

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025940.D
 Acq On : 22 Jun 2023 16:46
 Operator : MA/JU
 Sample : 03083-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:03:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7583	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	23762	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.621	164	15380	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	32897	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	21438	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	18048	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	26881	3.148	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	9350	0.256	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	22252	0.273	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.842	128	53924	0.792	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	30448	0.702	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	18769	0.418	ng/ul	100
10) Acenaphthylene	14.339	152	65816	0.914	ng/ul	99
11) Acenaphthene	14.681	153	8628	0.146	ng/ul	98
12) Fluorene	15.667	166	8334	0.123	ng/ul#	96
14) Pentachlorophenol	17.013	266	251	0.021	ng/ul	90
15) Phenanthrene	17.402	178	277884	2.557	ng/ul	99
16) Anthracene	17.495	178	54186	0.561	ng/ul	98
19) Fluoranthene	19.419	202	791815	6.915	ng/ul	97
20) Pyrene	19.782	202	644226	5.409	ng/ul	96
21) Benzo(a)anthracene	21.529	228	326815	3.695	ng/ul	97
22) Chrysene	21.584	228	385506	4.189	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	512118m	6.648	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	140264m	1.813	ng/ul	
26) Benzo(a)pyrene	23.897	252	279985	4.185	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.567	276	212939	2.914	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.574	278	51738	0.935	ng/ul	97
29) Benzo(g,h,i)perylene	27.362	276	201006	3.092	ng/ul	96

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

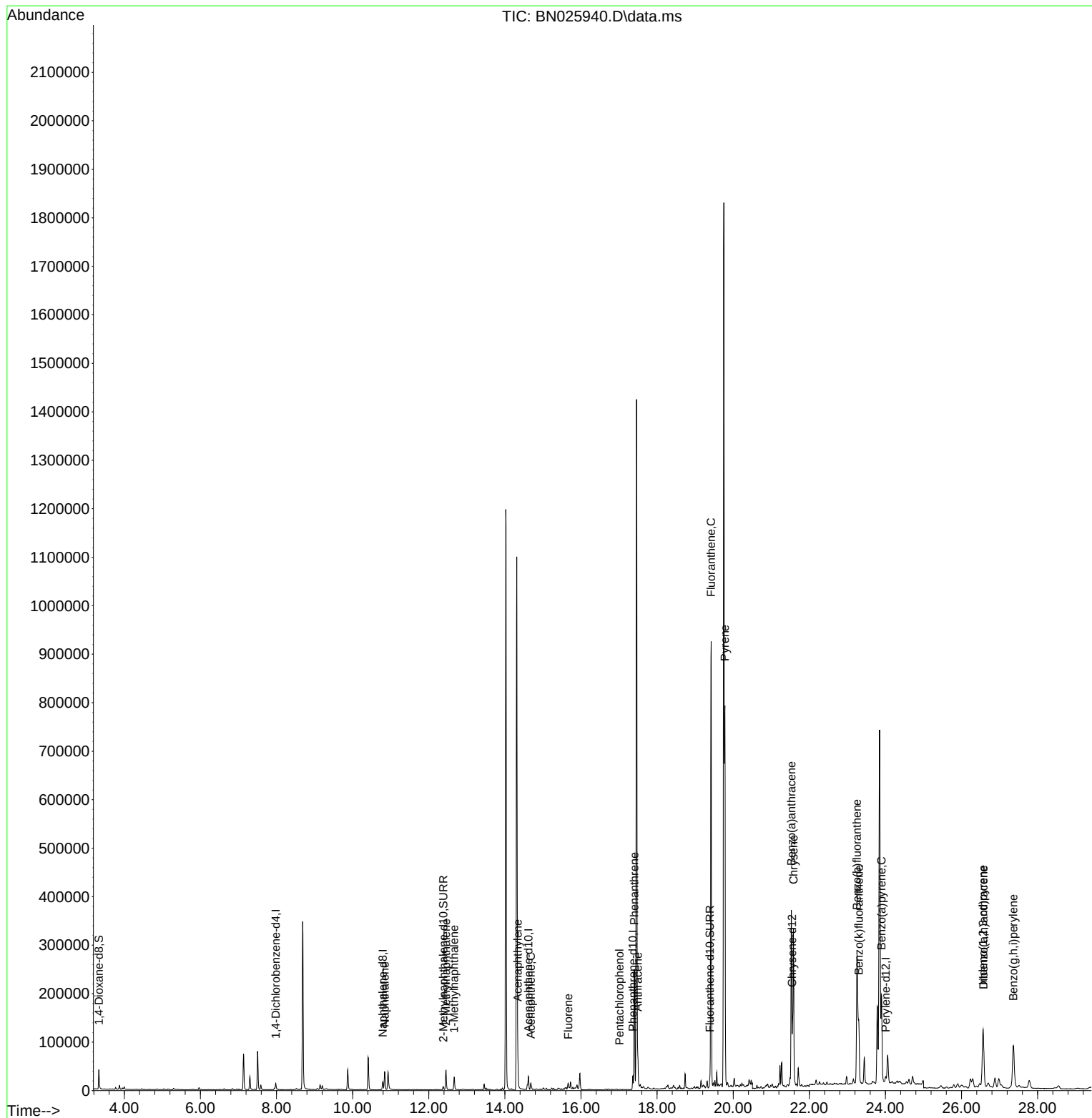
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025940.D
Acq On : 22 Jun 2023 16:46
Operator : MA/JU
Sample : 03083-16
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ALS Vial : 14 Sample Multiplier: 1

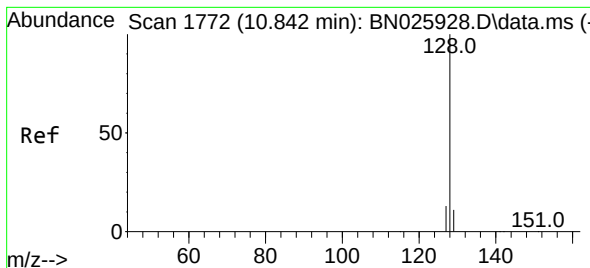
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#5

Naphthalene

Concen: 0.792 ng/ul

RT: 10.842 min Scan# 11

Delta R.T. -0.006 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

Instrument :

