

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025934.D
 Acq On : 22 Jun 2023 13:10
 Operator : MA/JU
 Sample : 03083-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK6

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:02:47 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	9329	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	28921	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17798	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	38667	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	25253	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	19916	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	21329	2.030	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	6706	0.151	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	16727	0.174	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	18268	0.220	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	11275	0.214	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	8583	0.157	ng/ul	100
10) Acenaphthylene	14.339	152	46899	0.563	ng/ul	99
11) Acenaphthene	14.681	153	3125	0.046	ng/ul	96
12) Fluorene	15.662	166	4643	0.059	ng/ul#	95
15) Phenanthrene	17.402	178	151588	1.187	ng/ul	100
16) Anthracene	17.495	178	22025	0.194	ng/ul	97
19) Fluoranthene	19.419	202	425031	3.151	ng/ul	98
20) Pyrene	19.777	202	341171	2.432	ng/ul	99
21) Benzo(a)anthracene	21.532	228	155984	1.497	ng/ul	95
22) Chrysene	21.584	228	190532	1.758	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	252261m	2.968	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	70024m	0.820	ng/ul	
26) Benzo(a)pyrene	23.894	252	132867	1.800	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.564	276	103093	1.278	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.578	278	26697	0.437	ng/ul	93
29) Benzo(g,h,i)perylene	27.356	276	126078	1.758	ng/ul	98

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

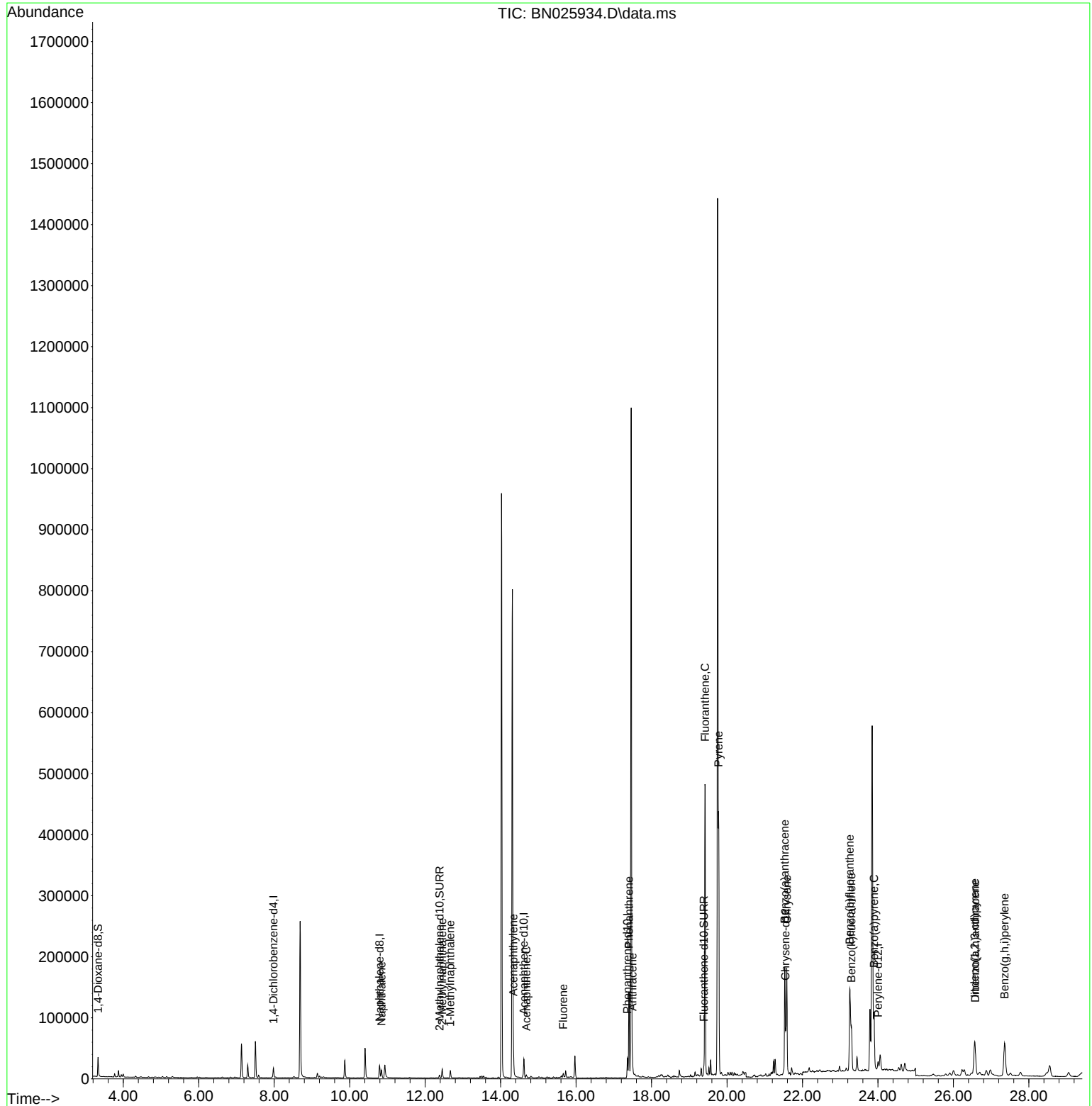
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025934.D
Acq On : 22 Jun 2023 13:10
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ALS Vial : 8 Sample Multiplier: 1

