

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025999.D
 Acq On : 24 Jun 2023 10:46
 Operator : MA/JU
 Sample : 03085-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP9

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:48:42 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	7.972	152	8077	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.785	136	26212	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	16245	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	35437	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	22203	0.400	ng/ul	0.00
23) Perylene-d12	24.010	264	19972	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	30951	3.403	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.375	152	9836	0.244	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	23346	0.276	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.835	128	8414	0.112	ng/ul#	96
7) 2-Methylnaphthalene	12.446	142	4822	0.101	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	3500	0.071	ng/ul	100
10) Acenaphthylene	14.334	152	7512	0.099	ng/ul#	94
11) Acenaphthene	14.676	153	2666	0.043	ng/ul	97
12) Fluorene	15.661	166	1982	0.028	ng/ul#	97
15) Phenanthrene	17.401	178	56163	0.480	ng/ul	100
16) Anthracene	17.490	178	11052	0.106	ng/ul	95
19) Fluoranthene	19.414	202	167154	1.410	ng/ul	100
20) Pyrene	19.776	202	133694m	1.084	ng/ul	
21) Benzo(a)anthracene	21.525	228	76285	0.833	ng/ul	97
22) Chrysene	21.581	228	88792	0.932	ng/ul	97
24) Benzo(b)fluoranthene	23.255	252	116720m	1.369	ng/ul	
25) Benzo(k)fluoranthene	23.302	252	37701m	0.440	ng/ul	
26) Benzo(a)pyrene	23.901	252	64875	0.876	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.583	276	54767	0.677	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.600	278	13225	0.216	ng/ul#	80
29) Benzo(g,h,i)perylene	27.385	276	54474	0.757	ng/ul	97

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

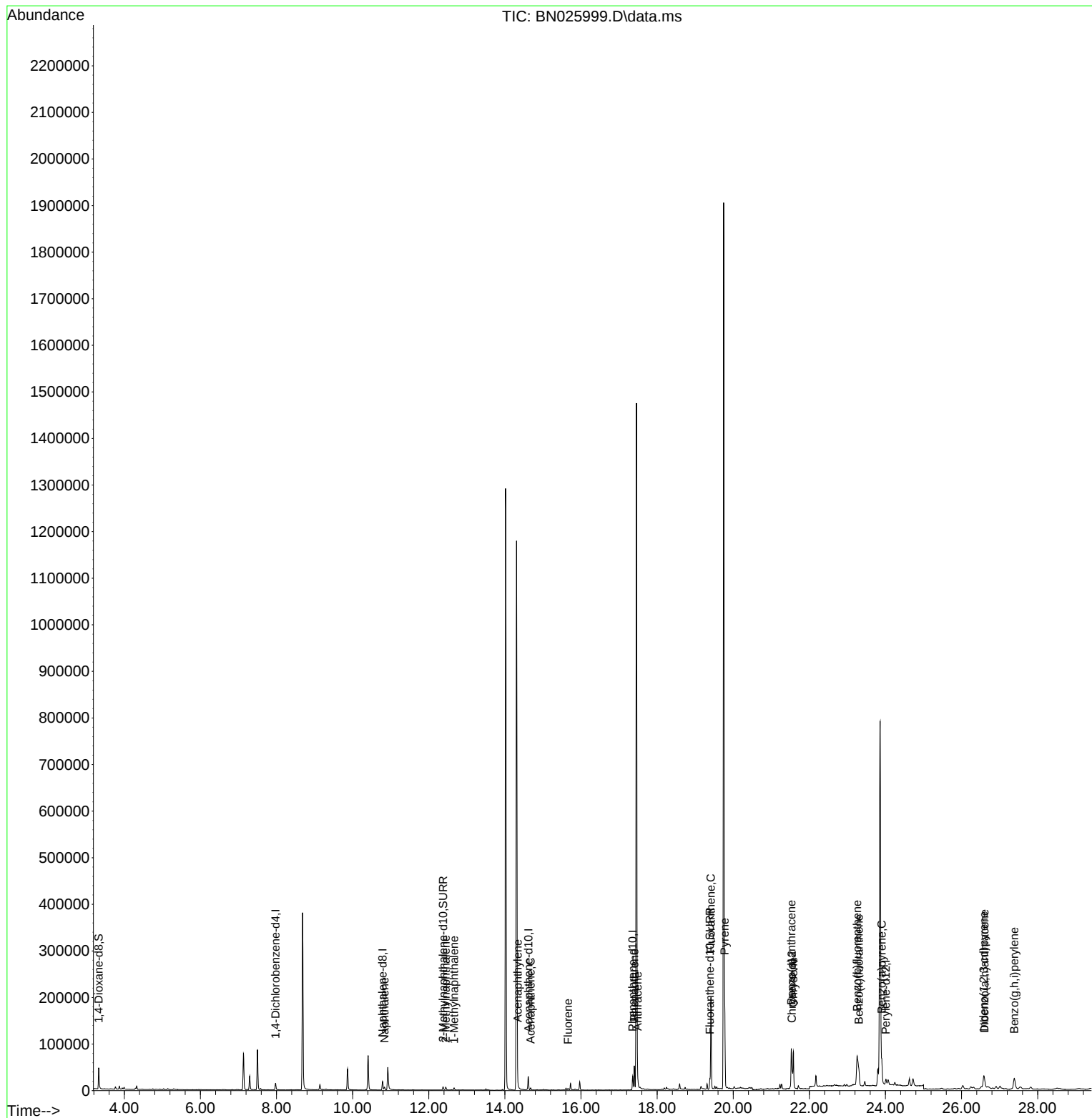
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025999.D
Acq On : 24 Jun 2023 10:46
Operator : MA/JU
Sample : 03085-13
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ALS Vial : 27 Sample Multiplier: 1

