

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026108.D
 Acq On : 29 Jun 2023 23:23
 Operator : MA/JU
 Sample : 03143-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:46:23 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8161	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.776	136	26558	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	16024	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	31629	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	16681	0.400	ng/ul	-0.01
23) Perylene-d12	23.991	264	16466	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	17468	1.901	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5213	0.128	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	9251	0.146	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	17098	0.225	ng/ul	98
7) 2-Methylnaphthalene	12.436	142	18388	0.379	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	14232	0.283	ng/ul	99
10) Acenaphthylene	14.326	152	36219	0.483	ng/ul	99
11) Acenaphthene	14.668	153	3379	0.055	ng/ul#	93
12) Fluorene	15.654	166	3949	0.056	ng/ul#	92
14) Pentachlorophenol	17.006	266	420	0.037	ng/ul	94
15) Phenanthrene	17.390	178	138424	1.325	ng/ul	99
16) Anthracene	17.483	178	26229	0.282	ng/ul	98
19) Fluoranthene	19.406	202	428131	4.805	ng/ul	99
20) Pyrene	19.769	202	365029	3.939	ng/ul	97
21) Benzo(a)anthracene	21.515	228	183559	2.667	ng/ul	97
22) Chrysene	21.568	228	227121	3.172	ng/ul	98
24) Benzo(b)fluoranthene	23.240	252	320900m	4.566	ng/ul	
25) Benzo(k)fluoranthene	23.281	252	109676m	1.554	ng/ul	
26) Benzo(a)pyrene	23.886	252	177702	2.911	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.572	276	166470	2.497	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.582	278	38575	0.764	ng/ul	98
29) Benzo(g,h,i)perylene	27.380	276	161208	2.718	ng/ul	95

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

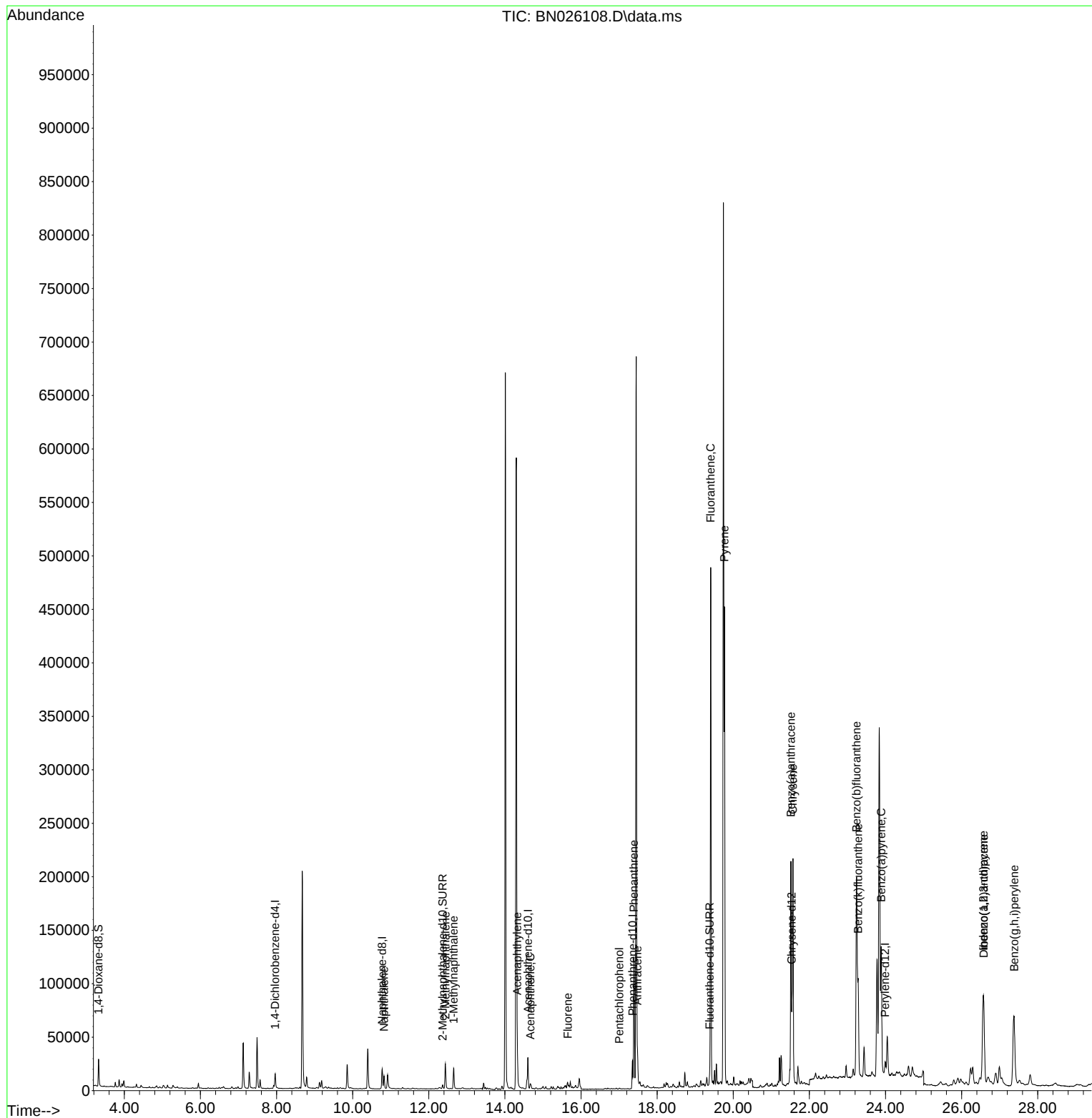
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026108.D
Acq On : 29 Jun 2023 23:23
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ALS Vial : 28 Sample Multiplier: 1

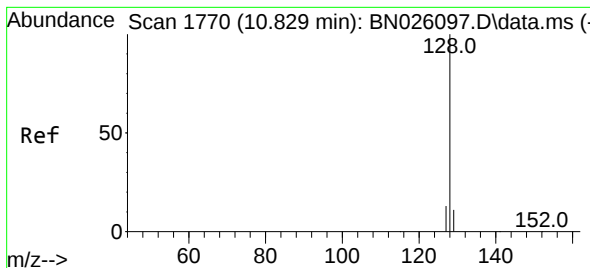
Instrument :
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DCFV8

