

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025993.D
 Acq On : 24 Jun 2023 07:10
 Operator : MA/JU
 Sample : 03085-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:47:44 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	7.976	152	7547	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	24010	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.617	164	14944	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	33174	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	20989	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	18511	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	30522	3.591	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	10190	0.276	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	25187	0.315	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.836	128	22298	0.324	ng/ul	99
7) 2-Methylnaphthalene	12.448	142	10273	0.234	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	7167	0.158	ng/ul	100
10) Acenaphthylene	14.334	152	35576	0.508	ng/ul	99
11) Acenaphthene	14.677	153	7206	0.126	ng/ul	98
12) Fluorene	15.662	166	7097	0.108	ng/ul#	97
15) Phenanthrene	17.402	178	182433	1.665	ng/ul	99
16) Anthracene	17.491	178	44313	0.455	ng/ul	99
19) Fluoranthene	19.415	202	538798	4.806	ng/ul	98
20) Pyrene	19.777	202	448686	3.848	ng/ul	97
21) Benzo(a)anthracene	21.526	228	264408	3.054	ng/ul	97
22) Chrysene	21.582	228	284558	3.158	ng/ul	97
24) Benzo(b)fluoranthene	23.256	252	375468m	4.752	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	125079m	1.577	ng/ul	
26) Benzo(a)pyrene	23.905	252	228040	3.323	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.588	276	173344	2.313	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.598	278	42698	0.753	ng/ul	97
29) Benzo(g,h,i)perylene	27.393	276	170294	2.554	ng/ul	95

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

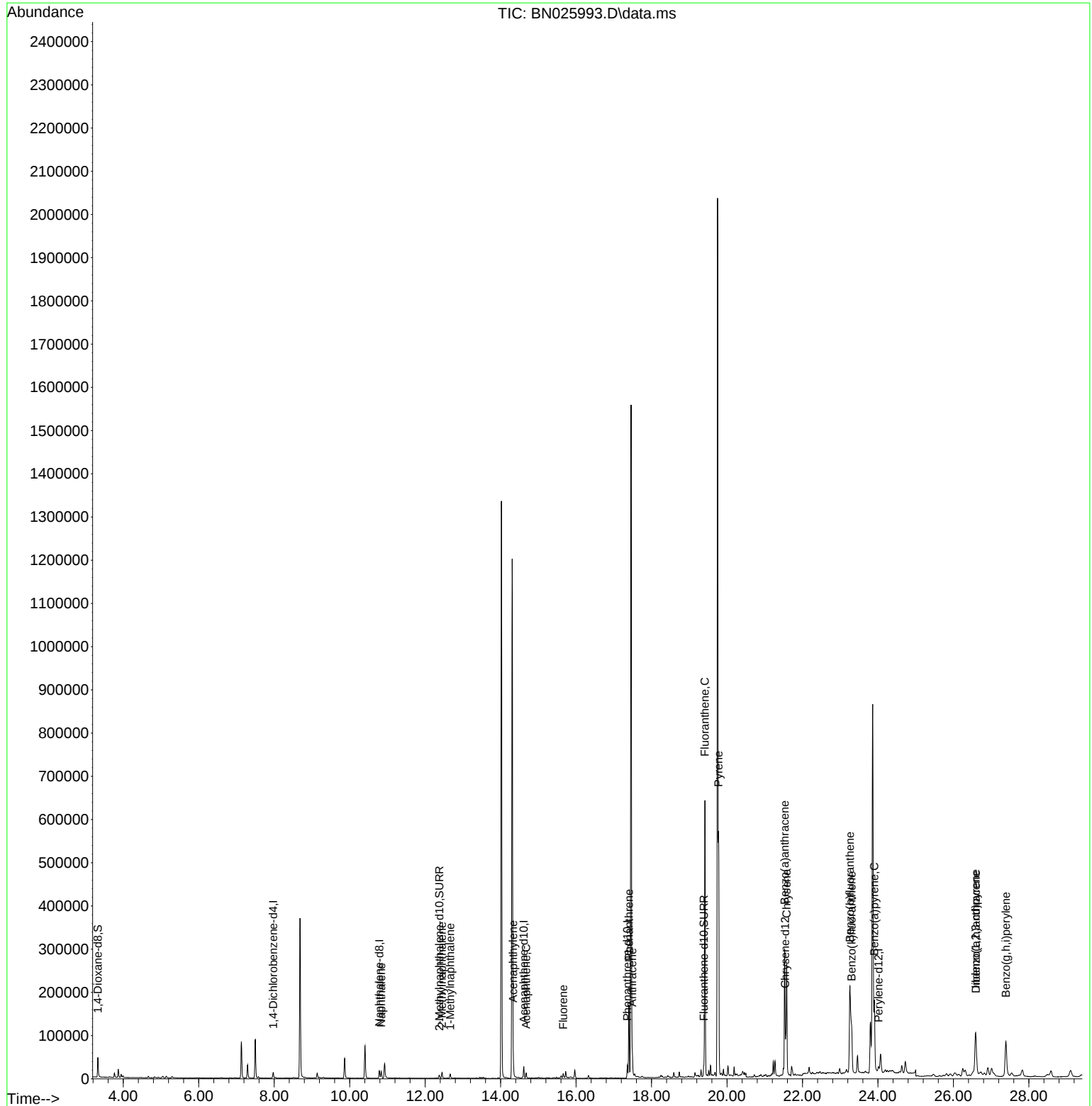
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025993.D
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ALS Vial : 21 Sample Multiplier: 1