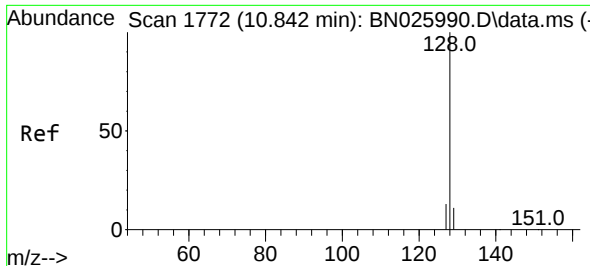
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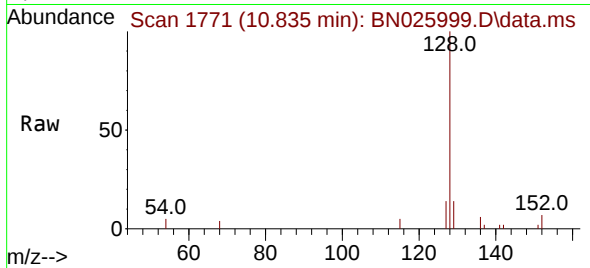
Quant Time: Jun 24 23:48:42 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.112 ng/ul
RT: 10.835 min Scan# 1771
Delta R.T. -0.012 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

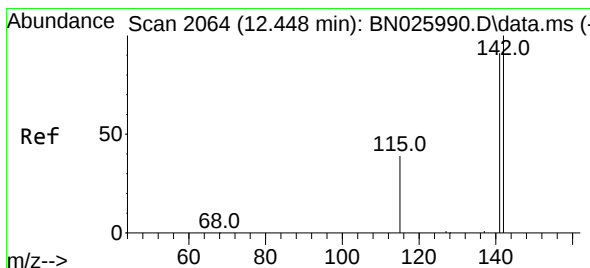
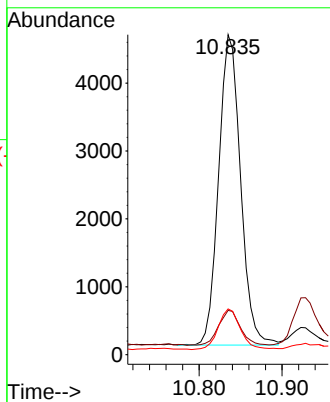
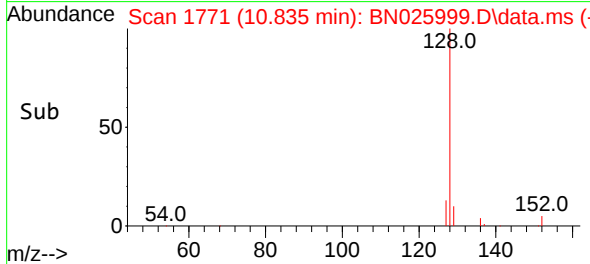
Instrument :
BNA_N
ClientSampleId :
DCFP9



Tgt Ion:128 Resp: 8414
Ion Ratio Lower Upper
128 100
129 13.9 9.1 13.7
127 14.3 10.7 16.1

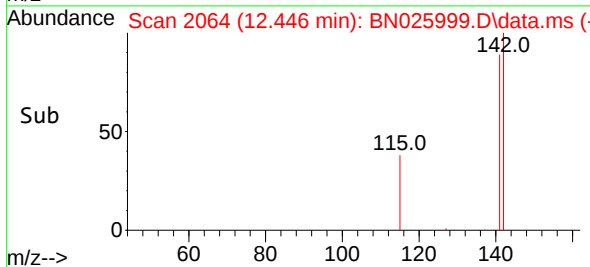
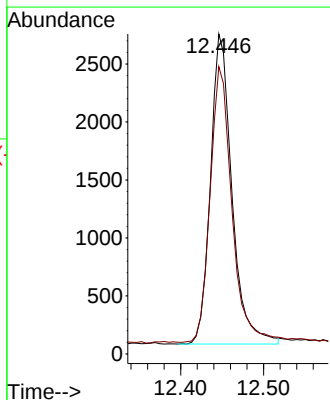
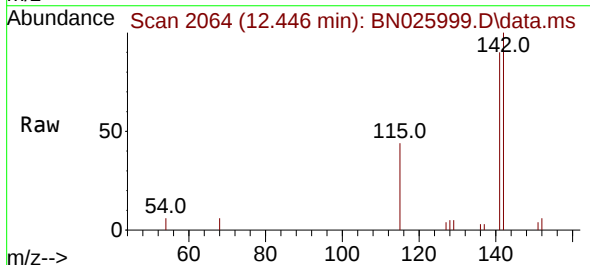
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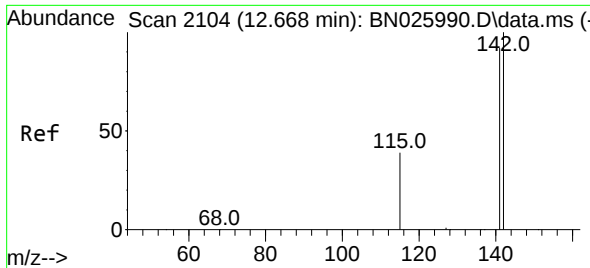
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.101 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

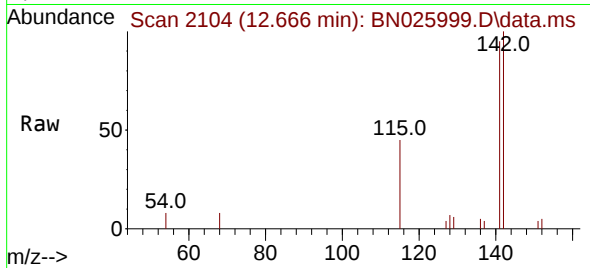
Tgt Ion:142 Resp: 4822
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