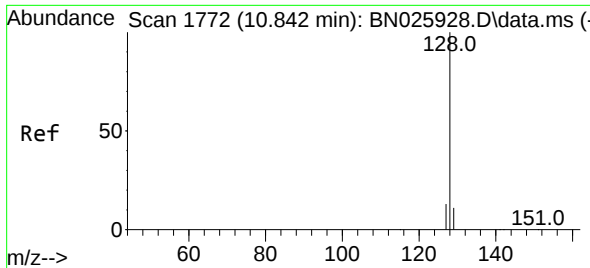
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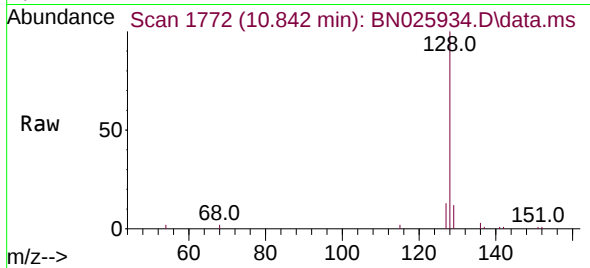
Quant Time: Jun 23 01:02:47 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.220 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

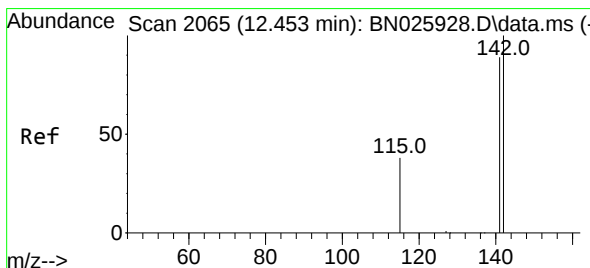
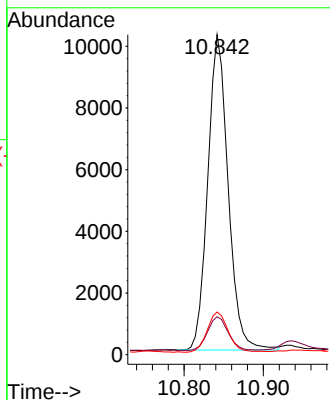
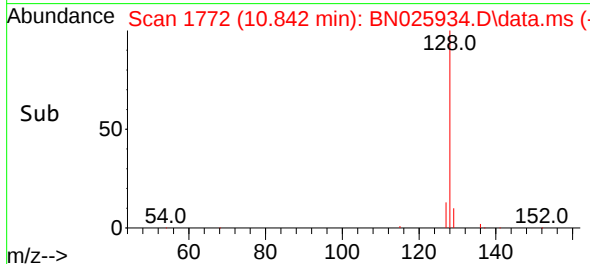
Instrument :
BNA_N
ClientSampleId :
DCFK6



Tgt Ion:128 Resp: 18268
Ion Ratio Lower Upper
128 100
129 11.8 9.1 13.7
127 13.3 10.7 16.1

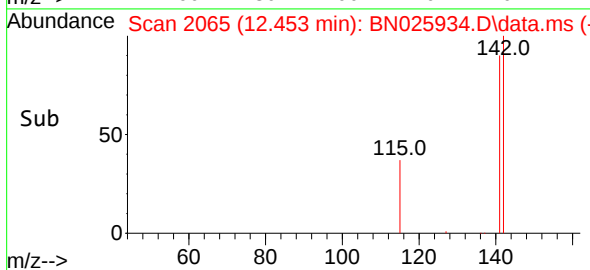
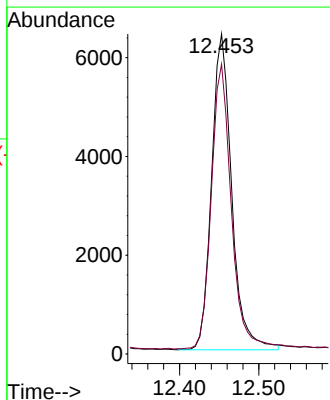
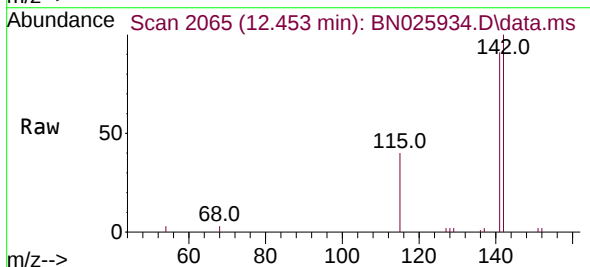
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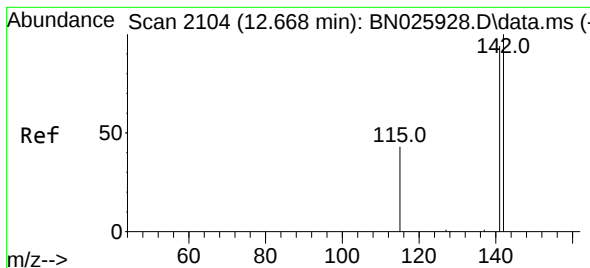
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

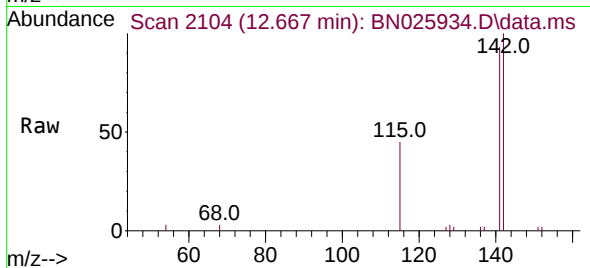
Tgt Ion:142 Resp: 11275
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.157 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