BNA_N

ClientSampleId :

DCFL4

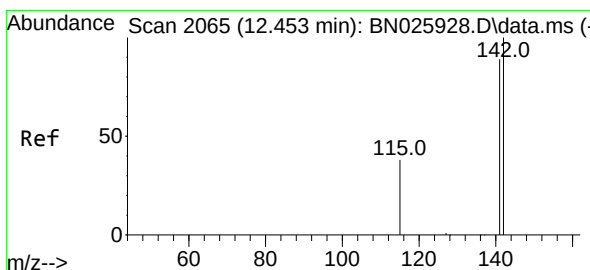
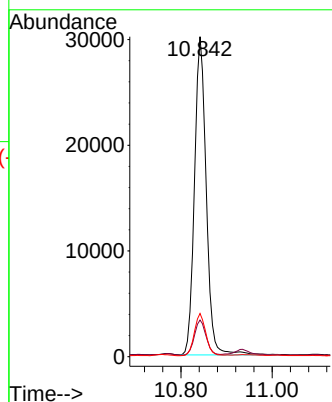
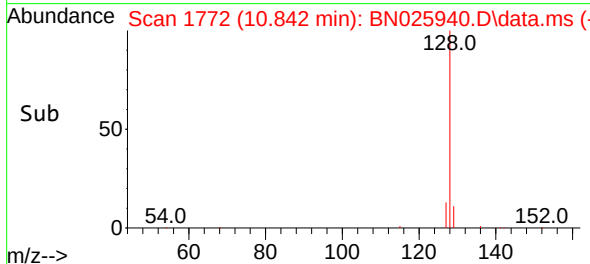
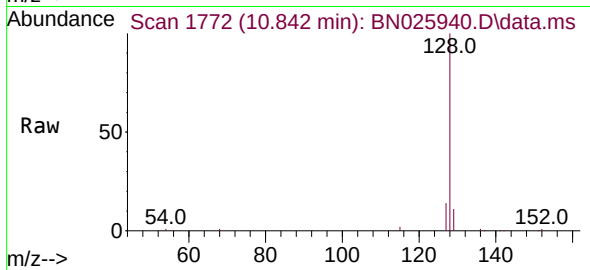
Tgt Ion:128	Resp:	53924
Ion Ratio	Lower	Upper
128	100	
129	11.5	9.1 13.7
127	13.5	10.7 16.1

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#7

2-Methylnaphthalene

Concen: 0.702 ng/ul

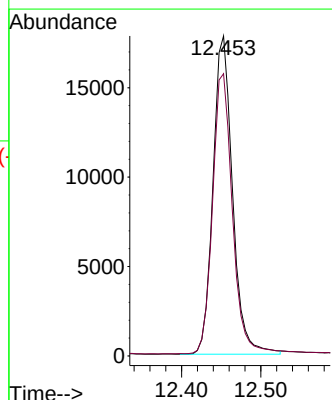
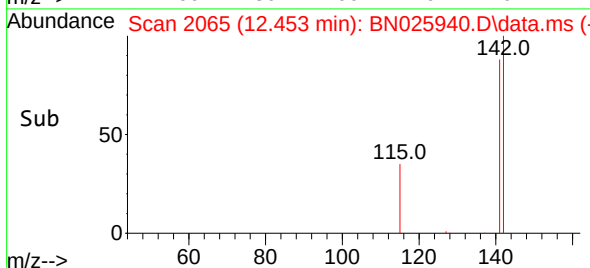
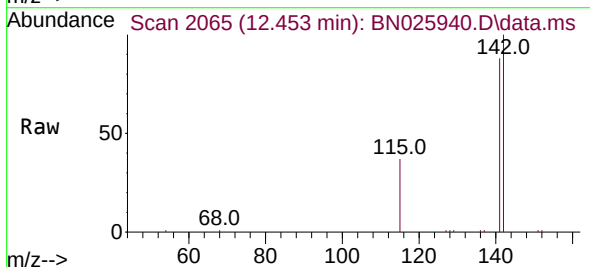
RT: 12.453 min Scan# 2065

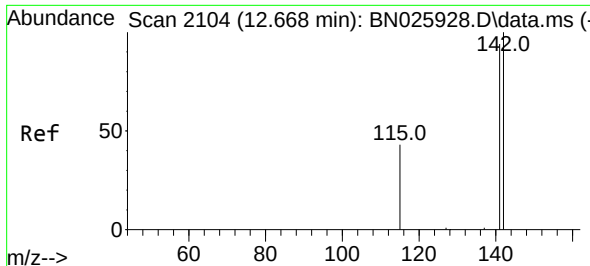
Delta R.T. -0.000 min

Lab File: BN025940.D

Acq: 22 Jun 2023 16:46

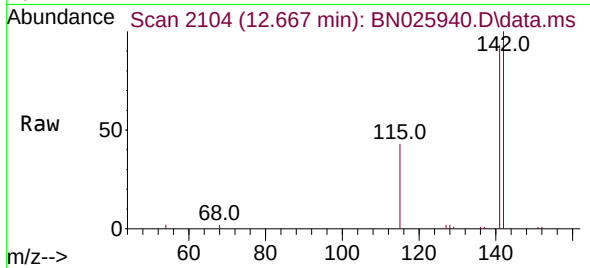
Tgt Ion:142	Resp:	30448
Ion Ratio	Lower	Upper
142	100	
141	89.5	71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.418 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

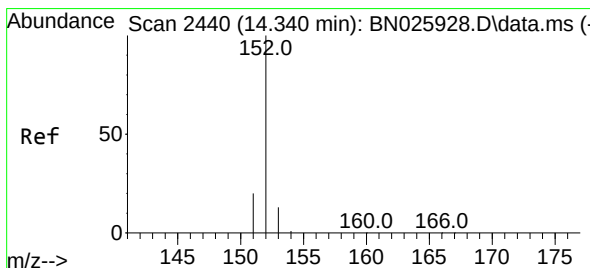
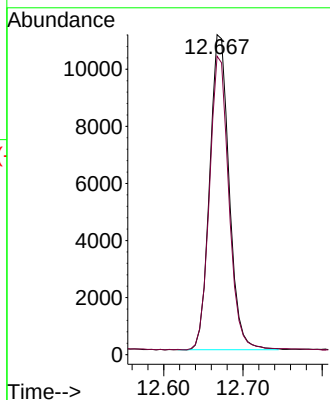
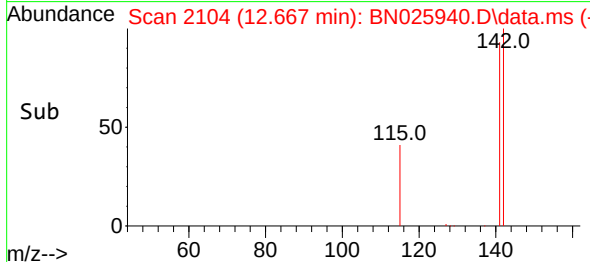
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 18769
Ion Ratio Lower Upper
142 100
141 93.0 74.2 111.4