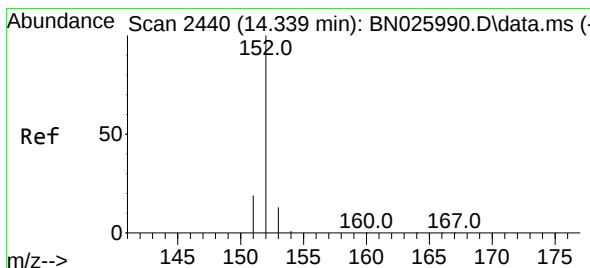
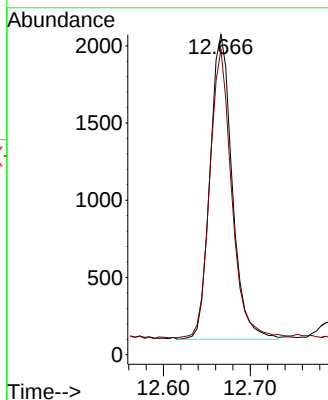
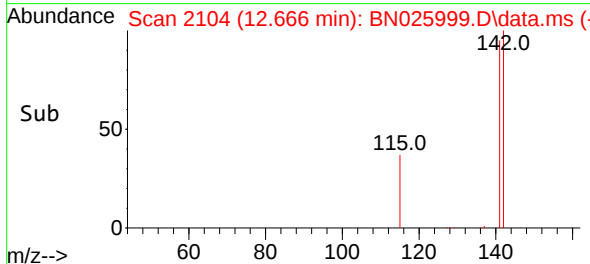
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Tgt Ion:142 Resp: 3500
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

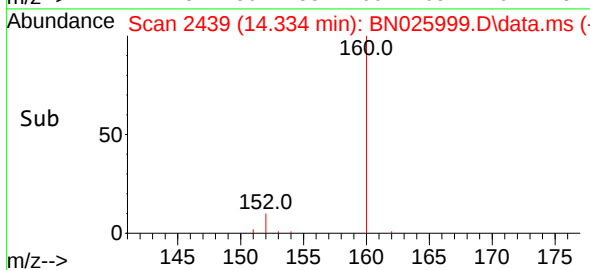
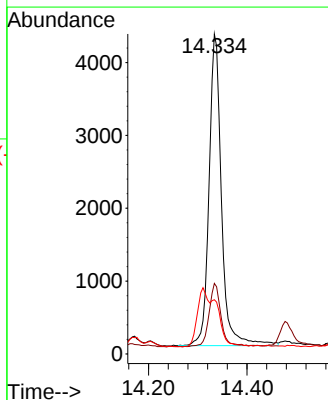
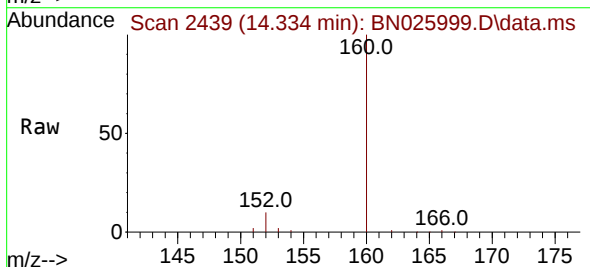
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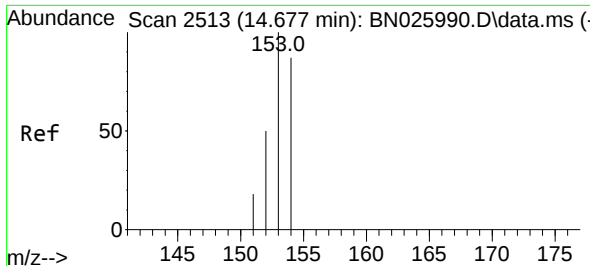
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.010 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

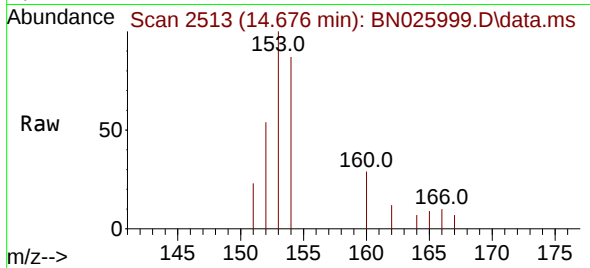
Tgt Ion:152 Resp: 7512
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.4
153 17.0 10.9 16.3#





#11
Acenaphthene
Concen: 0.043 ng/u1
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

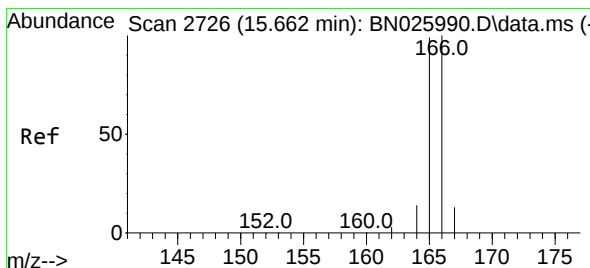
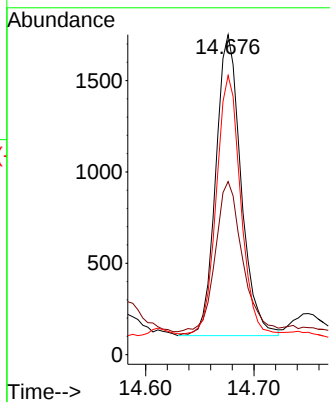
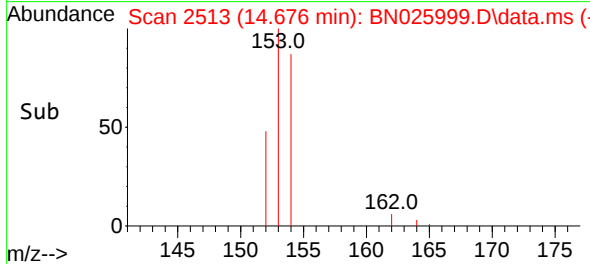
Instrument :
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Tgt Ion:153 Resp: 2660
Ion Ratio Lower Upper
153 100
152 54.1 39.4 59.0
154 87.3 68.9 103.3