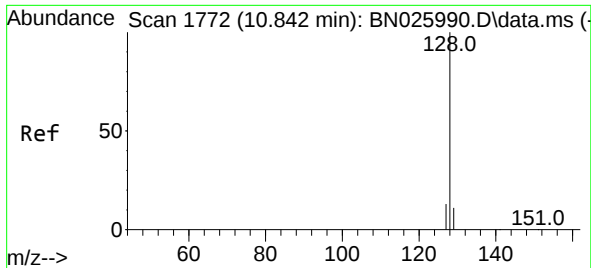
Instrument :
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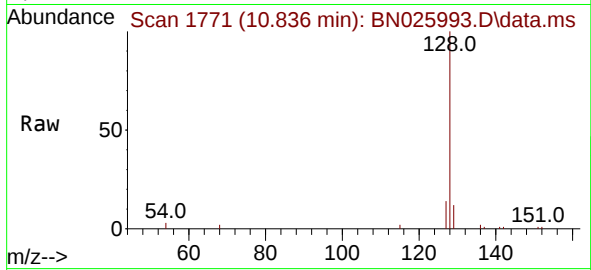
Quant Time: Jun 24 23:47:44 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

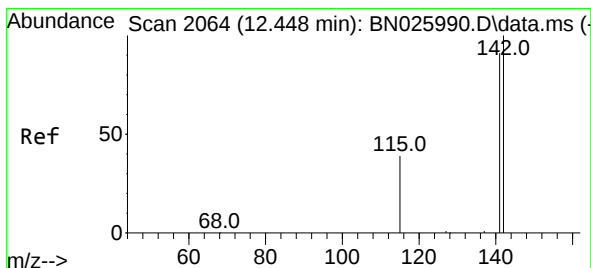
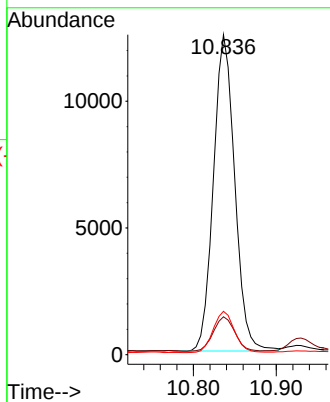
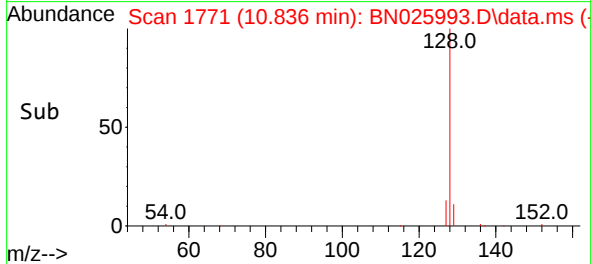
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:128 Resp: 22298
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.6 10.7 16.1

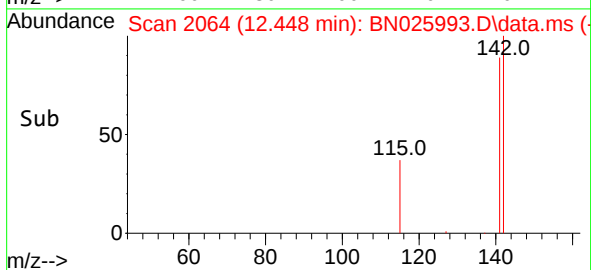
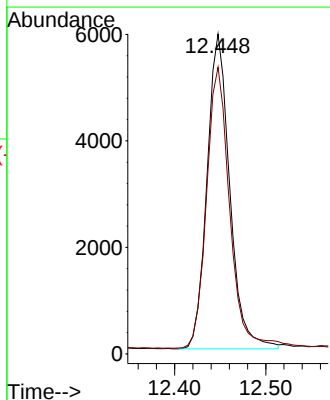
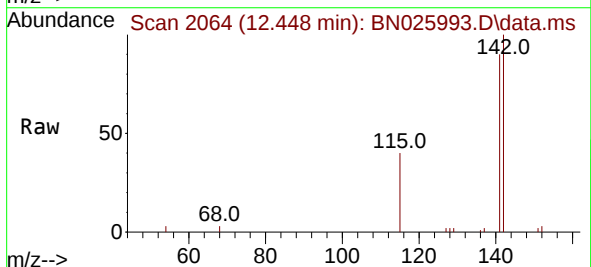
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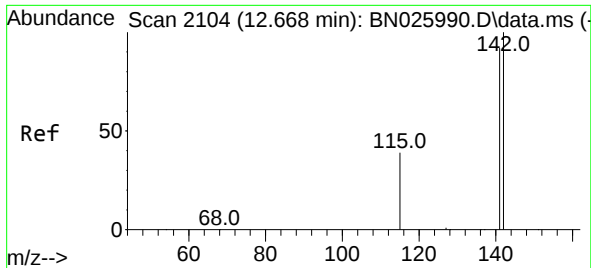
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.234 ng/ul
RT: 12.448 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

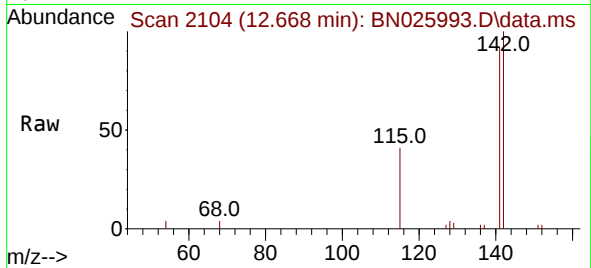
Tgt Ion:142 Resp: 10273
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

