

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025933.D
 Acq On : 22 Jun 2023 12:34
 Operator : MA/JU
 Sample : 03083-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK5

Manual Integrations
 APPROVED

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

Quant Time: Jun 23 01:02:37 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	8846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27374	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16751	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	33162	0.400	ng/ul	0.00
17) Chrysene-d12	21.549	240	16817	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	15423	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	23995	2.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	8136	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	15246	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	43330	0.552	ng/ul	100
7) 2-Methylnaphthalene	12.453	142	23484	0.470	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	17891	0.346	ng/ul	100
10) Acenaphthylene	14.339	152	45341	0.578	ng/ul	99
11) Acenaphthene	14.681	153	4964	0.077	ng/ul	97
12) Fluorene	15.662	166	8547	0.116	ng/ul#	94
15) Phenanthrene	17.402	178	237392	2.167	ng/ul	99
16) Anthracene	17.495	178	23010	0.236	ng/ul	97
19) Fluoranthene	19.419	202	437168	4.867	ng/ul	98
20) Pyrene	19.782	202	326629	3.496	ng/ul	97
21) Benzo(a)anthracene	21.532	228	117547	1.694	ng/ul	96
22) Chrysene	21.584	228	179947	2.493	ng/ul	97
24) Benzo(b)fluoranthene	23.253	252	254059m	3.859	ng/ul	
25) Benzo(k)fluoranthene	23.297	252	69358m	1.049	ng/ul	
26) Benzo(a)pyrene	23.894	252	125395	2.193	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.564	276	113334	1.815	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.574	278	27363	0.579	ng/ul	95
29) Benzo(g,h,i)perylene	27.356	276	121465	2.186	ng/ul	98

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

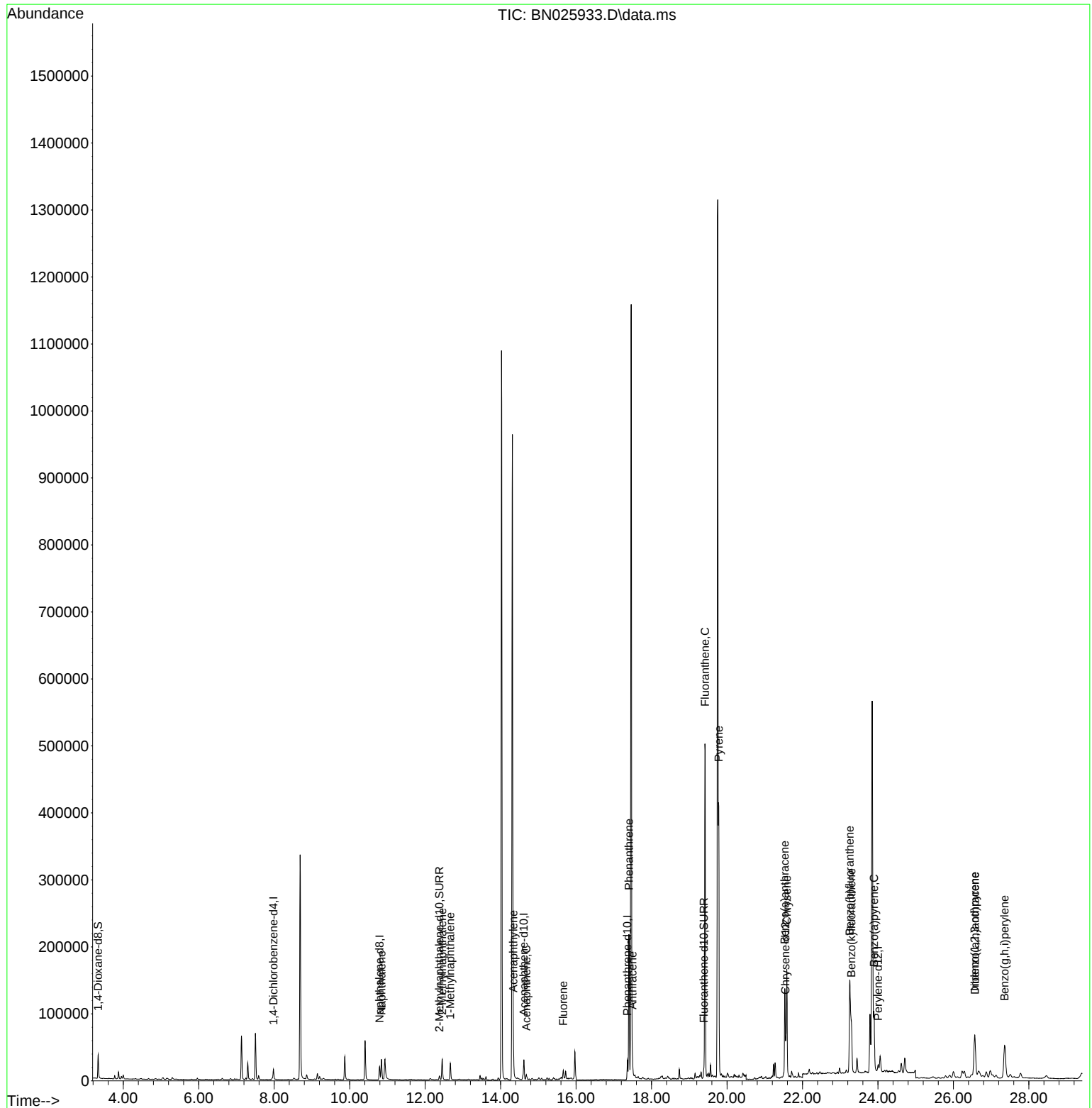
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025933.D
Acq On : 22 Jun 2023 12:34
Operator : MA/JU
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ALS Vial : 7 Sample Multiplier: 1