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Supervised By :mohammad ahmed 06/30/2023

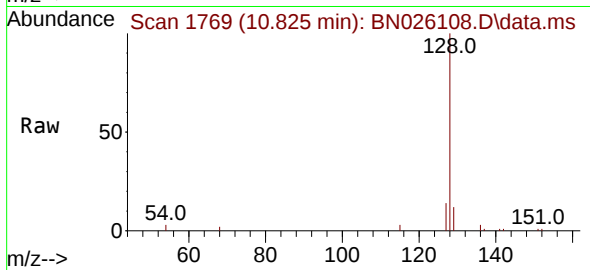
Quant Time: Jun 30 00:46:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.225 ng/ul
RT: 10.825 min Scan# 1770
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

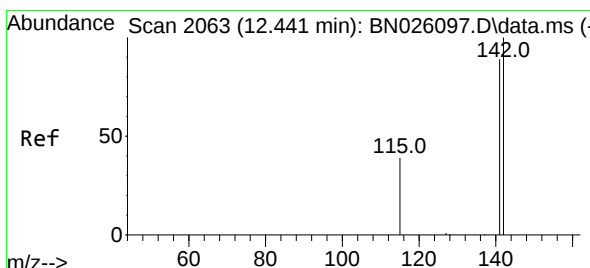
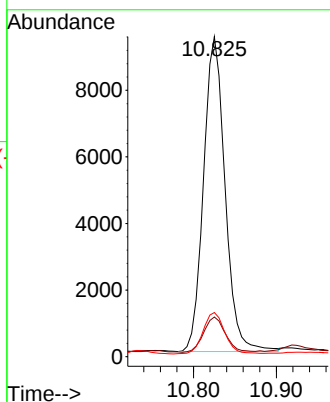
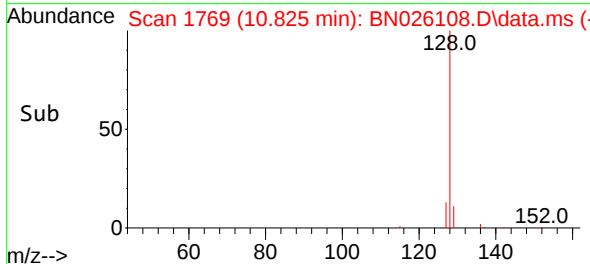
Instrument :
BNA_N
ClientSampleId :
DCFV8



Tgt Ion:128 Resp: 17098
Ion Ratio Lower Upper
128 100
129 12.4 9.1 13.7
127 13.8 10.7 16.1

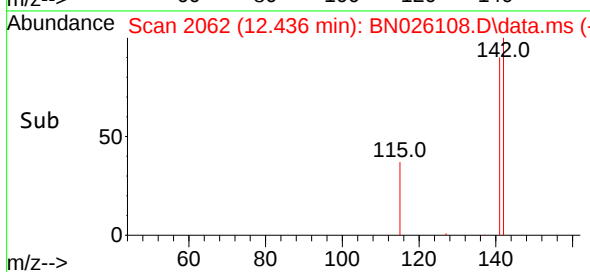
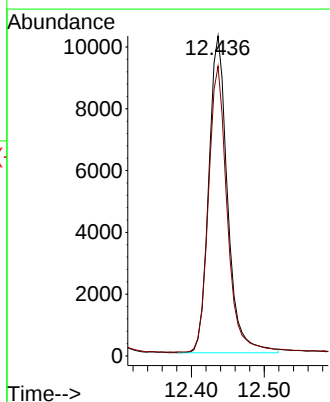
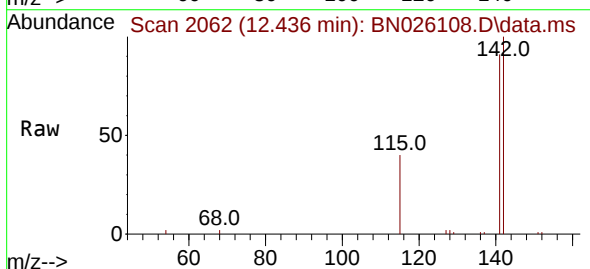
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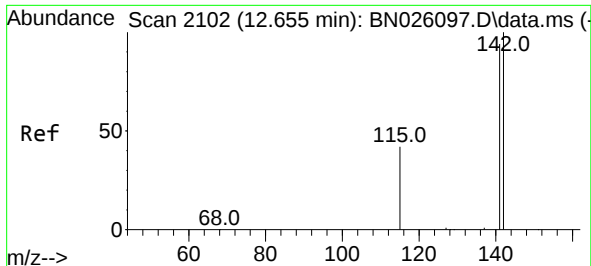
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

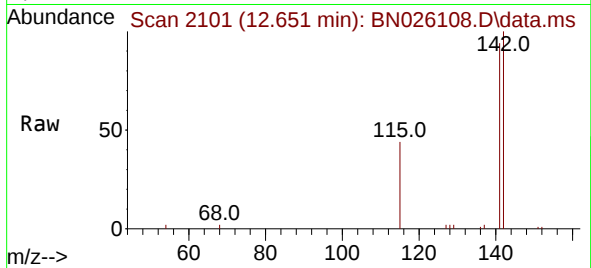
Tgt Ion:142 Resp: 18388
Ion Ratio Lower Upper
142 100
141 89.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.283 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

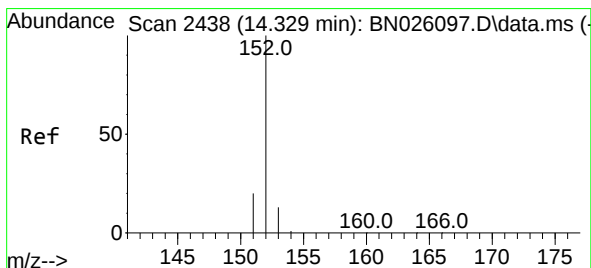
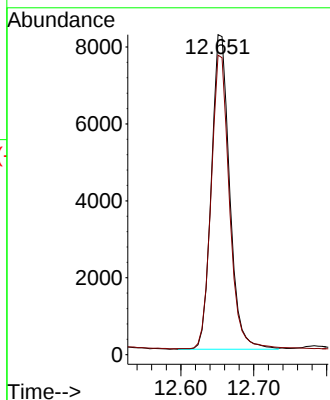
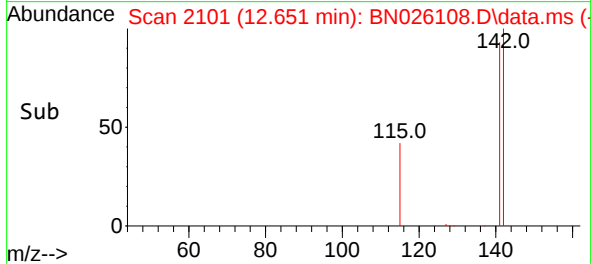
Instrument :
BNA_N
ClientSampleId :
DCFV8



