

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
 Data File : BN026555.D
 Acq On : 18 Jul 2023 02:26
 Operator : MA/JU
 Sample : 03458-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46M8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 18 04:24:19 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 17 17:14:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	3670	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	11481	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	7493	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	21808	0.400	ng/ul	0.00
17) Chrysene-d12	21.509	240	13037	0.400	ng/ul	#-0.01
23) Perylene-d12	23.923	264	11872	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	10744	2.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1948	0.125	ng/ul	-0.01
18) Fluoranthene-d10	19.350	212	5584	0.124	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.792	128	28874	0.916	ng/ul	98
7) 2-Methylnaphthalene	12.409	142	7401	0.414	ng/ul	99
8) 1-Methylnaphthalene	12.629	142	6104	0.319	ng/ul	99
10) Acenaphthylene	14.298	152	6563	0.179	ng/ul#	92
11) Acenaphthene	14.640	153	22984	0.822	ng/ul	99
12) Fluorene	15.626	166	27321	0.932	ng/ul	98
15) Phenanthrene	17.360	178	332354	4.785	ng/ul	97
16) Anthracene	17.453	178	61728	1.024	ng/ul	96
19) Fluoranthene	19.378	202	322946	5.285	ng/ul#	96
20) Pyrene	19.740	202	275276	4.148	ng/ul	98
21) Benzo(a)anthracene	21.491	228	128216	2.676	ng/ul	98
22) Chrysene	21.547	228	125100	2.294	ng/ul	100
24) Benzo(b)fluoranthene	23.190	252	109359m	2.364	ng/ul	
25) Benzo(k)fluoranthene	23.228	252	44477m	0.917	ng/ul	
26) Benzo(a)pyrene	23.809	252	33546	0.815	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.431	276	30206	0.560	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.441	278	12813	0.309	ng/ul	97
29) Benzo(g,h,i)perylene	27.215	276	1931	0.041	ng/ul#	56

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

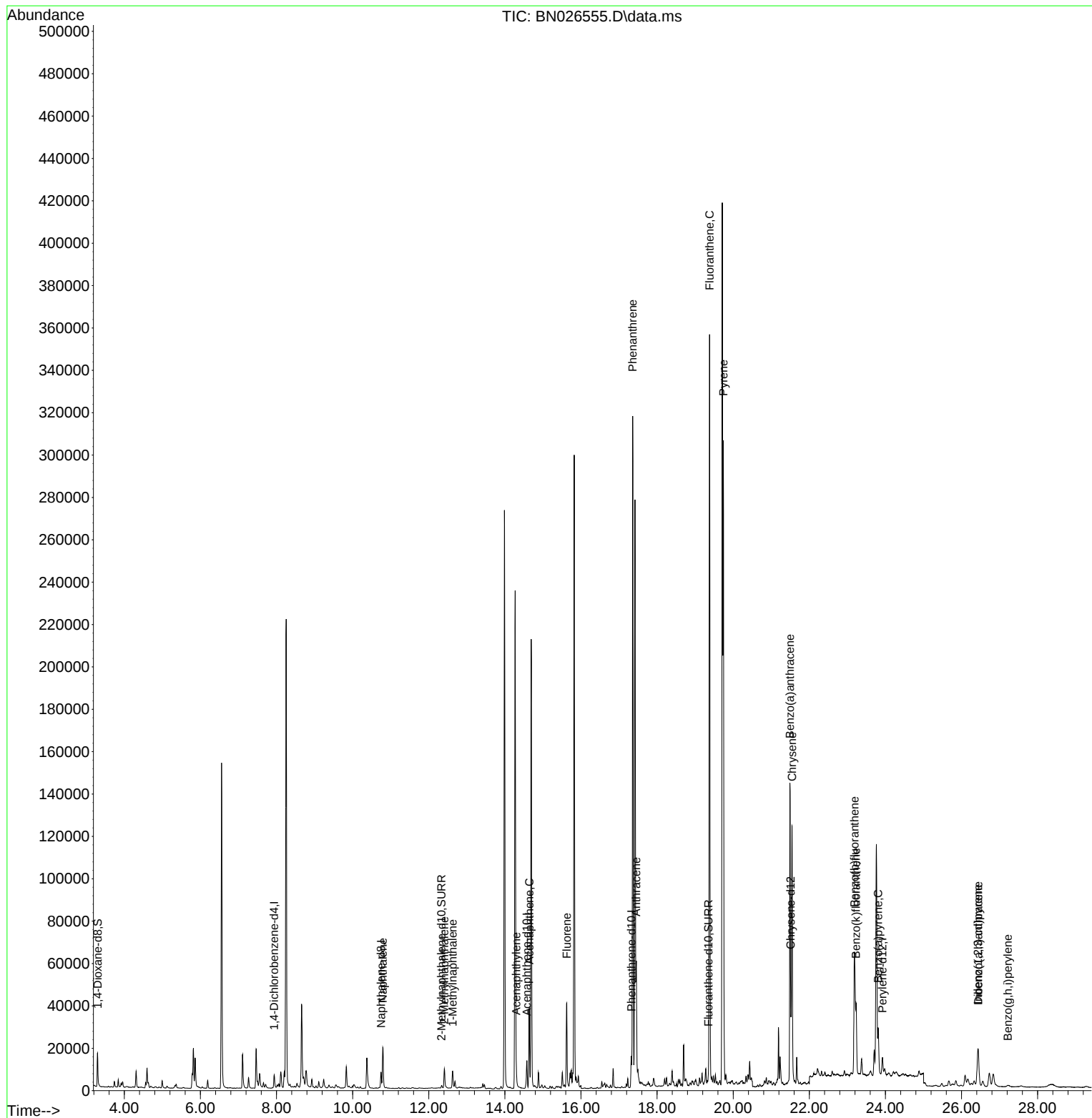
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026555.D
Acq On : 18 Jul 2023 02:26
Operator : MA/JU
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ALS Vial : 30 Sample Multiplier: 1

