

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025995.D
 Acq On : 24 Jun 2023 08:22
 Operator : MA/JU
 Sample : 03085-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ0

Manual Integrations
 APPROVED

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

Quant Time: Jun 24 23:48:04 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	8883	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28091	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.612	164	17343	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	37201	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	20528	0.400	ng/ul	0.00
23) Perylene-d12	24.013	264	21257	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	30767	3.076	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	9860	0.228	ng/ul	-0.01
18) Fluoranthene-d10	19.386	212	22698	0.291	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	112638	1.399	ng/ul	99
7) 2-Methylnaphthalene	12.447	142	36607	0.714	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	16672	0.314	ng/ul	100
10) Acenaphthylene	14.334	152	148861	1.833	ng/ul	99
11) Acenaphthene	14.676	153	16866	0.254	ng/ul	98
12) Fluorene	15.662	166	20838	0.274	ng/ul#	98
15) Phenanthrene	17.402	178	448997	3.654	ng/ul	99
16) Anthracene	17.490	178	203477	1.863	ng/ul	99
19) Fluoranthene	19.414	202	1071797	9.775	ng/ul	98
20) Pyrene	19.776	202	870785m	7.636	ng/ul	
21) Benzo(a)anthracene	21.531	228	618829	7.307	ng/ul	97
22) Chrysene	21.581	228	832795	9.451	ng/ul	98
24) Benzo(b)fluoranthene	23.262	252	1632067m	17.988	ng/ul	
25) Benzo(k)fluoranthene	23.305	252	456583m	5.011	ng/ul	
26) Benzo(a)pyrene	23.908	252	947972	12.030	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.594	276	820326	9.531	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.601	278	204472	3.139	ng/ul	92
29) Benzo(g,h,i)perylene	27.409	276	817577	10.678	ng/ul	93

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

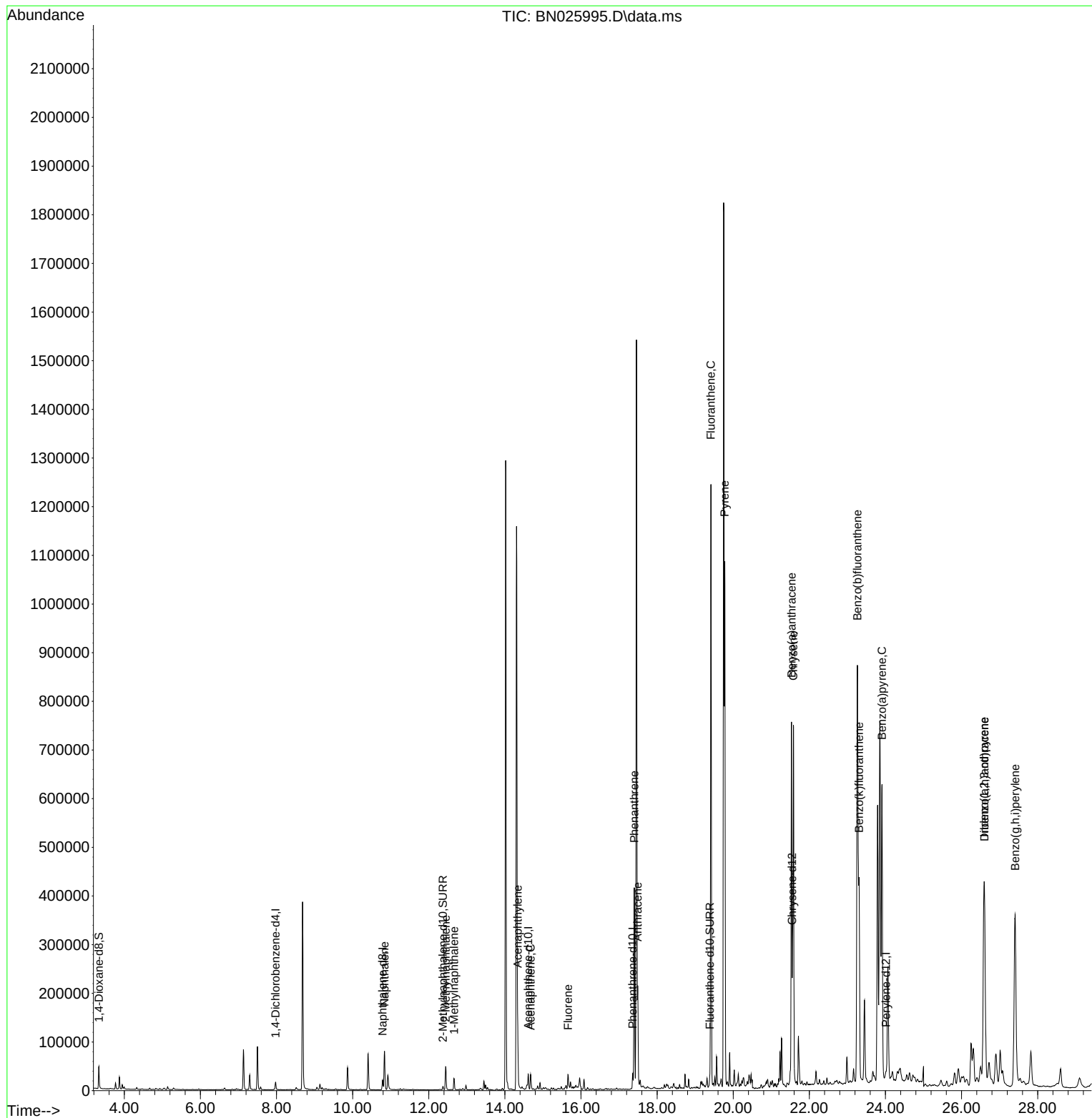
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025995.D
Acq On : 24 Jun 2023 08:22
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ALS Vial : 23 Sample Multiplier: 1