Tgt Ion:142 Resp: 1423
Ion Ratio Lower Upper
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141 93.4 74.2 111.4

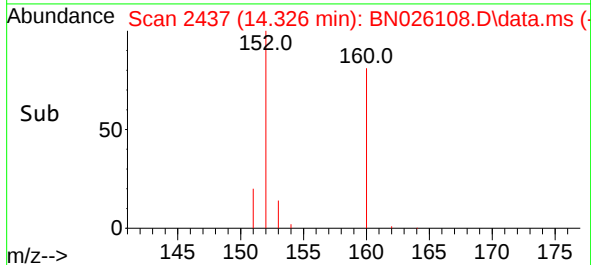
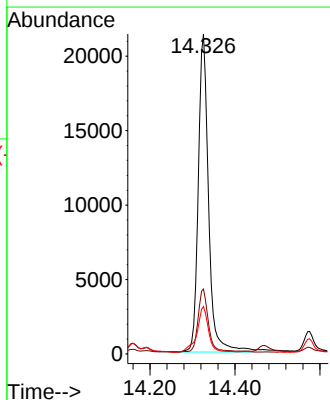
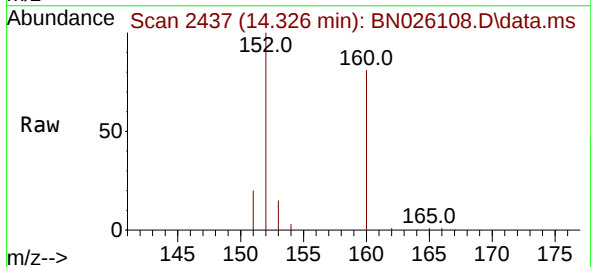
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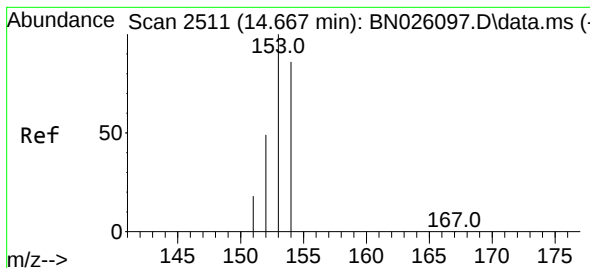
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.483 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

Tgt Ion:152 Resp: 36219
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 14.8 10.9 16.3





#11

Acenaphthene

Concen: 0.055 ng/u1

RT: 14.668 min Scan# 2511

Delta R.T. -0.004 min

Lab File: BN026108.D

Acq: 29 Jun 2023 23:23

Instrument :

BNA_N

ClientSampleId :

DCFV8

Tgt Ion:153 Resp: 3379

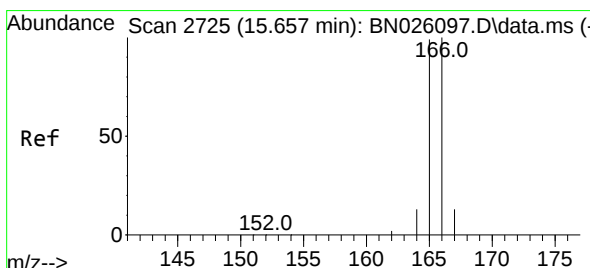
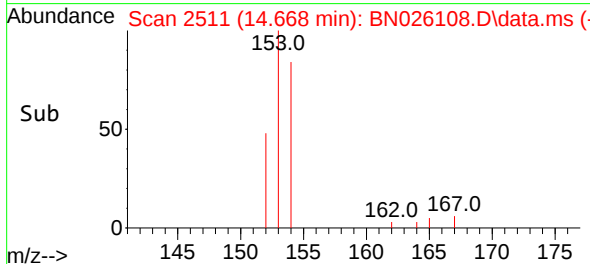
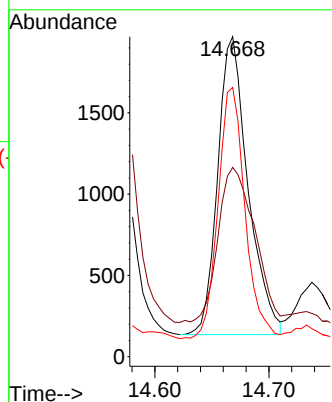
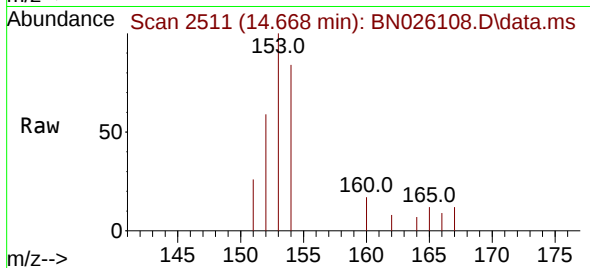
Ion	Ratio	Lower	Upper
153	100		
152	59.2	39.4	59.0
154	84.2	68.9	103.3

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#12

Fluorene

Concen: 0.056 ng/u1

RT: 15.654 min Scan# 2724

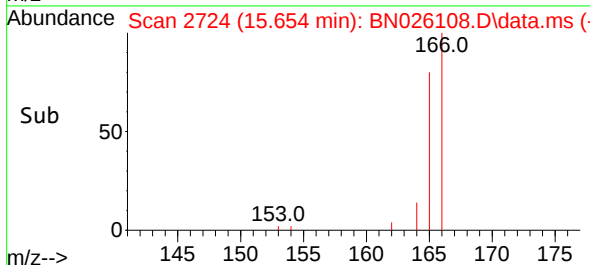
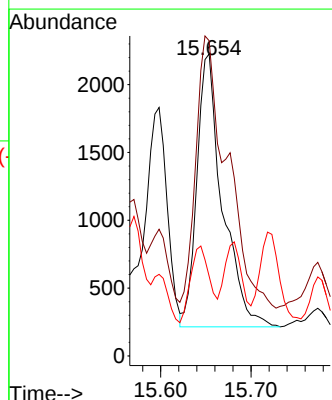
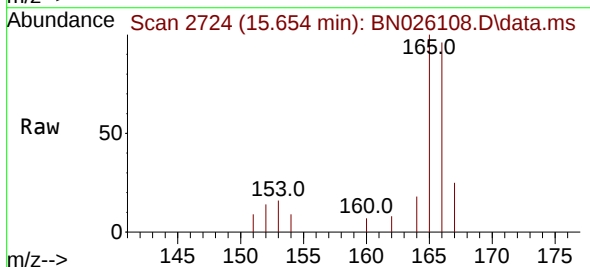
Delta R.T. -0.008 min