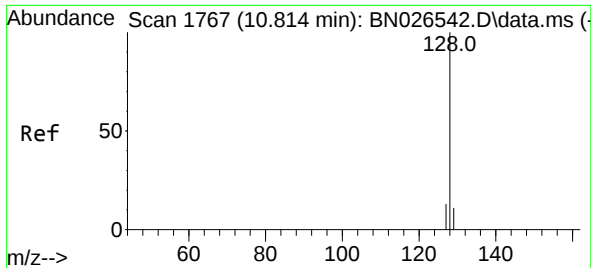
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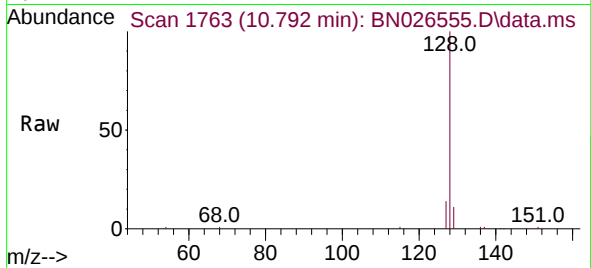
Quant Time: Jul 18 04:24:19 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.916 ng/ul
RT: 10.792 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

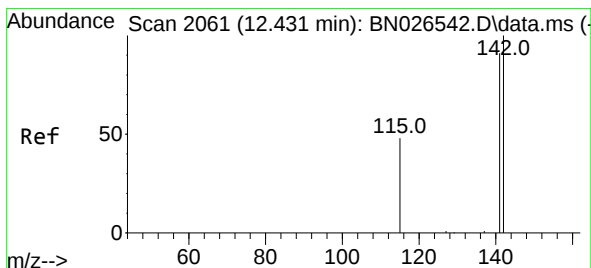
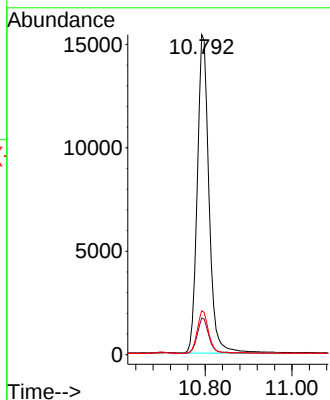
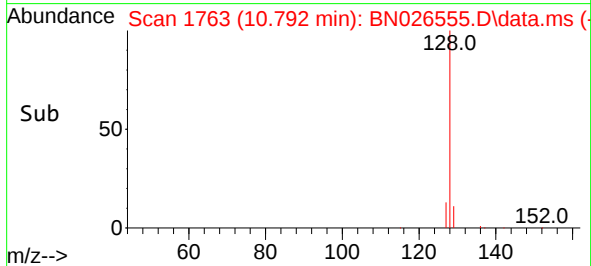
Instrument :
BNA_N
ClientSampleId :
A46M8