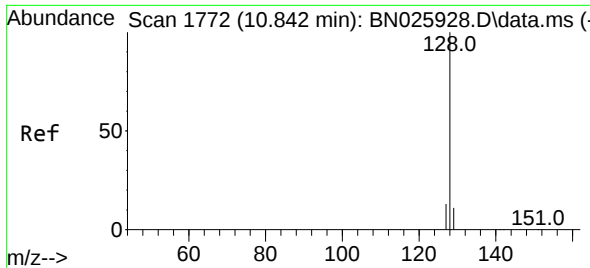
Instrument :
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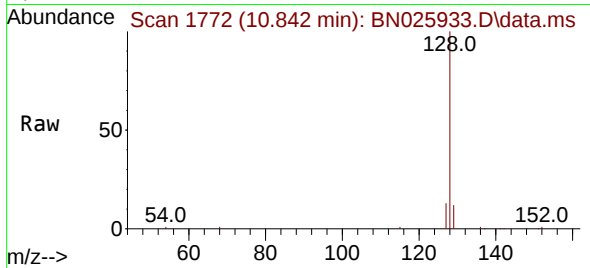
Quant Time: Jun 23 01:02:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.552 ng/ul
RT: 10.842 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

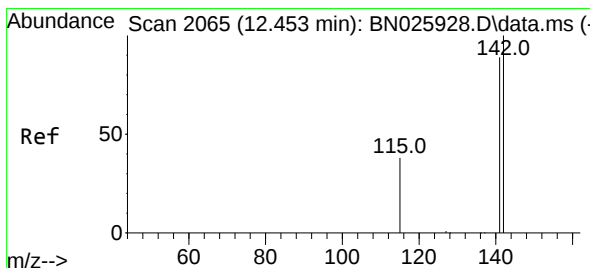
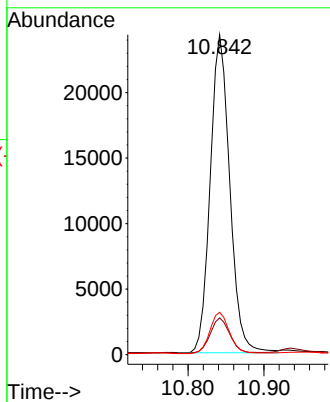
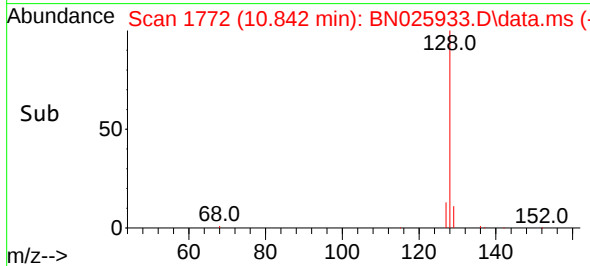
Instrument :
BNA_N
ClientSampleId :
DCFK5



Tgt Ion:128 Resp: 43330
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.2 10.7 16.1

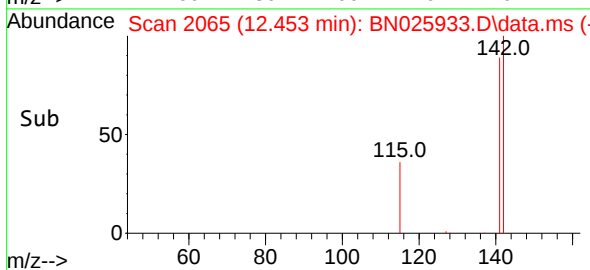
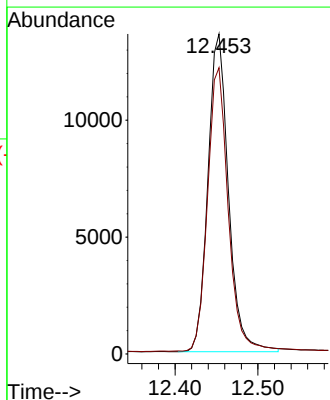
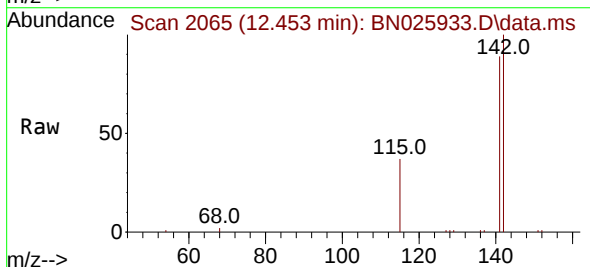
Manual Integrations
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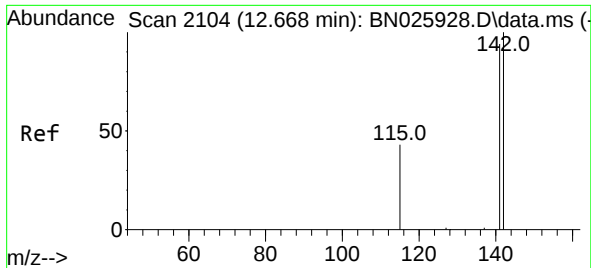
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#7
2-Methylnaphthalene
Concen: 0.470 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

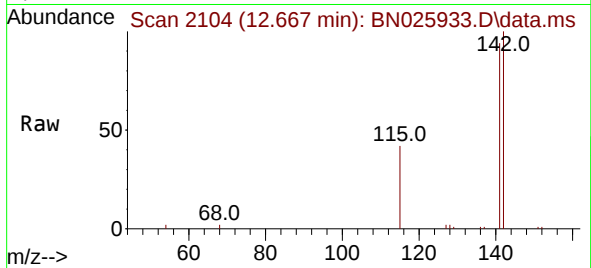
Tgt Ion:142 Resp: 23484
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