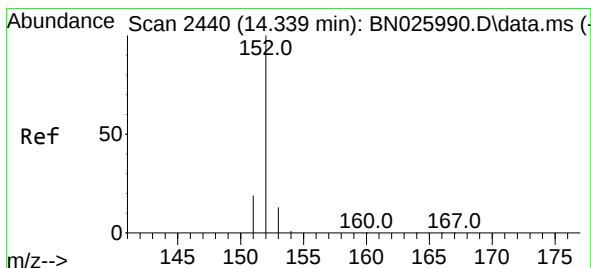
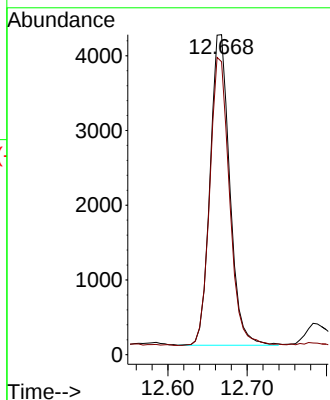
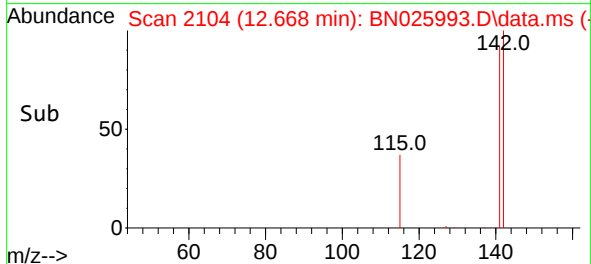
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:142 Resp: 716
Ion Ratio Lower Upper
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141 92.9 74.2 111.4

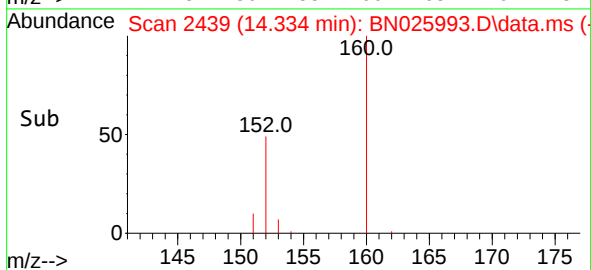
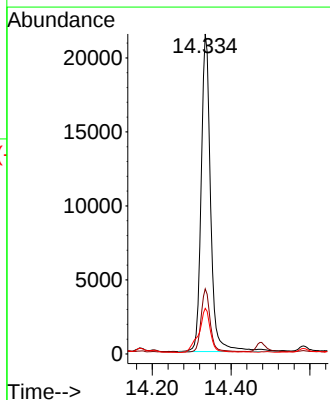
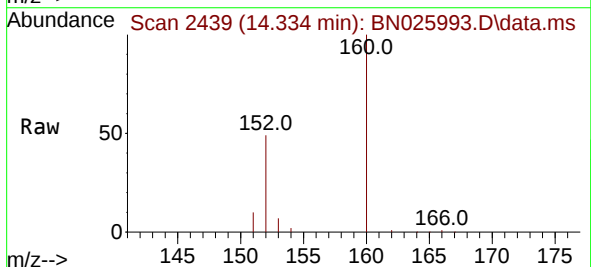
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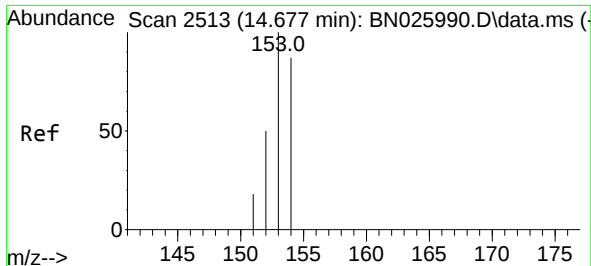
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.508 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

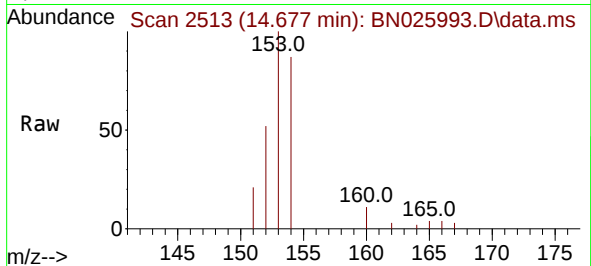
Tgt Ion:152 Resp: 35576
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.3 10.9 16.3





#11
Acenaphthene
Concen: 0.126 ng/u1
RT: 14.677 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

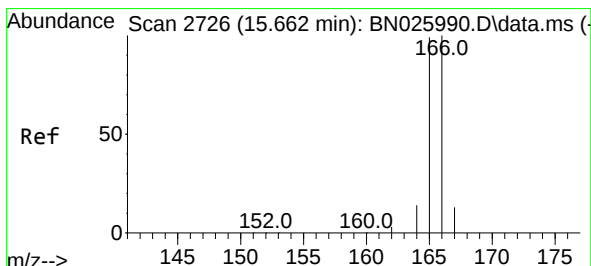
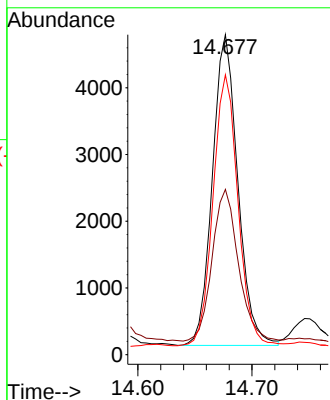
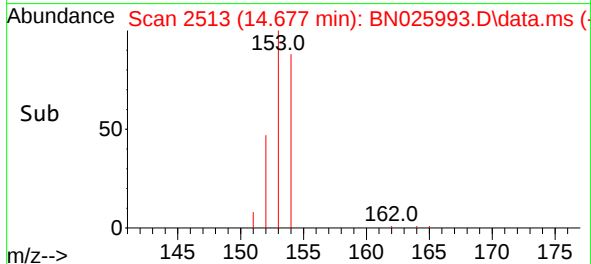
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:153 Resp: 7200
Ion Ratio Lower Upper
153 100
152 51.6 39.4 59.0
154 87.5 68.9 103.3

