

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025932.D
 Acq On : 22 Jun 2023 11:58
 Operator : MA/JU
 Sample : 03083-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK4

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:02:27 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	9055	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	28599	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	17604	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	35759	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	18738	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	15912	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	26678	2.616	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.382	152	8139	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.388	212	16048	0.225	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.842	128	38499	0.470	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	19683	0.377	ng/ul	99
8) 1-Methylnaphthalene	12.668	142	13616	0.252	ng/ul	100
10) Acenaphthylene	14.340	152	99987	1.213	ng/ul	100
11) Acenaphthene	14.682	153	4946	0.073	ng/ul	96
12) Fluorene	15.663	166	5797	0.075	ng/ul#	91
15) Phenanthrene	17.403	178	177888	1.506	ng/ul	100
16) Anthracene	17.496	178	43333	0.413	ng/ul	99
19) Fluoranthene	19.415	202	725970	7.254	ng/ul	100
20) Pyrene	19.778	202	655145	6.294	ng/ul	99
21) Benzo(a)anthracene	21.530	228	335867	4.345	ng/ul	96
22) Chrysene	21.582	228	366785	4.560	ng/ul	97
24) Benzo(b)fluoranthene	23.257	252	557125m	8.203	ng/ul	
25) Benzo(k)fluoranthene	23.301	252	192993m	2.830	ng/ul	
26) Benzo(a)pyrene	23.906	252	310236	5.259	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.589	276	235223	3.651	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.595	278	57712	1.184	ng/ul	98
29) Benzo(g,h,i)perylene	27.390	276	223947	3.907	ng/ul	96

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

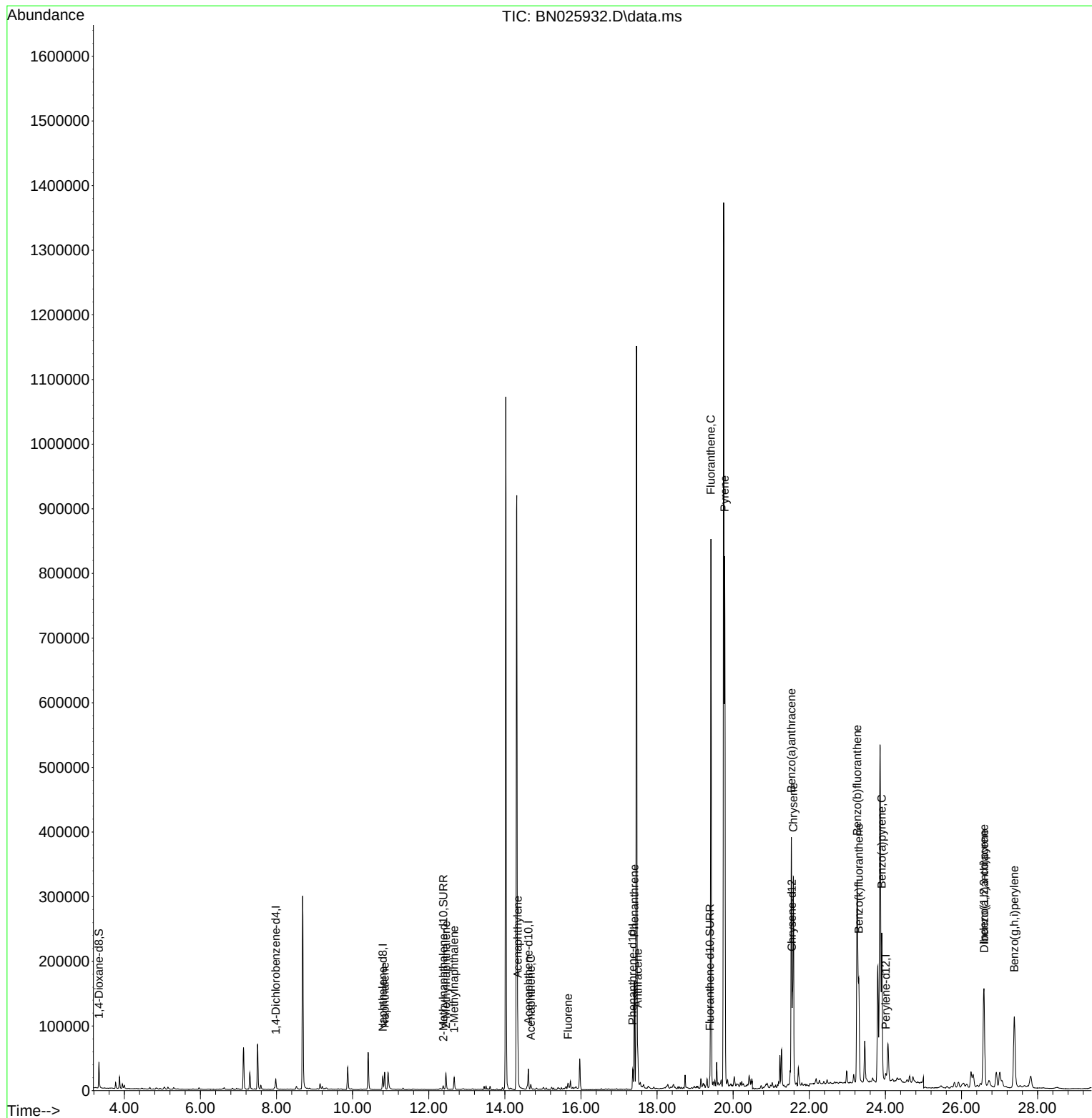
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025932.D
Acq On : 22 Jun 2023 11:58
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Sample : 03083-06
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ALS Vial : 6 Sample Multiplier: 1