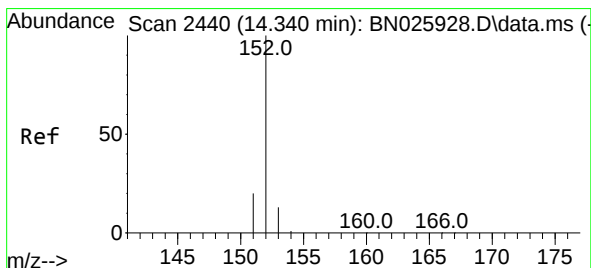
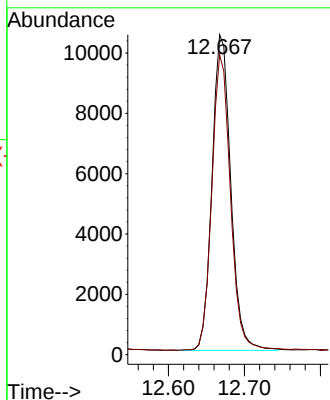
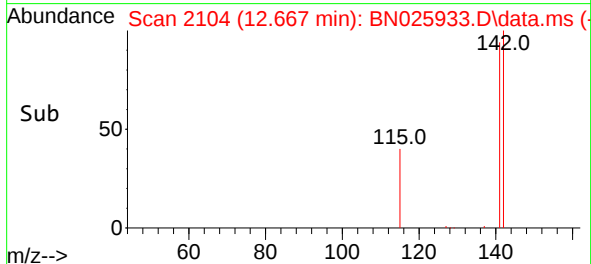
Instrument :
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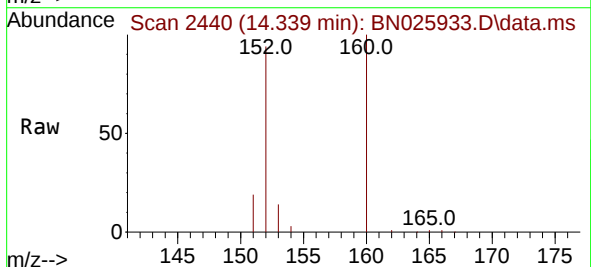
Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

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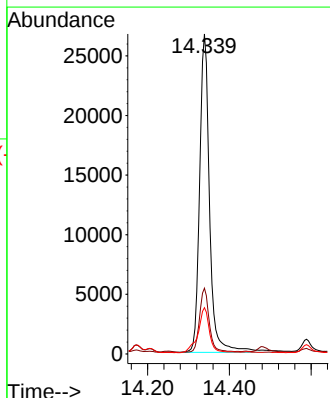
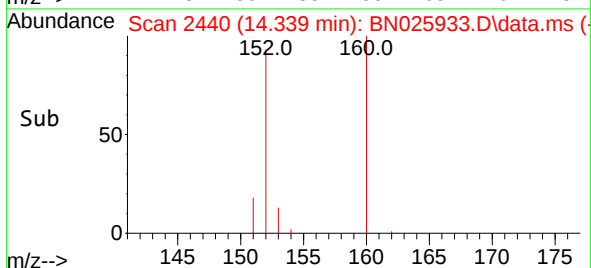
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

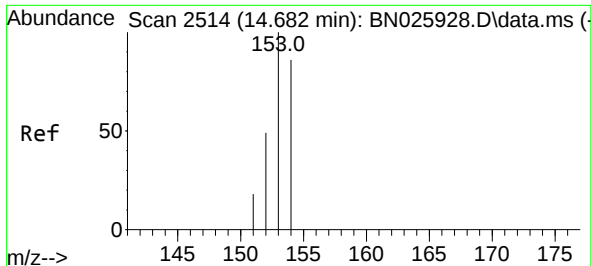


#10
Acenaphthylene
Concen: 0.578 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34



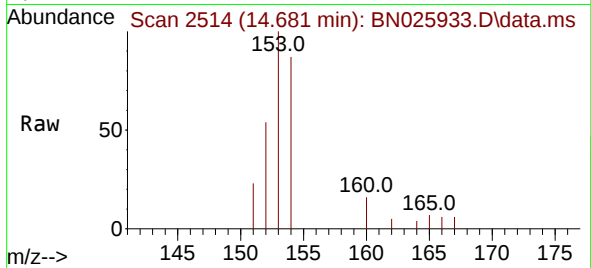
Tgt Ion:152 Resp: 45341
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.4
153 14.5 10.9 16.3





#11
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.681 min Scan# 214
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

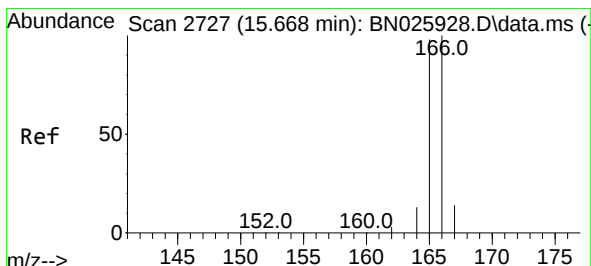
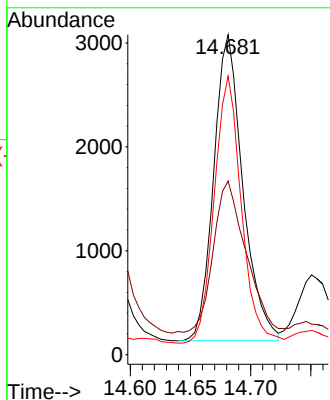
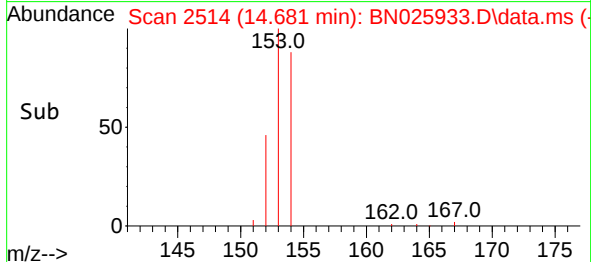
Instrument :
BNA_N
ClientSampleId :
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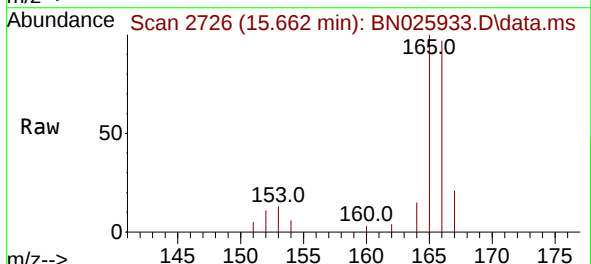
Tgt Ion:153 Resp: 4964
Ion Ratio Lower Upper
153 100
152 54.3 39.4 59.0
154 87.0 68.9 103.3