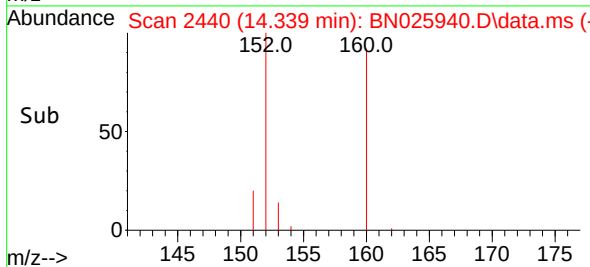
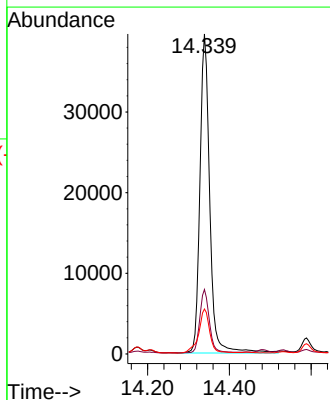
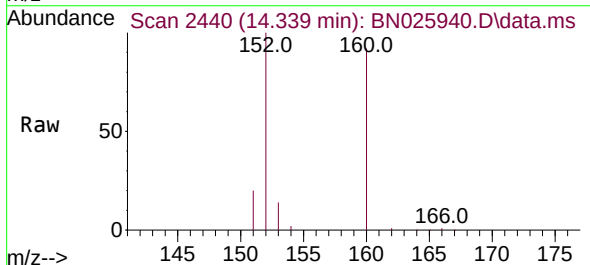
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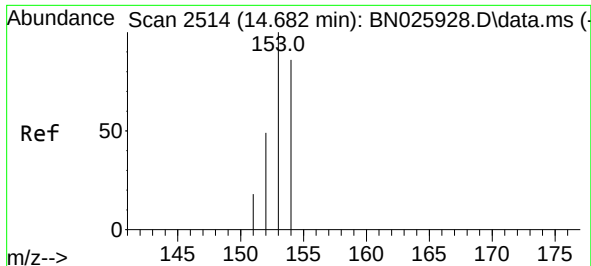
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.914 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

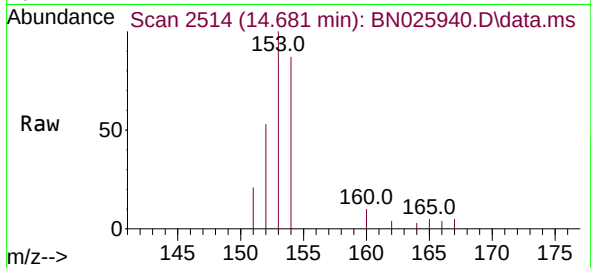
Tgt Ion:152 Resp: 65816
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.1 10.9 16.3





#11
Acenaphthene
Concen: 0.146 ng/u1
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

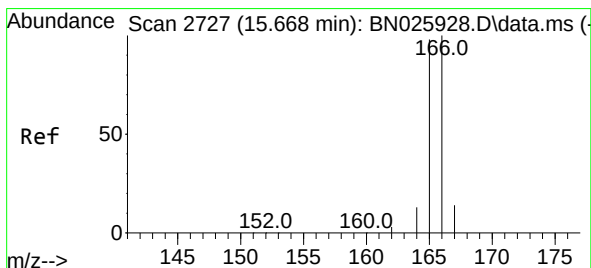
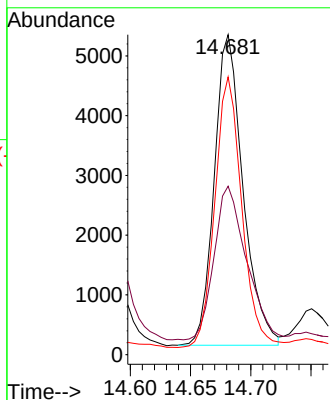
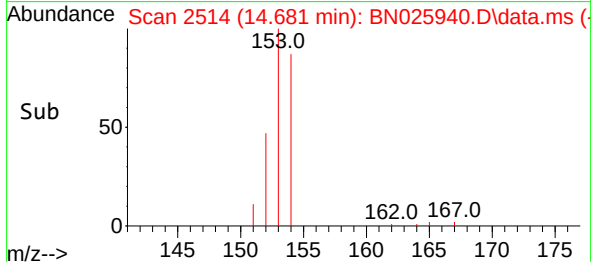
Instrument :
BNA_N
ClientSampleId :
DCFL4



Tgt Ion:153 Resp: 8628
Ion Ratio Lower Upper
153 100
152 52.6 39.4 59.0
154 86.8 68.9 103.3