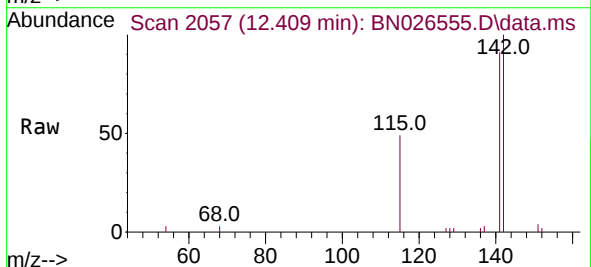
Tgt Ion:128 Resp: 28874
Ion Ratio Lower Upper
128 100
129 11.4 10.2 15.2
127 13.7 11.4 17.0

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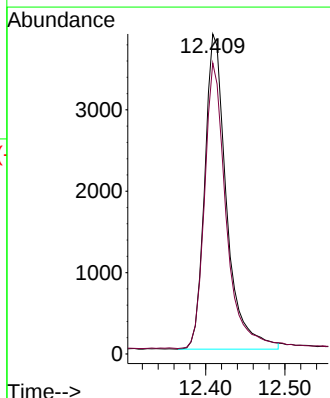
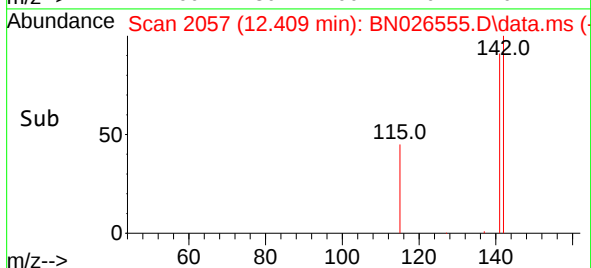
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

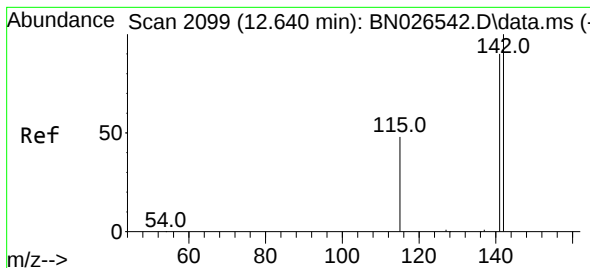


#7
2-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.409 min Scan# 2057
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26



Tgt Ion:142 Resp: 7401
Ion Ratio Lower Upper
142 100
141 89.7 72.3 108.5





#8

1-Methylnaphthalene

Concen: 0.319 ng/ul

RT: 12.629 min Scan# 2097

Delta R.T. 0.000 min

Lab File: BN026555.D

Acq: 18 Jul 2023 02:26

Instrument :

BNA_N

ClientSampleId :

A46M8

Tgt Ion:142 Resp: 6104

Ion Ratio Lower Upper

142 100

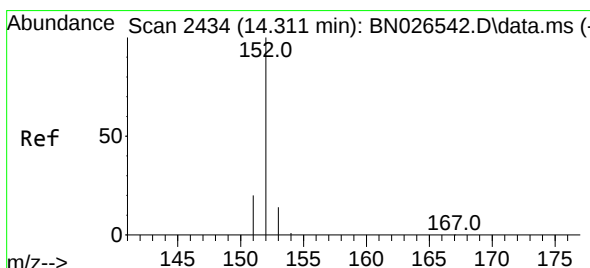
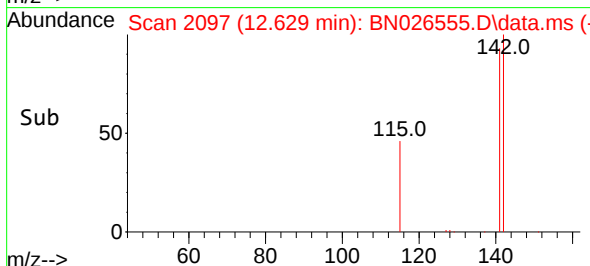
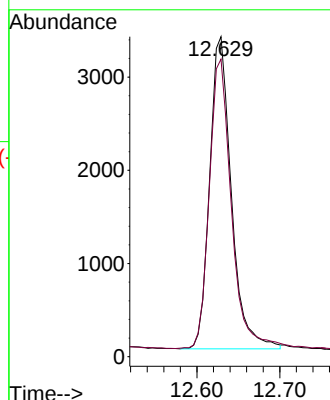
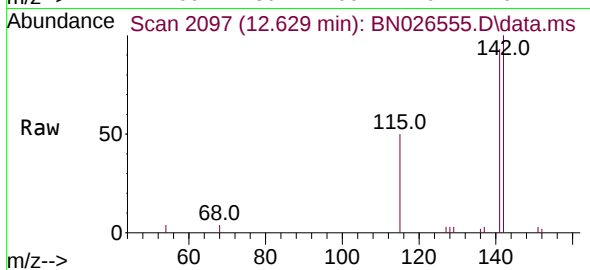
141 94.2 74.5 111.7