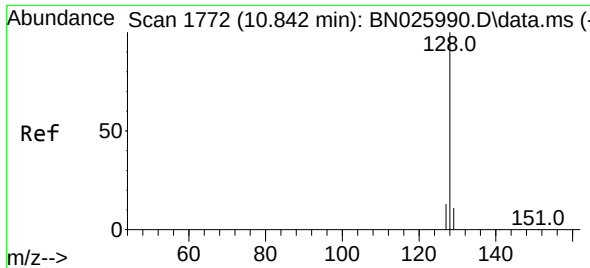
Instrument :
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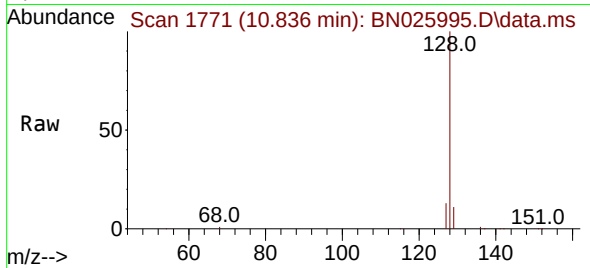
Quant Time: Jun 24 23:48:04 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 1.399 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

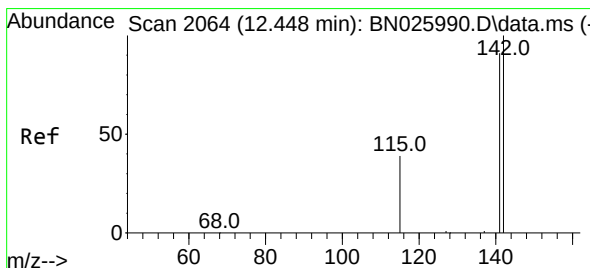
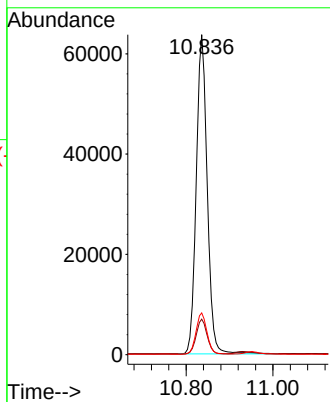
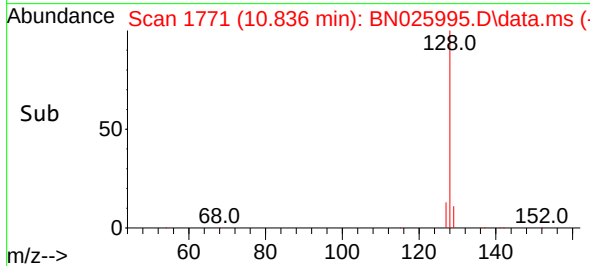
Instrument :
BNA_N
ClientSampleId :
DCFQ0



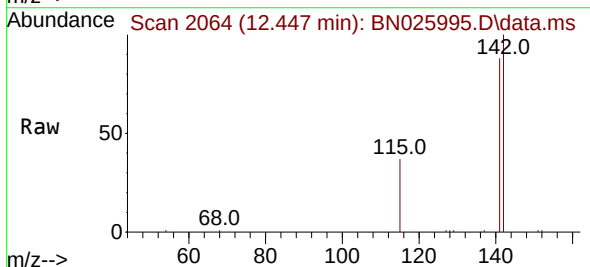
Tgt Ion:128 Resp: 112638
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.7 16.1

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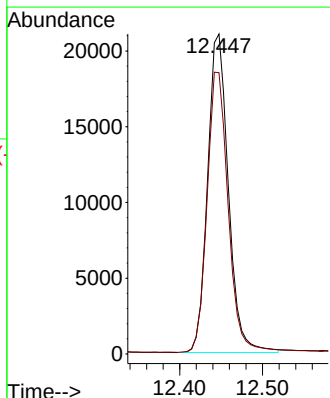
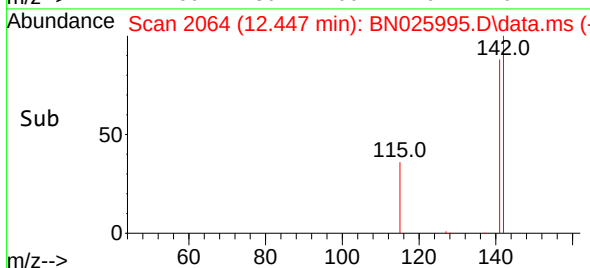
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023

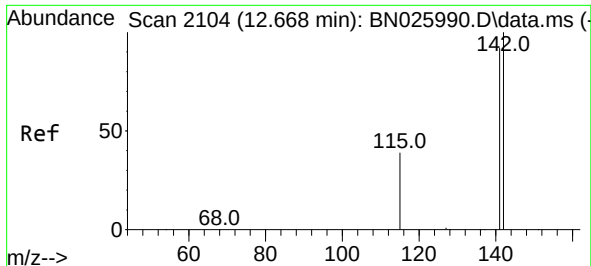


#7
2-Methylnaphthalene
Concen: 0.714 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22



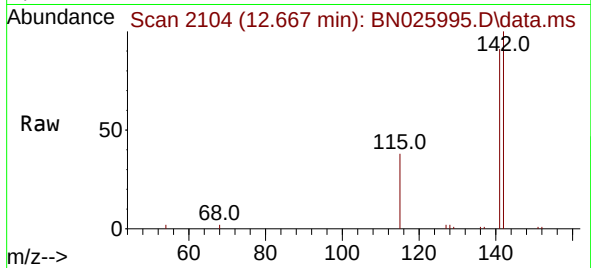
Tgt Ion:142 Resp: 36607
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.314 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