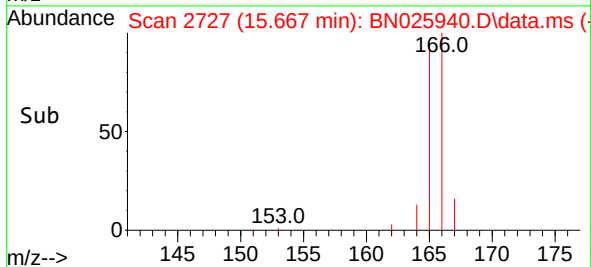
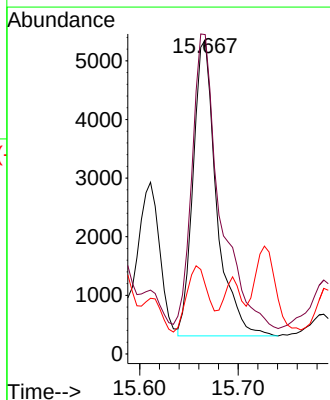
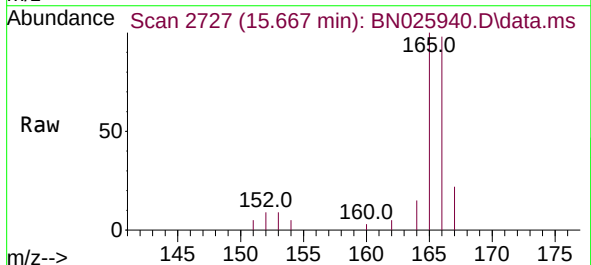
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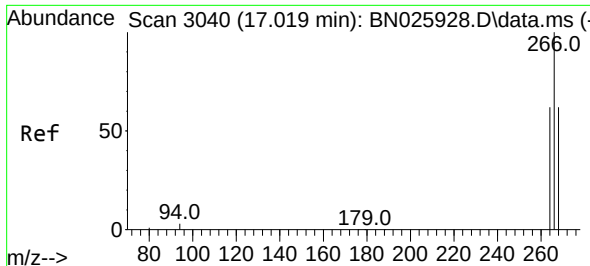
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.123 ng/u1
RT: 15.667 min Scan# 2727
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Tgt Ion:166 Resp: 8334
Ion Ratio Lower Upper
166 100
165 101.7 79.9 119.9
167 22.0 10.8 16.2#





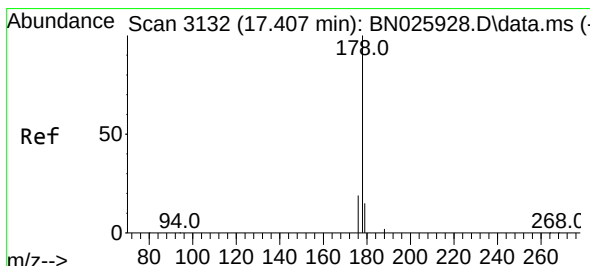
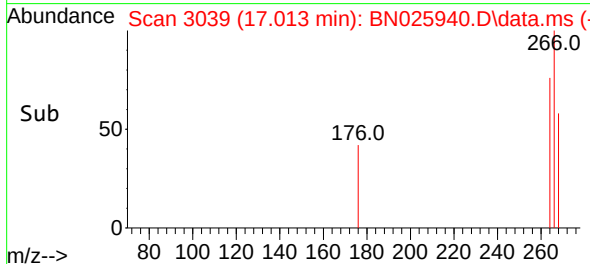
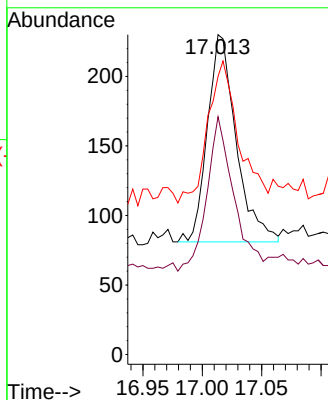
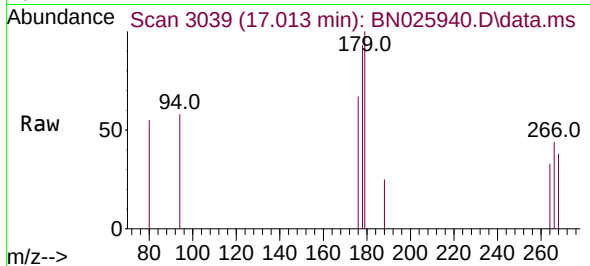
#14
Pentachlorophenol
Concen: 0.021 ng/u1
RT: 17.013 min Scan# 3040
Delta R.T. -0.004 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

Instrument :
BNA_N
ClientSampleId :
DCFL4

Tgt Ion:266 Resp: 25
Ion Ratio Lower Upper
266 100
264 70.5 50.5 75.7
268 72.9 51.6 77.4

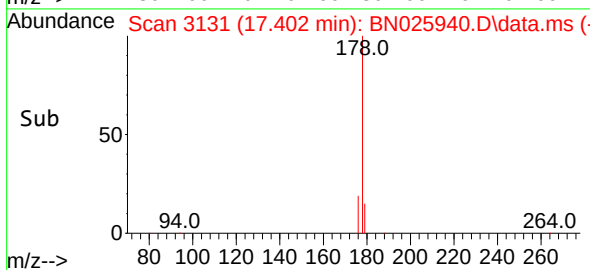
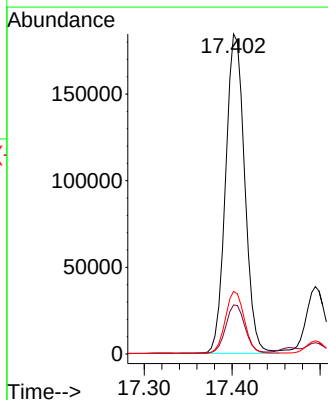
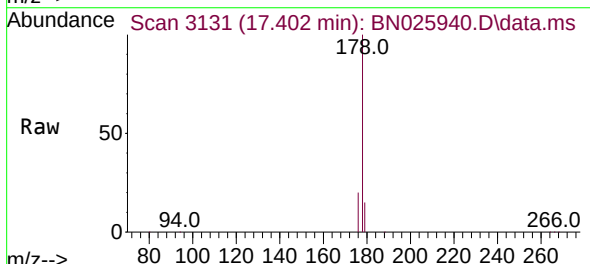
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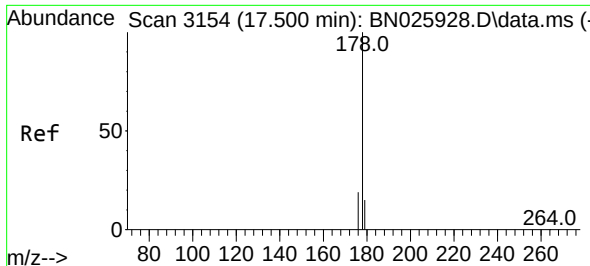
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#15
Phenanthrene
Concen: 2.557 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