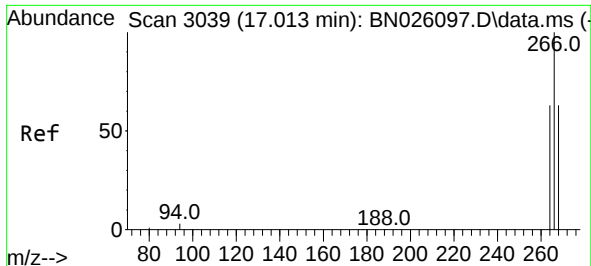
Lab File: BN026108.D

Acq: 29 Jun 2023 23:23

Tgt Ion:166 Resp: 3949

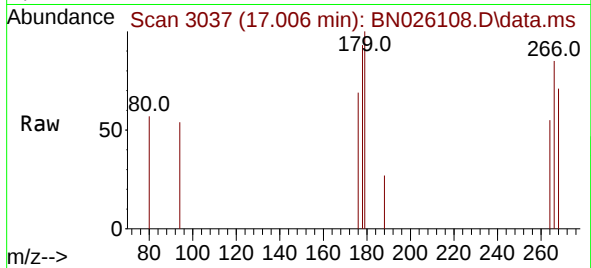
Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.9	119.9
167	26.4	10.8	16.2





#14
 Pentachlorophenol
 Concen: 0.037 ng/ul
 RT: 17.006 min Scan# 3037
 Delta R.T. -0.012 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23

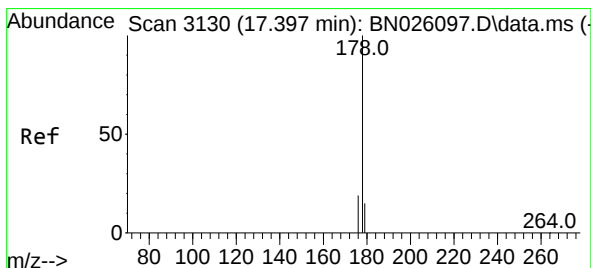
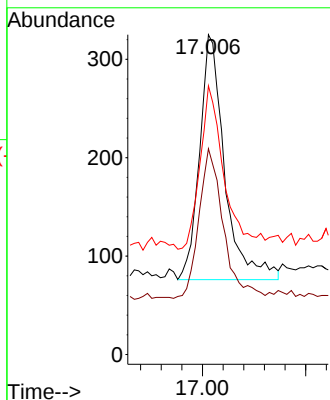
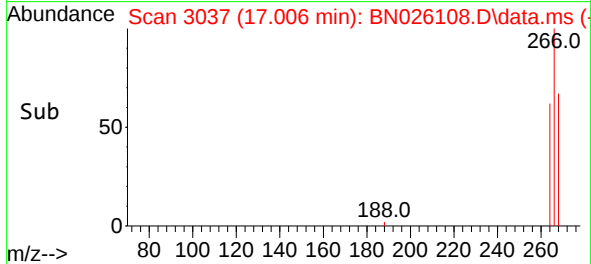
Instrument :
 BNA_N
 ClientSampleId :
 DCFV8



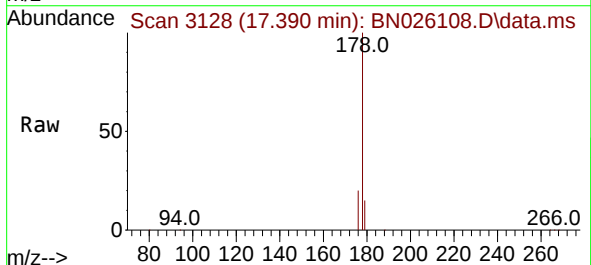
Tgt Ion:266 Resp: 420
 Ion Ratio Lower Upper
 266 100
 264 59.3 50.5 75.7
 268 69.5 51.6 77.4

Manual Integrations
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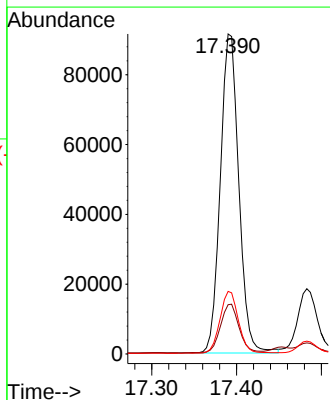
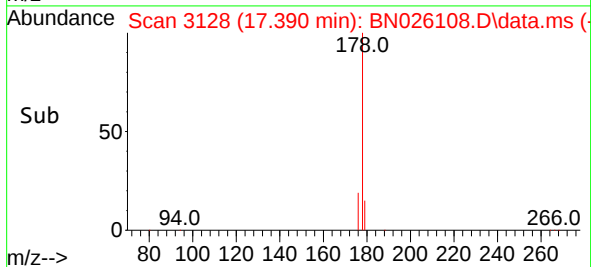
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

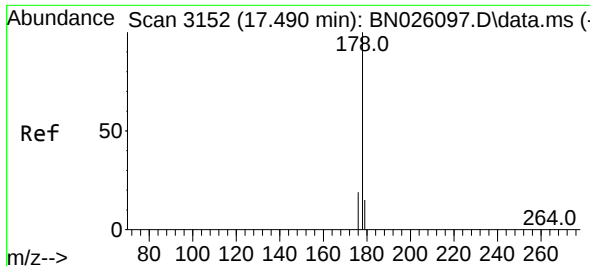


#15
 Phenanthrene
 Concen: 1.325 ng/ul
 RT: 17.390 min Scan# 3128
 Delta R.T. -0.012 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23