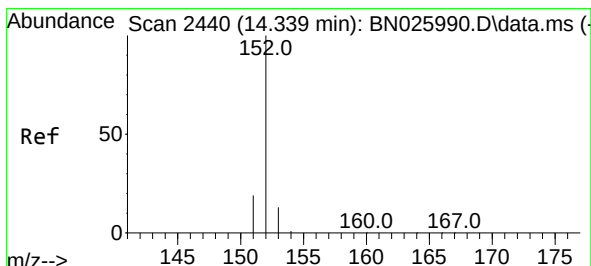
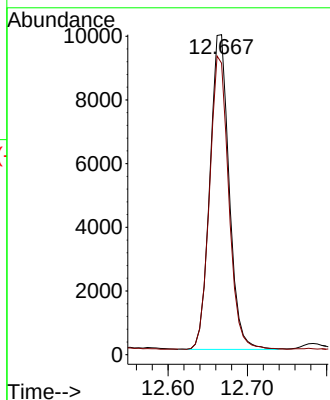
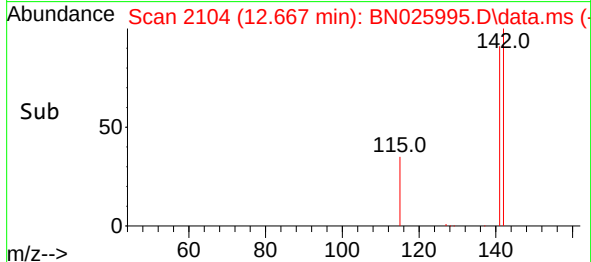
Instrument :
BNA_N
ClientSampleId :
DCFQ0



Tgt Ion:142 Resp: 16672
Ion Ratio Lower Upper
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141 92.9 74.2 111.4

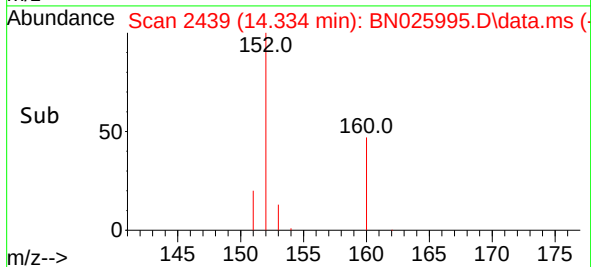
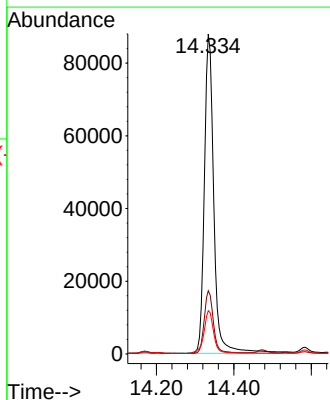
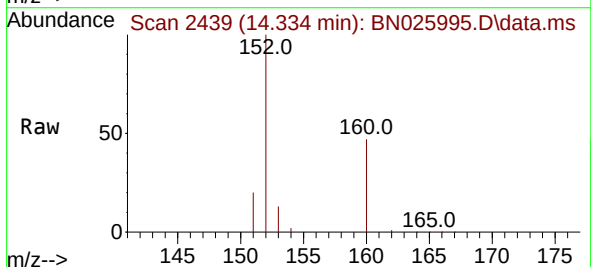
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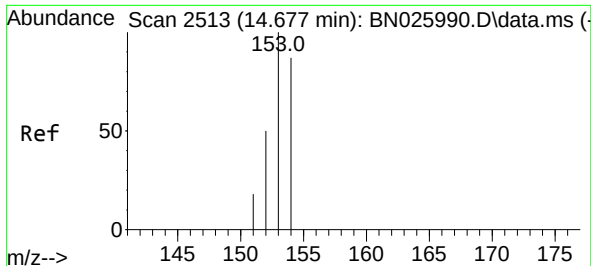
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 1.833 ng/ul
RT: 14.334 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

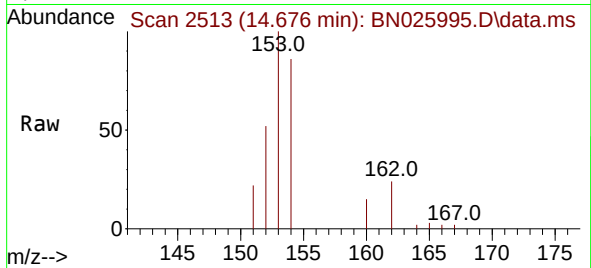
Tgt Ion:152 Resp: 148861
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.254 ng/ul
RT: 14.676 min Scan# 213
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

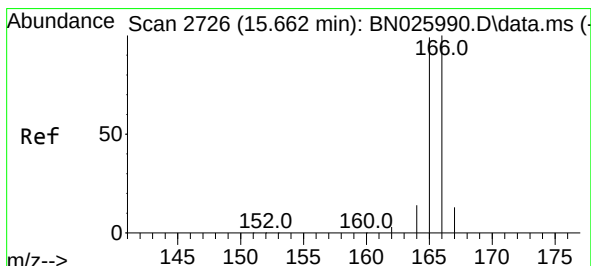
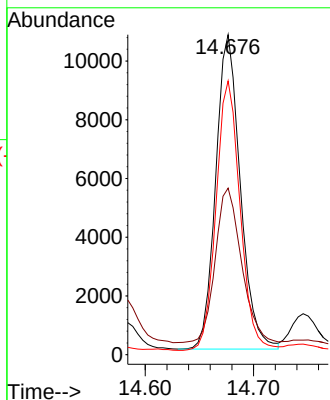
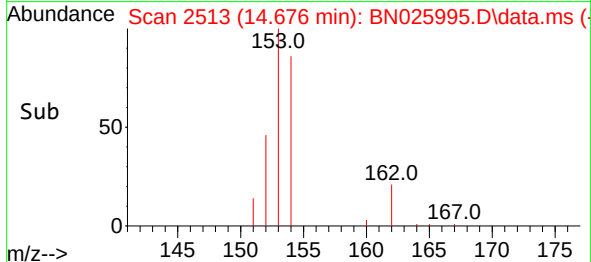
Instrument :
BNA_N
ClientSampleId :
DCFQ0



