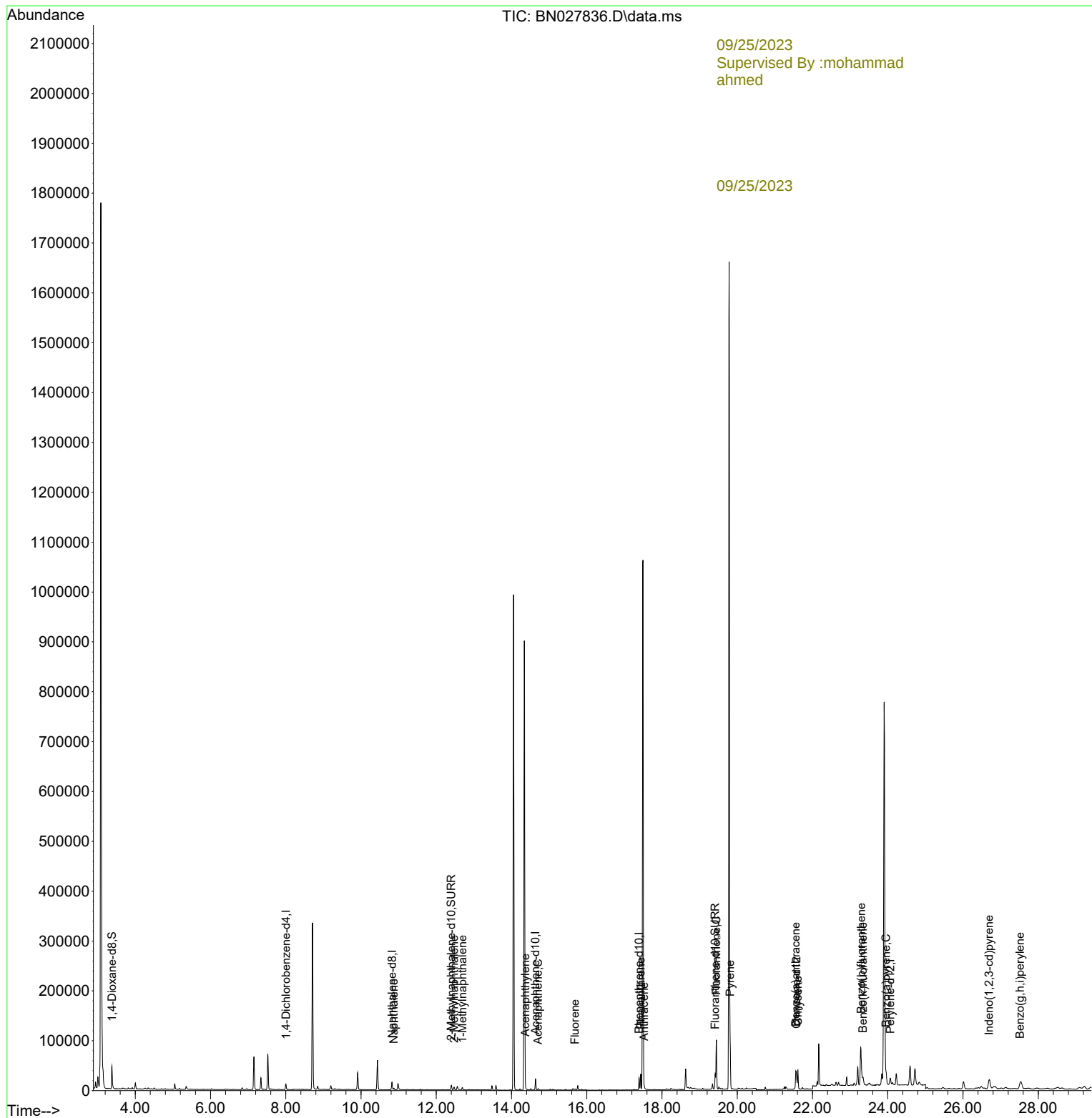
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
Data File : BN027836.D
Acq On : 22 Sep 2023 22:08
Operator : MA/JU
Sample : 04387-10
Misc :
ALS Vial : 55 Sample Multiplier: 1

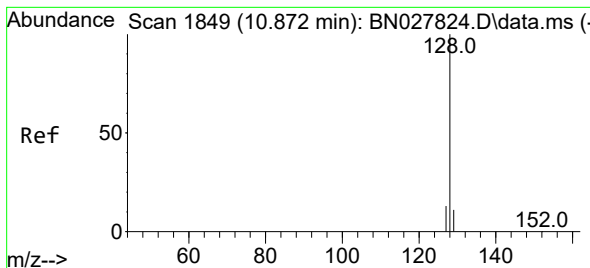
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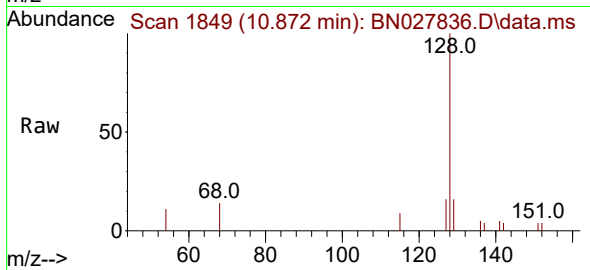
Quant Time: Sep 23 03:49:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 22 03:58:00 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.872 min Scan# 1849
Delta R.T. -0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