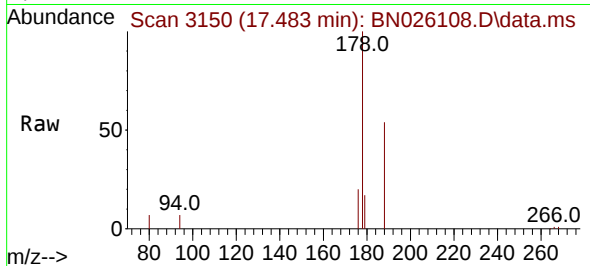
Tgt Ion:178 Resp: 138424
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.6 19.0
 176 19.6 15.8 23.6





#16
 Anthracene
 Concen: 0.282 ng/ul
 RT: 17.483 min Scan# 3152
 Delta R.T. -0.012 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23

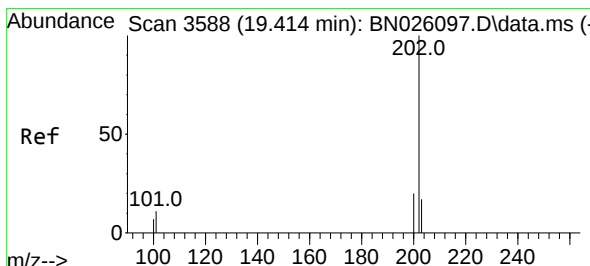
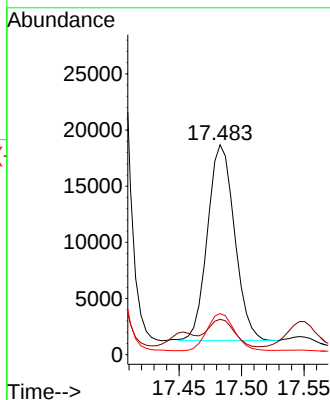
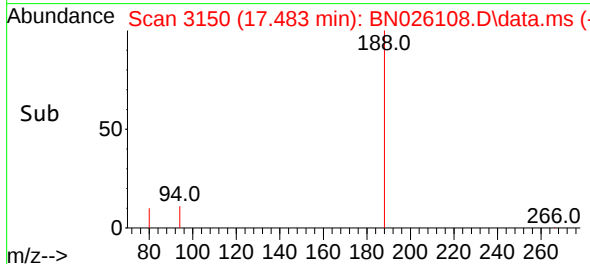
Instrument :
 BNA_N
 ClientSampleId :
 DCFV8



Tgt Ion:178 Resp: 26229
 Ion Ratio Lower Upper
 178 100
 179 16.9 12.6 18.8
 176 19.6 15.1 22.7

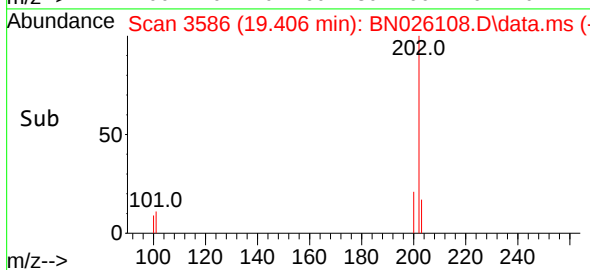
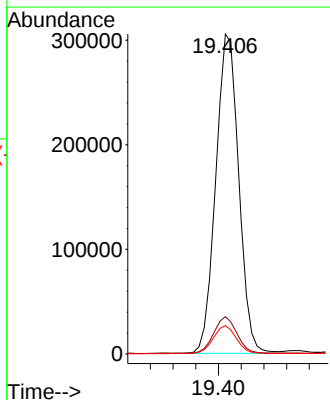
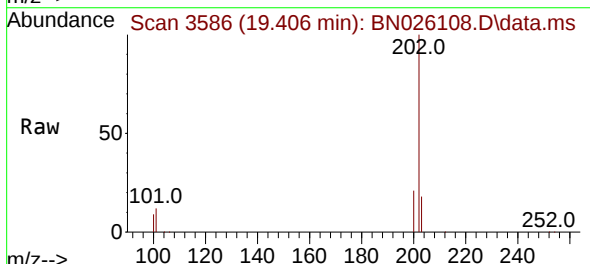
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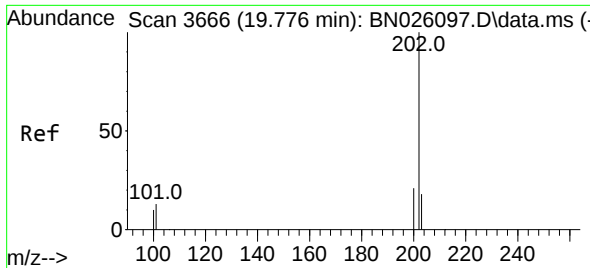
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 4.805 ng/ul
 RT: 19.406 min Scan# 3586
 Delta R.T. -0.008 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23

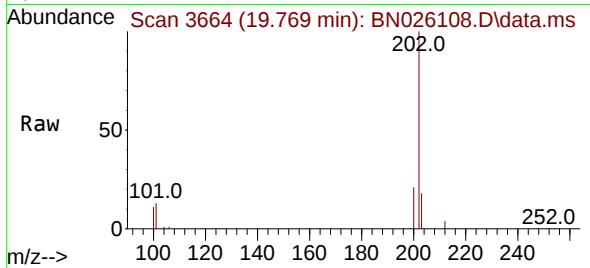
Tgt Ion:202 Resp: 428131
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.5 14.3
 100 8.9 7.3 10.9





#20
Pyrene
Concen: 3.939 ng/ul
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