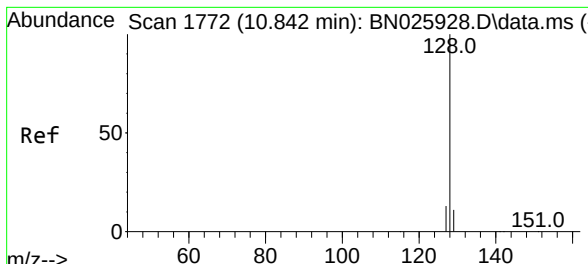
Instrument :
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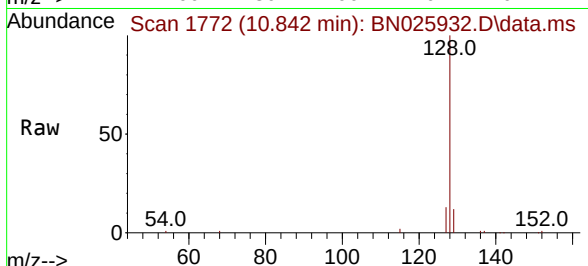
Quant Time: Jun 23 01:02:27 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.470 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.005 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

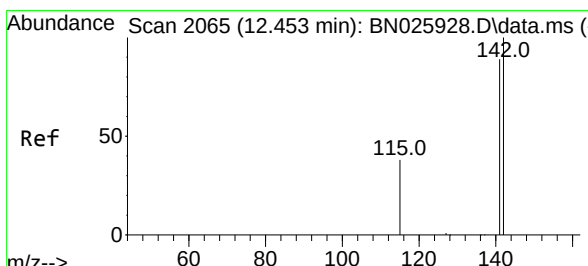
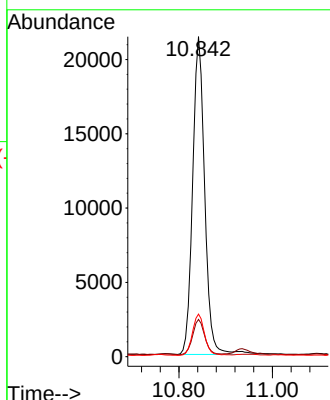
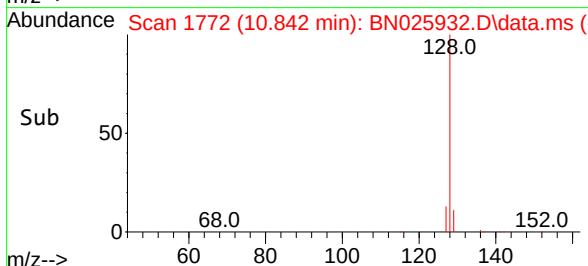
Instrument :
BNA_N
ClientSampleId :
DCFK4



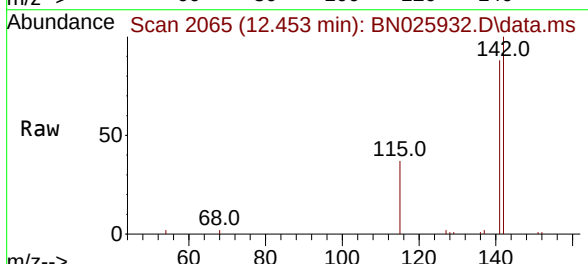
Tgt Ion:128 Resp: 38499
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.3 10.7 16.1

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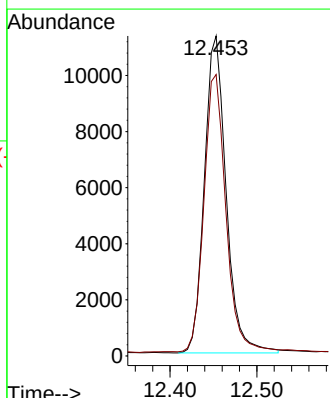
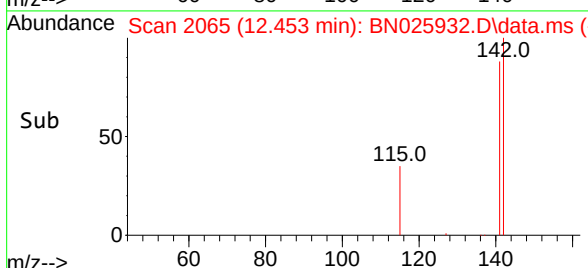
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

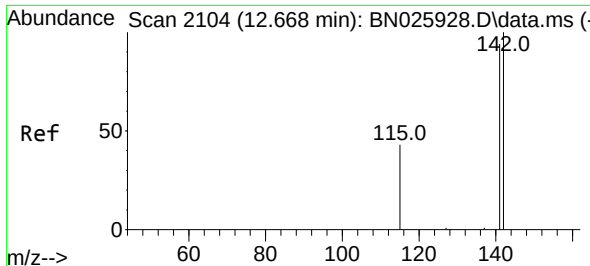


#7
2-Methylnaphthalene
Concen: 0.377 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. 0.000 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58



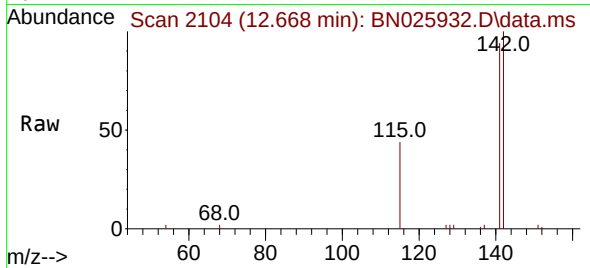
Tgt Ion:142 Resp: 19683
Ion Ratio Lower Upper
142 100
141 89.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.252 ng/ul
RT: 12.668 min Scan# 2104
Delta R.T. -0.005 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