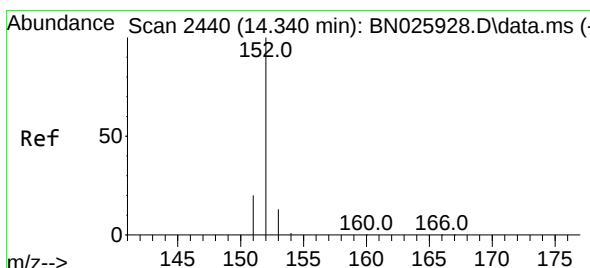
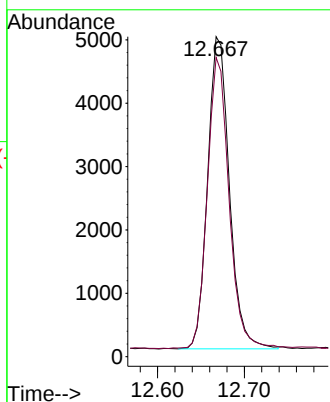
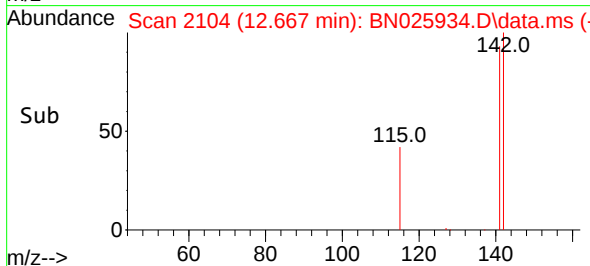
Instrument :
BNA_N
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Tgt Ion:142 Resp: 858
Ion Ratio Lower Upper
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141 93.0 74.2 111.4

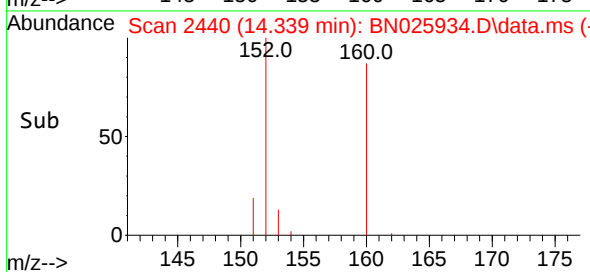
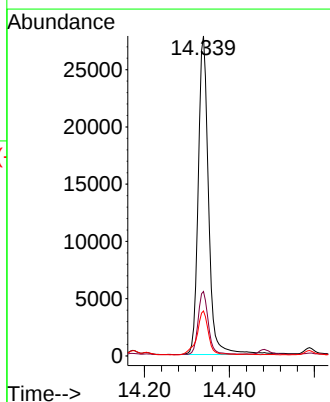
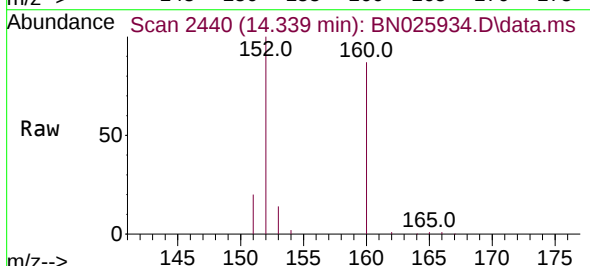
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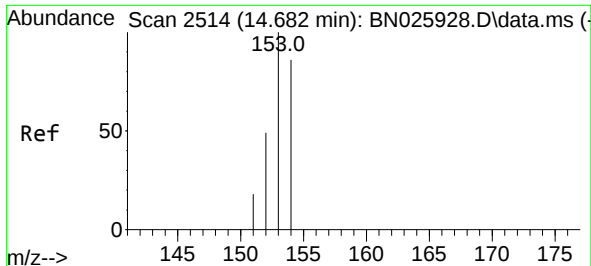
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 0.563 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

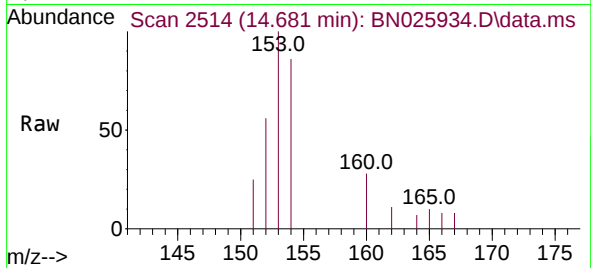
Tgt Ion:152 Resp: 46899
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 14.0 10.9 16.3





#11
Acenaphthene
Concen: 0.046 ng/u1
RT: 14.681 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

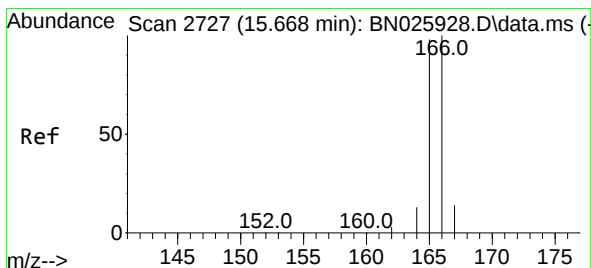
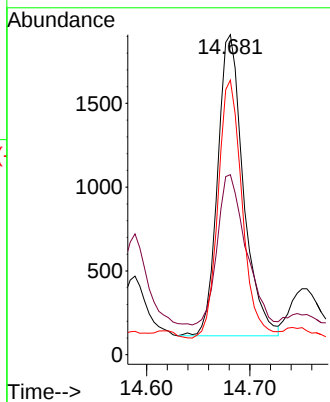
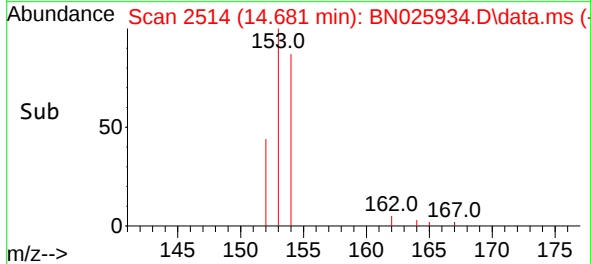
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 3125
Ion Ratio Lower Upper
153 100
152 56.3 39.4 59.0
154 85.8 68.9 103.3