Manual Integrations

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Supervised By :mohammad ahmed 07/19/2023



#10

Acenaphthylene

Concen: 0.179 ng/ul

RT: 14.298 min Scan# 2431

Delta R.T. -0.004 min

Lab File: BN026555.D

Acq: 18 Jul 2023 02:26

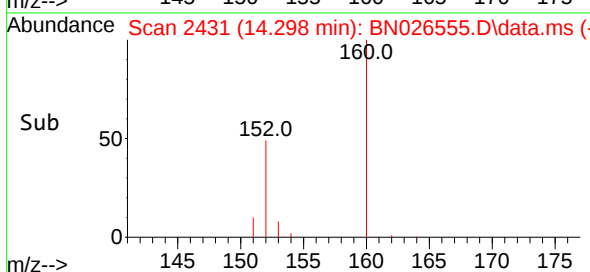
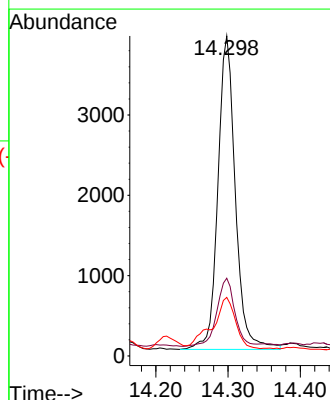
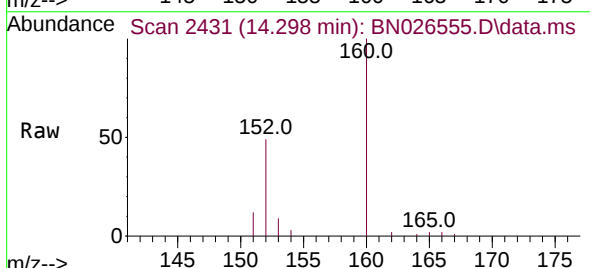
Tgt Ion:152 Resp: 6563

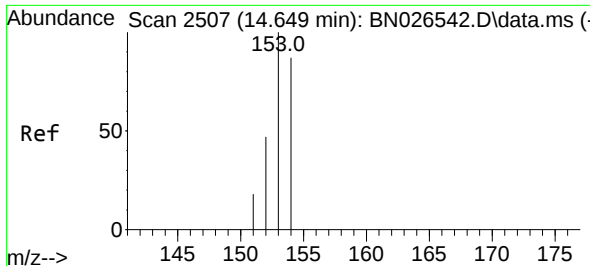
Ion Ratio Lower Upper

152 100

151 24.3 17.0 25.6

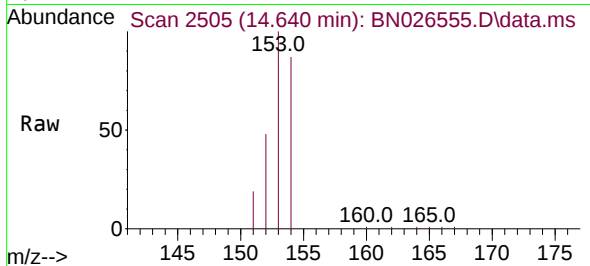
153 18.3 11.4 17.2#





#11
Acenaphthene
Concen: 0.822 ng/ul
RT: 14.640 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