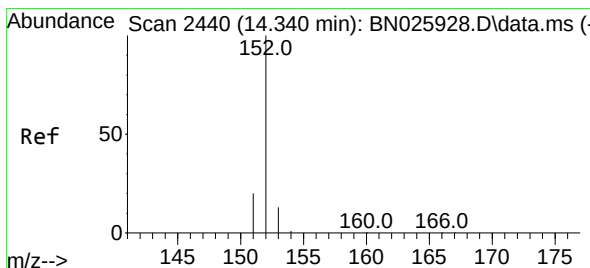
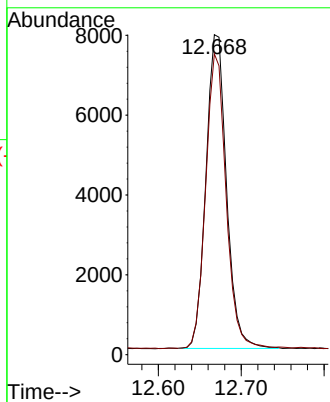
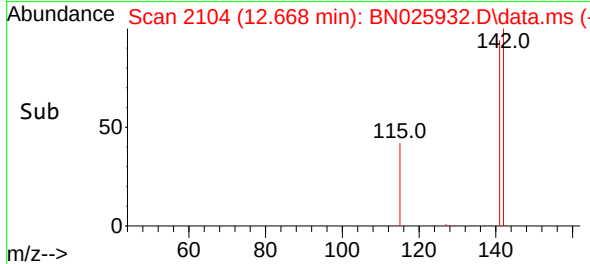
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:142 Resp: 13610
Ion Ratio Lower Upper
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141 93.2 74.2 111.4

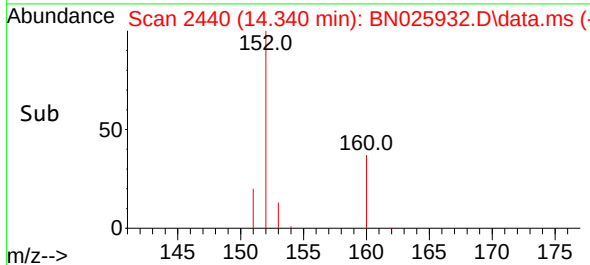
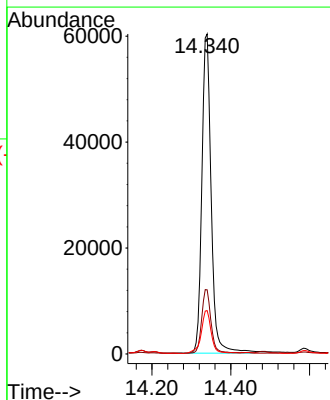
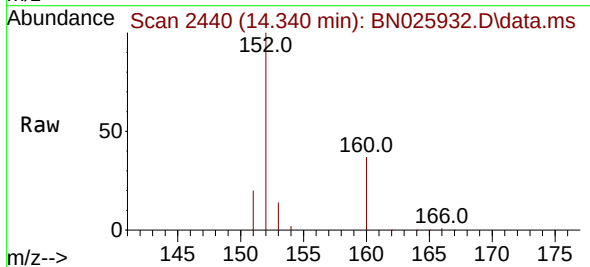
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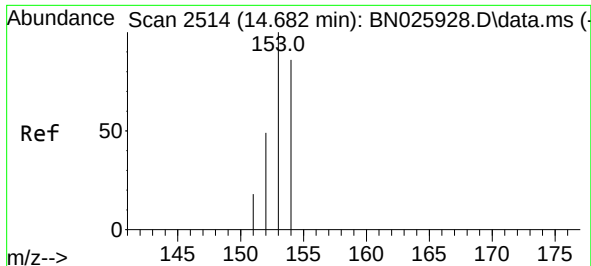
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#10
Acenaphthylene
Concen: 1.213 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

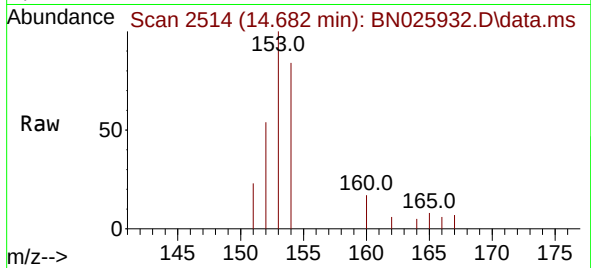
Tgt Ion:152 Resp: 99987
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.073 ng/u1
RT: 14.682 min Scan# 214
Delta R.T. 0.001 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

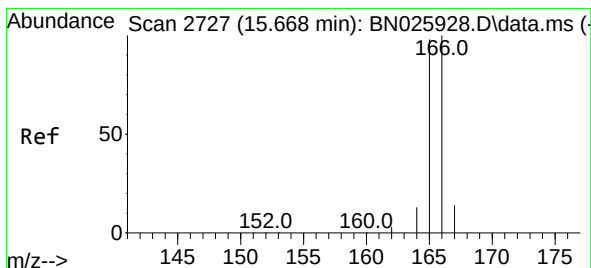
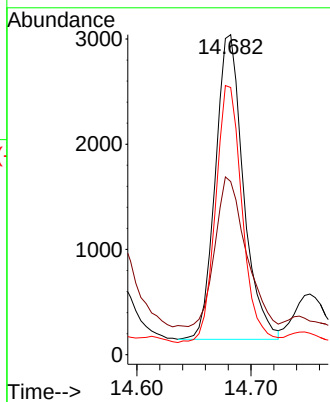
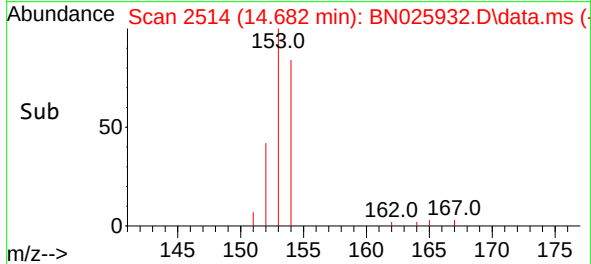
Instrument :
BNA_N
ClientSampleId :
DCFK4