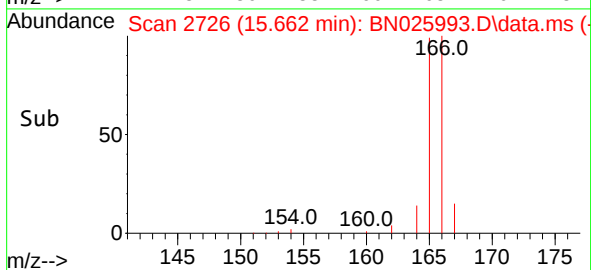
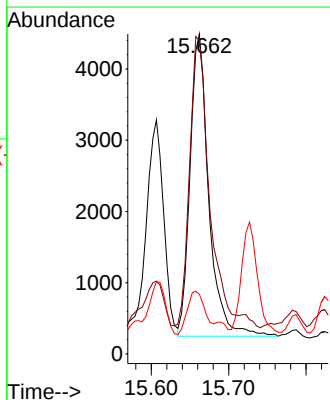
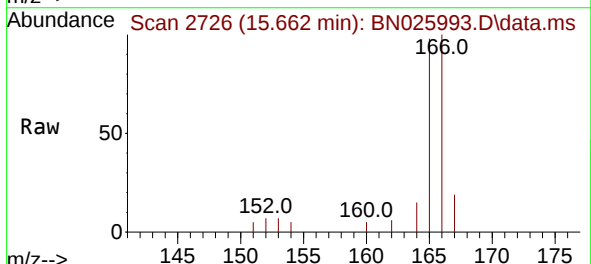
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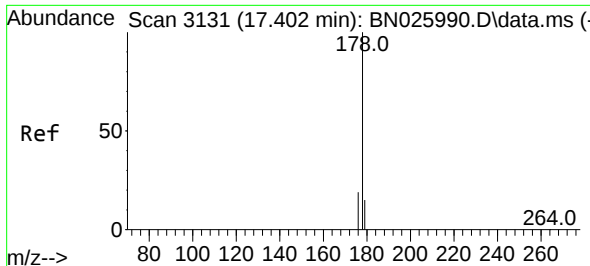
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.108 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

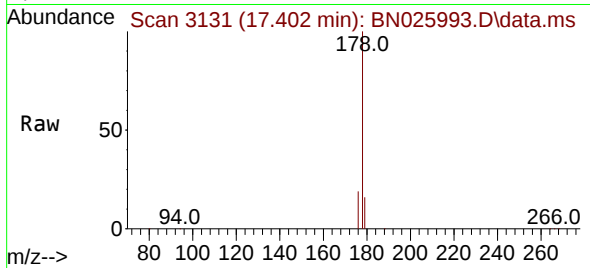
Tgt Ion:166 Resp: 7097
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 18.7 10.8 16.2#





#15
Phenanthrene
Concen: 1.665 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

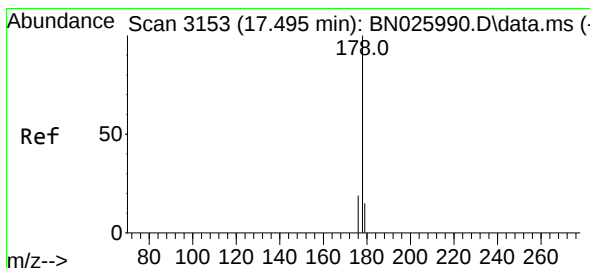
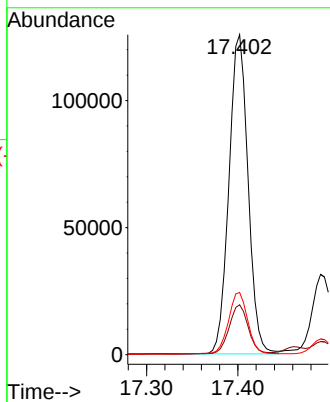
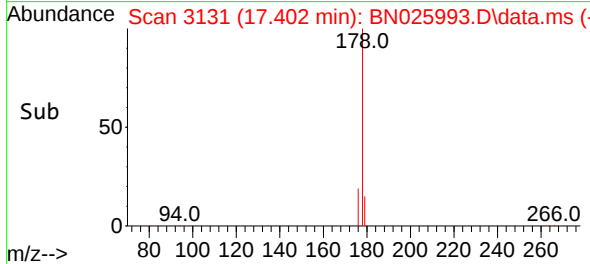
Instrument :
BNA_N
ClientSampleId :
DCFP7



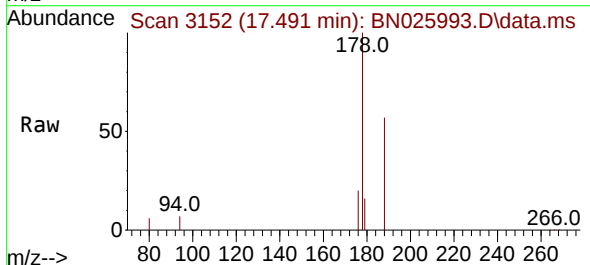
Tgt Ion:178 Resp: 182433
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6

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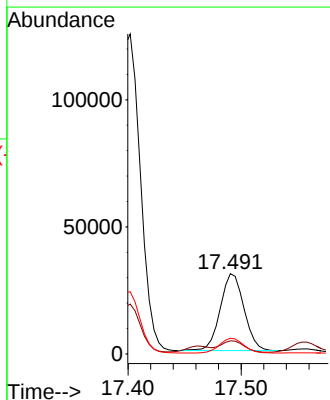
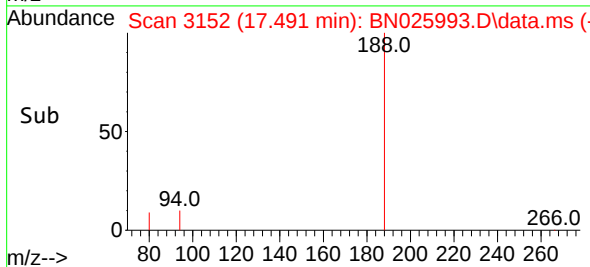
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