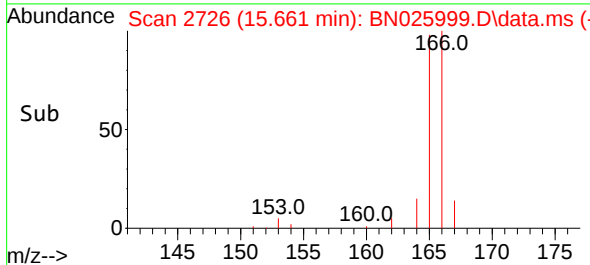
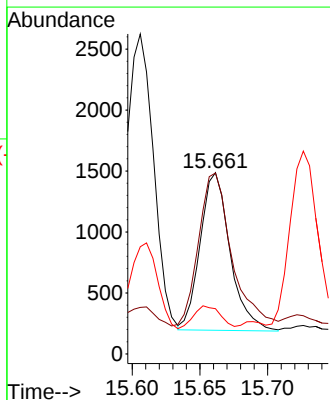
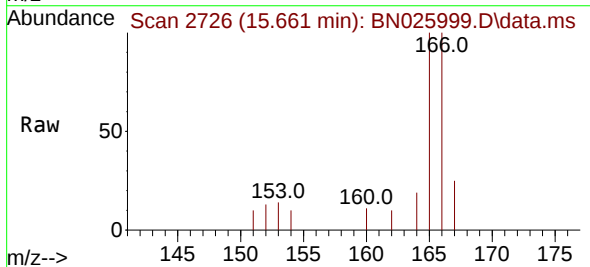
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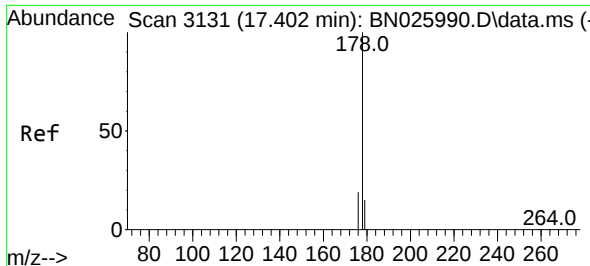
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.661 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

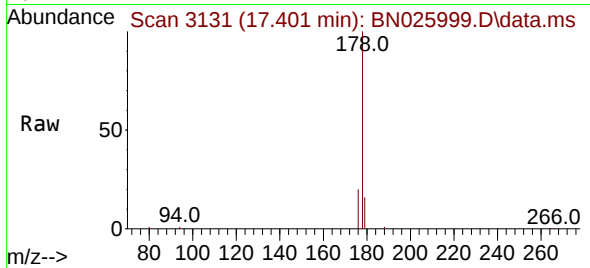
Tgt Ion:166 Resp: 1982
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 24.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.480 ng/u1
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

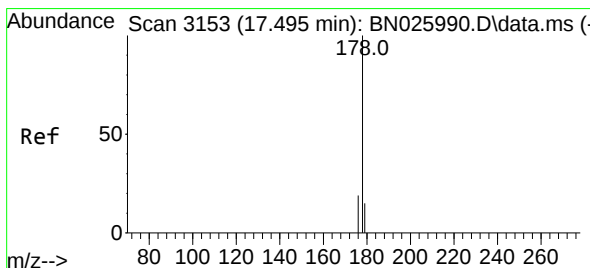
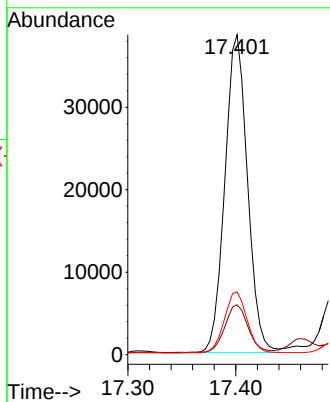
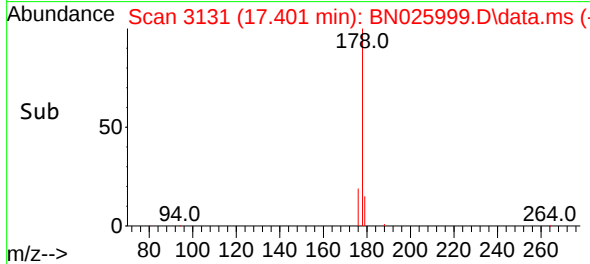
Instrument :
BNA_N
ClientSampleId :
DCFP9



Tgt Ion:178 Resp: 5616
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.6

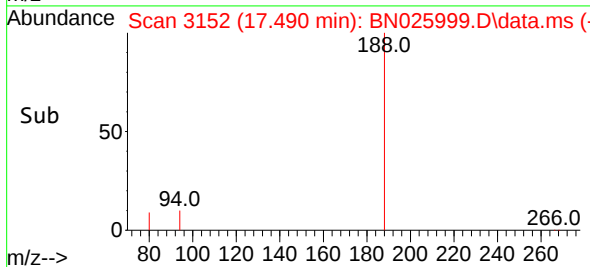
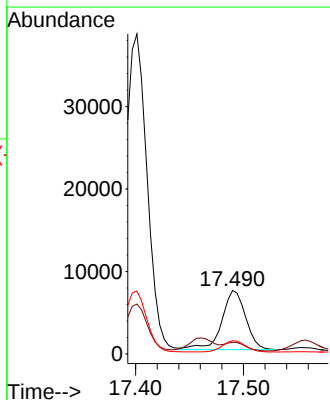
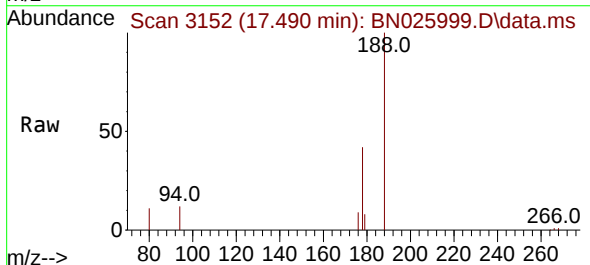
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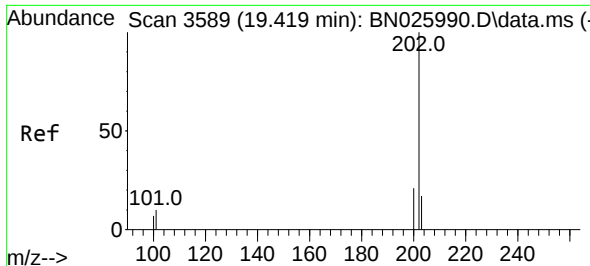
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.106 ng/u1
RT: 17.490 min Scan# 3152
Delta R.T. -0.009 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