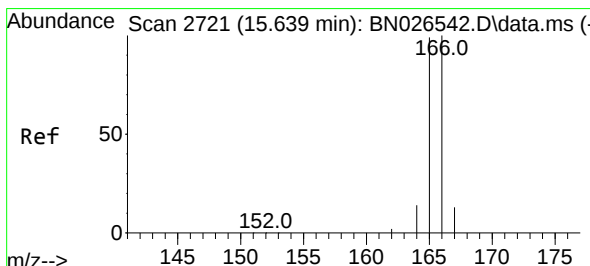
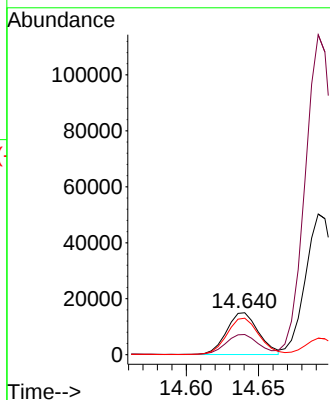
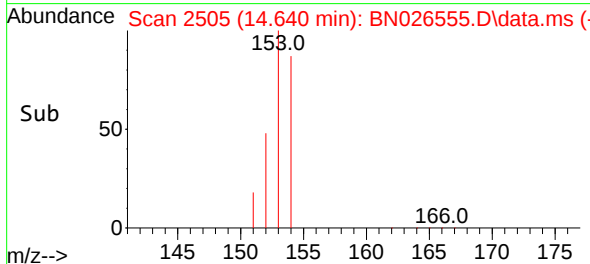
Instrument :
BNA_N
ClientSampleId :
A46M8



Tgt Ion:153 Resp: 22984
Ion Ratio Lower Upper
153 100
152 48.1 40.2 60.4
154 86.8 69.3 103.9

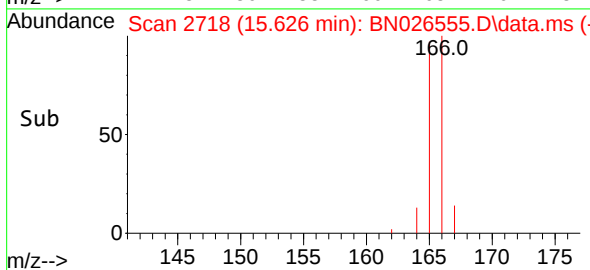
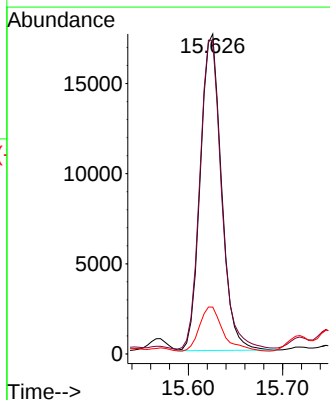
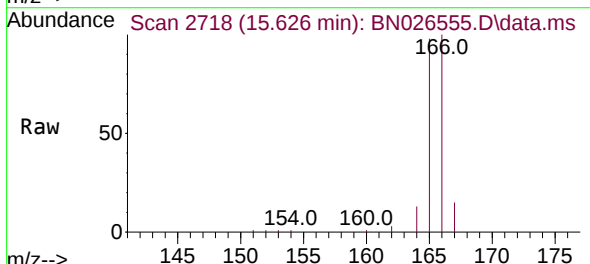
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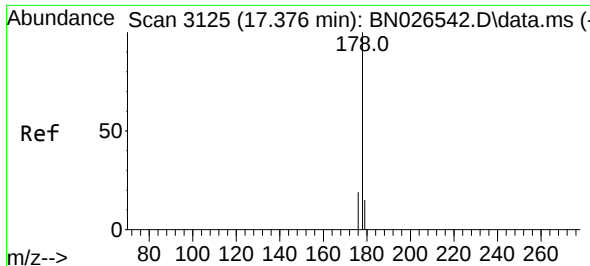
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.932 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. -0.004 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

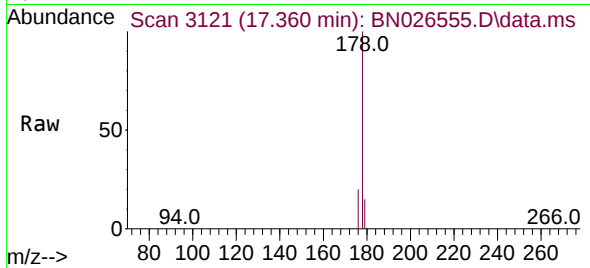
Tgt Ion:166 Resp: 27321
Ion Ratio Lower Upper
166 100
165 98.0 80.6 120.8
167 14.7 12.0 18.0





#15
Phenanthrene
Concen: 4.785 ng/u1
RT: 17.360 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