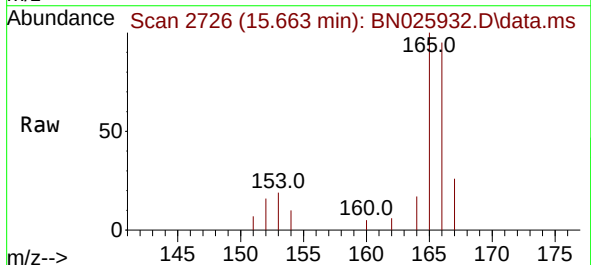
Tgt Ion:153 Resp: 4940
Ion Ratio Lower Upper
153 100
152 54.1 39.4 59.0
154 83.5 68.9 103.3

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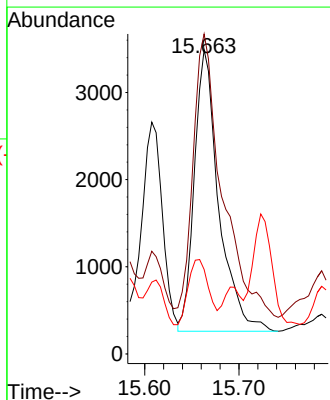
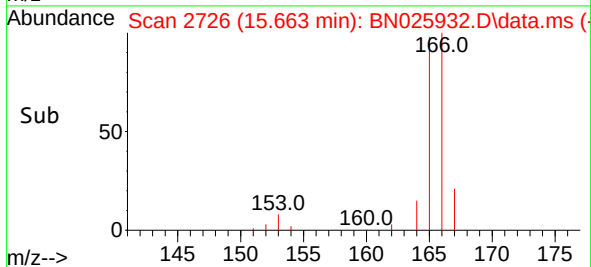
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

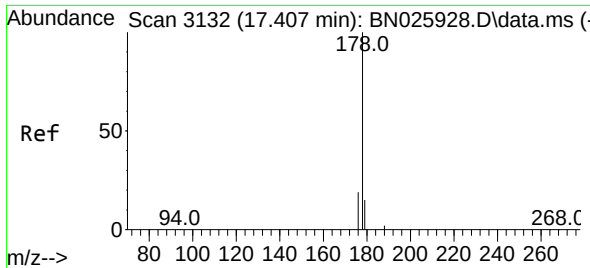


#12
Fluorene
Concen: 0.075 ng/u1
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58



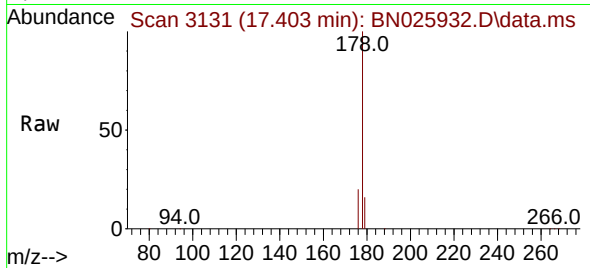
Tgt Ion:166 Resp: 5797
Ion Ratio Lower Upper
166 100
165 105.2 79.9 119.9
167 27.8 10.8 16.2#





#15
Phenanthrene
Concen: 1.506 ng/u1
RT: 17.403 min Scan# 3132
Delta R.T. -0.003 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

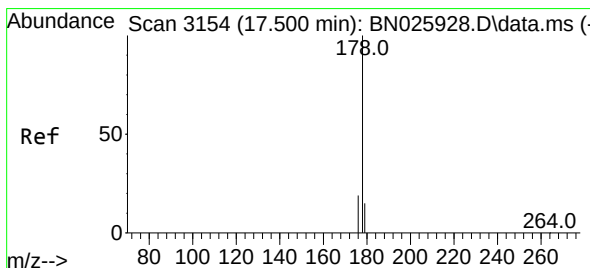
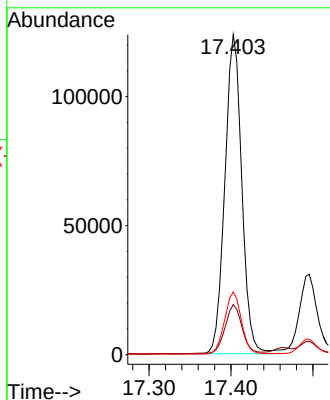
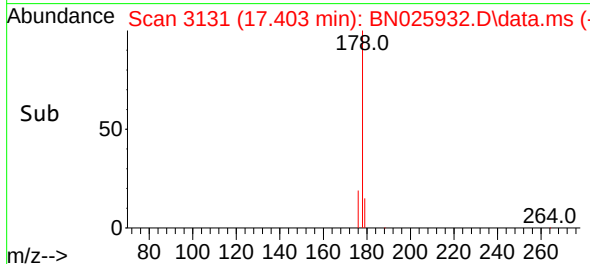
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:178 Resp: 17788
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.6 15.8 23.6