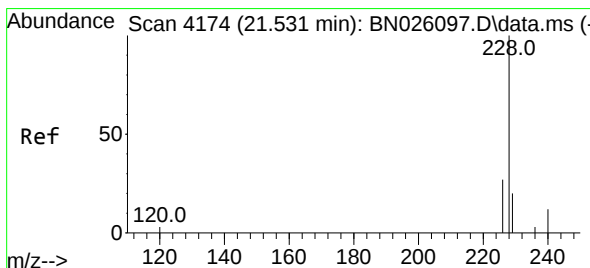
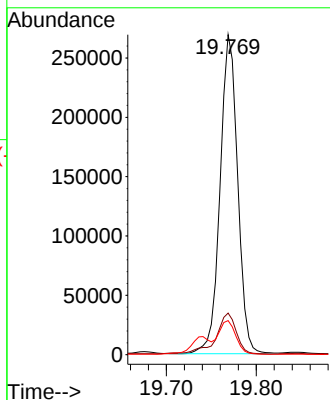
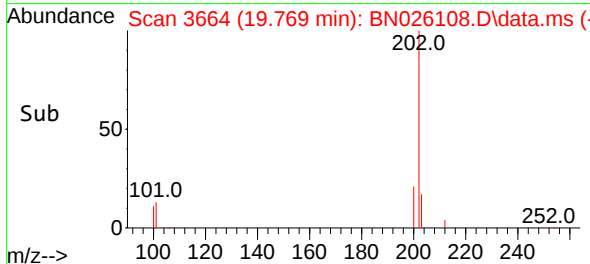
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BNA_N
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DCFV8



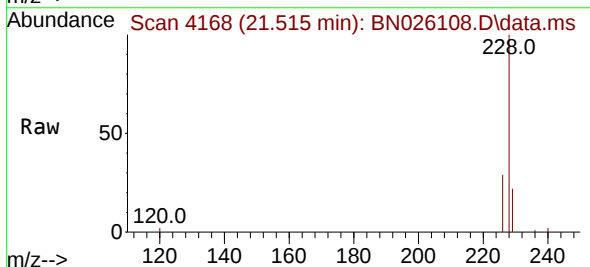
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Ion Ratio Lower Upper
202 100
101 13.0 11.4 17.0
100 10.6 9.1 13.7

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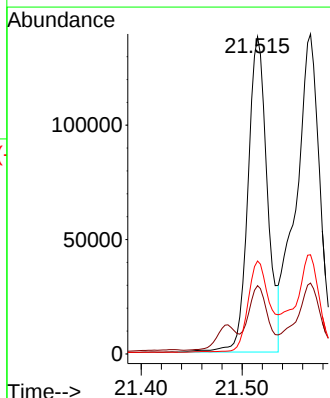
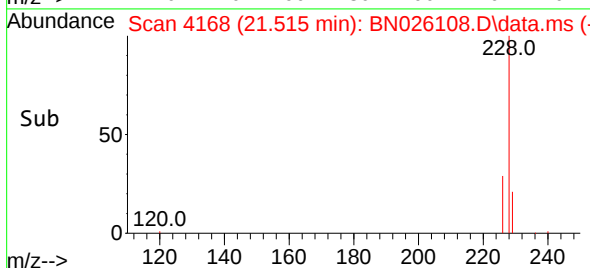
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

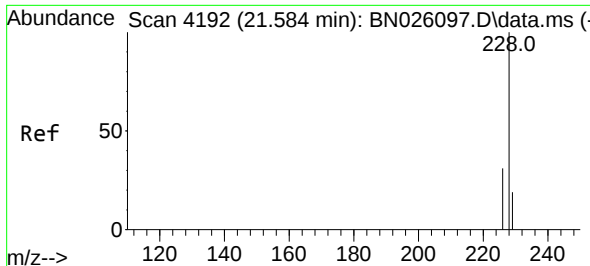


#21
Benzo(a)anthracene
Concen: 2.667 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. -0.014 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23



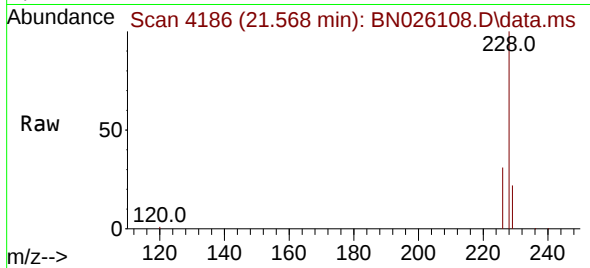
Tgt Ion:228 Resp: 183559
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 29.3 22.5 33.7





#22
Chrysene
Concen: 3.172 ng/ul
RT: 21.568 min Scan# 4192
Delta R.T. -0.011 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

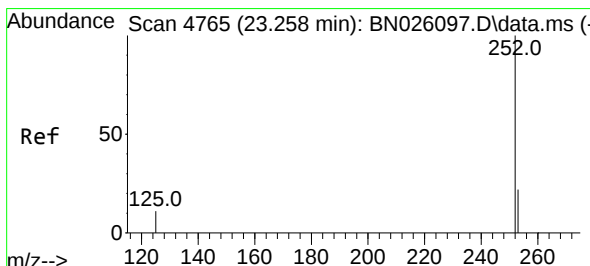
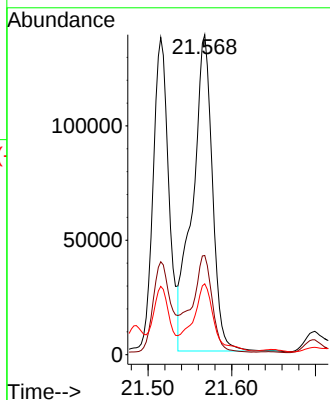
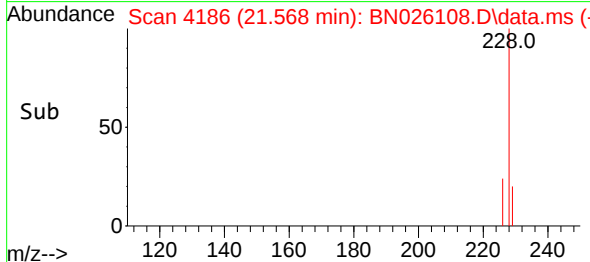
Instrument :
BNA_N
ClientSampleId :
DCFV8



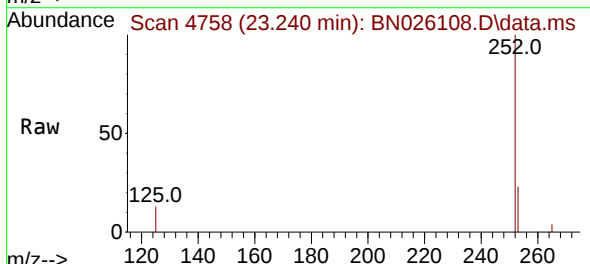
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Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.2 15.7 23.5