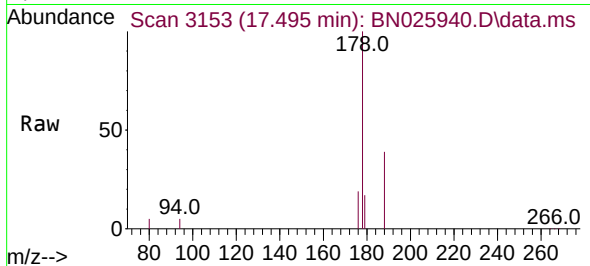
Tgt Ion:178 Resp: 277884
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.561 ng/ul
 RT: 17.495 min Scan# 3154
 Delta R.T. -0.004 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

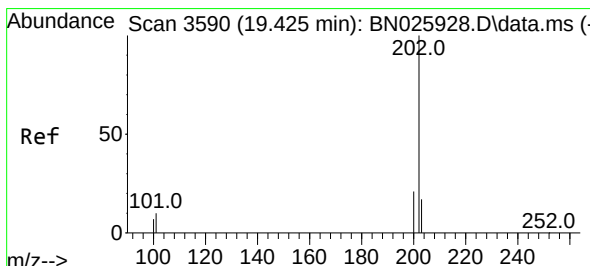
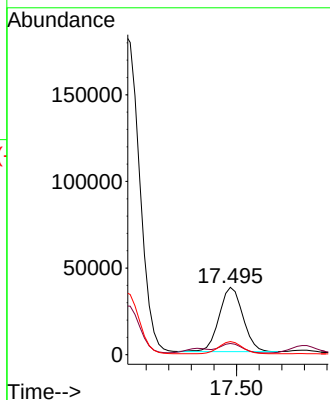
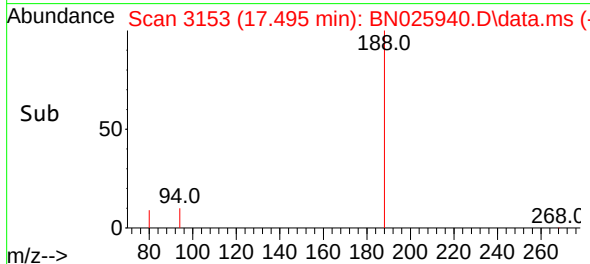
Instrument :
 BNA_N
 ClientSampleId :
 DCFL4



Tgt Ion:178 Resp: 54180
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 18.8
 176 19.4 15.1 22.7

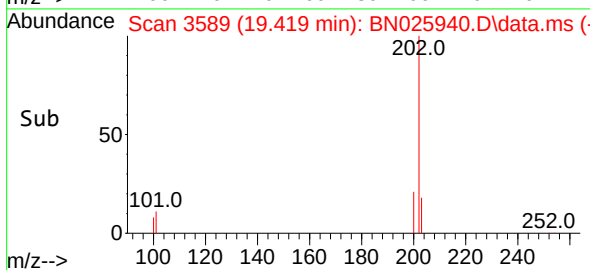
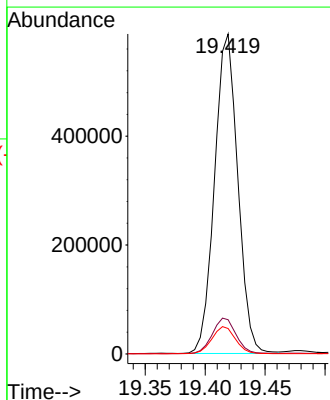
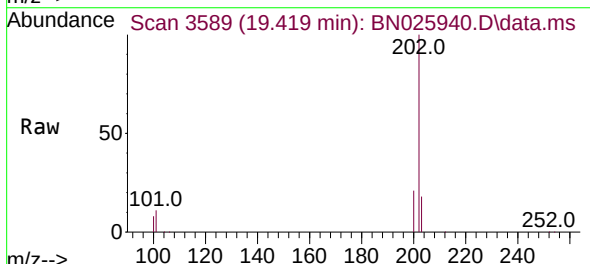
Manual Integrations
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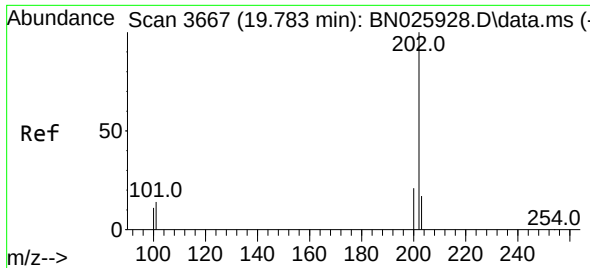
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#19
 Fluoranthene
 Concen: 6.915 ng/ul
 RT: 19.419 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

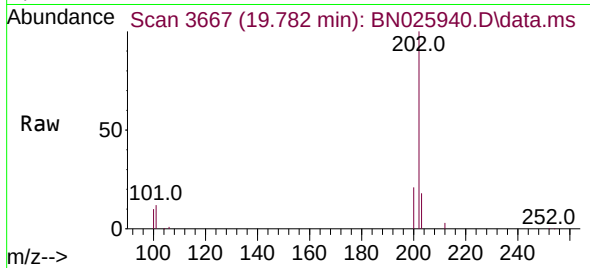
Tgt Ion:202 Resp: 791815
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.5 14.3
 100 8.0 7.3 10.9





#20
Pyrene
Concen: 5.409 ng/u1
RT: 19.782 min Scan# 30
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