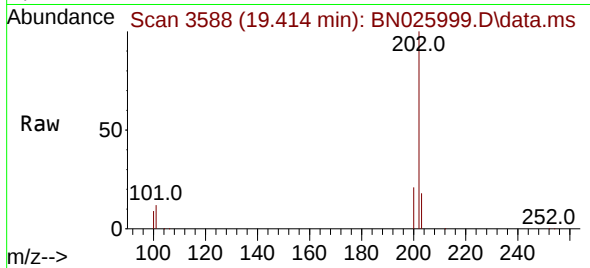
Tgt Ion:178 Resp: 11052
Ion Ratio Lower Upper
178 100
179 18.3 12.6 18.8
176 20.9 15.1 22.7





#19
Fluoranthene
Concen: 1.410 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.006 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

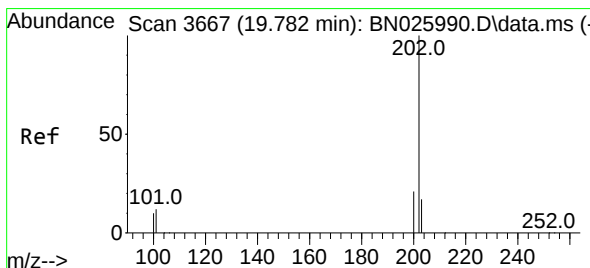
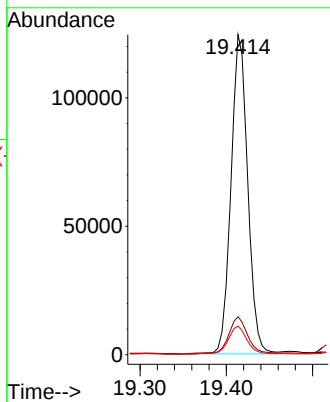
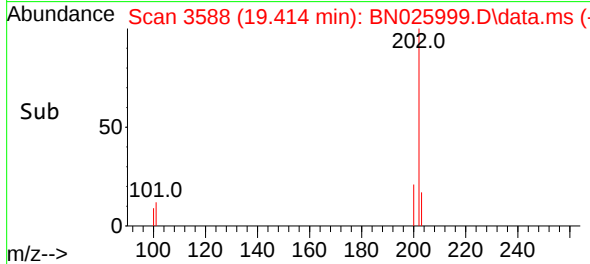
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ClientSampleId :
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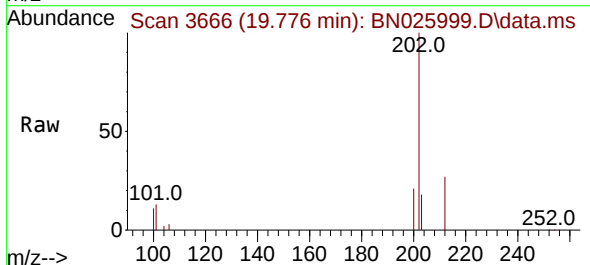
Tgt Ion:202 Resp: 167154
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 8.9 7.3 10.9

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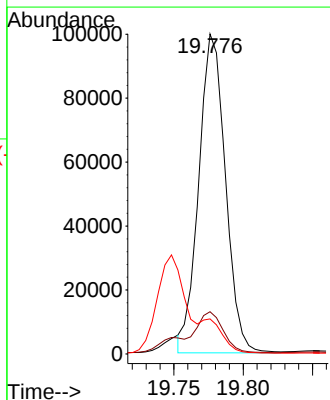
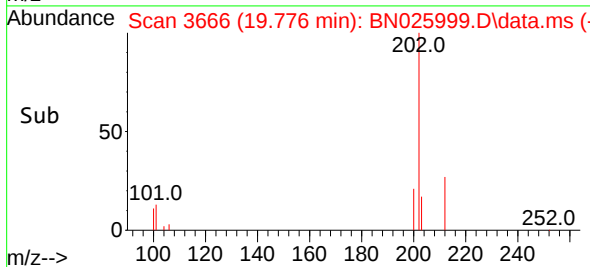
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

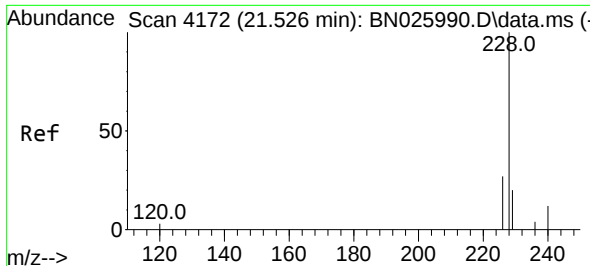


#20
Pyrene
Concen: 1.084 ng/ul m
RT: 19.776 min Scan# 3666
Delta R.T. -0.006 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46