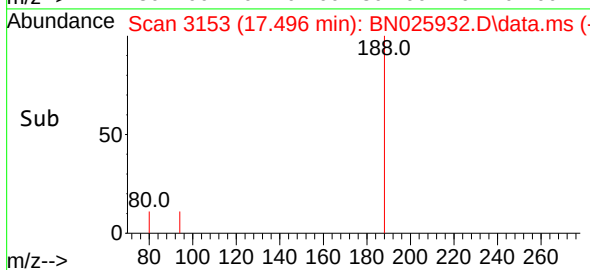
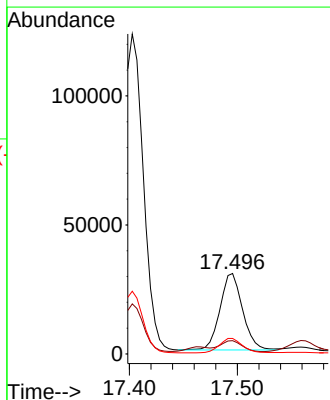
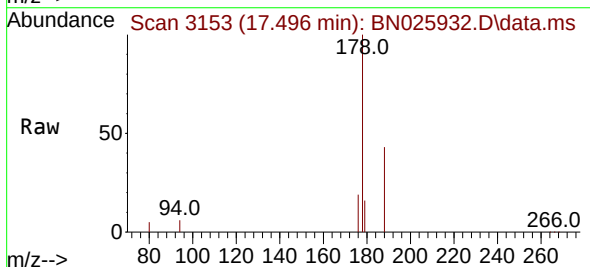
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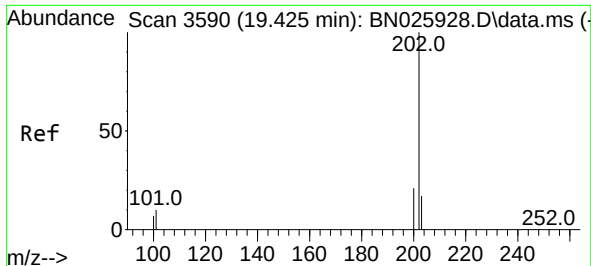
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.413 ng/u1
RT: 17.496 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

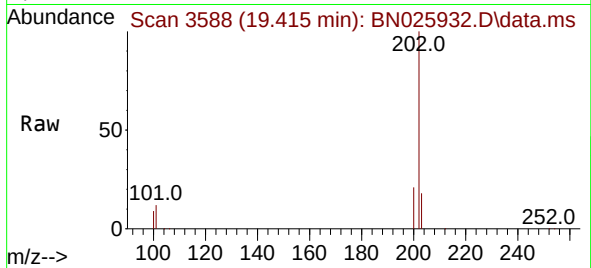
Tgt Ion:178 Resp: 43333
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.2 15.1 22.7





#19
Fluoranthene
Concen: 7.254 ng/u1
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

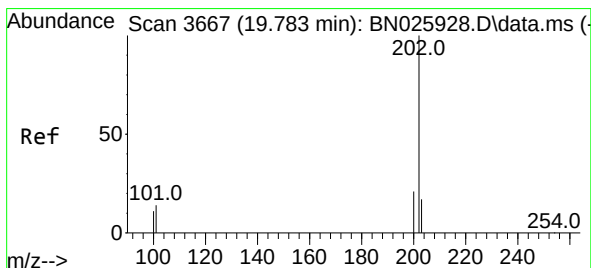
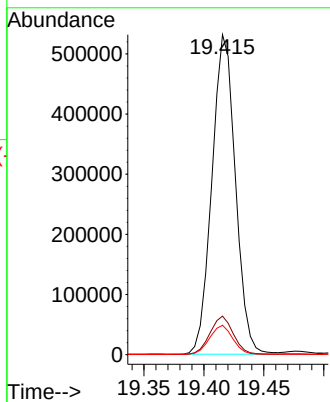
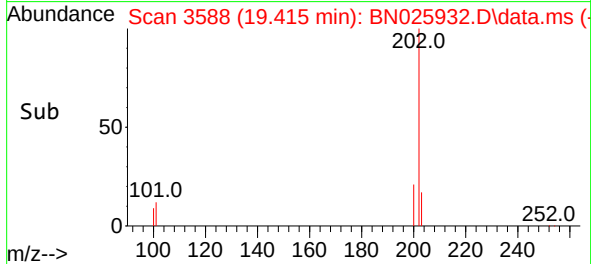
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:202 Resp: 725970
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 9.2 7.3 10.9

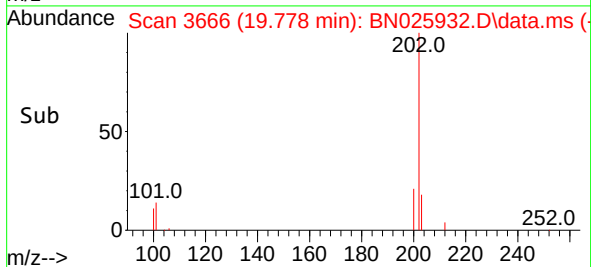
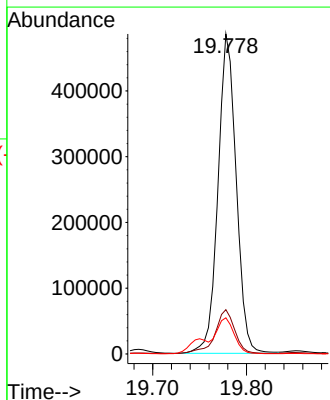
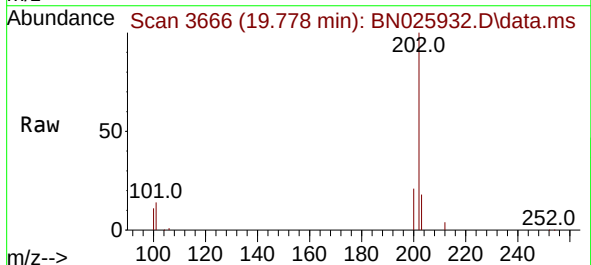
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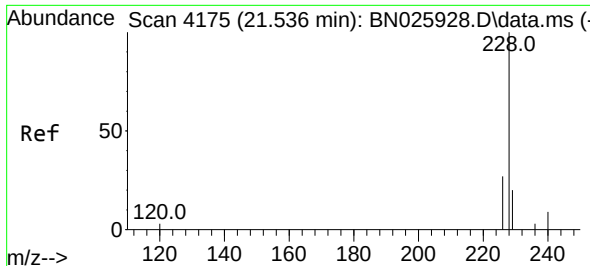
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 6.294 ng/u1
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