Manual Integrations
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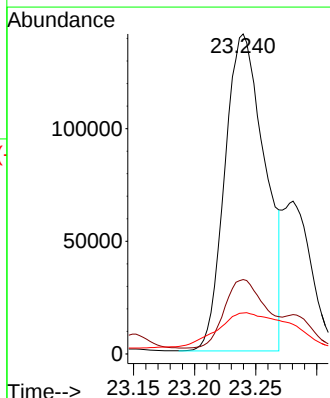
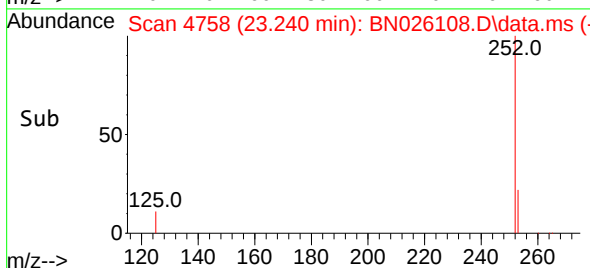
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

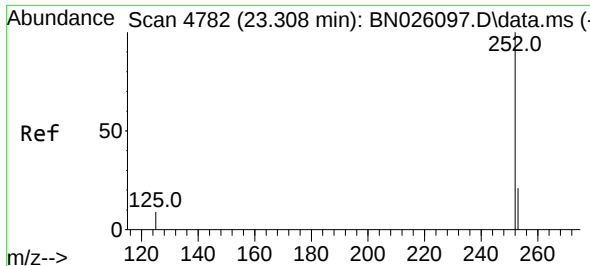


#24
Benzo(b)fluoranthene
Concen: 4.566 ng/ul m
RT: 23.240 min Scan# 4758
Delta R.T. -0.014 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23



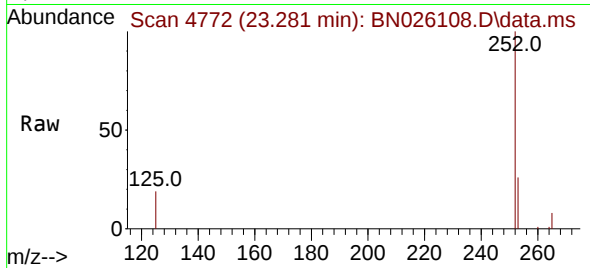
Tgt Ion:252 Resp: 320900
Ion Ratio Lower Upper
252 100
253 23.2 0.0 55.6
125 12.8 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 1.554 ng/ul m
RT: 23.281 min Scan# 4782
Delta R.T. -0.022 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

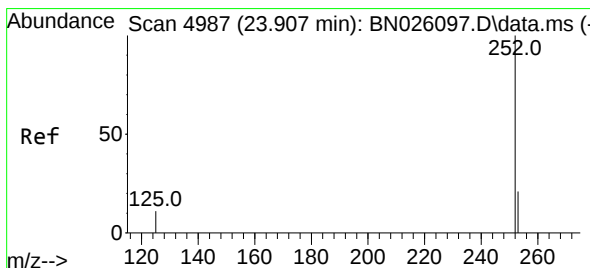
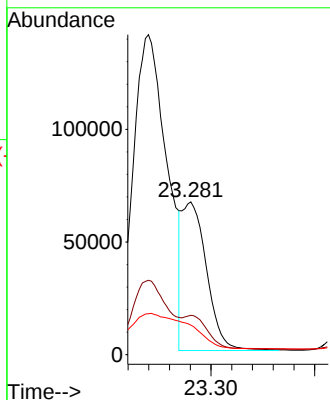
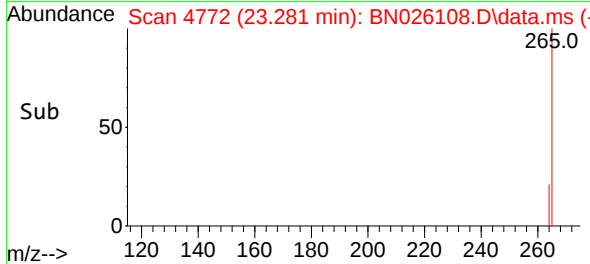
Instrument :
BNA_N
ClientSampleId :
DCFV8



Tgt Ion:252 Resp: 109670
Ion Ratio Lower Upper
252 100
253 25.8 23.2 34.8
125 19.4 15.0 22.4

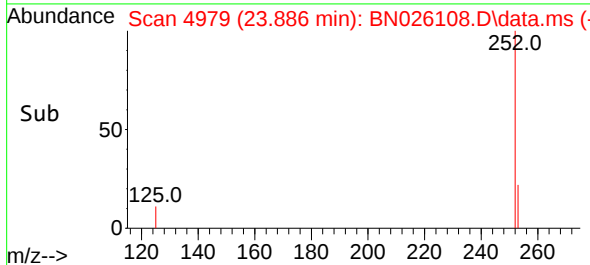
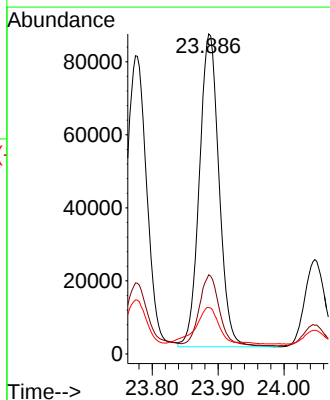
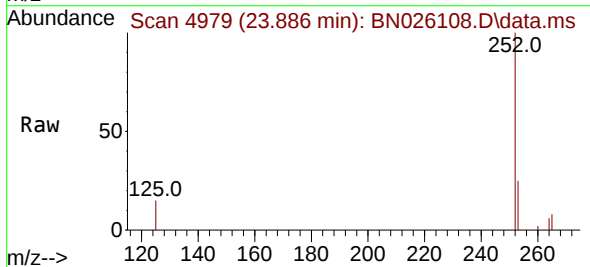
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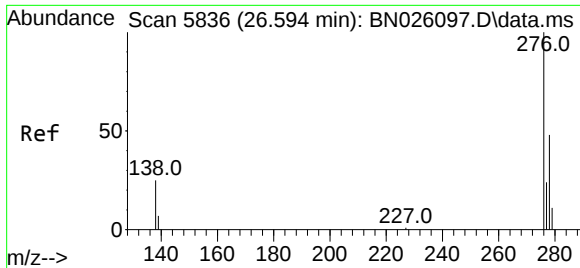
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
Benzo(a)pyrene
Concen: 2.911 ng/ul
RT: 23.886 min Scan# 4979
Delta R.T. -0.019 min
Lab File: BN026108.D
Acq: 29 Jun 2023 23:23