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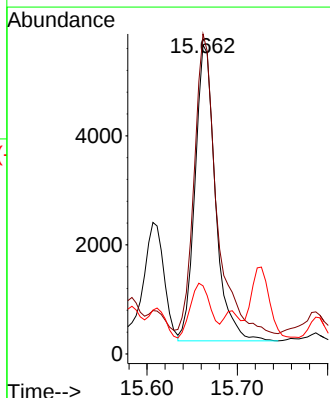
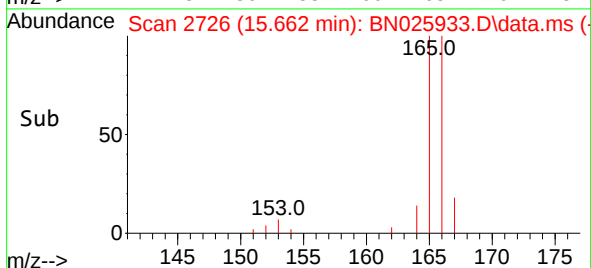
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

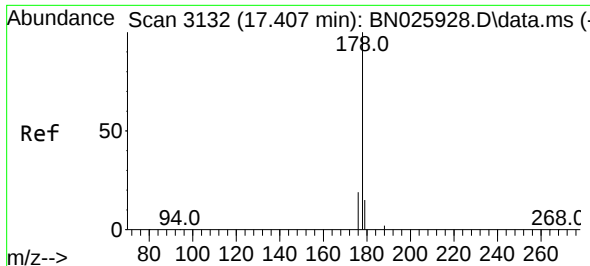


#12
Fluorene
Concen: 0.116 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34



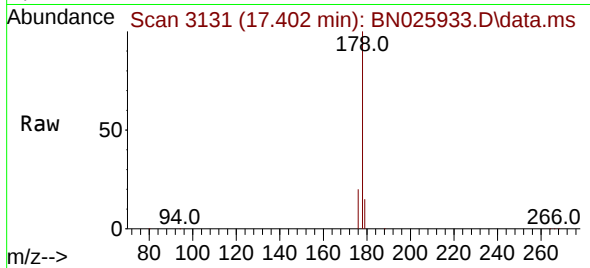
Tgt Ion:166 Resp: 8547
Ion Ratio Lower Upper
166 100
165 103.5 79.9 119.9
167 22.1 10.8 16.2#





#15
Phenanthrene
Concen: 2.167 ng/u1
RT: 17.402 min Scan# 3132
Delta R.T. -0.004 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

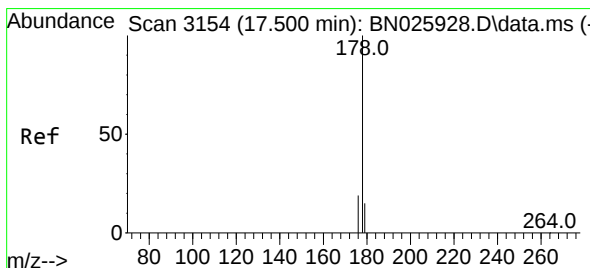
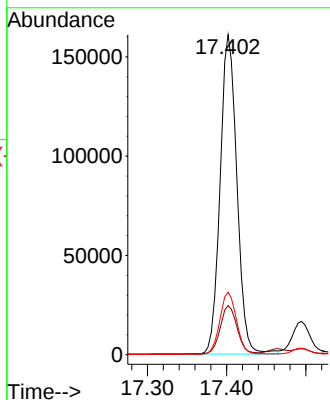
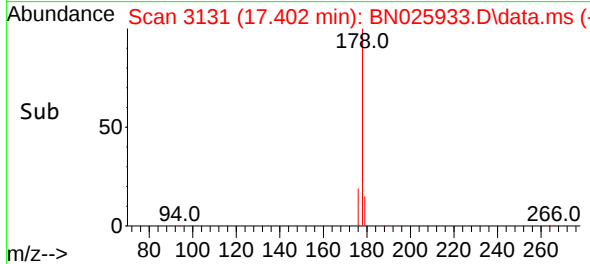
Instrument :
BNA_N
ClientSampleId :
DCFK5



Tgt Ion:178 Resp: 237392
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6

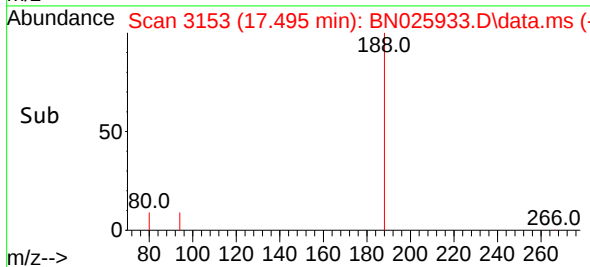
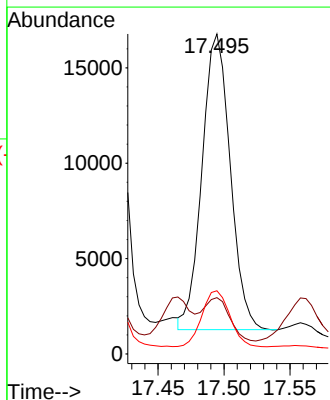
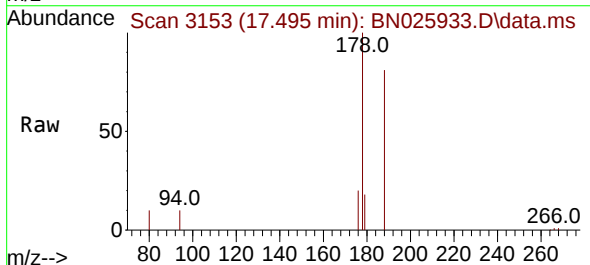
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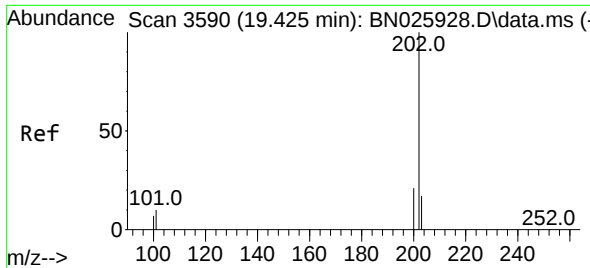
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#16
Anthracene
Concen: 0.236 ng/u1
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