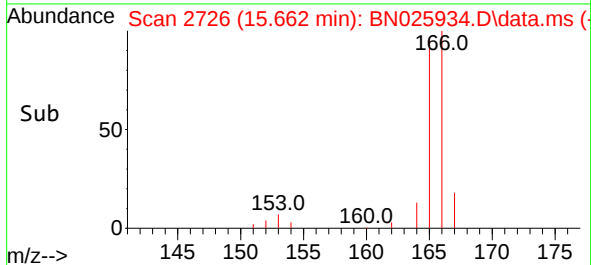
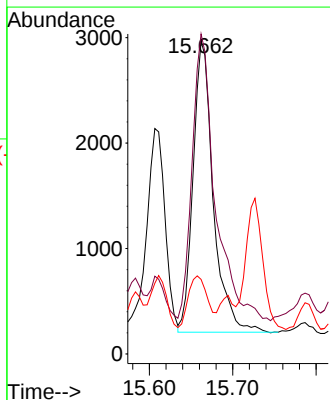
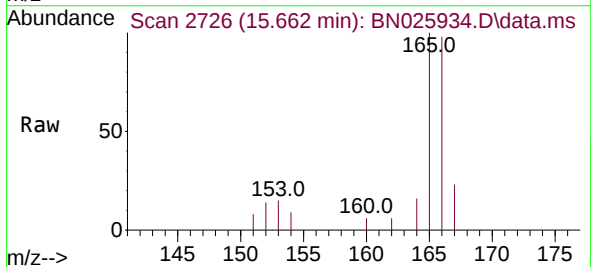
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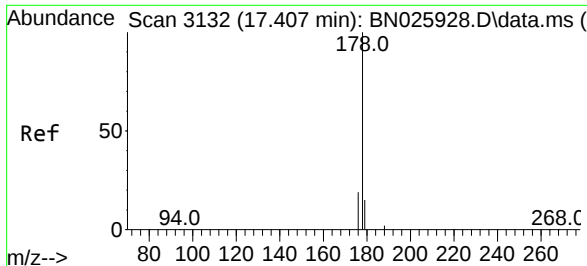
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#12
Fluorene
Concen: 0.059 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

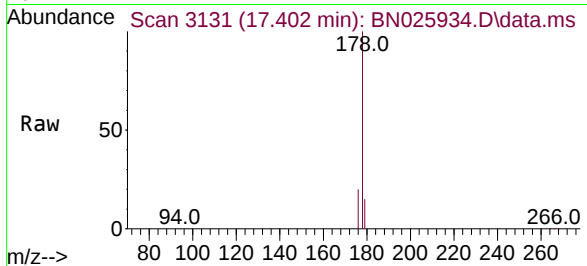
Tgt Ion:166 Resp: 4643
Ion Ratio Lower Upper
166 100
165 102.2 79.9 119.9
167 23.8 10.8 16.2#





#15
Phenanthrene
Concen: 1.187 ng/ul
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

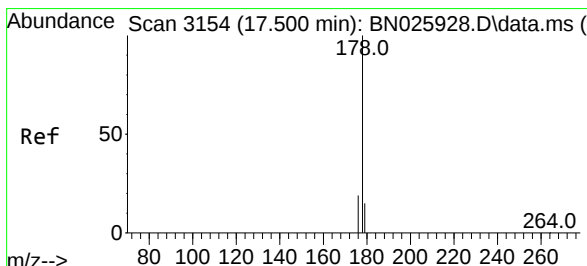
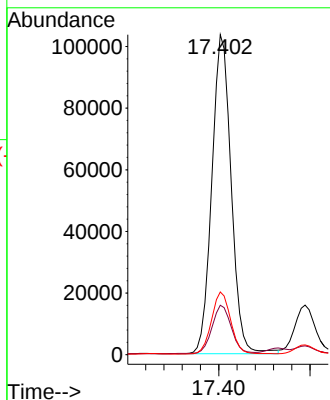
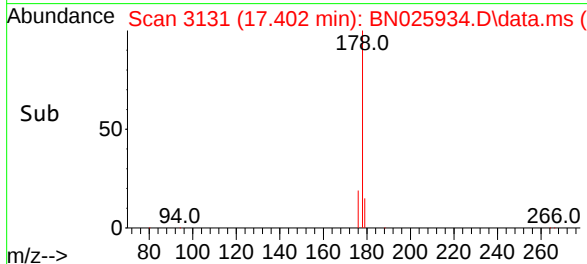
Instrument :
BNA_N
ClientSampleId :
DCFK6



Tgt Ion:178 Resp: 151588
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.6 15.8 23.6