Tgt Ion:153 Resp: 1686
Ion Ratio Lower Upper
153 100
152 52.0 39.4 59.0
154 85.5 68.9 103.3

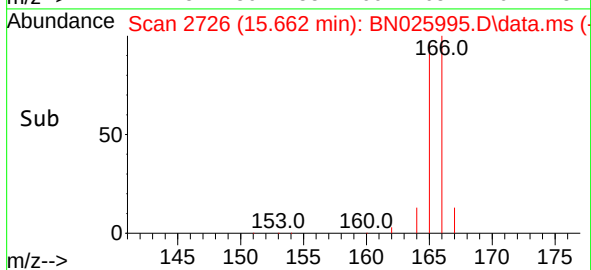
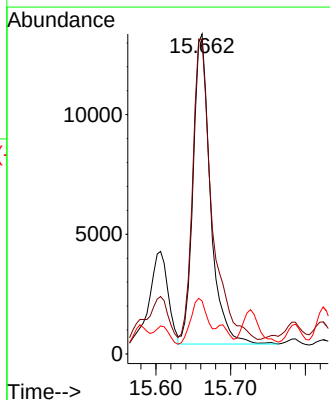
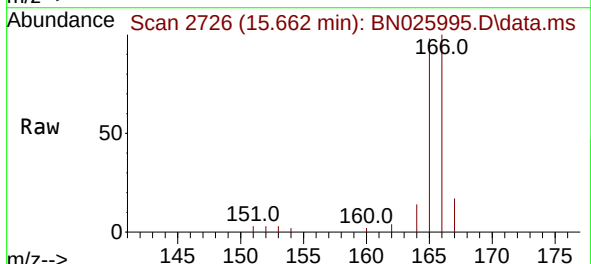
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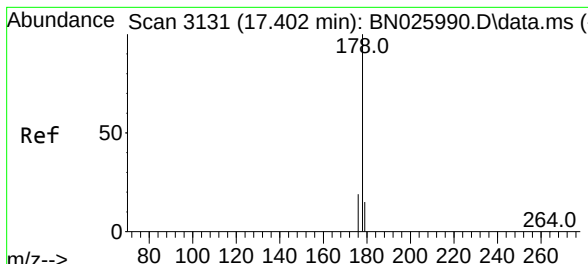
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.274 ng/ul
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

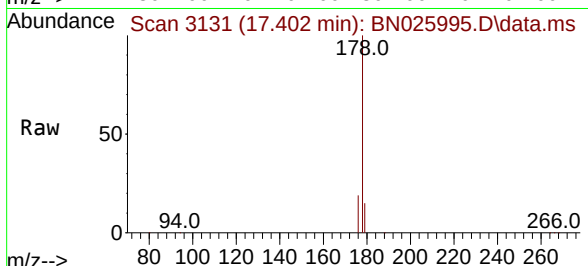
Tgt Ion:166 Resp: 20838
Ion Ratio Lower Upper
166 100
165 98.3 79.9 119.9
167 16.6 10.8 16.2#





#15
 Phenanthrene
 Concen: 3.654 ng/u1
 RT: 17.402 min Scan# 3131
 Delta R.T. -0.004 min
 Lab File: BN025995.D
 Acq: 24 Jun 2023 08:22

Instrument :
 BNA_N
 ClientSampleId :
 DCFQ0

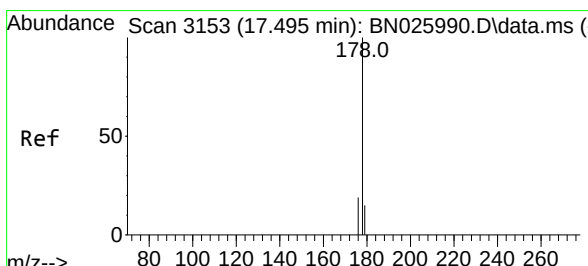
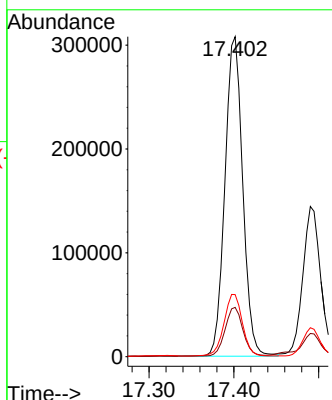
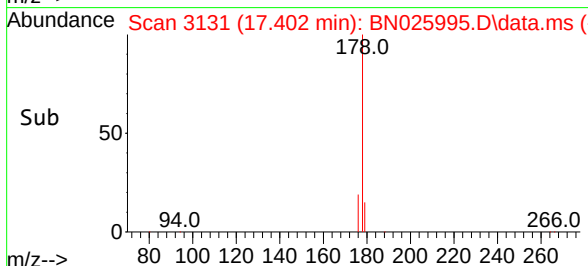


Tgt Ion:178 Resp: 448997

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.4	15.8	23.6

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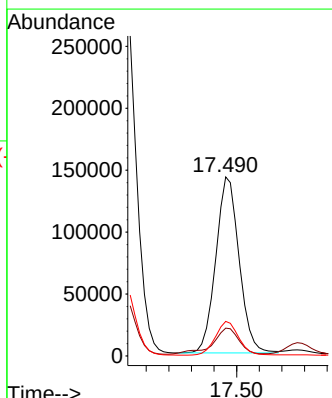
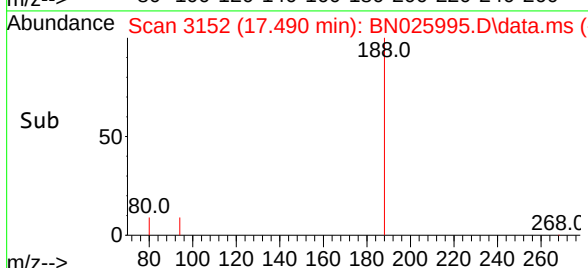
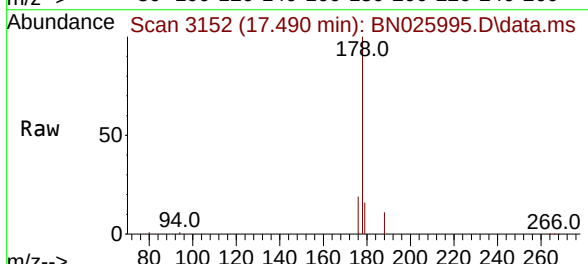
Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