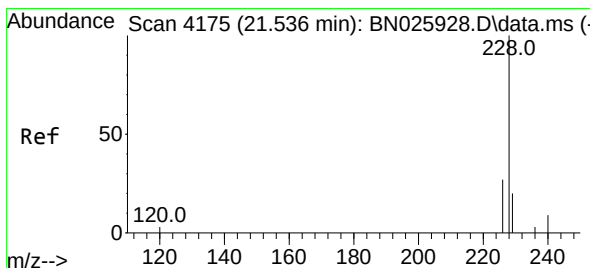
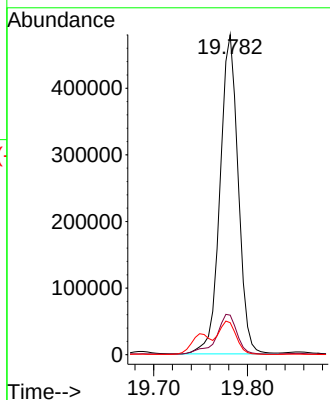
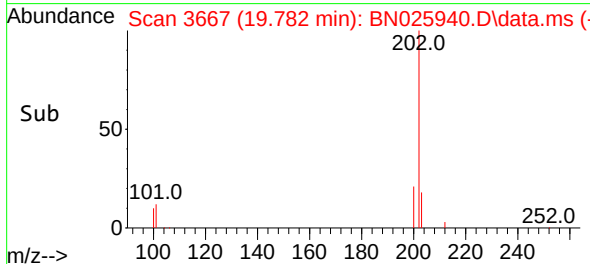
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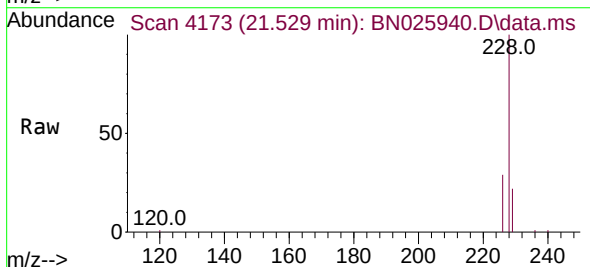
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Ion Ratio Lower Upper
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101 12.4 11.4 17.0
100 10.0 9.1 13.7

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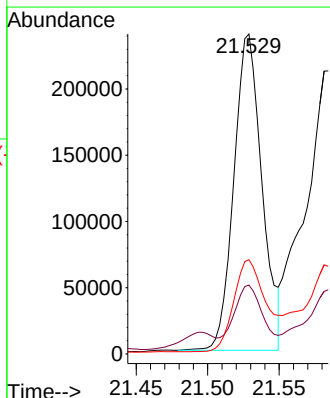
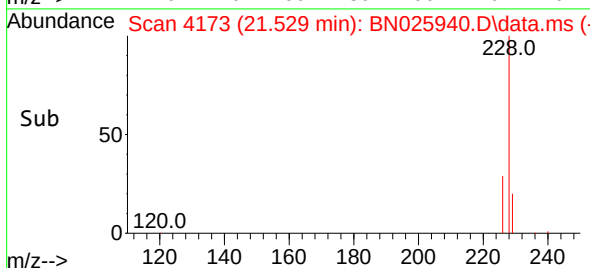
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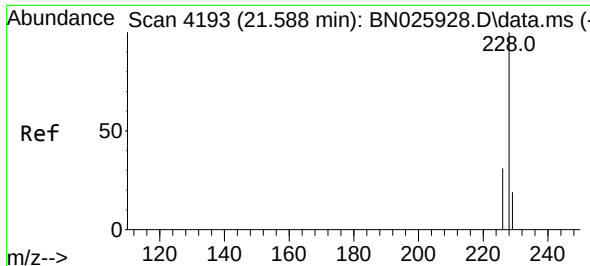


#21
Benzo(a)anthracene
Concen: 3.695 ng/u1
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46



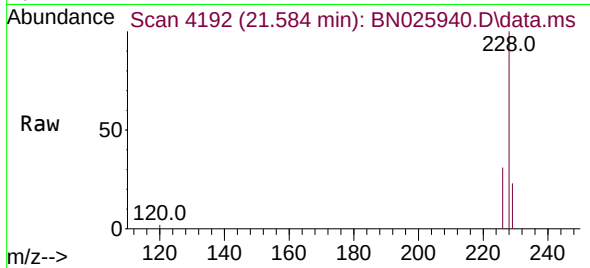
Tgt Ion:228 Resp: 326815
Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.5 22.5 33.7





#22
Chrysene
Concen: 4.189 ng/ul
RT: 21.584 min Scan# 4193
Delta R.T. -0.000 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

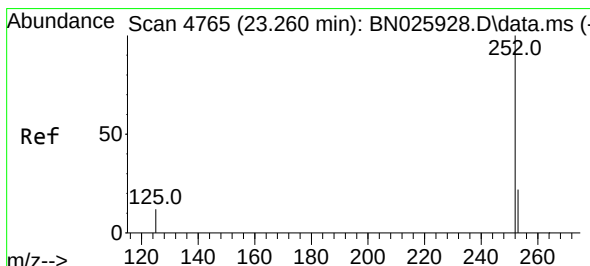
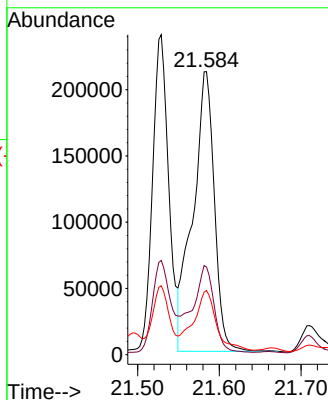
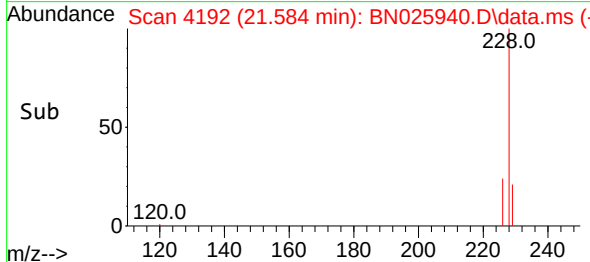
Instrument :
BNA_N
ClientSampleId :
DCFL4



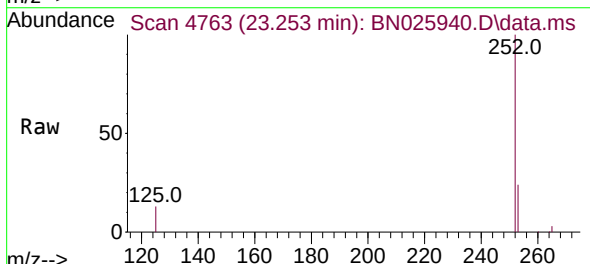
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Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 22.7 15.7 23.5