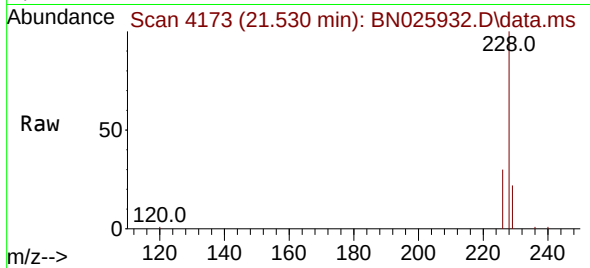
Tgt Ion:202 Resp: 655145
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 4.345 ng/u1
RT: 21.530 min Scan# 4175
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

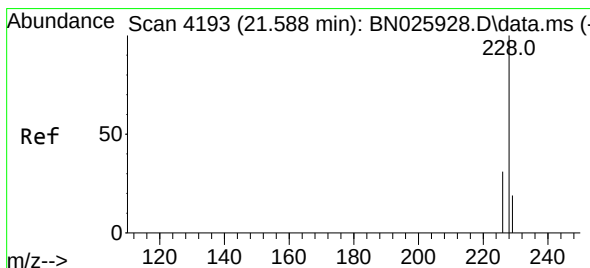
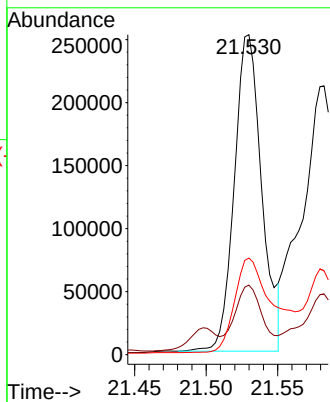
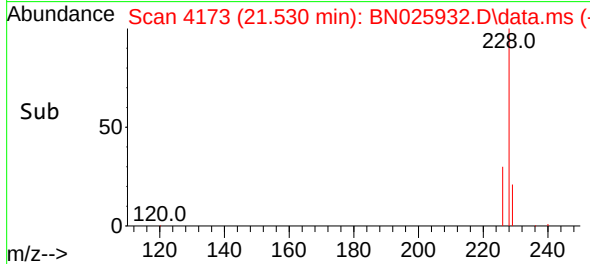
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:228 Resp: 33586
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 30.2 22.5 33.7

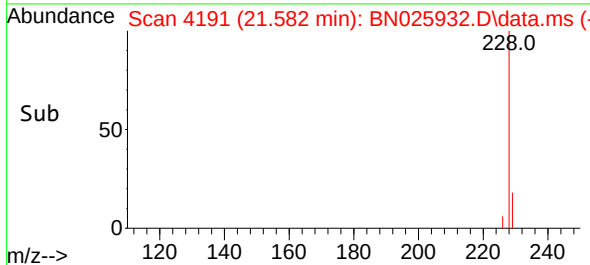
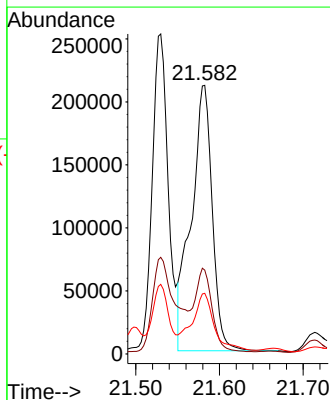
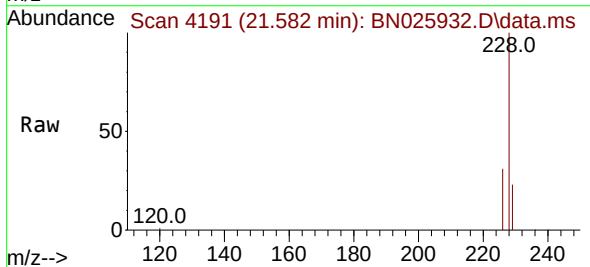
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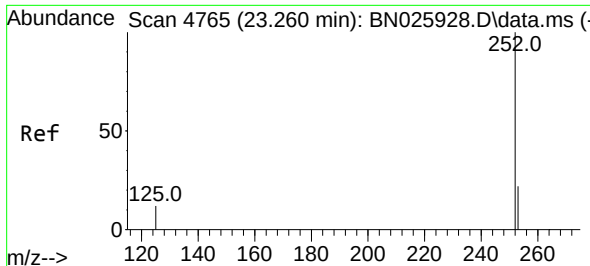
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 4.560 ng/u1
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

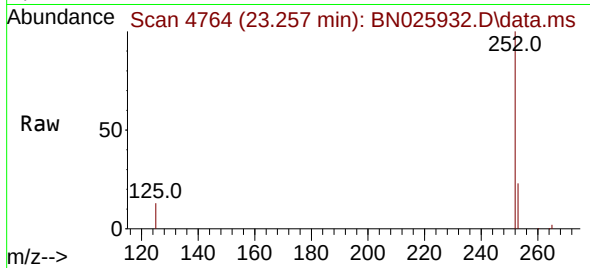
Tgt Ion:228 Resp: 366785
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.6 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 8.203 ng/ul m
RT: 23.257 min Scan# 4764
Delta R.T. 0.001 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