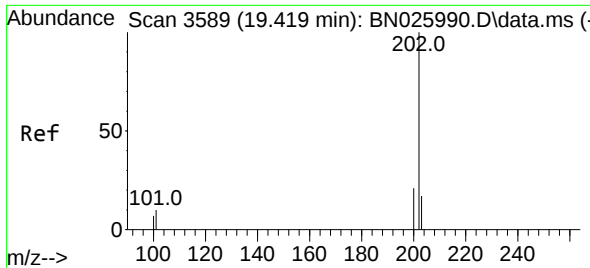


#16
Anthracene
Concen: 0.455 ng/ul
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10



Tgt Ion:178 Resp: 44313
Ion Ratio Lower Upper
178 100
179 16.3 12.6 18.8
176 19.6 15.1 22.7





#19

Fluoranthene

Concen: 4.806 ng/u1

RT: 19.415 min Scan# 3589

Delta R.T. -0.005 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

Instrument :

BNA_N

ClientSampleId :

DCFP7

Tgt Ion:202 Resp: 538798

Ion Ratio Lower Upper

202 100

101 11.1 9.5 14.3

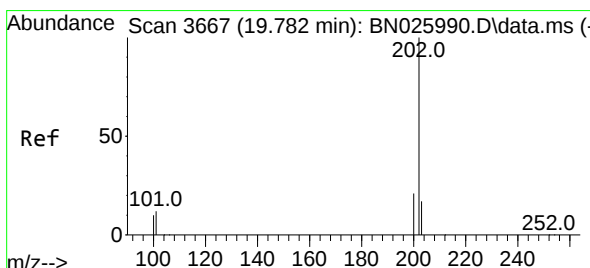
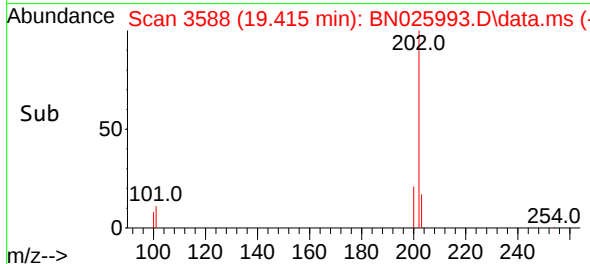
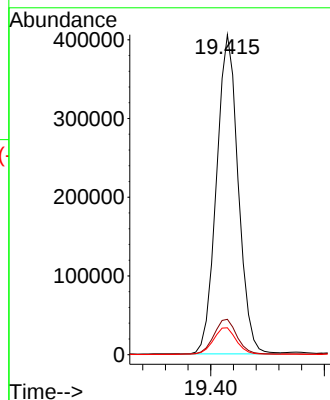
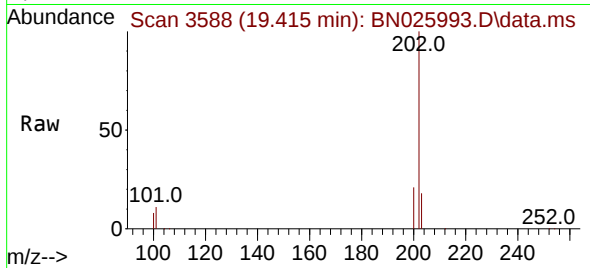
100 8.4 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/25/2023



#20

Pyrene

Concen: 3.848 ng/u1

RT: 19.777 min Scan# 3666

Delta R.T. -0.005 min

Lab File: BN025993.D

Acq: 24 Jun 2023 07:10

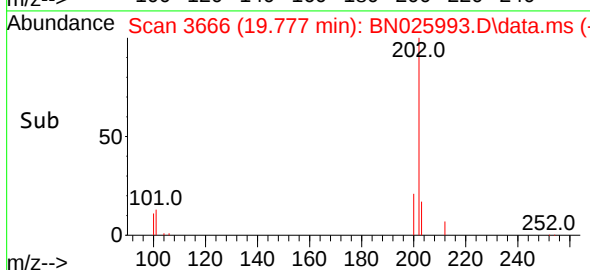
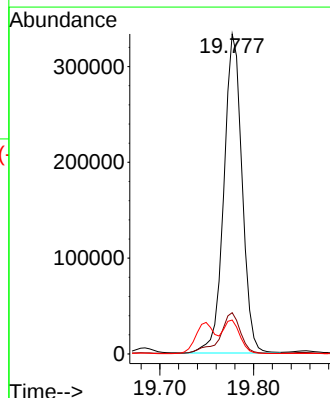
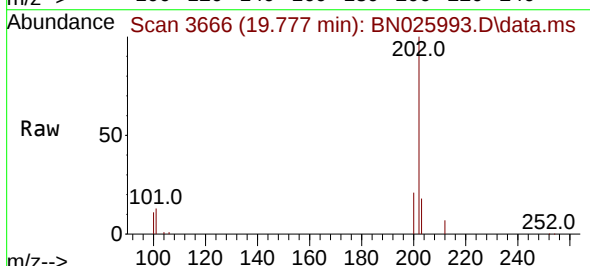
Tgt Ion:202 Resp: 448686