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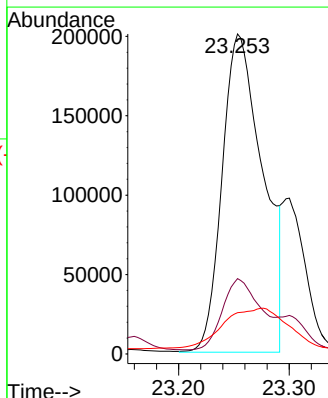
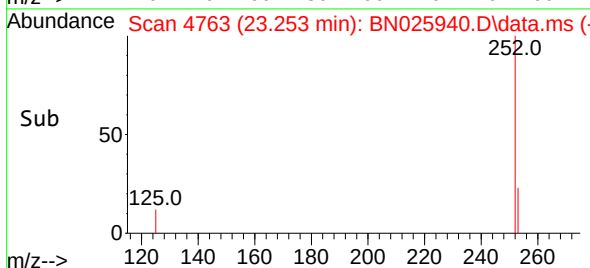
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

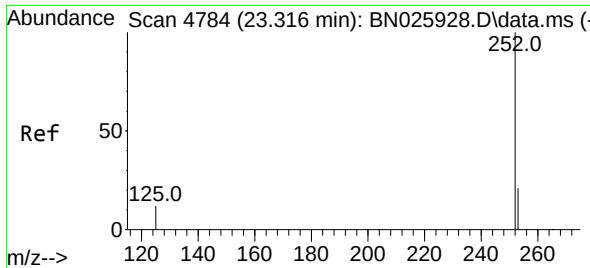


#24
Benzo(b)fluoranthene
Concen: 6.648 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46



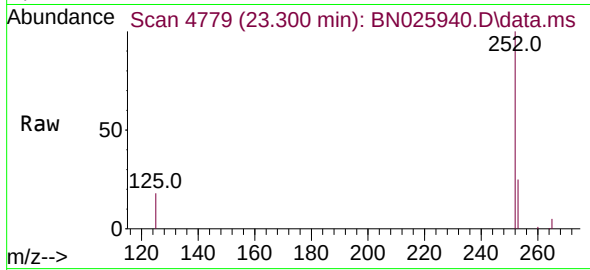
Tgt Ion:252 Resp: 512118
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 12.9 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 1.813 ng/ul m
RT: 23.300 min Scan# 4784
Delta R.T. -0.009 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

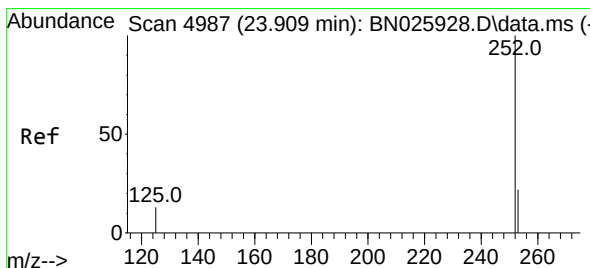
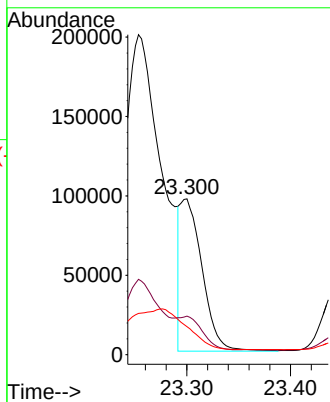
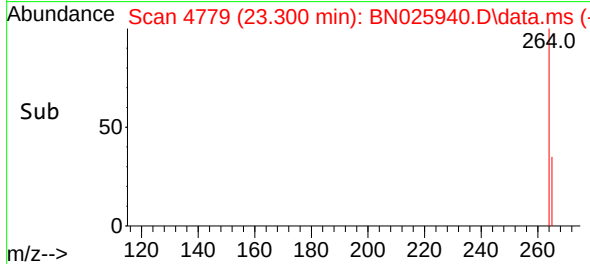
Instrument :
BNA_N
ClientSampleId :
DCFL4



Tgt Ion:252 Resp: 140264
Ion Ratio Lower Upper
252 100
253 24.7 23.2 34.8
125 18.0 15.0 22.4

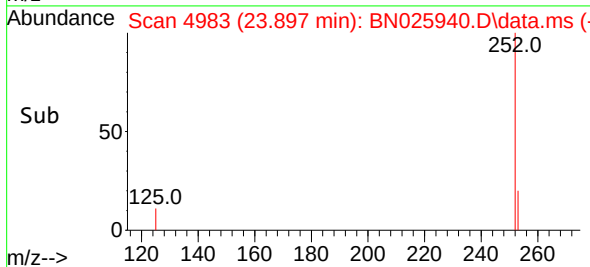
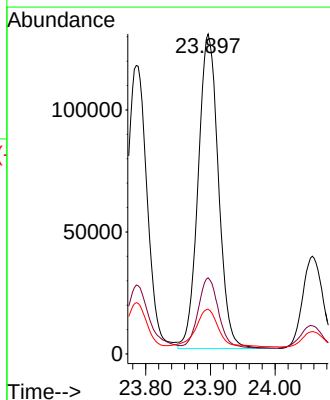
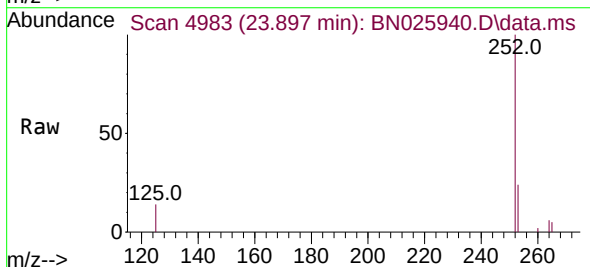
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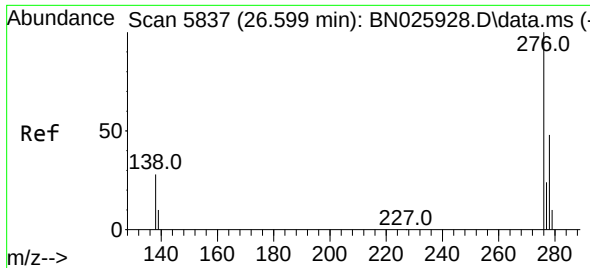
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#26
Benzo(a)pyrene
Concen: 4.185 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. -0.012 min
Lab File: BN025940.D
Acq: 22 Jun 2023 16:46