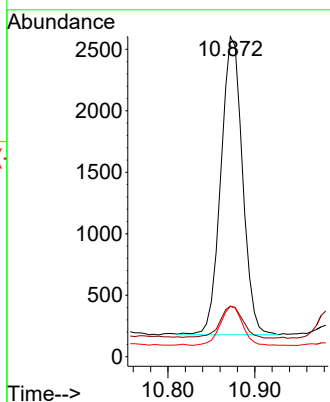
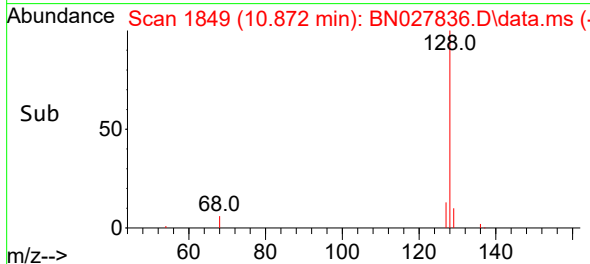
Instrument :
BNA_N
ClientSampleId :
C0AB6



Tgt Ion:128 Resp: 4190
Ion Ratio Lower Upper
128 100
129 15.8 9.3 13.9
127 15.7 10.7 16.1

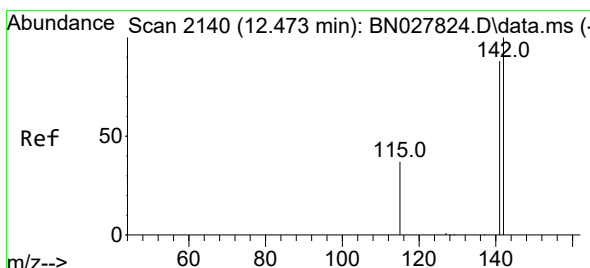
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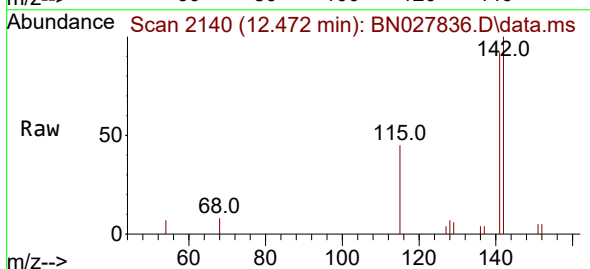


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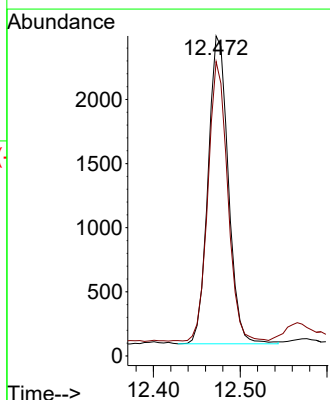
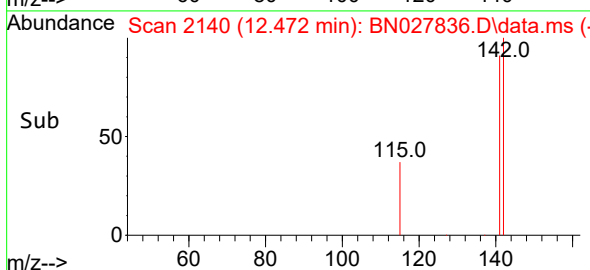
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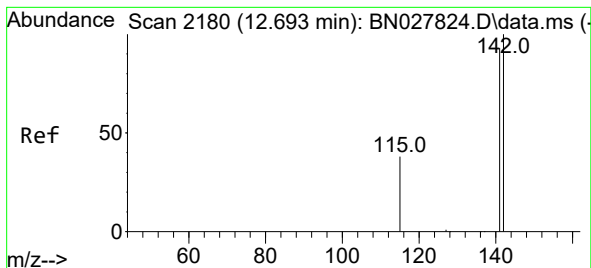


#7
2-Methylnaphthalene
Concen: 0.107 ng/ul
RT: 12.472 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08



Tgt Ion:142 Resp: 3879
Ion Ratio Lower Upper
142 100
141 88.4 71.1 106.7





#8

1-Methylnaphthalene

Concen: 0.086 ng/ul

RT: 12.692 min Scan# 2180

Delta R.T. -0.006 min

Lab File: BN027836.D

Acq: 22 Sep 2023 22:08

Instrument :

BNA_N

ClientSampleId :

C0AB6

Tgt Ion:142 Resp: 3224

Ion Ratio Lower Upper

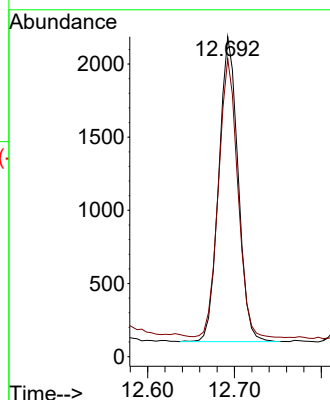
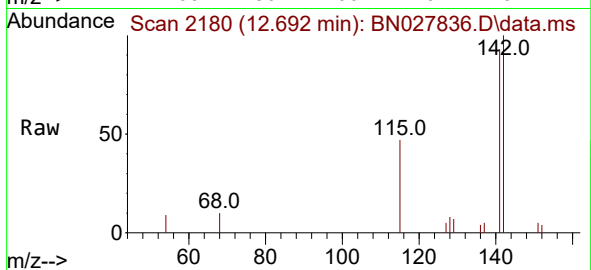
142 100

141 91.2 72.8 109.2

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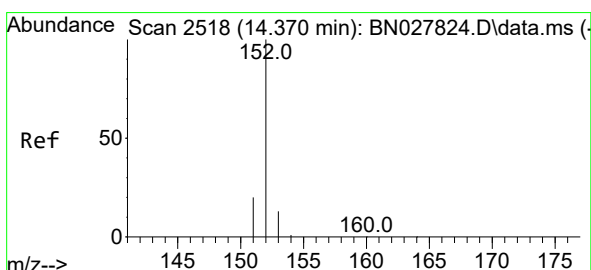
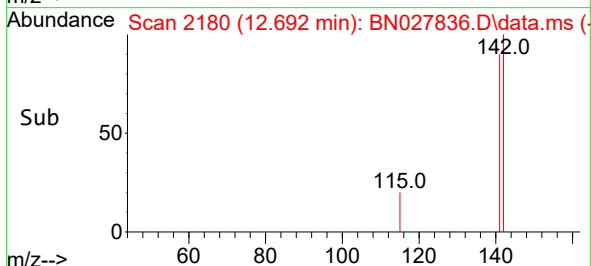
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#10