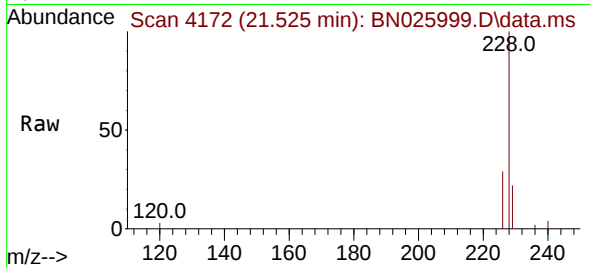
Tgt Ion:202 Resp: 133694
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.9 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.833 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

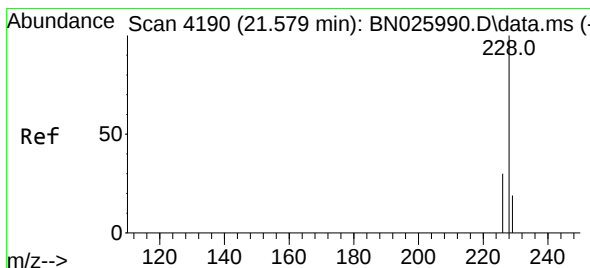
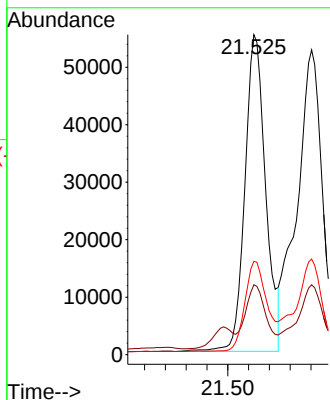
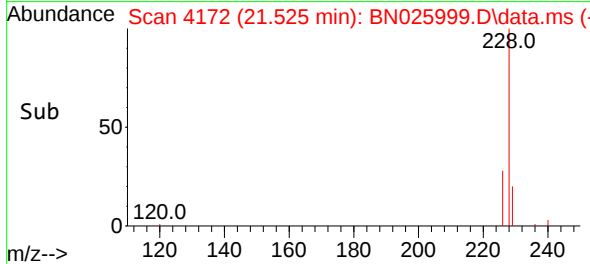
Instrument :
BNA_N
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DCFP9



Tgt Ion:228 Resp: 76285
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.6
226 29.2 22.5 33.7

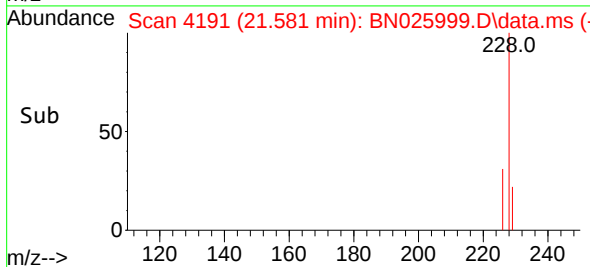
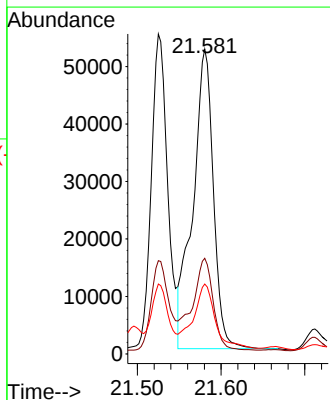
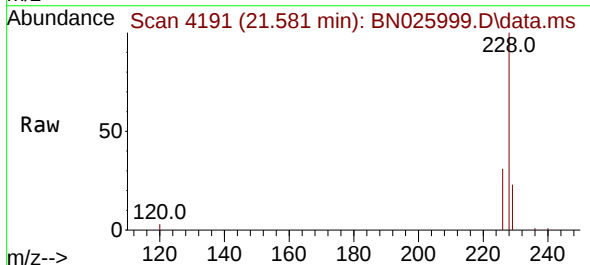
Manual Integrations
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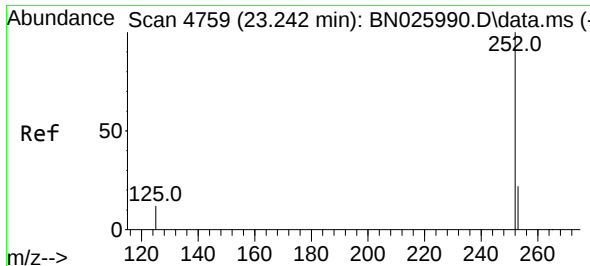
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.932 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

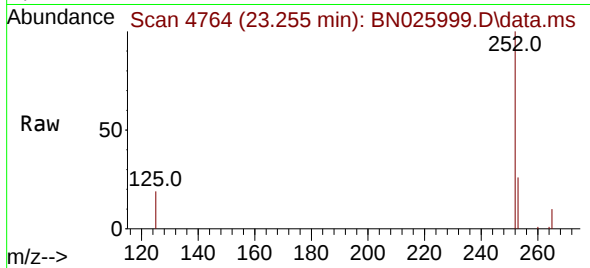
Tgt Ion:228 Resp: 88792
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 23.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.369 ng/ul m
RT: 23.255 min Scan# 4764
Delta R.T. -0.001 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