Tgt Ion:178 Resp: 23010
Ion Ratio Lower Upper
178 100
179 17.6 12.6 18.8
176 19.8 15.1 22.7





#19

Fluoranthene

Concen: 4.867 ng/u1

RT: 19.419 min Scan# 3589

Delta R.T. -0.000 min

Lab File: BN025933.D

Acq: 22 Jun 2023 12:34

Instrument :

BNA_N

ClientSampleId :

DCFK5

Tgt Ion:202 Resp: 43716

Ion Ratio Lower Upper

202 100

101 11.0 9.5 14.3

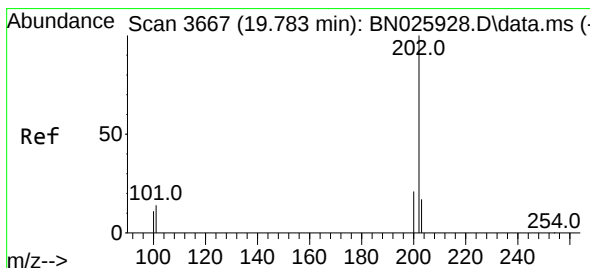
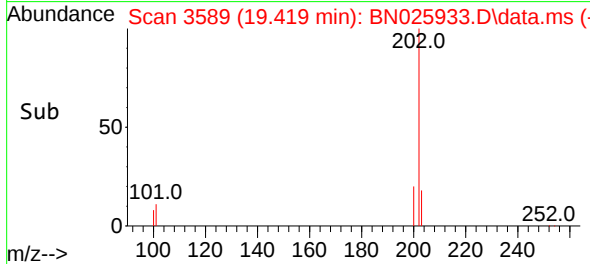
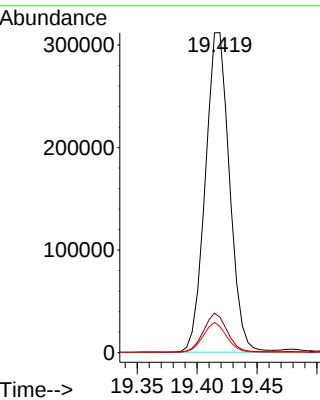
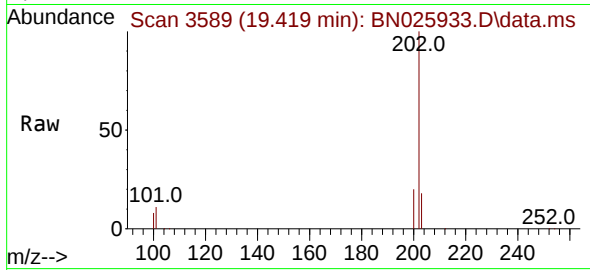
100 8.1 7.3 10.9

Manual Integrations

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Supervised By :mohammad ahmed 06/23/2023



#20

Pyrene

Concen: 3.496 ng/u1

RT: 19.782 min Scan# 3667

Delta R.T. -0.000 min

Lab File: BN025933.D

Acq: 22 Jun 2023 12:34

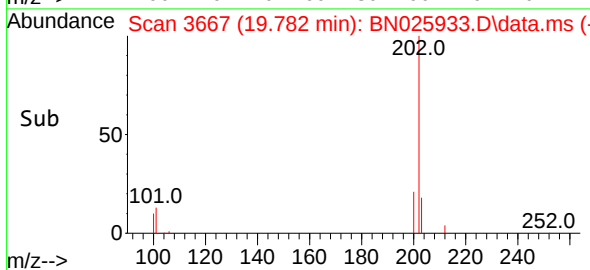
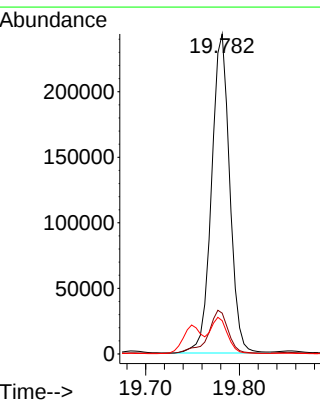
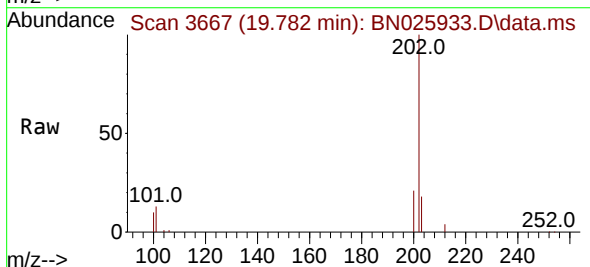
Tgt Ion:202 Resp: 326629