Acenaphthylene

Concen: 0.058 ng/ul

RT: 14.369 min Scan# 2518

Delta R.T. -0.000 min

Lab File: BN027836.D

Acq: 22 Sep 2023 22:08

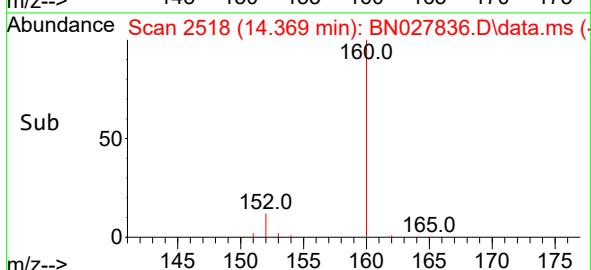
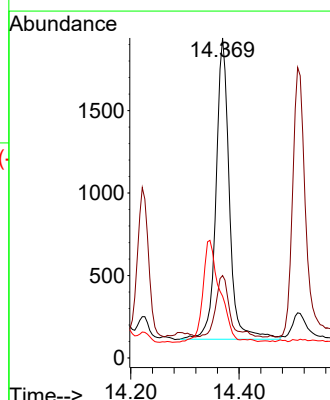
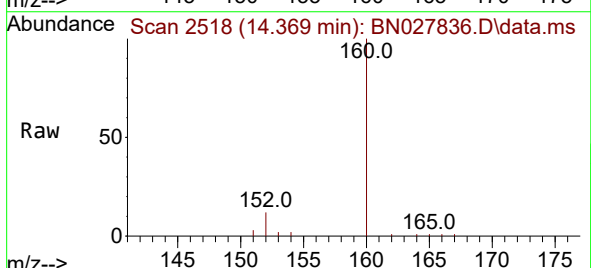
Tgt Ion:152 Resp: 3125

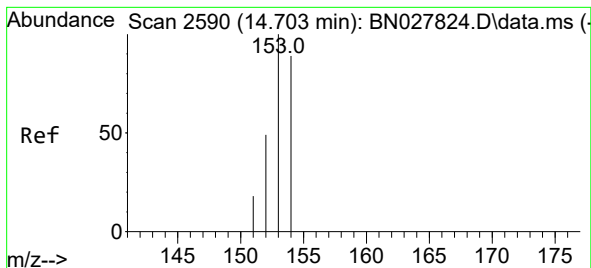
Ion Ratio Lower Upper

152 100

151 25.8 16.6 25.0#

153 19.3 11.0 16.6#





#11

Acenaphthene

Concen: 0.025 ng/u1

RT: 14.702 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027836.D

Acq: 22 Sep 2023 22:08

Instrument :

BNA_N

ClientSampleId :

C0AB6

Tgt Ion:153 Resp: 1140

Ion Ratio Lower Upper

153 100

152 109.3 41.7 62.5

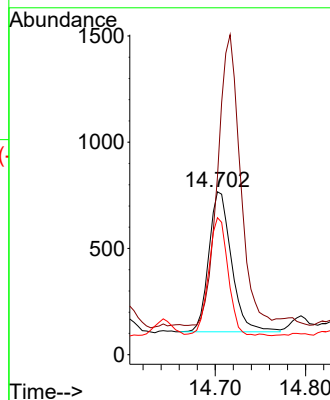
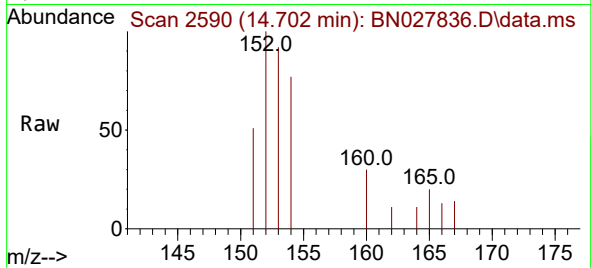
154 84.1 70.3 105.5

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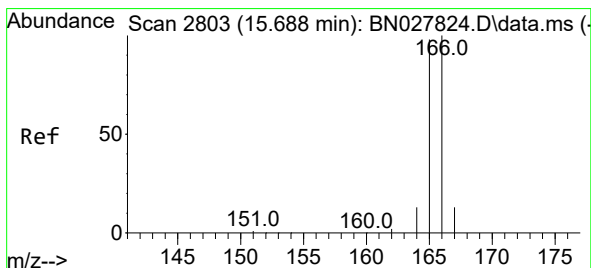
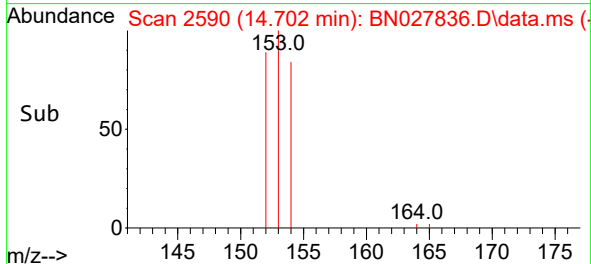
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#12