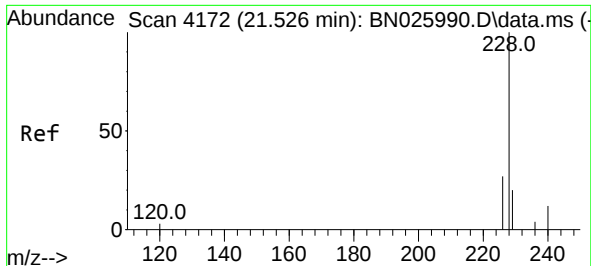
Ion Ratio Lower Upper

202 100

101 12.9 11.4 17.0

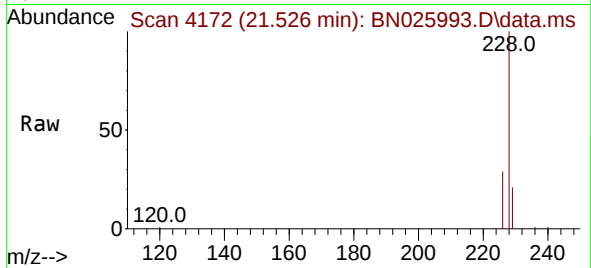
100 10.6 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.054 ng/u1
RT: 21.526 min Scan# 4172
Delta R.T. -0.006 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

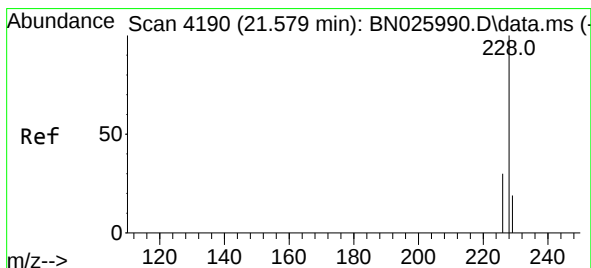
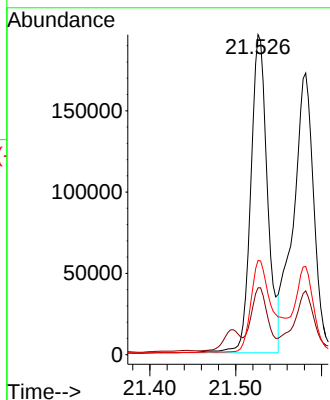
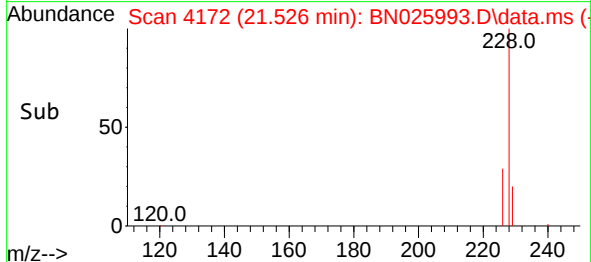
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:228 Resp: 264408
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.5 22.5 33.7

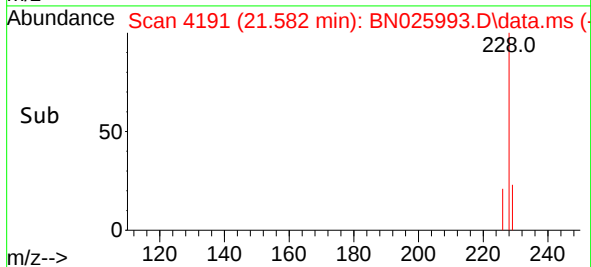
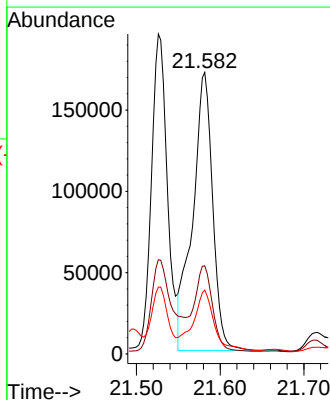
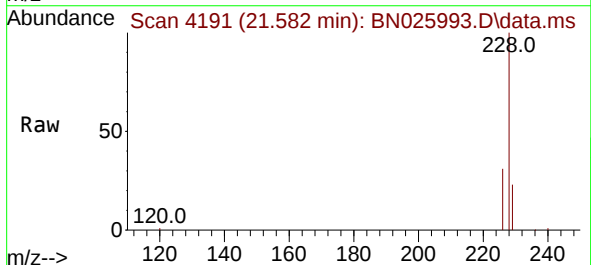
Manual Integrations
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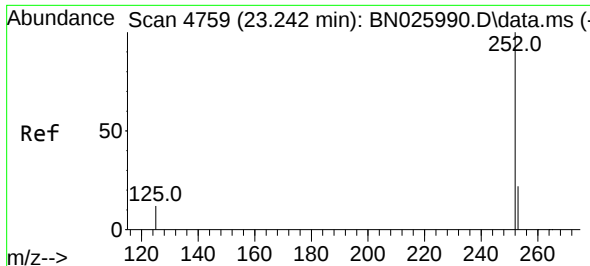
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 3.158 ng/u1
RT: 21.582 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

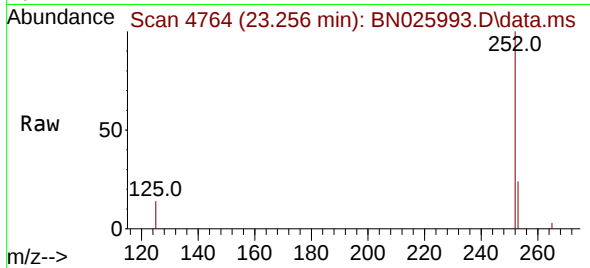
Tgt Ion:228 Resp: 284558
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 4.752 ng/ul m
RT: 23.256 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