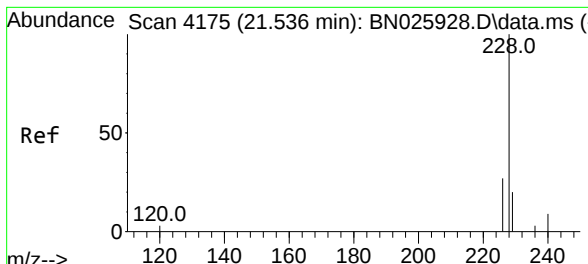
Ion Ratio Lower Upper

202 100

101 12.8 11.4 17.0

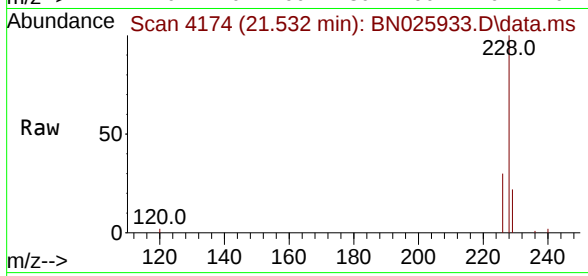
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.694 ng/u1
RT: 21.532 min Scan# 4174
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

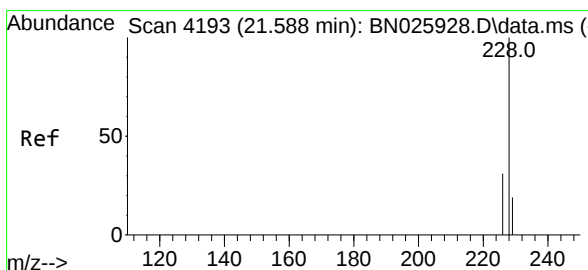
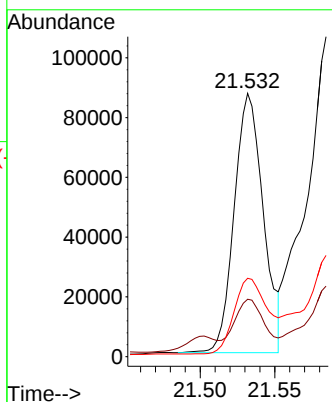
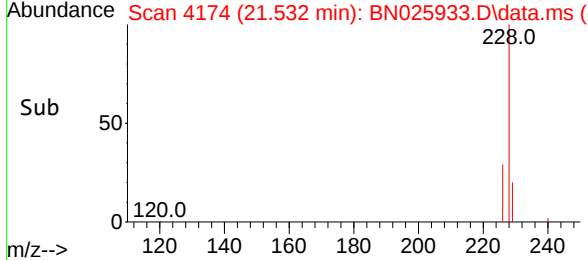
Instrument :
BNA_N
ClientSampleId :
DCFK5



Tgt Ion:228 Resp: 11754
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 29.8 22.5 33.7

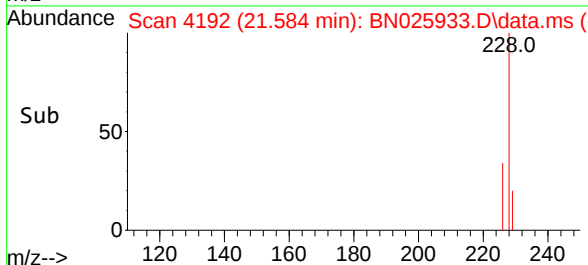
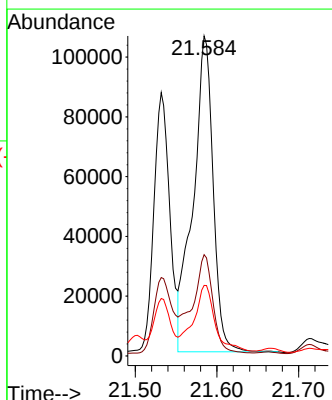
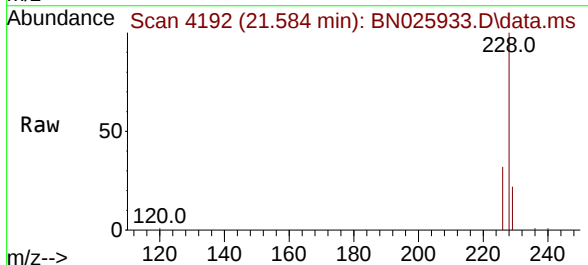
Manual Integrations
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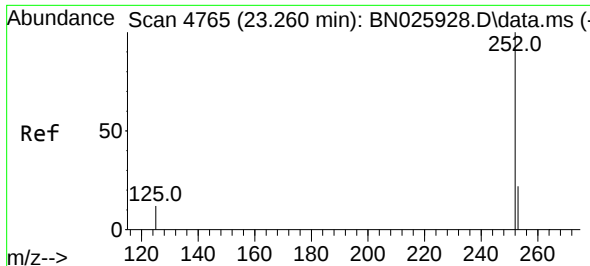
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 2.493 ng/u1
RT: 21.584 min Scan# 4192
Delta R.T. -0.000 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

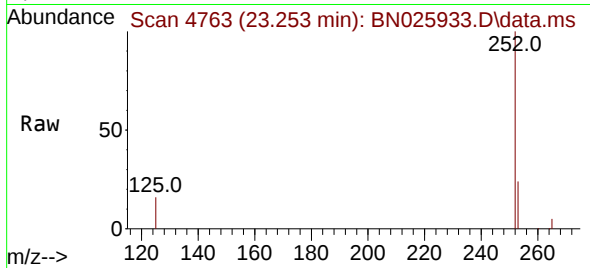
Tgt Ion:228 Resp: 179947
Ion Ratio Lower Upper
228 100
226 31.6 24.8 37.2
229 22.1 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.859 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.003 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