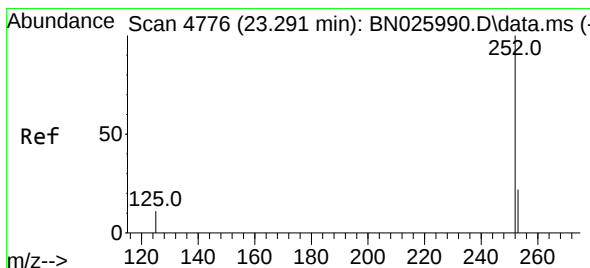
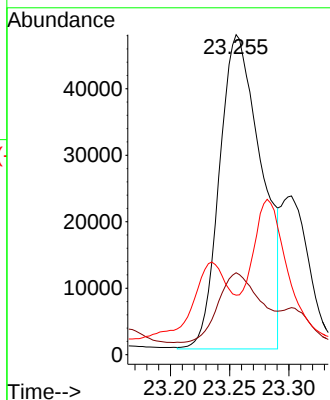
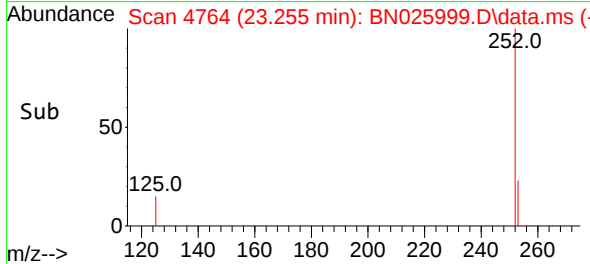
Instrument :
BNA_N
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DCFP9



Tgt Ion:252 Resp: 116720
Ion Ratio Lower Upper
252 100
253 25.6 0.0 55.6
125 18.6 0.0 35.8

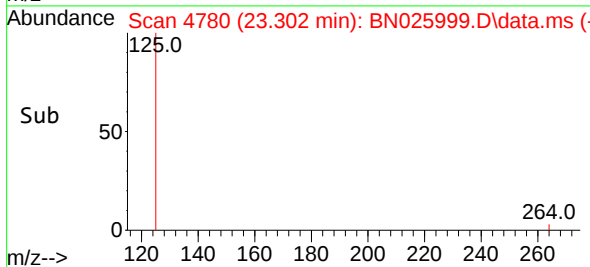
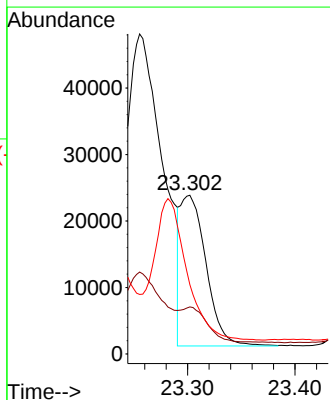
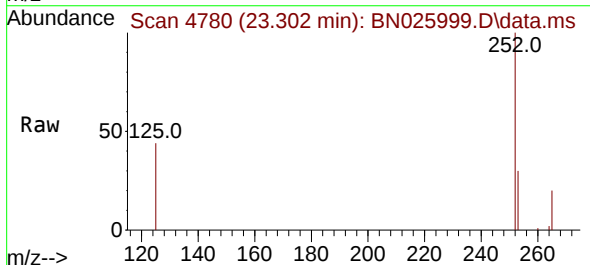
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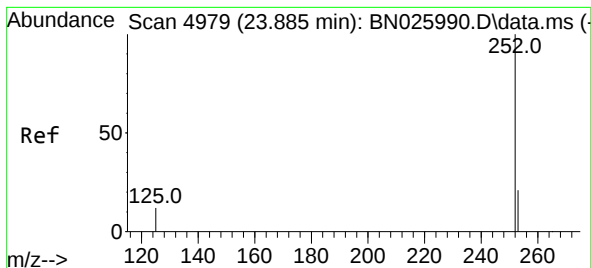
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.440 ng/ul m
RT: 23.302 min Scan# 4780
Delta R.T. -0.007 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

Tgt Ion:252 Resp: 37701
Ion Ratio Lower Upper
252 100
253 29.6 23.2 34.8
125 43.6 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.876 ng/ul

RT: 23.901 min Scan# 4979

Delta R.T. -0.007 min

Lab File: BN025999.D

Acq: 24 Jun 2023 10:46

Instrument :

BNA_N

ClientSampleId :

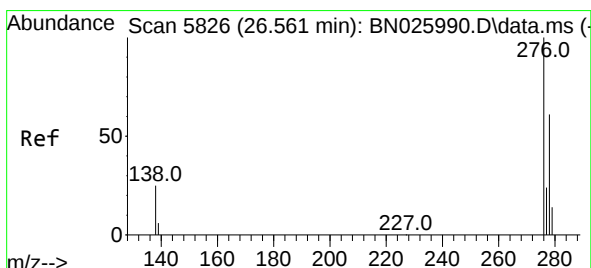
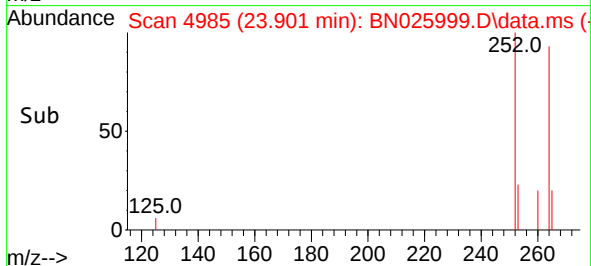
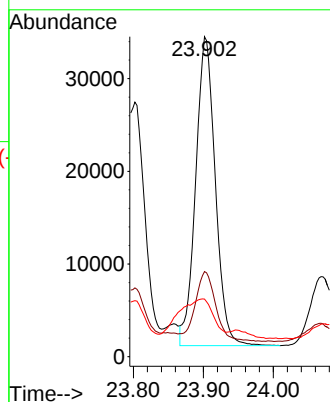
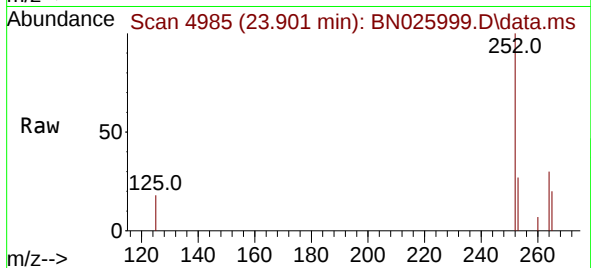
DCFP9