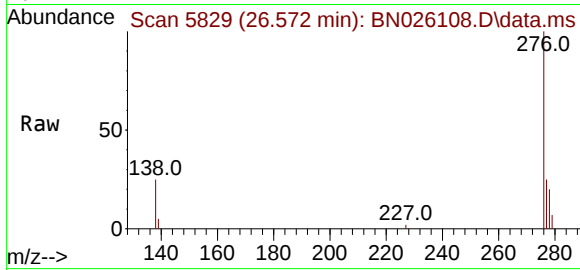
Tgt Ion:252 Resp: 177702
Ion Ratio Lower Upper
252 100
253 24.7 26.0 39.0#
125 14.5 17.3 25.9#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.497 ng/ul
 RT: 26.572 min Scan# 5829
 Delta R.T. -0.022 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23

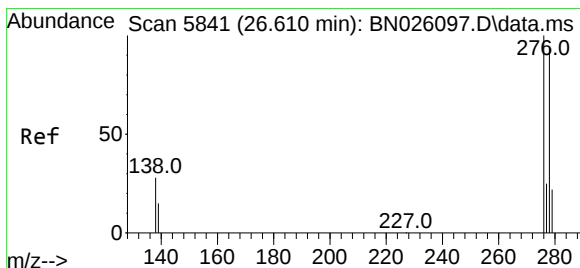
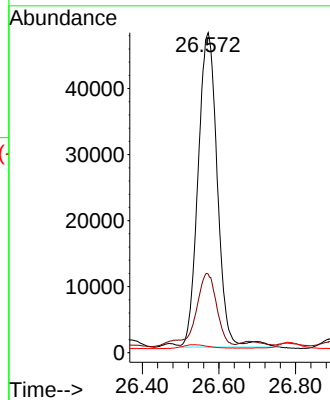
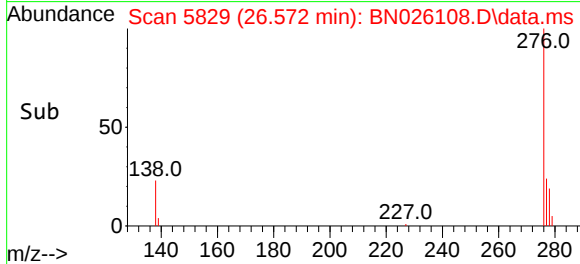
Instrument :
 BNA_N
 ClientSampleId :
 DCFV8



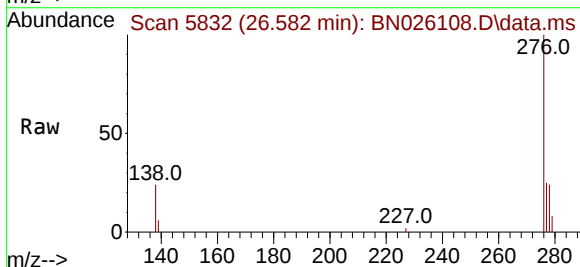
Tgt Ion:276 Resp: 166470
 Ion Ratio Lower Upper
 276 100
 138 25.6 24.5 36.7
 227 0.0 0.0 0.0

Manual Integrations
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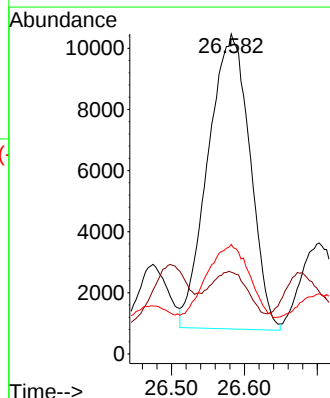
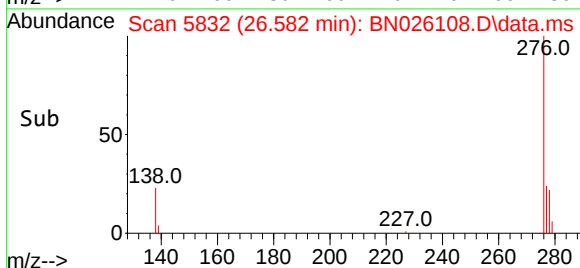
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

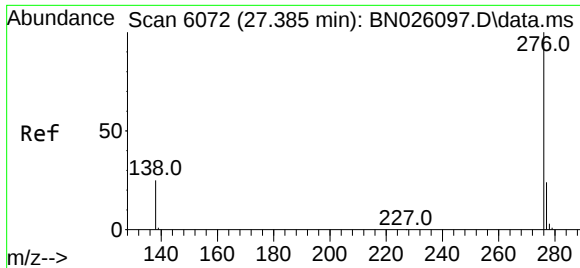


#28
 Dibenzo(a,h)anthracene
 Concen: 0.764 ng/ul
 RT: 26.582 min Scan# 5832
 Delta R.T. -0.033 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23



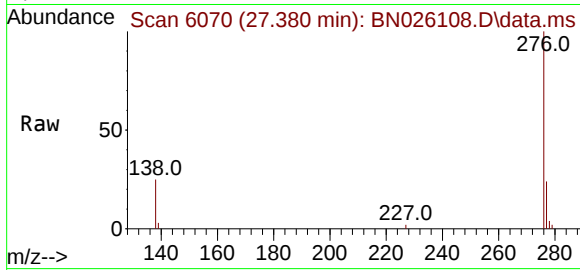
Tgt Ion:278 Resp: 38575
 Ion Ratio Lower Upper
 278 100
 139 25.5 19.0 28.4
 279 34.2 26.7 40.1





#29
 Benzo(g,h,i)perylene
 Concen: 2.718 ng/ul
 RT: 27.380 min Scan# 6070
 Delta R.T. -0.006 min
 Lab File: BN026108.D
 Acq: 29 Jun 2023 23:23

Instrument :
 BNA_N
 ClientSampleId :
 DCFV8



Tgt Ion: 276 Resp: 161208
 Ion Ratio Lower Upper
 276 100
 138 24.6 23.4 35.0
 277 24.3 20.0 30.0

Manual Integrations
 APPROVED

Reviewed By : Yogesh Patel 06/30/2023
 Supervised By : mohammad ahmed 06/30/2023