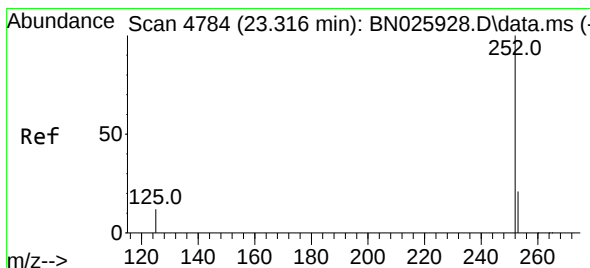
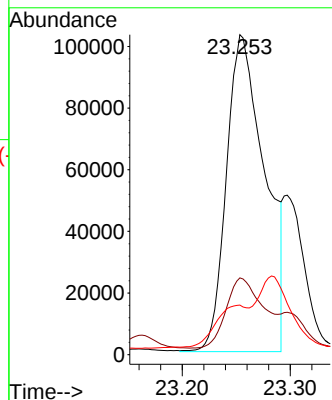
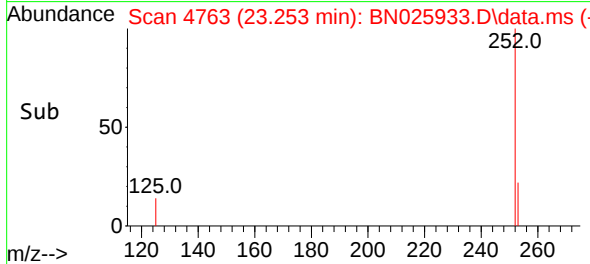
Instrument :
BNA_N
ClientSampleId :
DCFK5



Tgt Ion:252 Resp: 254059
Ion Ratio Lower Upper
252 100
253 24.0 0.0 55.6
125 15.5 0.0 35.8

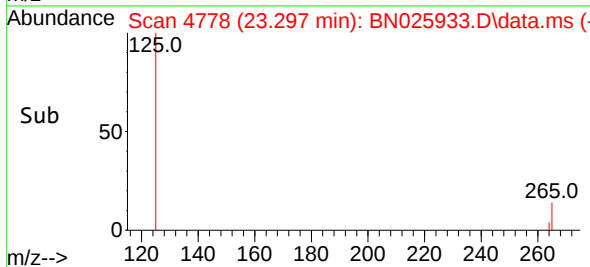
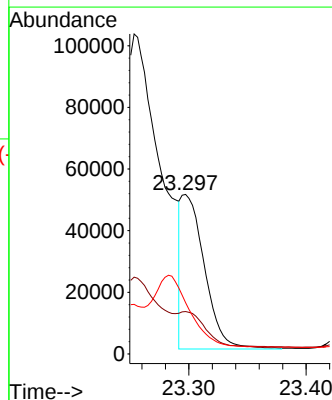
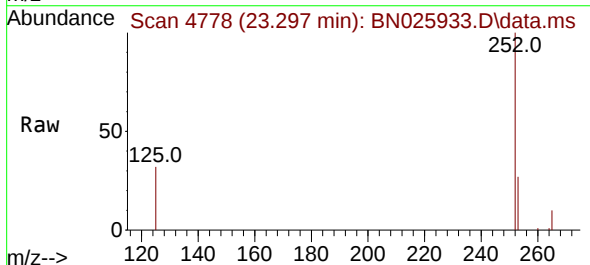
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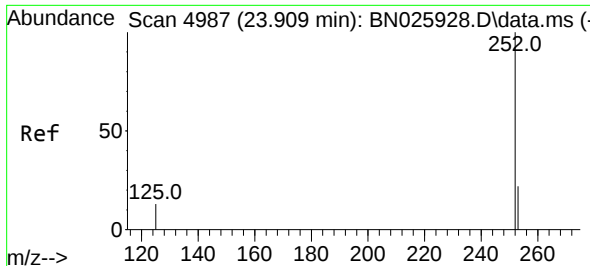
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#25
Benzo(k)fluoranthene
Concen: 1.049 ng/ul m
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

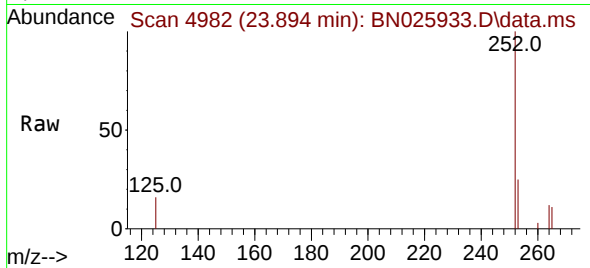
Tgt Ion:252 Resp: 69358
Ion Ratio Lower Upper
252 100
253 26.6 23.2 34.8
125 32.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 2.193 ng/ul
RT: 23.894 min Scan# 4987
Delta R.T. -0.015 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

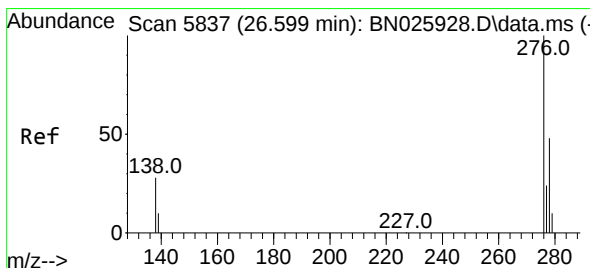
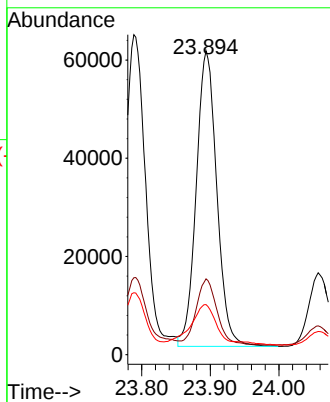
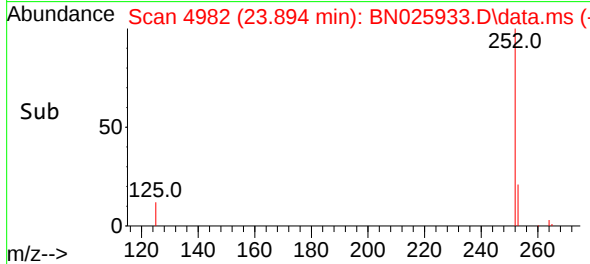
Instrument :
BNA_N
ClientSampleId :
DCFK5