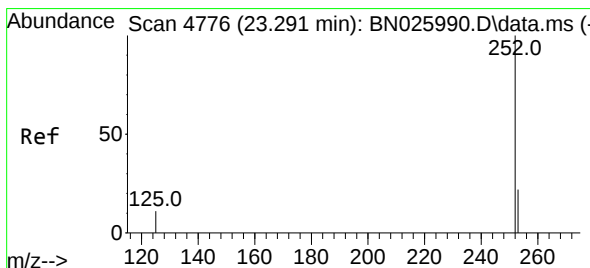
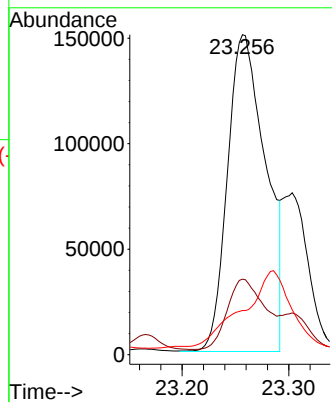
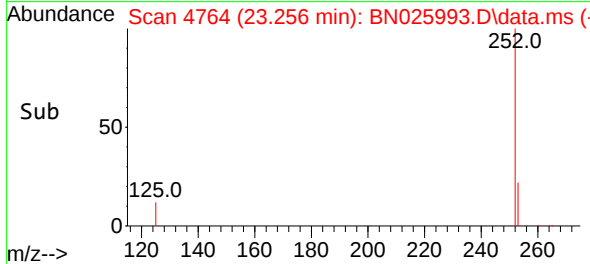
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:252 Resp: 375468
Ion Ratio Lower Upper
252 100
253 23.6 0.0 55.6
125 13.8 0.0 35.8

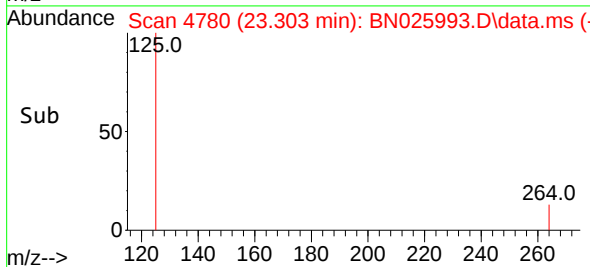
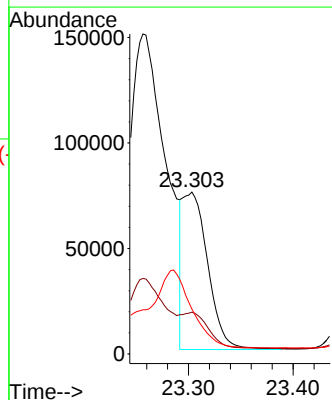
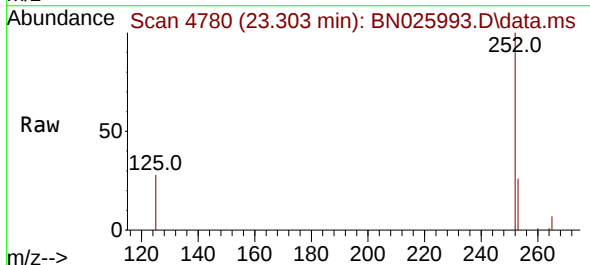
Manual Integrations
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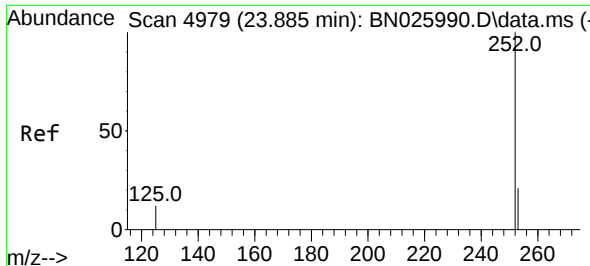
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 1.577 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

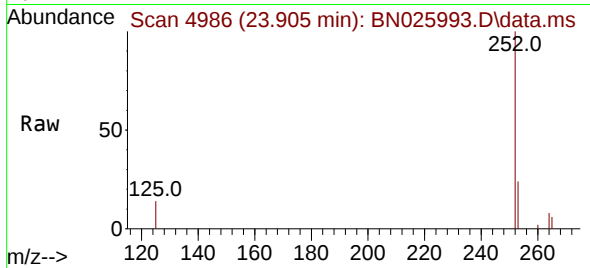
Tgt Ion:252 Resp: 125079
Ion Ratio Lower Upper
252 100
253 25.8 23.2 34.8
125 27.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 3.323 ng/ul
RT: 23.905 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

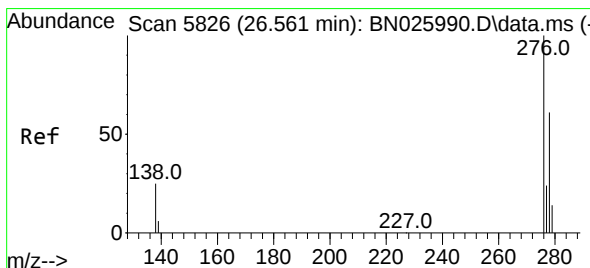
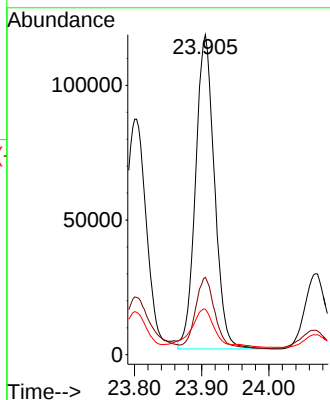
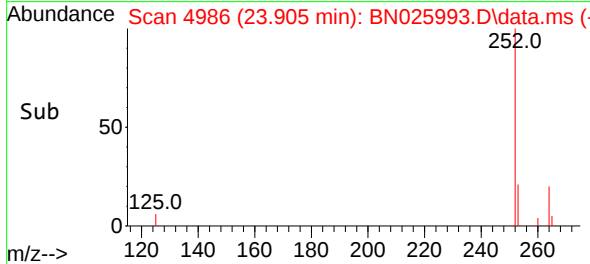
Instrument :
BNA_N
ClientSampleId :
DCFP7