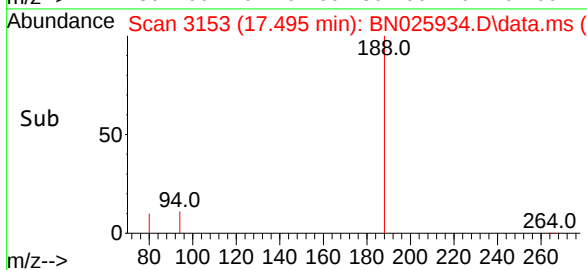
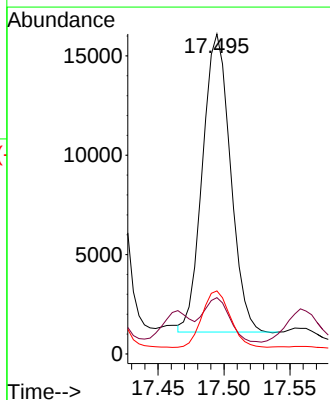
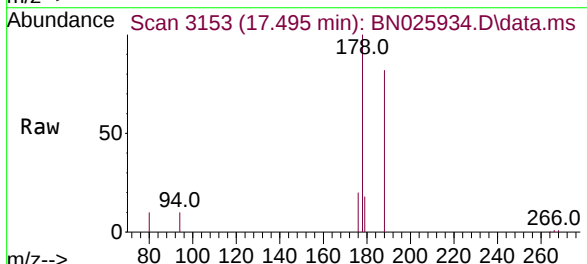
Manual Integrations
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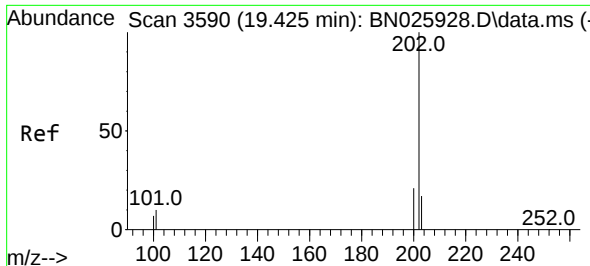
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.194 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

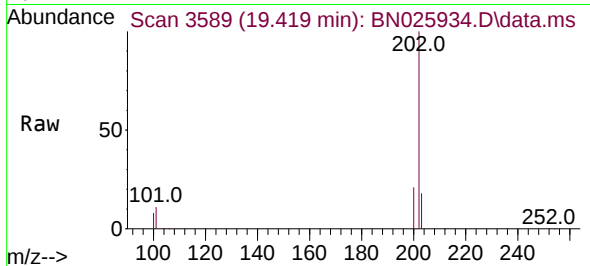
Tgt Ion:178 Resp: 22025
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 3.151 ng/ul
RT: 19.419 min Scan# 3589
Delta R.T. -0.000 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

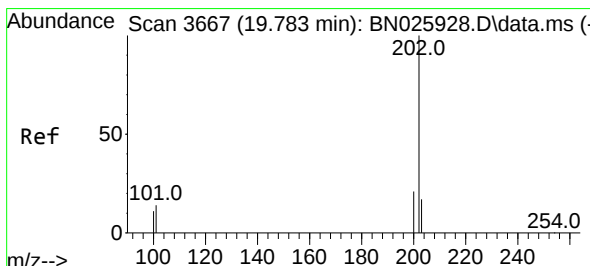
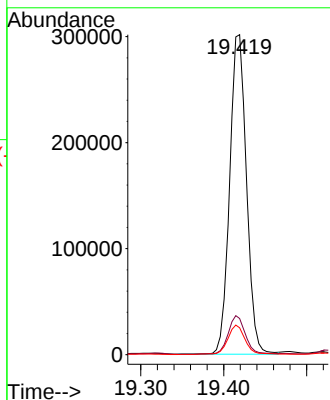
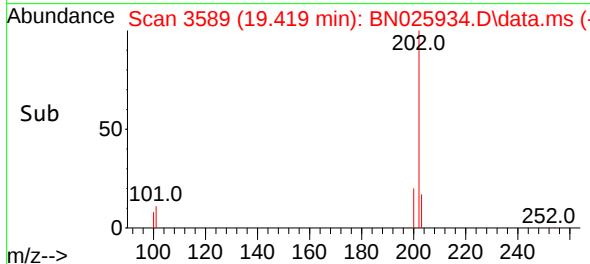
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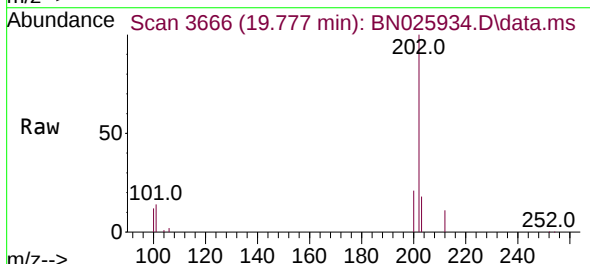
Tgt Ion:202 Resp: 42503
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.4 7.3 10.9

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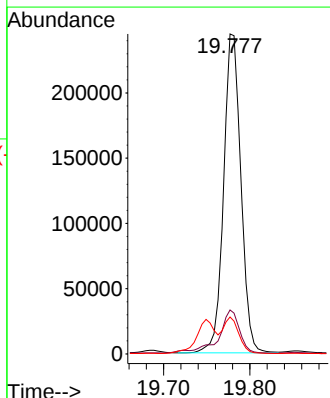
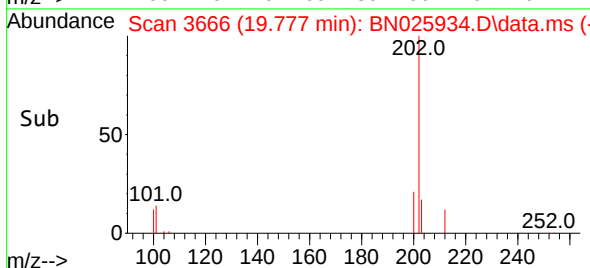
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