Fluorene

Concen: 0.026 ng/u1

RT: 15.688 min Scan# 2803

Delta R.T. -0.000 min

Lab File: BN027836.D

Acq: 22 Sep 2023 22:08

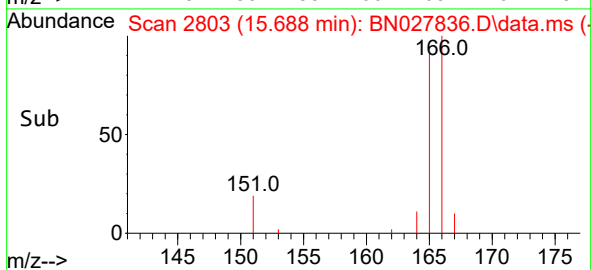
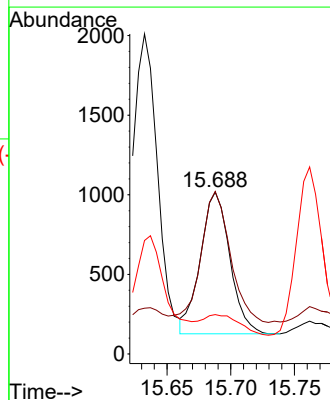
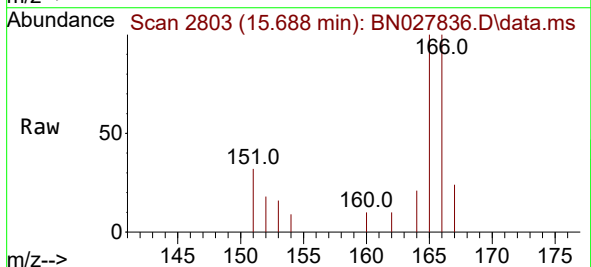
Tgt Ion:166 Resp: 1435

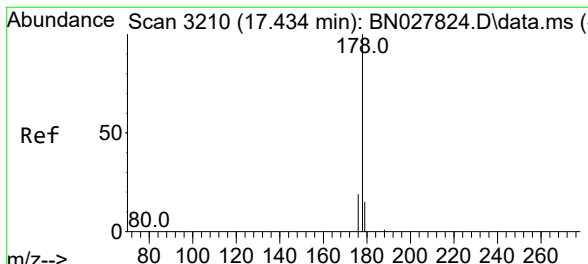
Ion Ratio Lower Upper

166 100

165 100.5 78.0 117.0

167 24.4 11.4 17.2#





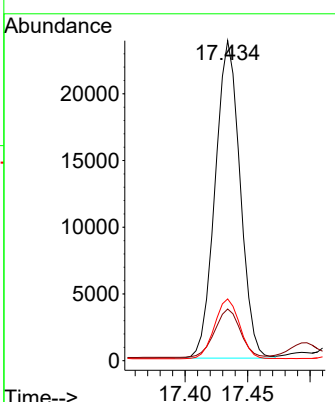
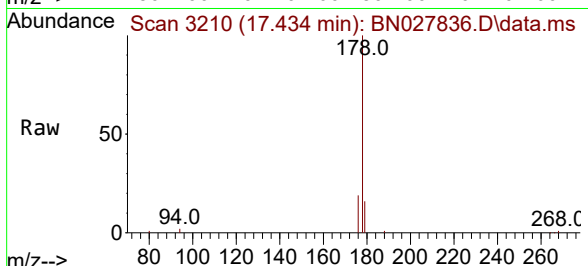
#15
 Phenanthrene
 Concen: 0.372 ng/ul
 RT: 17.434 min Scan# 3210
 Delta R.T. -0.000 min
 Lab File: BN027836.D
 Acq: 22 Sep 2023 22:08

Instrument :
 BNA_N
 ClientSampleId :
 C0AB6

Tgt Ion:	178	Resp:	32908
Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.3	16.0	24.0

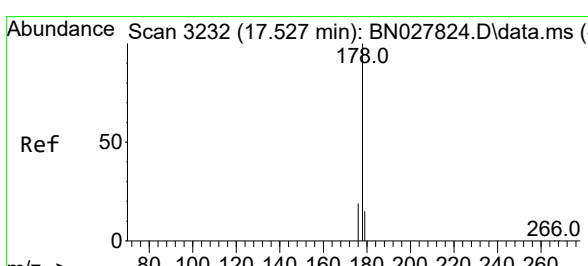
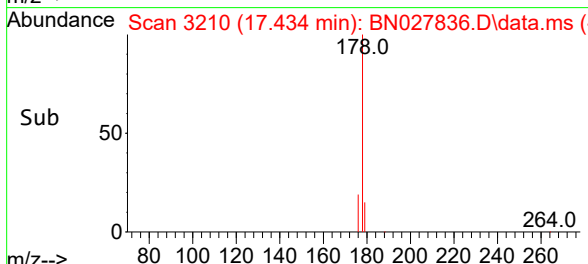
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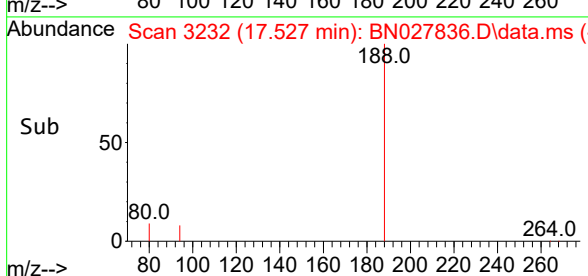
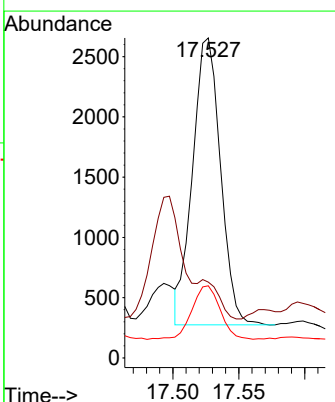
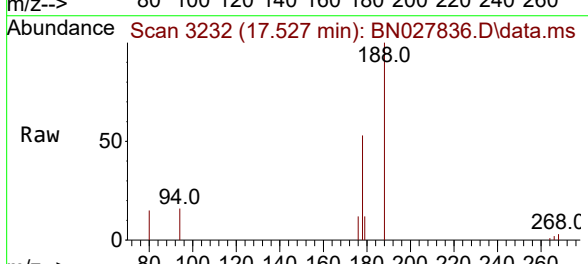
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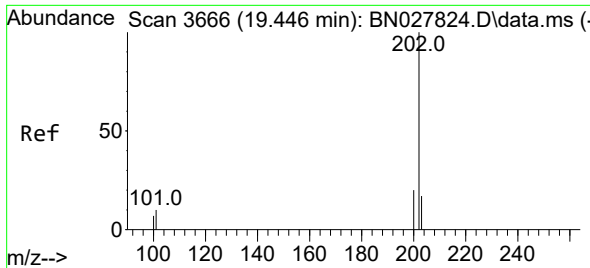
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#16
 Anthracene
 Concen: 0.047 ng/ul
 RT: 17.527 min Scan# 3232
 Delta R.T. -0.000 min
 Lab File: BN027836.D
 Acq: 22 Sep 2023 22:08