Tgt Ion:252 Resp: 228040
Ion Ratio Lower Upper
252 100
253 24.1 26.0 39.0
125 14.1 17.3 25.9

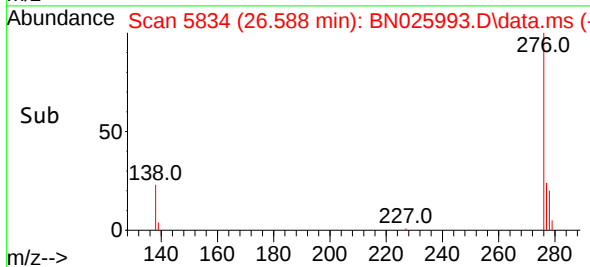
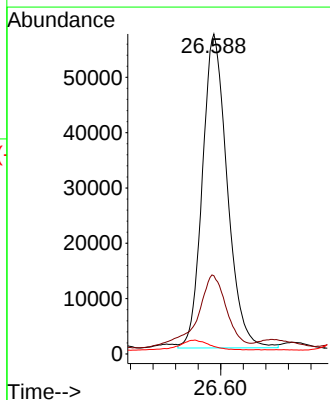
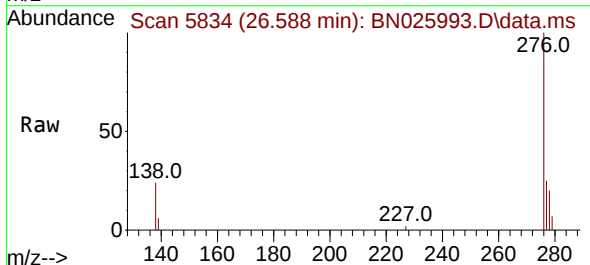
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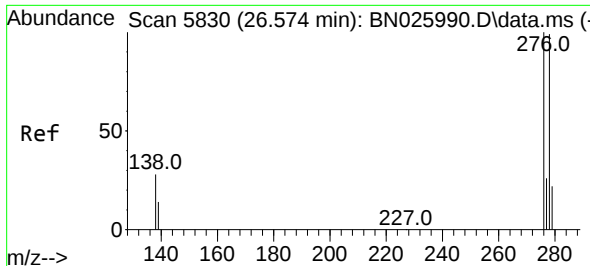
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.313 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

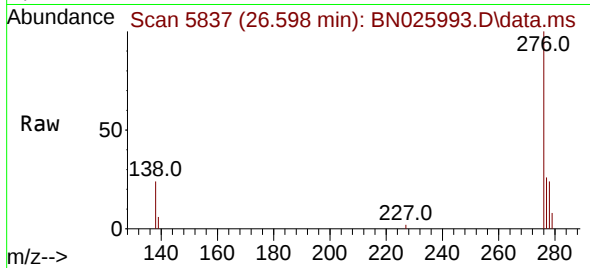
Tgt Ion:276 Resp: 173344
Ion Ratio Lower Upper
276 100
138 28.0 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.753 ng/ul
RT: 26.598 min Scan# 5837
Delta R.T. -0.023 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10

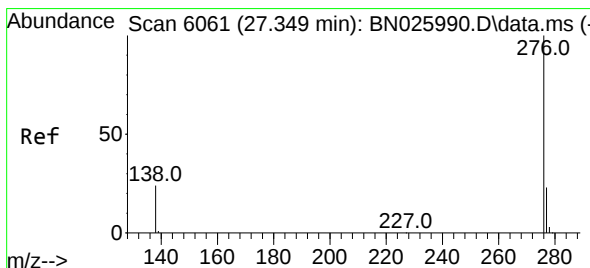
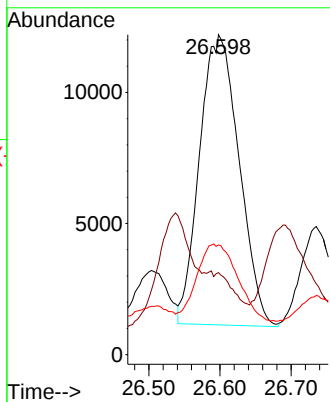
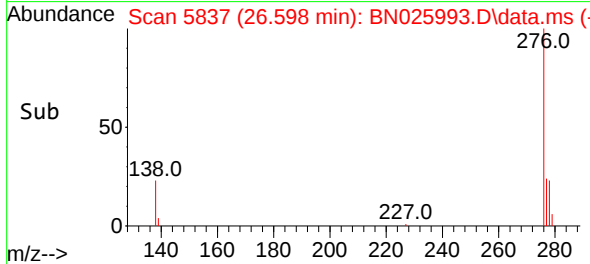
Instrument :
BNA_N
ClientSampleId :
DCFP7



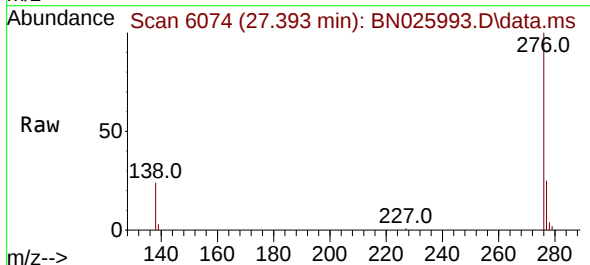
Tgt Ion:278 Resp: 42698
Ion Ratio Lower Upper
278 100
139 25.6 19.0 28.4
279 34.3 26.7 40.1

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Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 2.554 ng/ul
RT: 27.393 min Scan# 6074
Delta R.T. 0.007 min
Lab File: BN025993.D
Acq: 24 Jun 2023 07:10



Tgt Ion:276 Resp: 170294
Ion Ratio Lower Upper
276 100
138 24.4 23.4 35.0
277 24.6 20.0 30.0