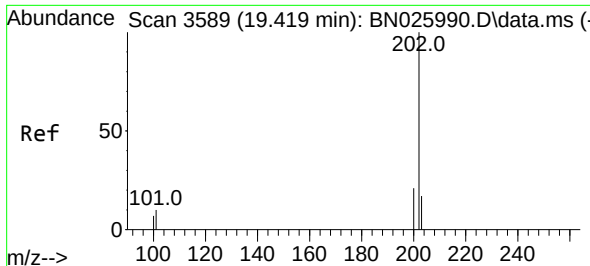


#16
 Anthracene
 Concen: 1.863 ng/u1
 RT: 17.490 min Scan# 3152
 Delta R.T. -0.009 min
 Lab File: BN025995.D
 Acq: 24 Jun 2023 08:22

Tgt Ion:178 Resp: 203477

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.3	15.1	22.7





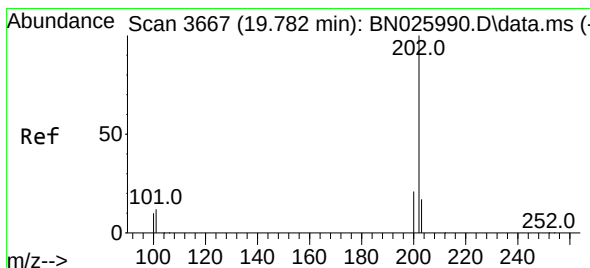
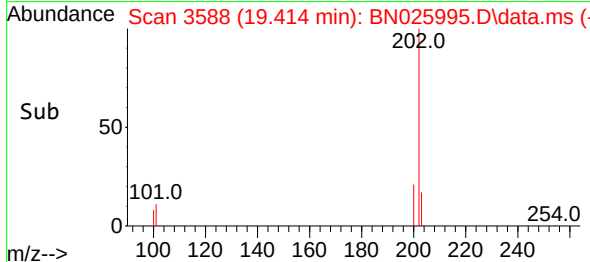
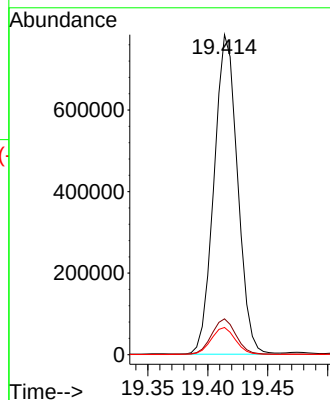
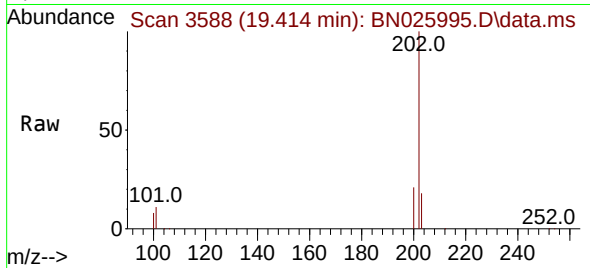
#19
Fluoranthene
Concen: 9.775 ng/ul
RT: 19.414 min Scan# 3588
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Instrument :
BNA_N
ClientSampleId :
DCFQ0

Tgt Ion:202 Resp: 107179
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.5 7.3 10.9

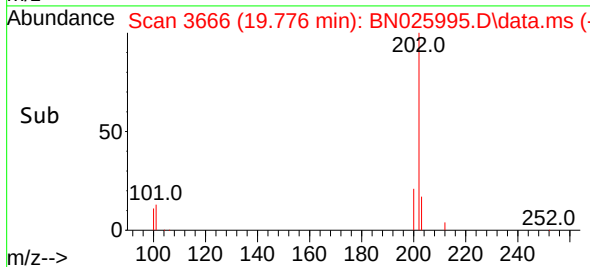
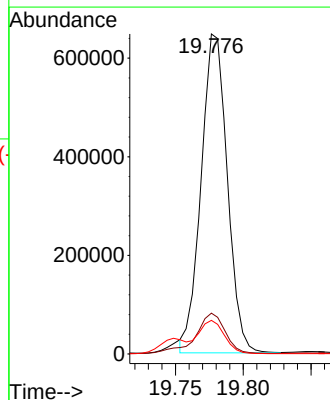
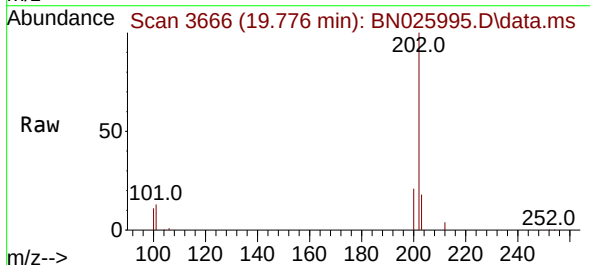
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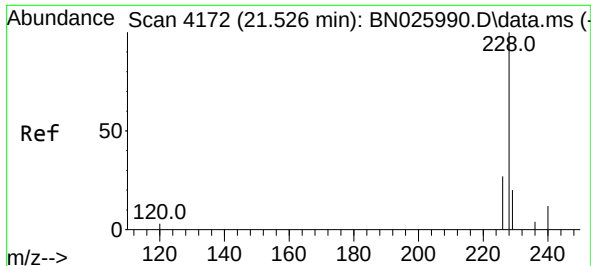
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 7.636 ng/ul m
RT: 19.776 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