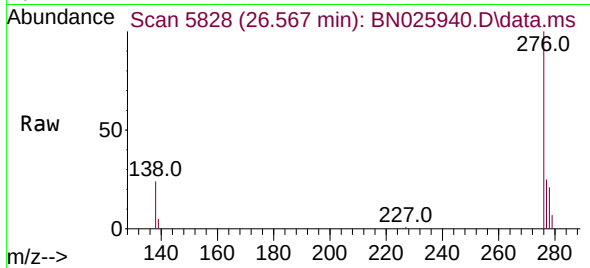
Tgt Ion:252 Resp: 279985
Ion Ratio Lower Upper
252 100
253 23.8 26.0 39.0#
125 14.0 17.3 25.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.914 ng/ul
 RT: 26.567 min Scan# 5828
 Delta R.T. -0.027 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

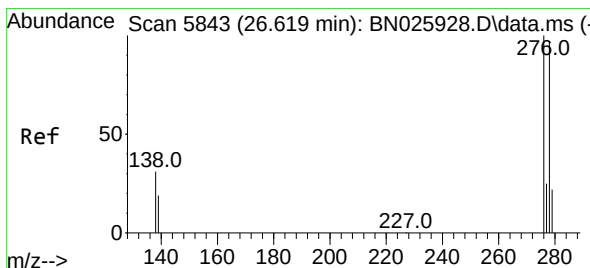
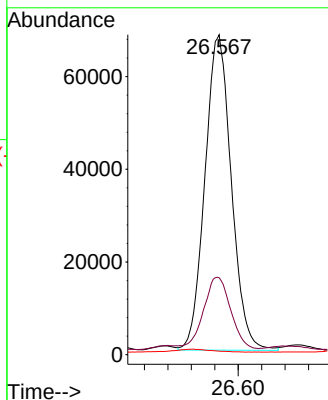
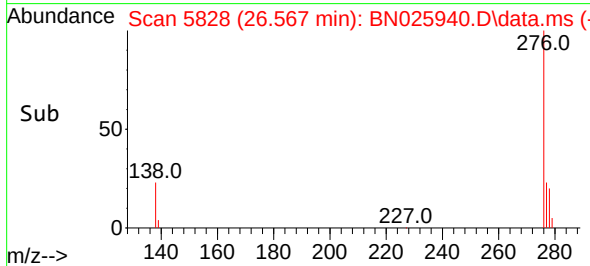
Instrument :
 BNA_N
 ClientSampleId :
 DCFL4



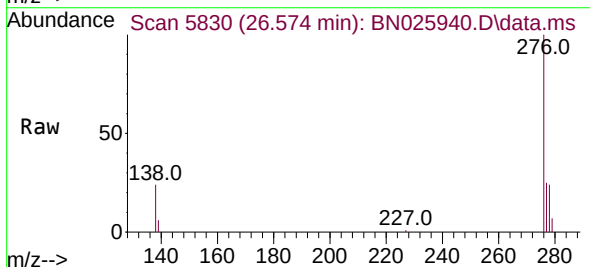
Tgt Ion:276 Resp: 212938
 Ion Ratio Lower Upper
 276 100
 138 23.7 24.5 36.7
 227 0.0 0.0 0.0

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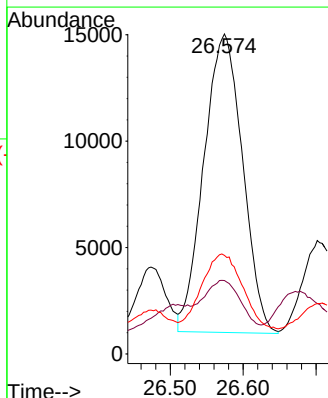
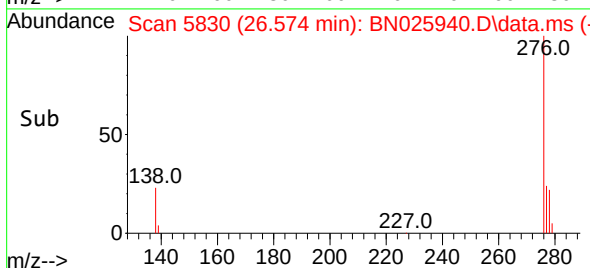
Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

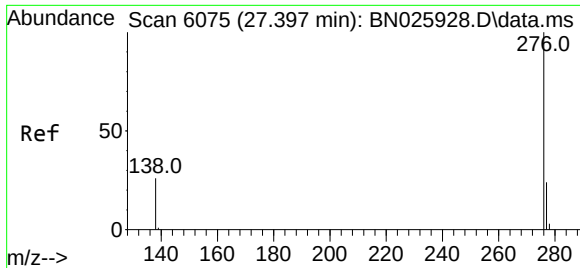


#28
 Dibenzo(a,h)anthracene
 Concen: 0.935 ng/ul
 RT: 26.574 min Scan# 5830
 Delta R.T. -0.047 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46



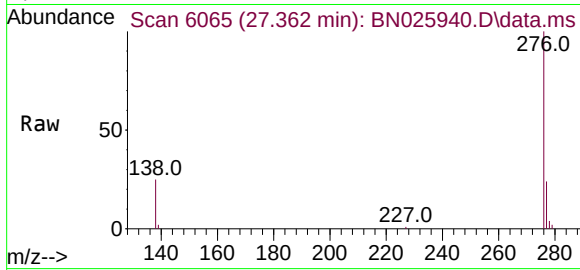
Tgt Ion:278 Resp: 51738
 Ion Ratio Lower Upper
 278 100
 139 23.0 19.0 28.4
 279 30.8 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 3.092 ng/ul
 RT: 27.362 min Scan# 6075
 Delta R.T. -0.024 min
 Lab File: BN025940.D
 Acq: 22 Jun 2023 16:46

Instrument :
 BNA_N
 ClientSampleId :
 DCFL4



Tgt Ion:276 Resp: 201000
 Ion Ratio Lower Upper
 276 100
 138 25.5 23.4 35.0
 277 24.2 20.0 30.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