Tgt Ion:252 Resp: 64879
 Ion Ratio Lower Upper
 252 100
 253 26.6 26.0 39.0
 125 18.0 17.3 25.9

Manual Integrations

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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: 0.677 ng/ul

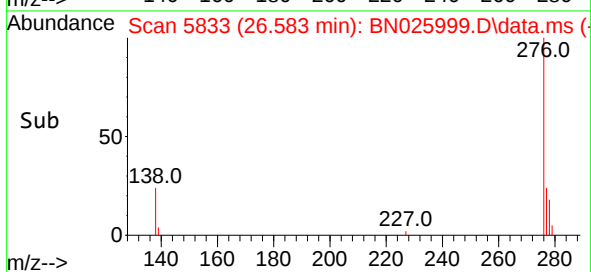
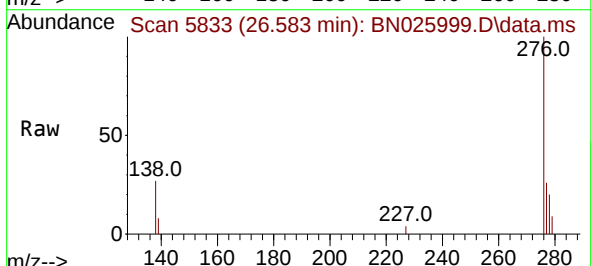
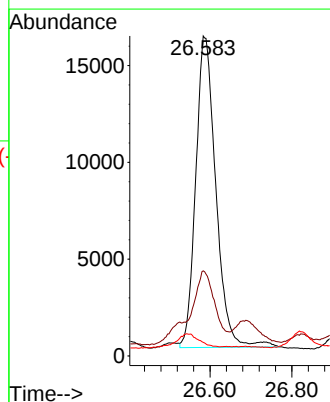
RT: 26.583 min Scan# 5833

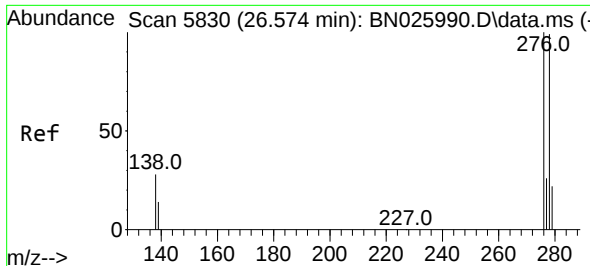
Delta R.T. -0.011 min

Lab File: BN025999.D

Acq: 24 Jun 2023 10:46

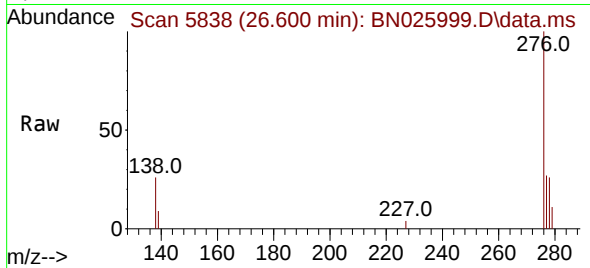
Tgt Ion:276 Resp: 54767
 Ion Ratio Lower Upper
 276 100
 138 16.8 24.5 36.7#
 227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.216 ng/ul
RT: 26.600 min Scan# 5838
Delta R.T. -0.021 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46

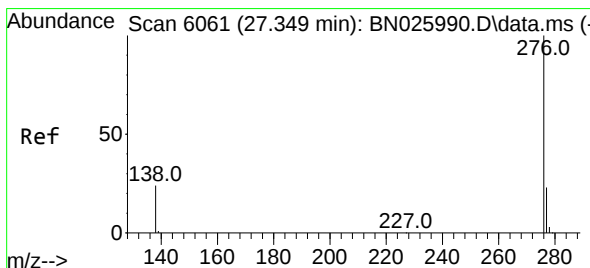
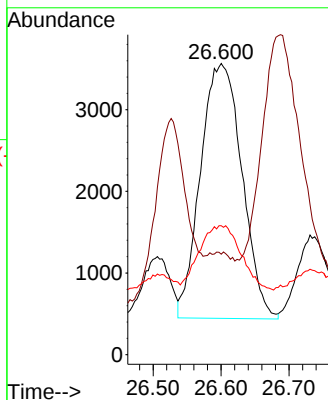
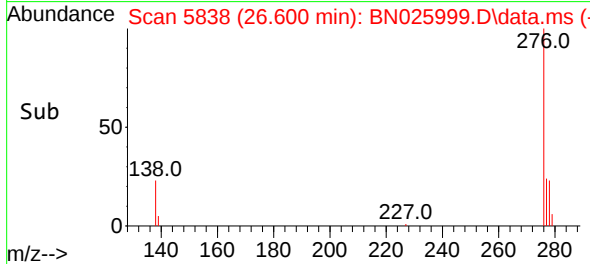
Instrument :
BNA_N
ClientSampleId :
DCFP9



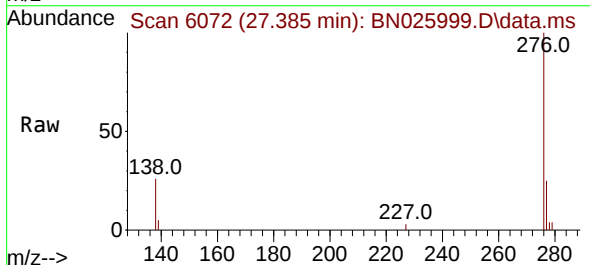
Tgt Ion:278 Resp: 13225
Ion Ratio Lower Upper
278 100
139 34.5 19.0 28.4
279 44.3 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.757 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN025999.D
Acq: 24 Jun 2023 10:46



Tgt Ion:276 Resp: 54474
Ion Ratio Lower Upper
276 100
138 26.3 23.4 35.0
277 24.9 20.0 30.0