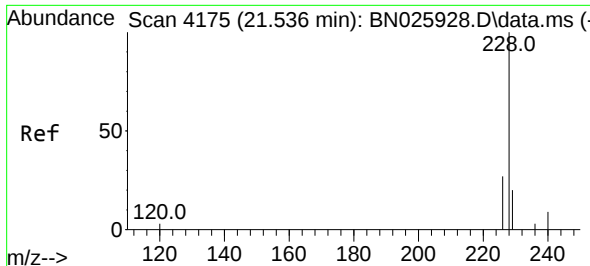


#20
Pyrene
Concen: 2.432 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10



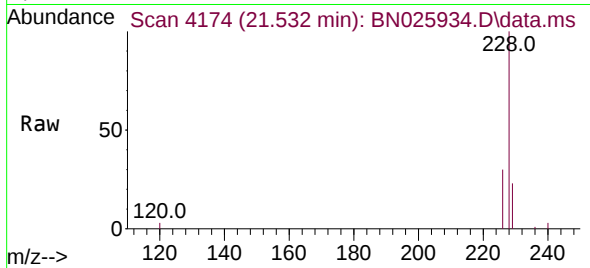
Tgt Ion:202 Resp: 341171
Ion Ratio Lower Upper
202 100
101 13.8 11.4 17.0
100 11.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.497 ng/u1
RT: 21.532 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

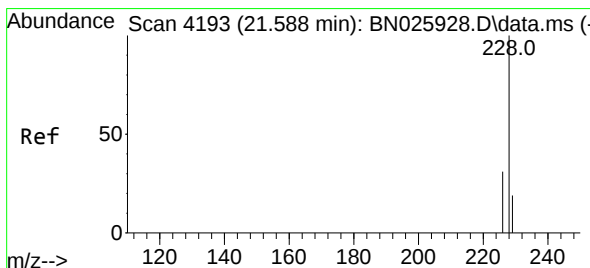
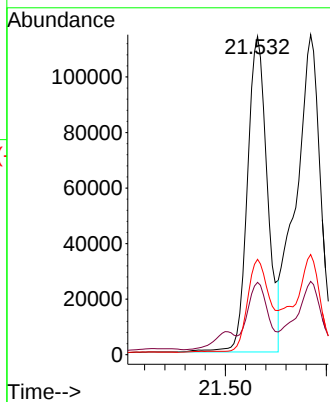
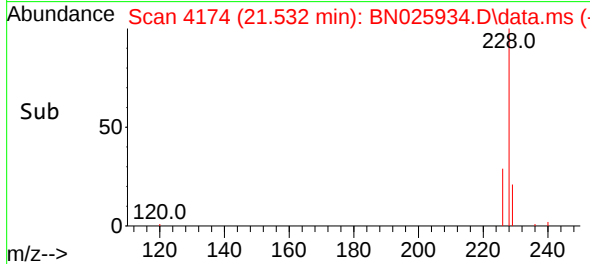
Instrument :
BNA_N
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DCFK6



Tgt Ion:228 Resp: 155984
Ion Ratio Lower Upper
228 100
229 22.7 15.8 23.6
226 30.0 22.5 33.7

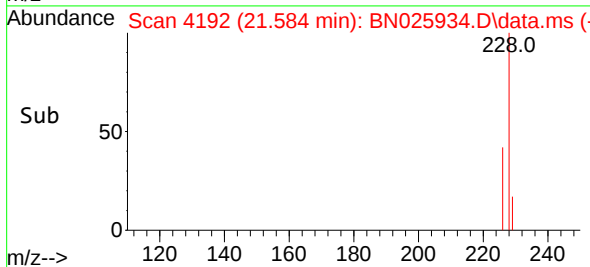
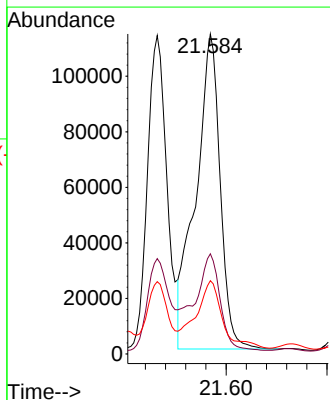
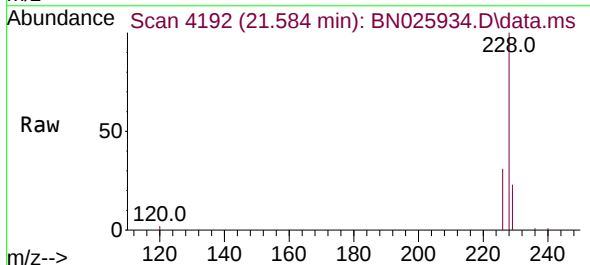
Manual Integrations
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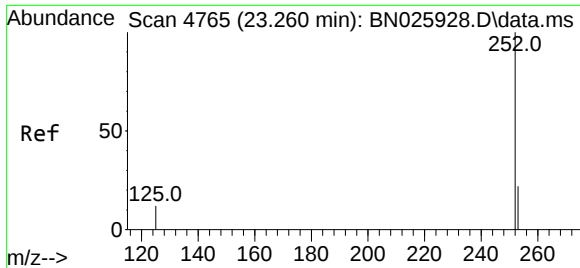
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 1.758 ng/u1
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

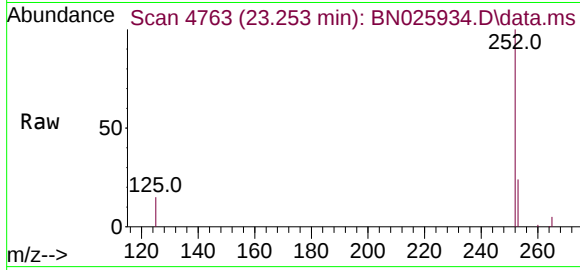
Tgt Ion:228 Resp: 190532
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 22.9 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.968 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