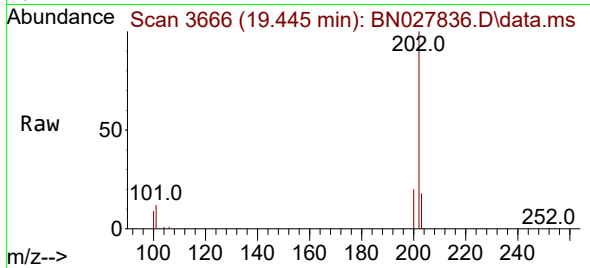
Tgt Ion:	178	Resp:	3499
Ion	Ratio	Lower	Upper
178	100		
179	23.7	12.6	19.0#
176	22.6	15.5	23.3





#19
Fluoranthene
Concen: 0.922 ng/ul
RT: 19.445 min Scan# 3666
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

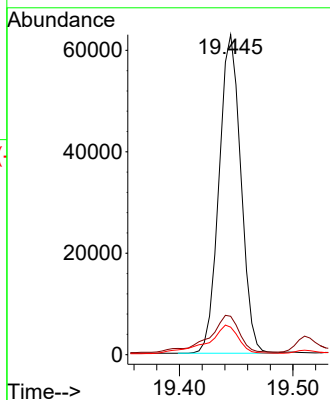
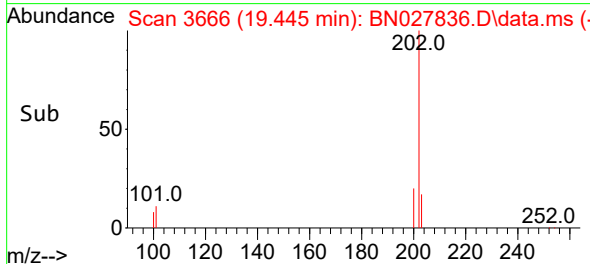
Instrument :
BNA_N
ClientSampleId :
C0AB6



Tgt Ion:202 Resp: 83825
Ion Ratio Lower Upper
202 100
101 12.0 9.3 13.9
100 8.6 7.0 10.4

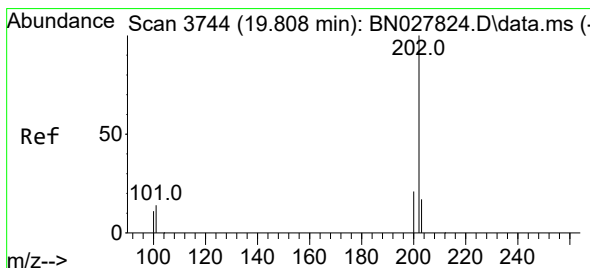
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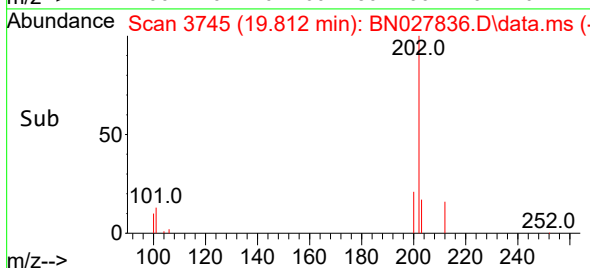
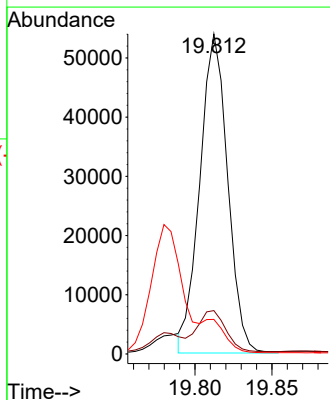
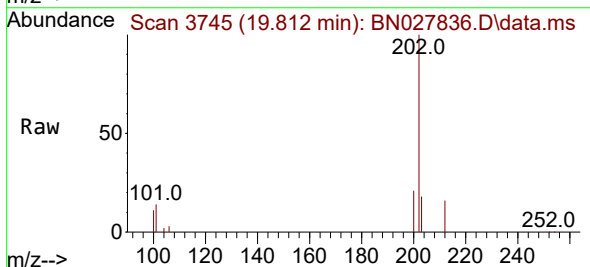
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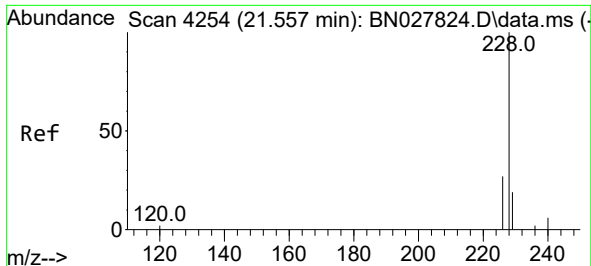
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#20
Pyrene
Concen: 0.725 ng/ul m
RT: 19.812 min Scan# 3745
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