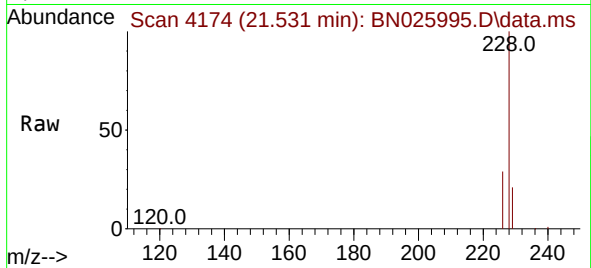
Tgt Ion:202 Resp: 870785
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 7.307 ng/ul
RT: 21.531 min Scan# 4172
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

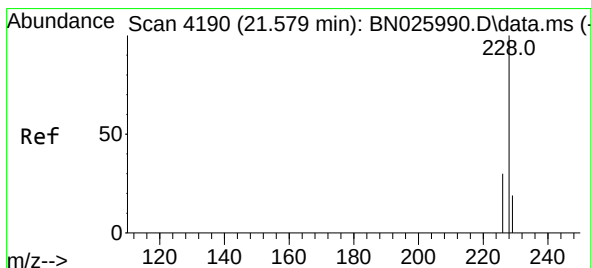
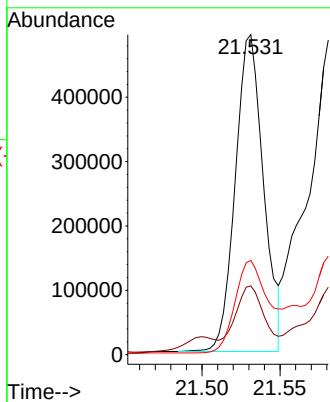
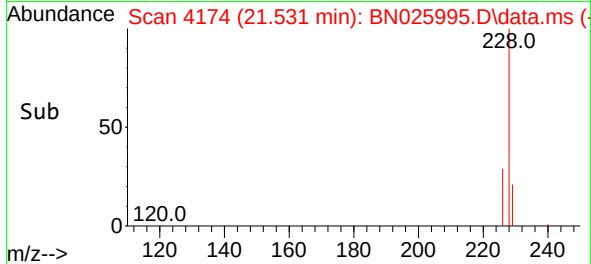
Instrument :
BNA_N
ClientSampleId :
DCFQ0



Tgt Ion:228 Resp: 618829
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.4 22.5 33.7

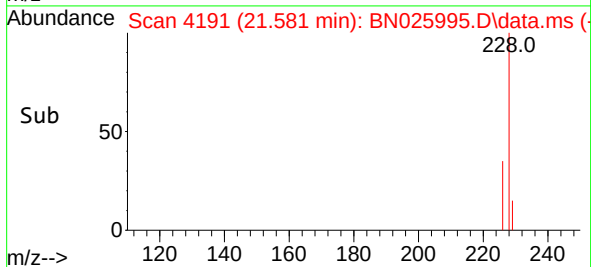
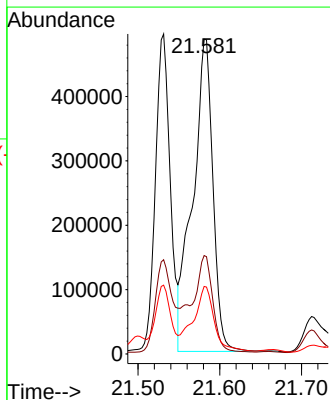
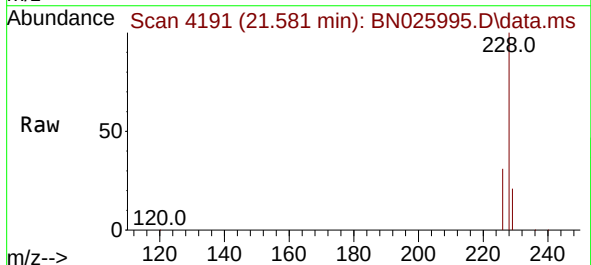
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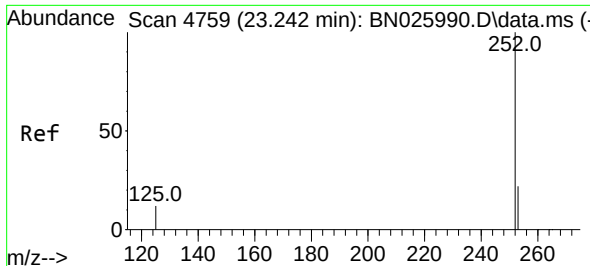
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 9.451 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

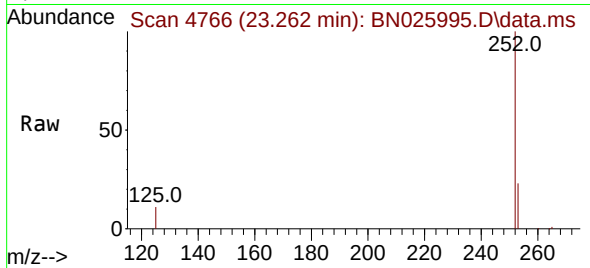
Tgt Ion:228 Resp: 832795
Ion Ratio Lower Upper
228 100
226 31.3 24.8 37.2
229 21.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 17.988 ng/ul m
RT: 23.262 min Scan# 4766
Delta R.T. 0.005 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