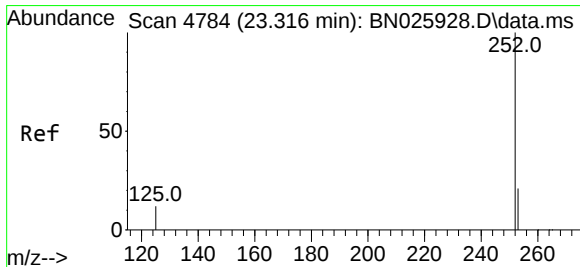
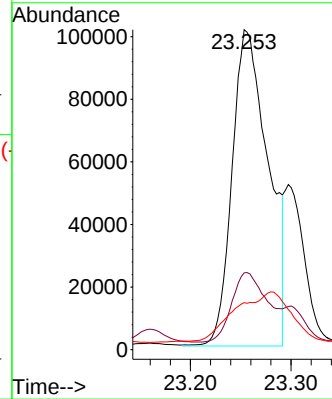
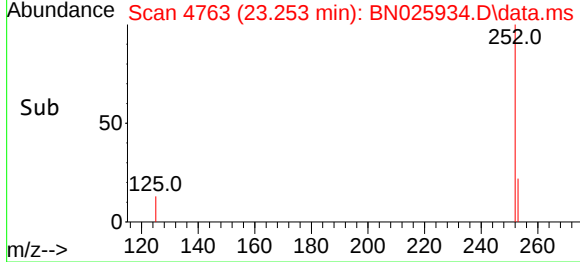
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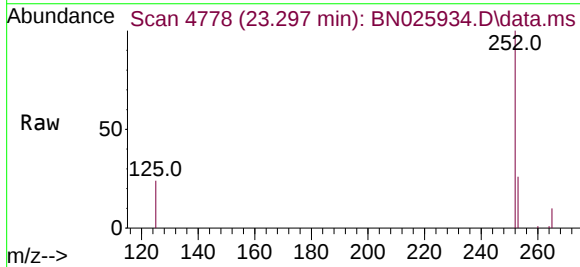
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Ion Ratio Lower Upper
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125 14.7 0.0 35.8

Manual Integrations
APPROVED

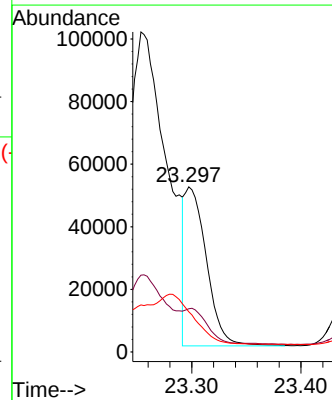
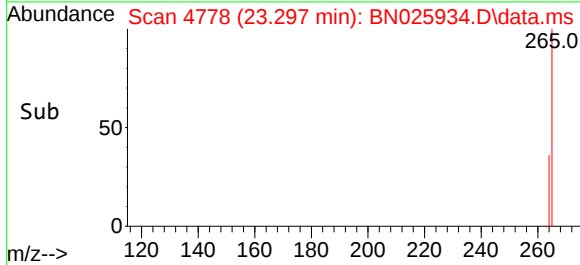
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

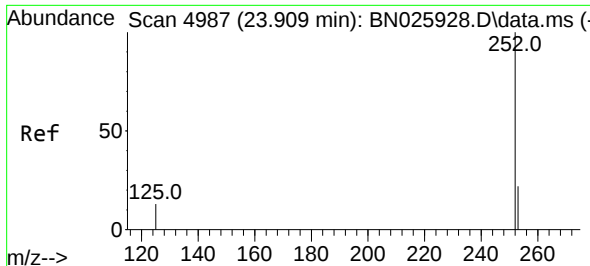


#25
Benzo(k)fluoranthene
Concen: 0.820 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10



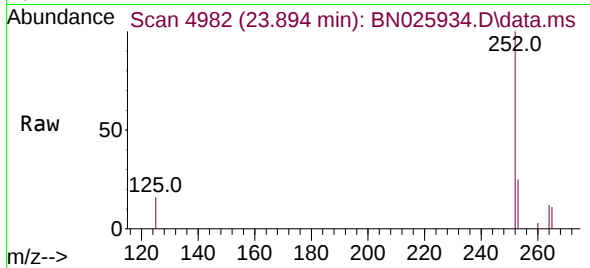
Tgt Ion:252 Resp: 70024
Ion Ratio Lower Upper
252 100
253 26.2 23.2 34.8
125 24.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.800 ng/ul
RT: 23.894 min Scan# 4987
Delta R.T. -0.015 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

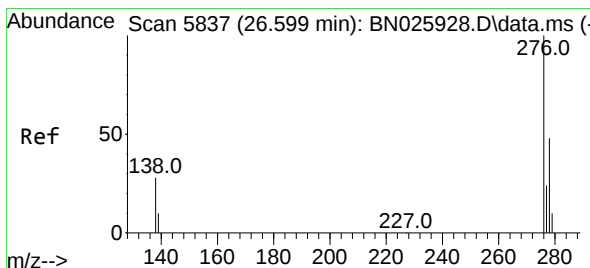
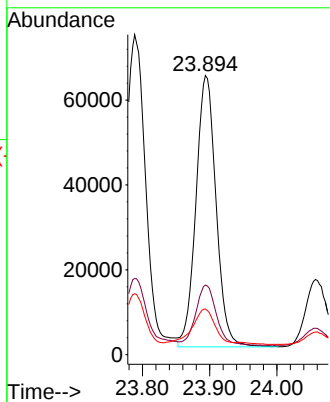
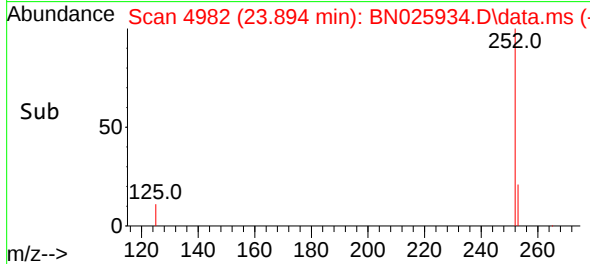
Instrument :
BNA_N
ClientSampleId :
DCFK6