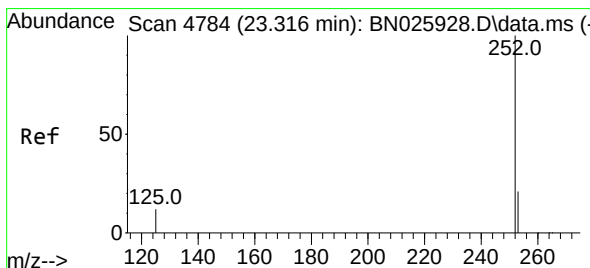
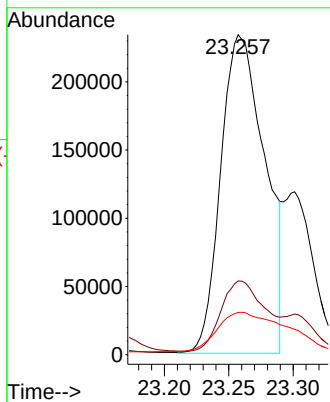
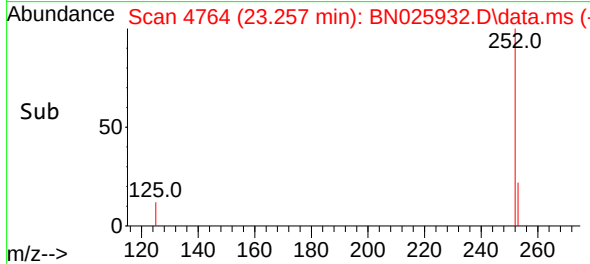
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:252 Resp: 557125
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 13.2 0.0 35.8

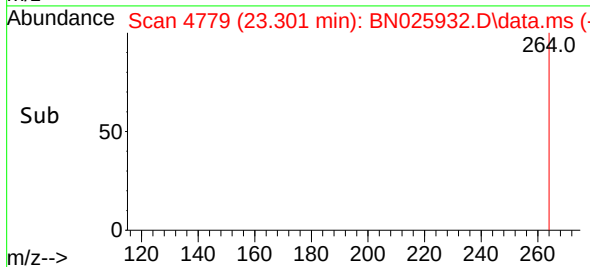
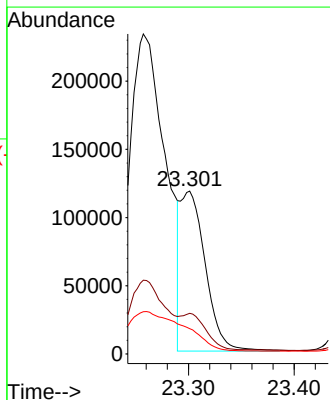
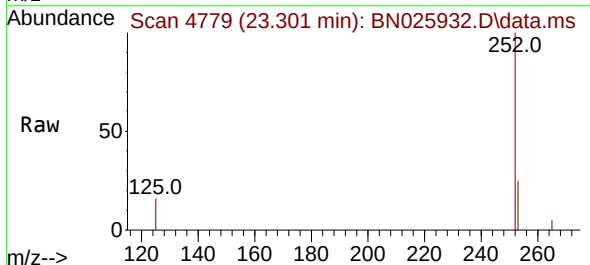
Manual Integrations
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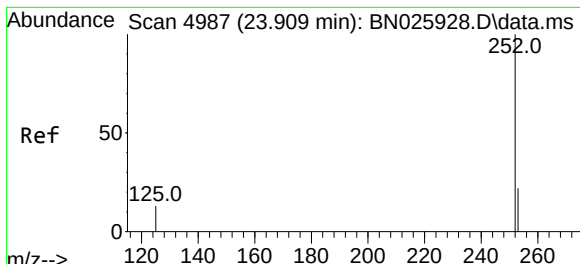
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 2.830 ng/ul m
RT: 23.301 min Scan# 4779
Delta R.T. -0.008 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

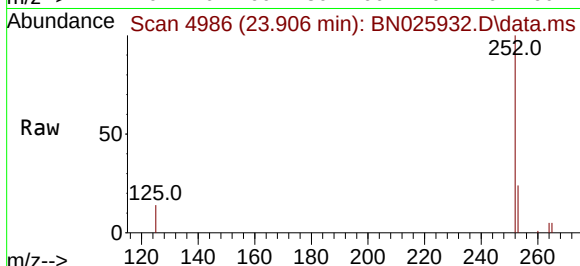
Tgt Ion:252 Resp: 192993
Ion Ratio Lower Upper
252 100
253 24.9 23.2 34.8
125 15.5 15.0 22.4





#26
Benzo(a)pyrene
Concen: 5.259 ng/ul
RT: 23.906 min Scan# 4987
Delta R.T. -0.002 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

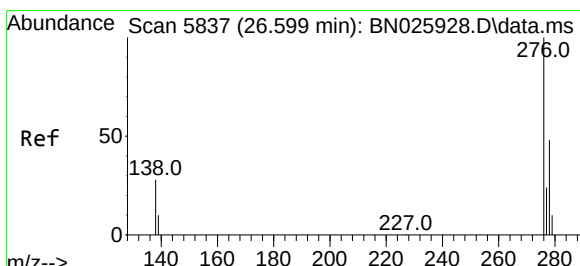
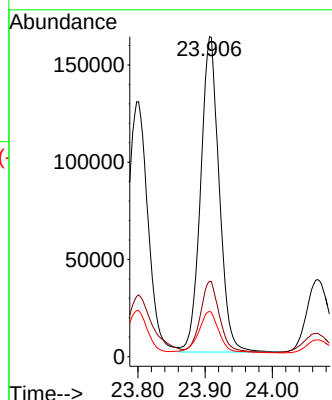
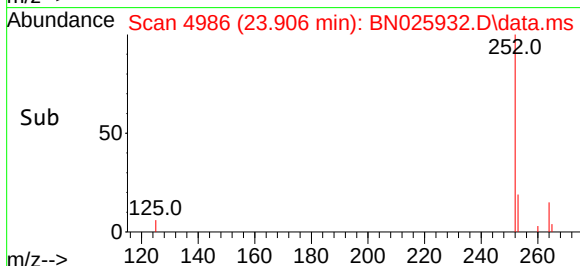
Instrument :
BNA_N
ClientSampleId :
DCFK4