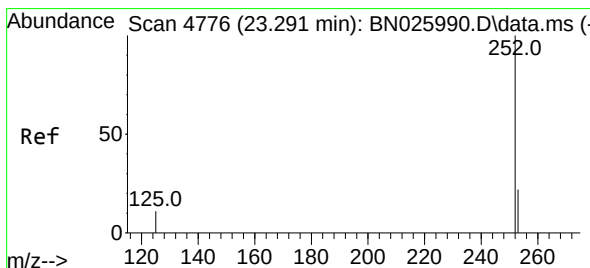
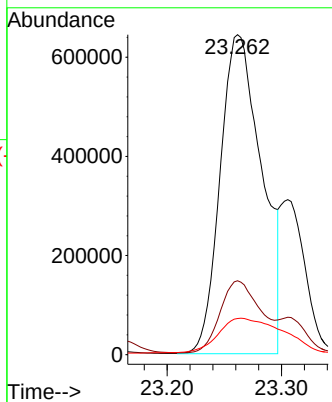
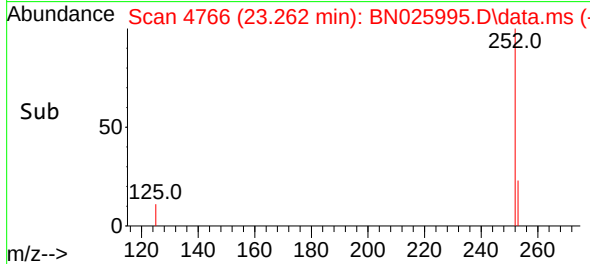
Instrument :
BNA_N
ClientSampleId :
DCFQ0



Tgt Ion:252 Resp: 163206
Ion Ratio Lower Upper
252 100
253 23.1 0.0 55.6
125 11.3 0.0 35.8

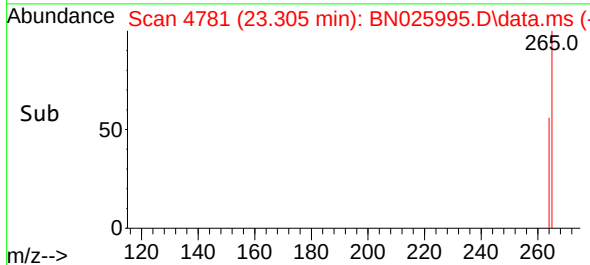
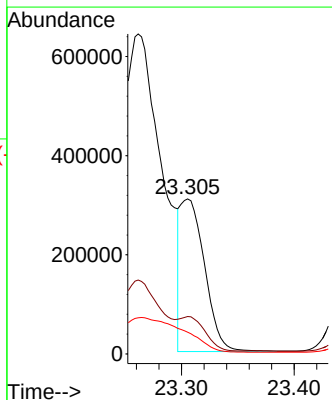
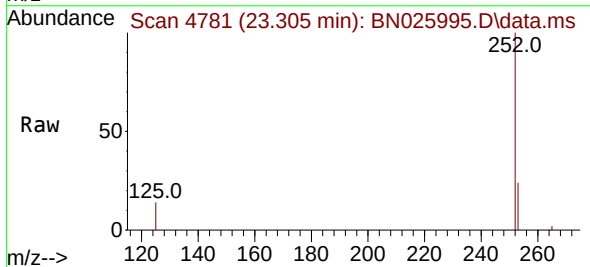
Manual Integrations
APPROVED

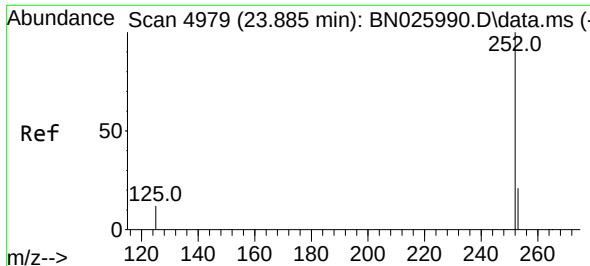
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 5.011 ng/ul m
RT: 23.305 min Scan# 4781
Delta R.T. -0.004 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

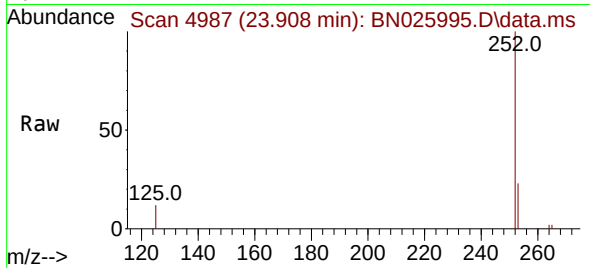
Tgt Ion:252 Resp: 456583
Ion Ratio Lower Upper
252 100
253 24.2 23.2 34.8
125 14.1 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 12.030 ng/ul
RT: 23.908 min Scan# 4979
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

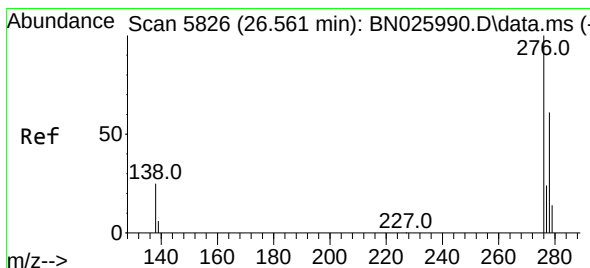
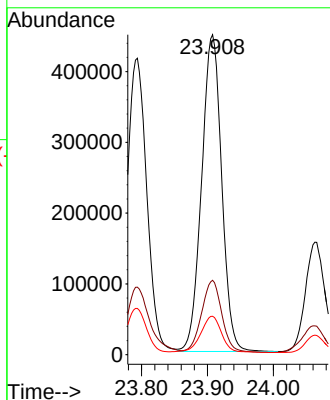
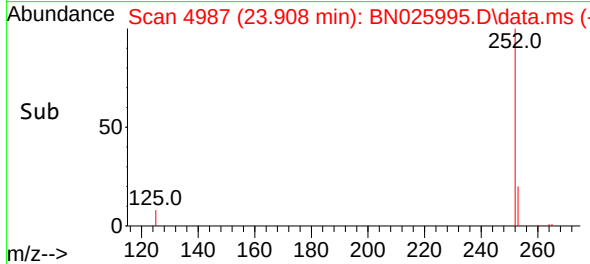
Instrument :
BNA_N
ClientSampleId :
DCFQ0