Tgt Ion:252 Resp: 132861
Ion Ratio Lower Upper
252 100
253 25.0 26.0 39.0
125 16.4 17.3 25.9

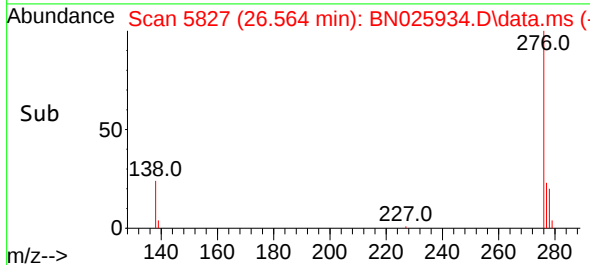
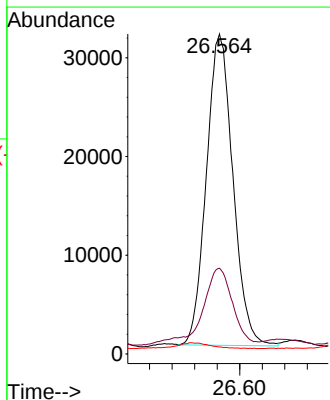
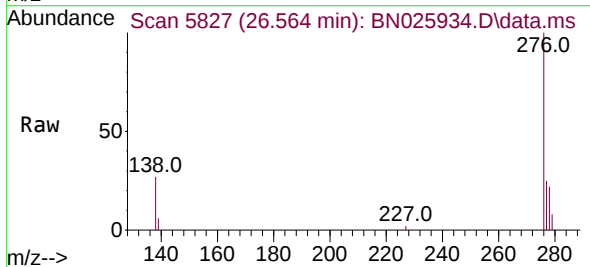
Manual Integrations
APPROVED

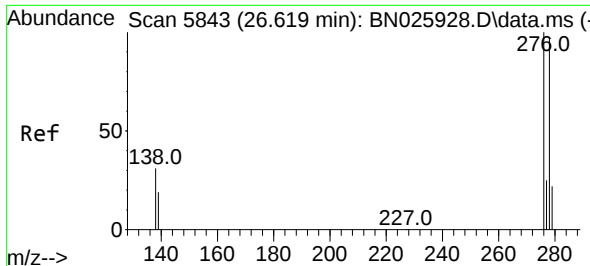
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.278 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.030 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

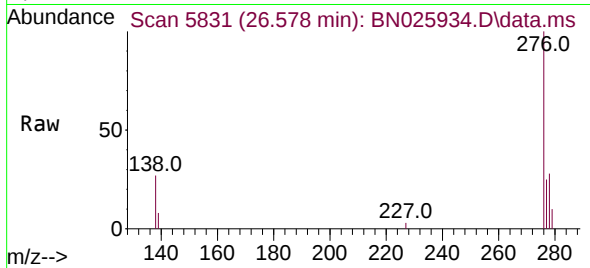
Tgt Ion:276 Resp: 103093
Ion Ratio Lower Upper
276 100
138 28.5 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.437 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.044 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10

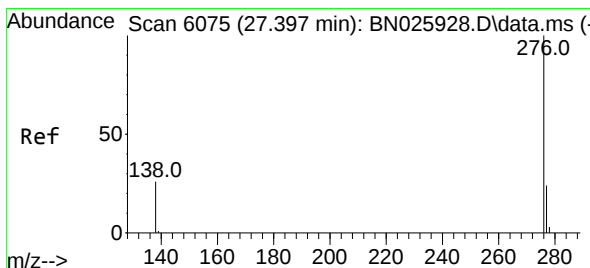
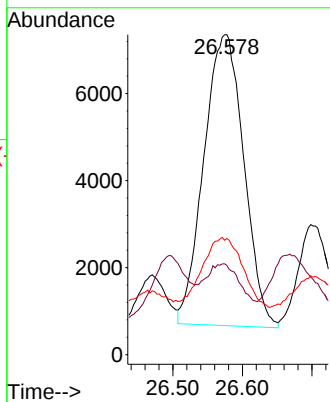
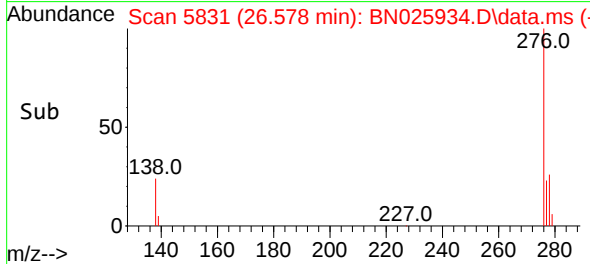
Instrument :
BNA_N
ClientSampleId :
DCFK6



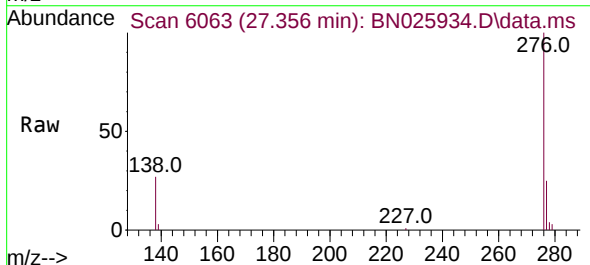
Tgt Ion:278 Resp: 2669
Ion Ratio Lower Upper
278 100
139 27.9 19.0 28.4
279 36.3 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.758 ng/ul
RT: 27.356 min Scan# 6063
Delta R.T. -0.030 min
Lab File: BN025934.D
Acq: 22 Jun 2023 13:10



Tgt Ion:276 Resp: 126078
Ion Ratio Lower Upper
276 100
138 26.9 23.4 35.0
277 24.9 20.0 30.0