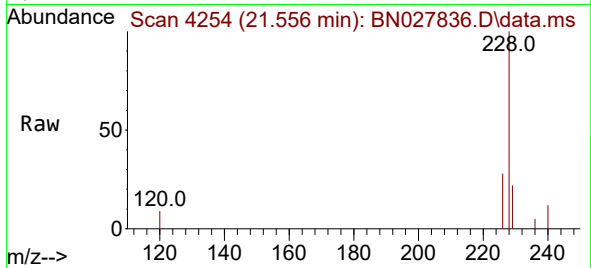
Tgt Ion:202 Resp: 67846
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.343 ng/ul
RT: 21.556 min Scan# 4254
Delta R.T. 0.003 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

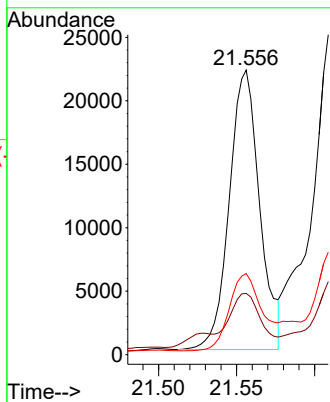
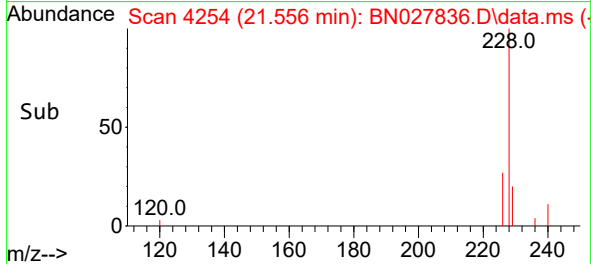
Instrument :
BNA_N
ClientSampleId :
C0AB6



Tgt Ion:228 Resp: 2985
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.8
226 28.5 22.0 33.0

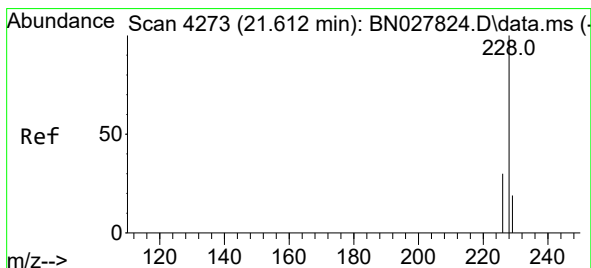
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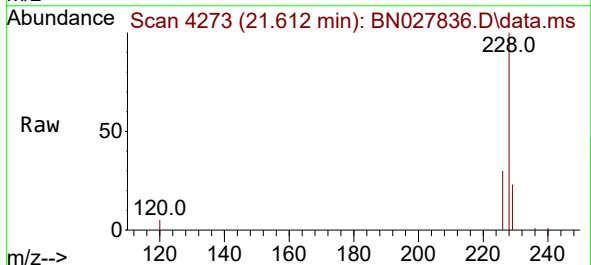


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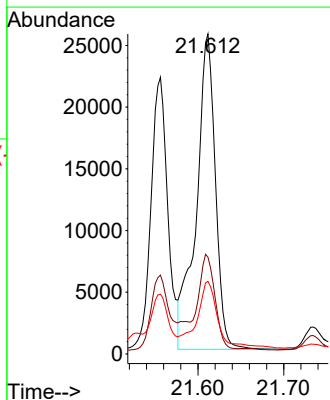
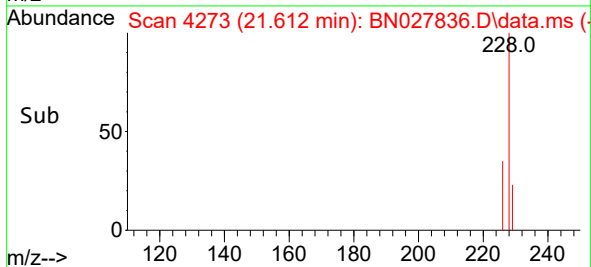
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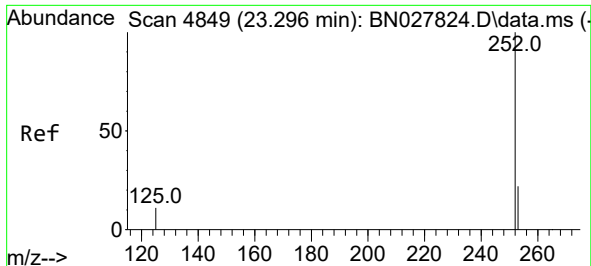


#22
Chrysene
Concen: 0.440 ng/ul
RT: 21.612 min Scan# 4273
Delta R.T. 0.003 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08



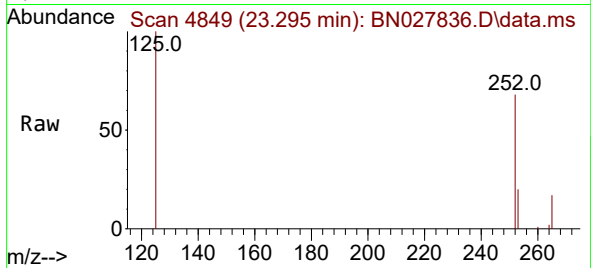
Tgt Ion:228 Resp: 39540
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 22.7 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 0.583 ng/ul m
RT: 23.295 min Scan# 4849
Delta R.T. 0.006 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