Tgt Ion:252 Resp: 947972
Ion Ratio Lower Upper
252 100
253 23.2 26.0 39.0
125 12.0 17.3 25.9

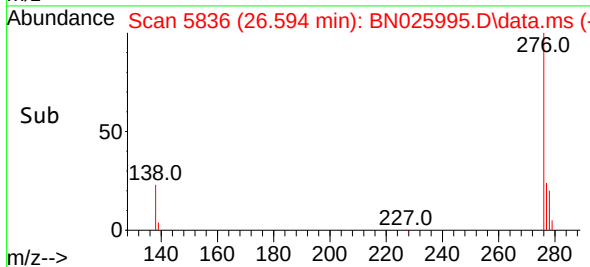
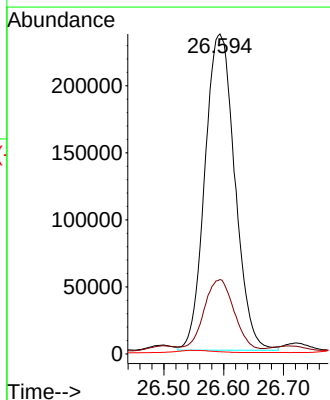
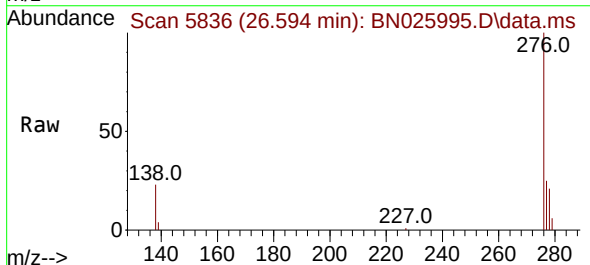
Manual Integrations
APPROVED

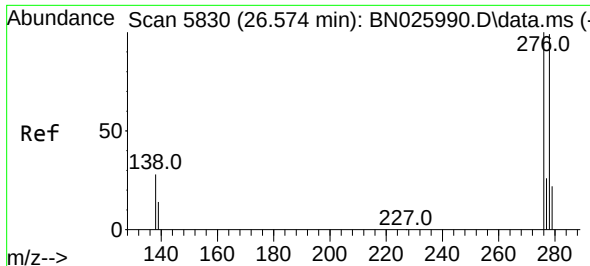
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 9.531 ng/ul
RT: 26.594 min Scan# 5836
Delta R.T. -0.001 min
Lab File: BN025995.D
Acq: 24 Jun 2023 08:22

Tgt Ion:276 Resp: 820326
Ion Ratio Lower Upper
276 100
138 22.8 24.5 36.7
227 0.0 0.0 0.0





#28

Dibenzo(a,h)anthracene

Concen: 3.139 ng/ul

RT: 26.601 min Scan# 5838

Delta R.T. -0.021 min

Lab File: BN025995.D

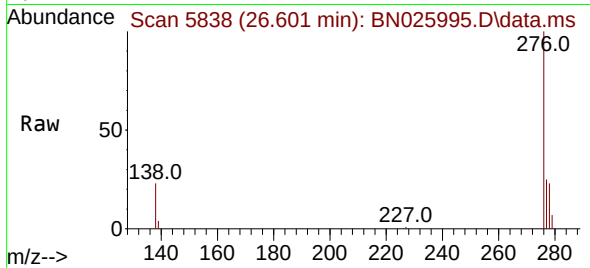
Acq: 24 Jun 2023 08:22

Instrument :

BNA_N

ClientSampleId :

DCFQ0



Tgt Ion:278 Resp: 204472

Ion Ratio Lower Upper

278 100

139 19.4 19.0 28.4

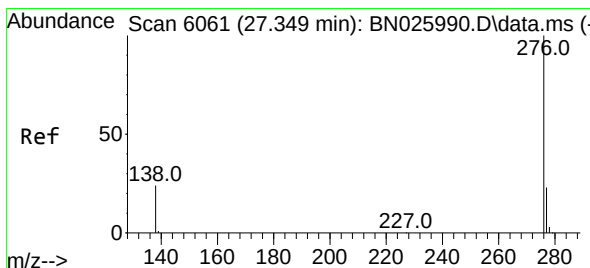
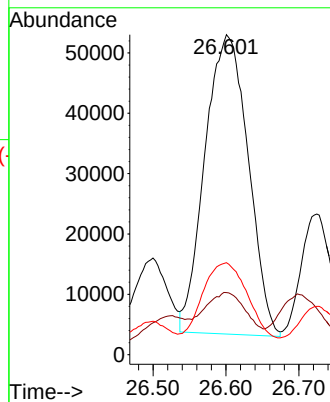
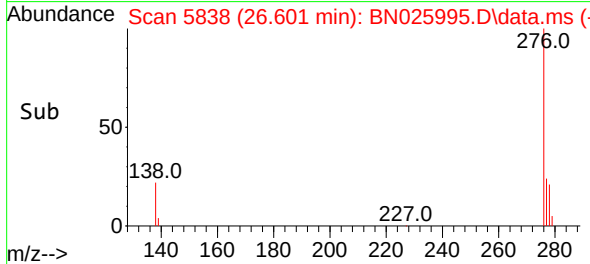
279 28.8 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/25/2023

Supervised By :mohammad ahmed 06/25/2023



#29

Benzo(g,h,i)perylene

Concen: 10.678 ng/ul

RT: 27.409 min Scan# 6079

Delta R.T. 0.023 min

Lab File: BN025995.D

Acq: 24 Jun 2023 08:22

Tgt Ion:276 Resp: 817577

Ion Ratio Lower Upper

276 100

138 23.5 23.4 35.0

277 24.1 20.0 30.0