Tgt Ion:252 Resp: 310230
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0
125 14.2 17.3 25.9

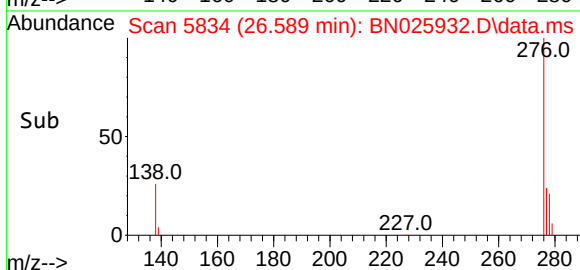
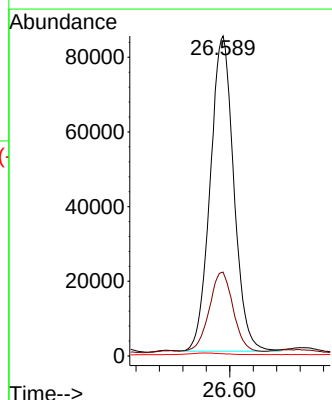
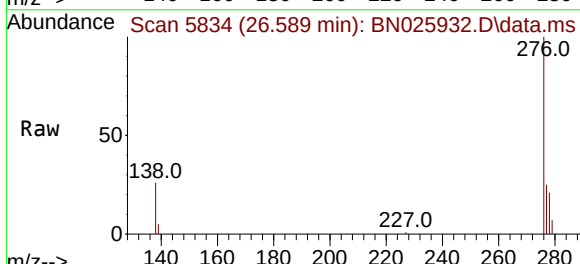
Manual Integrations
APPROVED

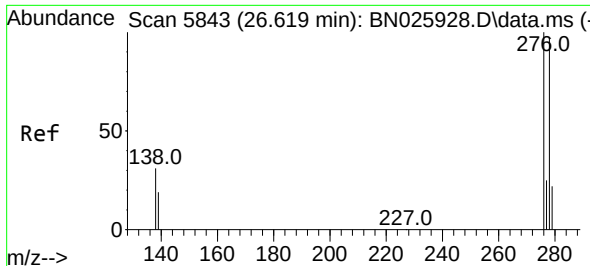
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.651 ng/ul
RT: 26.589 min Scan# 5834
Delta R.T. -0.006 min
Lab File: BN025932.D
Acq: 22 Jun 2023 11:58

Tgt Ion:276 Resp: 235223
Ion Ratio Lower Upper
276 100
138 26.5 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 1.184 ng/ul

RT: 26.595 min Scan# 5836

Delta R.T. -0.026 min

Lab File: BN025932.D

Acq: 22 Jun 2023 11:58

Instrument :

BNA_N

ClientSampleId :

DCFK4

Tgt Ion:278 Resp: 5771

Ion Ratio Lower Upper

278 100

139 22.9 19.0 28.4

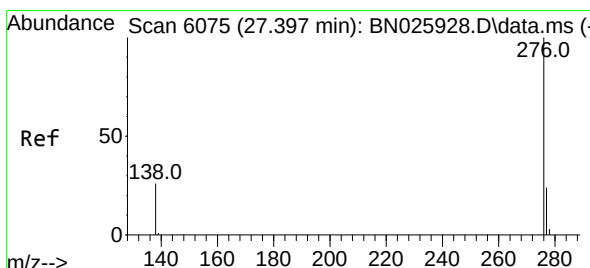
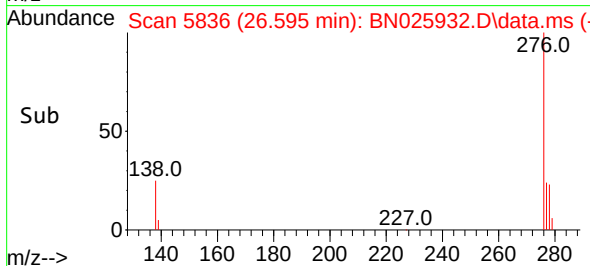
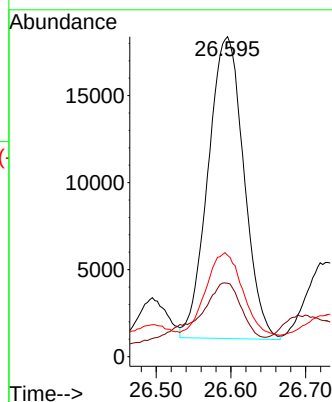
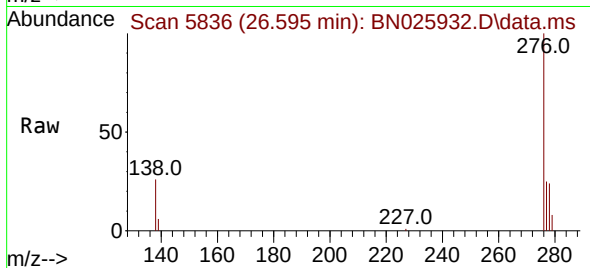
279 31.6 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/23/2023

Supervised By :mohammad ahmed 06/23/2023



#29

Benzo(g,h,i)perylene

Concen: 3.907 ng/ul

RT: 27.390 min Scan# 6073

Delta R.T. 0.004 min

Lab File: BN025932.D

Acq: 22 Jun 2023 11:58

Tgt Ion:276 Resp: 223947

Ion Ratio Lower Upper

276 100

138 26.2 23.4 35.0

277 24.0 20.0 30.0