Tgt Ion:252 Resp: 125395
Ion Ratio Lower Upper
252 100
253 25.0 26.0 39.0
125 16.5 17.3 25.9

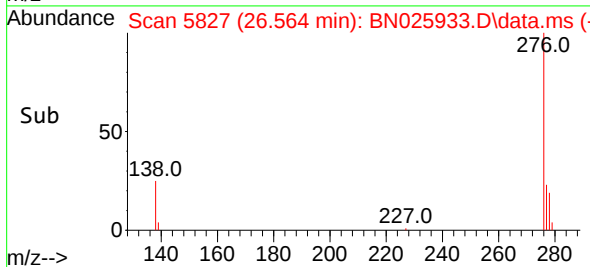
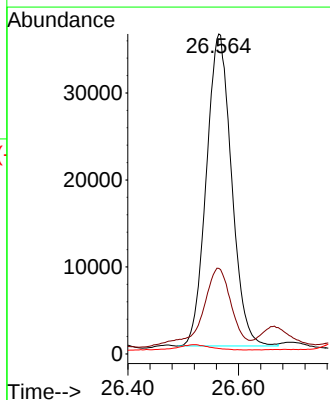
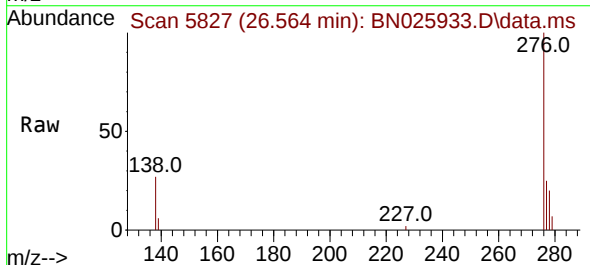
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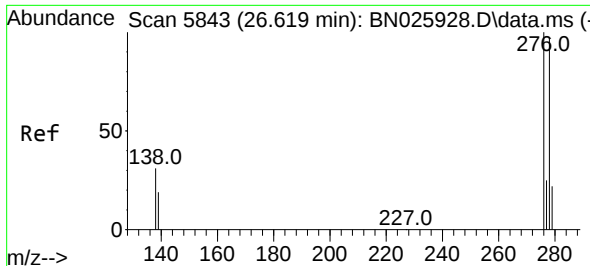
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.815 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.030 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

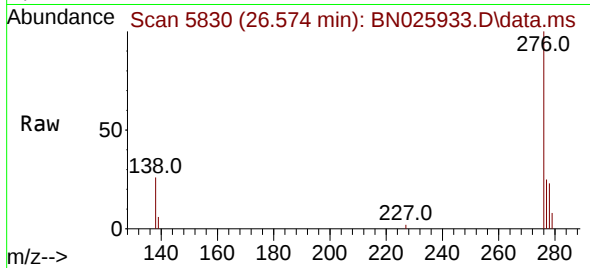
Tgt Ion:276 Resp: 113334
Ion Ratio Lower Upper
276 100
138 29.4 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.579 ng/ul
RT: 26.574 min Scan# 5843
Delta R.T. -0.047 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34

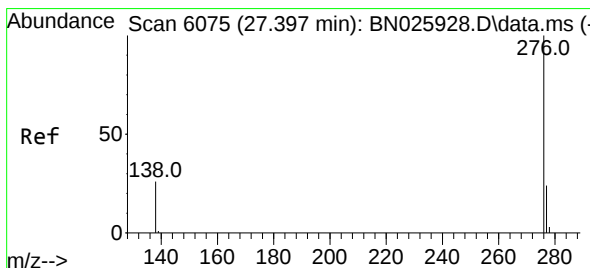
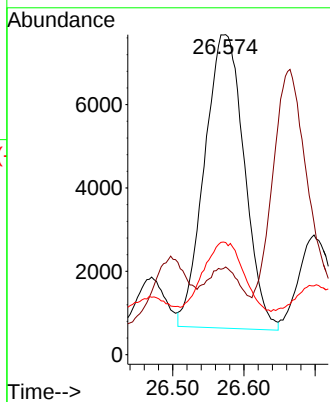
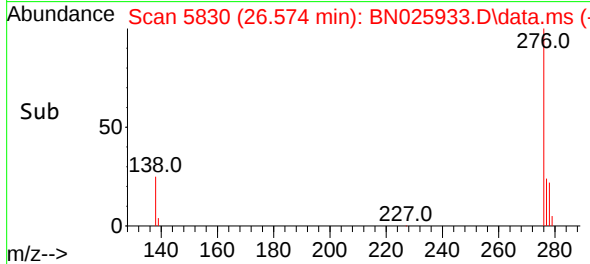
Instrument :
BNA_N
ClientSampleId :
DCFK5



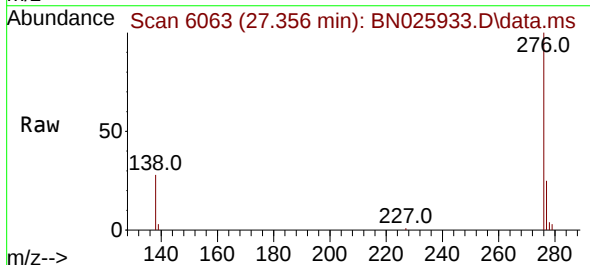
Tgt Ion:278 Resp: 2736
Ion Ratio Lower Upper
278 100
139 27.4 19.0 28.4
279 35.1 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 2.186 ng/ul
RT: 27.356 min Scan# 6063
Delta R.T. -0.030 min
Lab File: BN025933.D
Acq: 22 Jun 2023 12:34



Tgt Ion:276 Resp: 121465
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 24.7 20.0 30.0