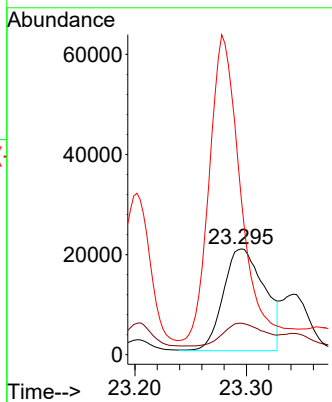
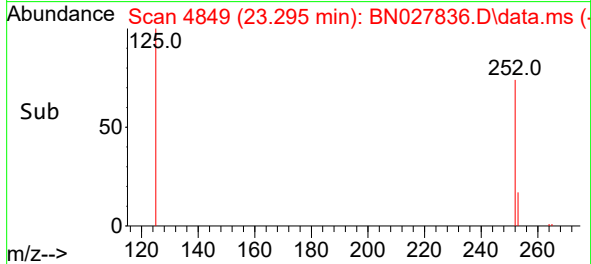
Instrument :
BNA_N
ClientSampleId :
C0AB6



Tgt Ion:252 Resp: 52130
Ion Ratio Lower Upper
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253 29.8 0.0 50.2
125 147.8 0.0 31.4

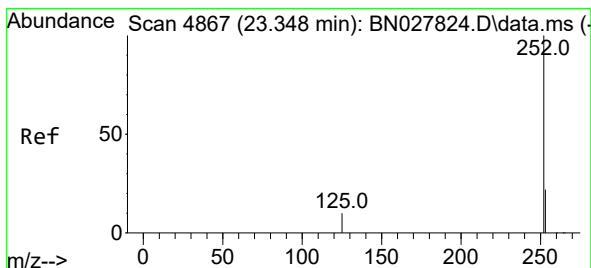
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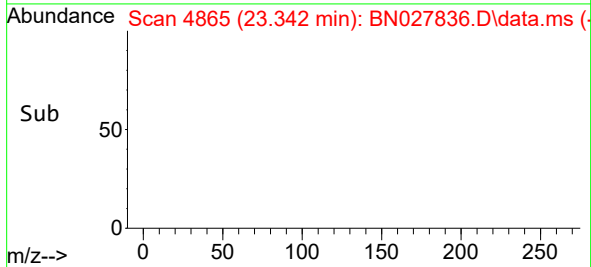
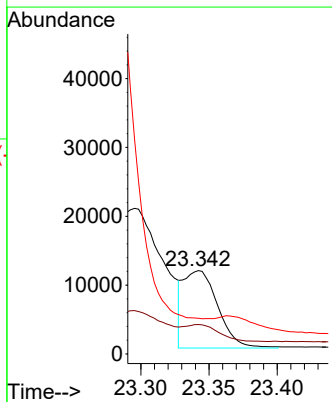
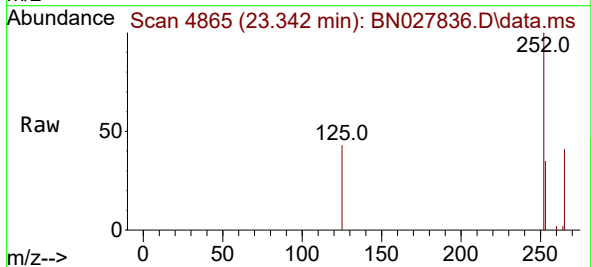
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Supervised By :mohammad
ahmed

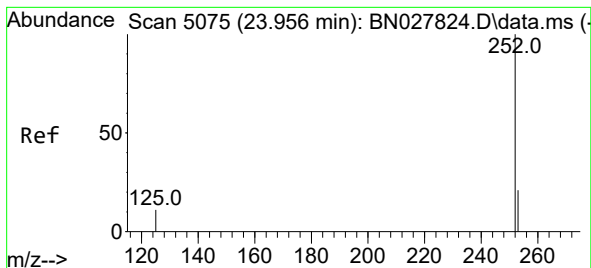
09/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.228 ng/ul m
RT: 23.342 min Scan# 4865
Delta R.T. -0.000 min
Lab File: BN027836.D
Acq: 22 Sep 2023 22:08

Tgt Ion:252 Resp: 19767
Ion Ratio Lower Upper
252 100
253 35.3 19.9 29.9#
125 42.8 12.6 19.0#





#26

Benzo(a)pyrene

Concen: 0.403 ng/ul

RT: 23.956 min Scan# 5075

Delta R.T. 0.006 min

Lab File: BN027836.D

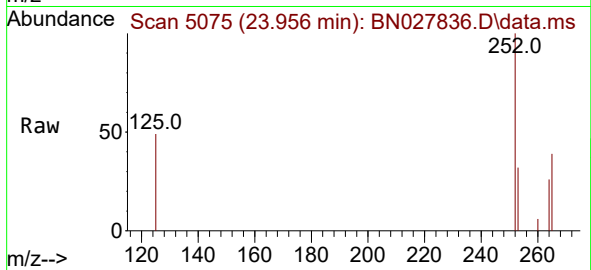
Acq: 22 Sep 2023 22:08

Instrument :

BNA_N

ClientSampleId :

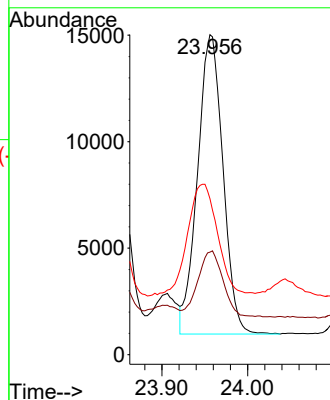
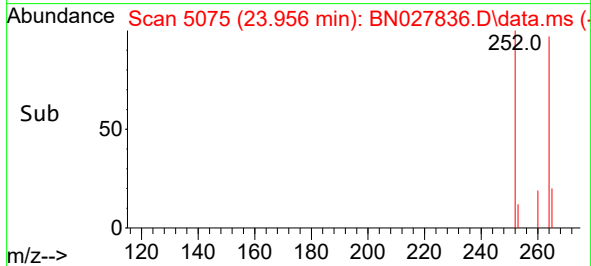
C0AB6



Tgt Ion:	252	Resp:	2895
Ion Ratio	Lower	Upper	
252	100		
253	32.1	21.9	32.9
125	48.8	15.5	23.3

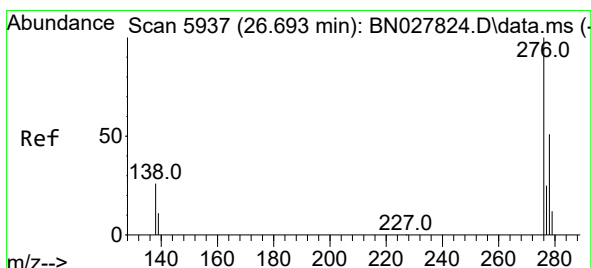
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel



09/25/2023
Supervised By :mohammad
ahmed

09/25/2023



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.267 ng/ul

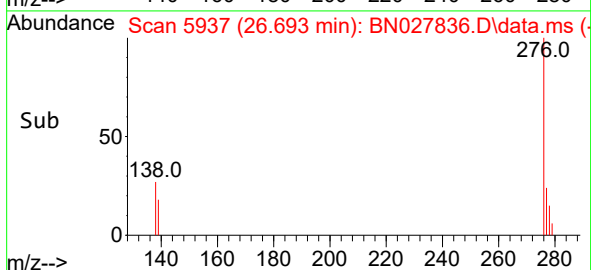
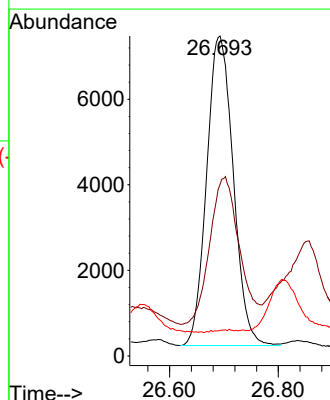
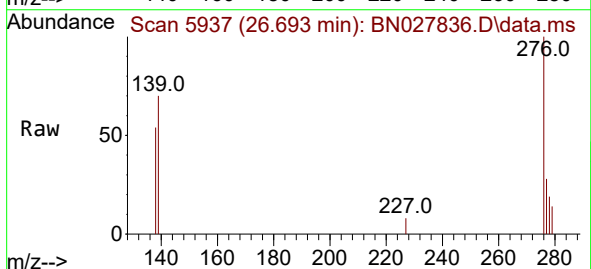
RT: 26.693 min Scan# 5937

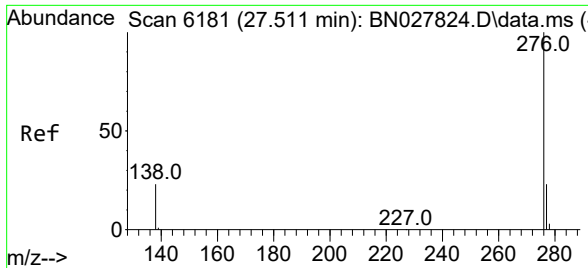
Delta R.T. 0.010 min

Lab File: BN027836.D

Acq: 22 Sep 2023 22:08

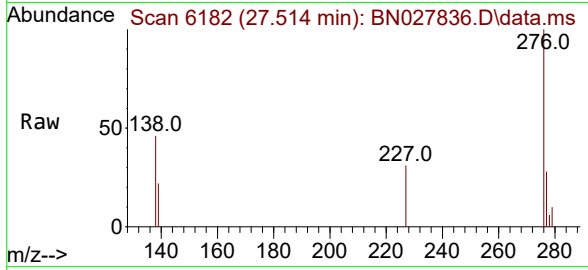
Tgt Ion:	276	Resp:	24570
Ion Ratio	Lower	Upper	
276	100		
138	53.0	24.3	36.5
227	0.0	0.0	0.0





#29
 Benzo(g,h,i)perylene
 Concen: 0.314 ng/ul
 RT: 27.514 min Scan# 6181
 Delta R.T. 0.010 min
 Lab File: BN027836.D
 Acq: 22 Sep 2023 22:08

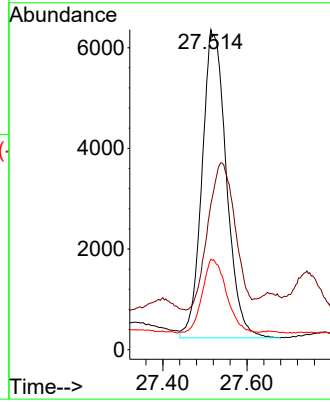
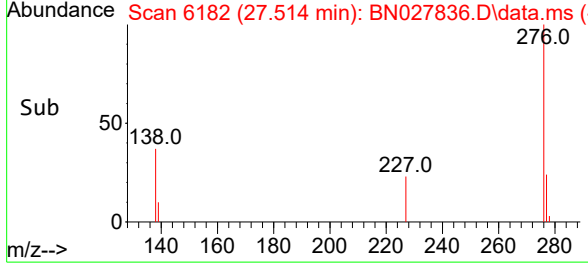
Instrument :
 BNA_N
 ClientSampleId :
 C0AB6



Tgt Ion: 276 Resp: 24570
 Ion Ratio Lower Upper
 276 100
 138 45.6 21.7 32.5
 277 28.2 20.2 30.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel



09/25/2023
 Supervised By :mohammad
 ahmed

09/25/2023