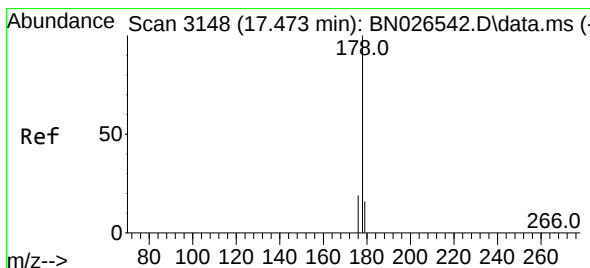
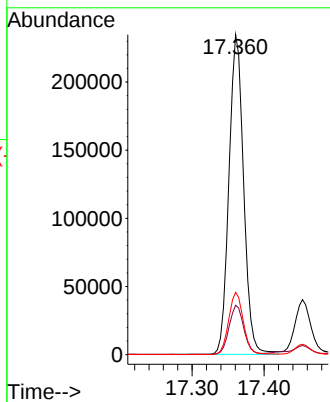
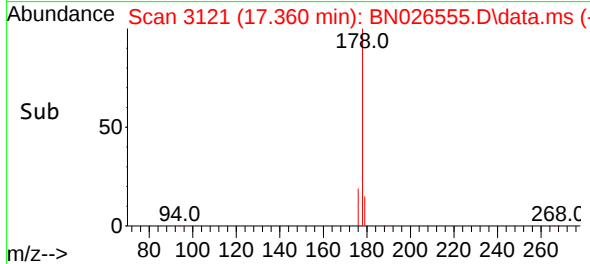
Instrument :
BNA_N
ClientSampleId :
A46M8



Tgt Ion:178 Resp: 332354
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.5 16.5 24.7

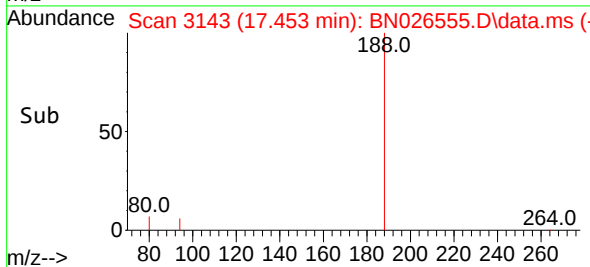
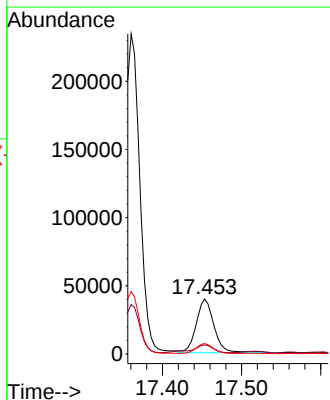
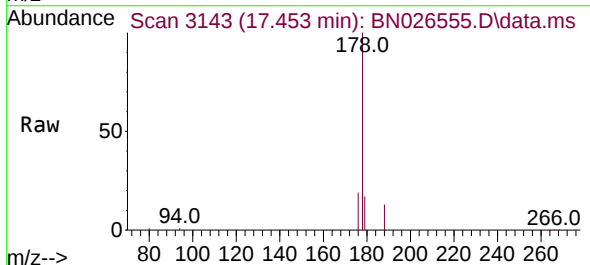
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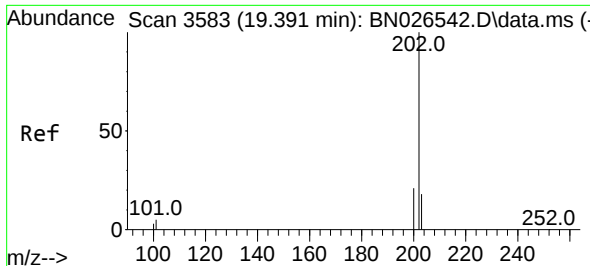
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 1.024 ng/u1
RT: 17.453 min Scan# 3143
Delta R.T. -0.012 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

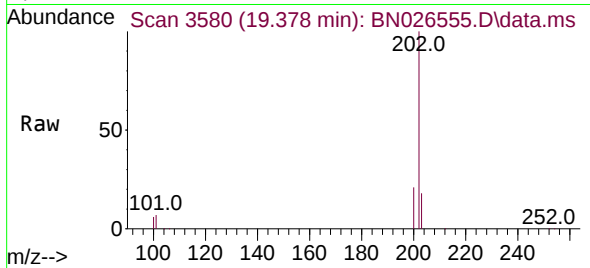
Tgt Ion:178 Resp: 61728
Ion Ratio Lower Upper
178 100
179 16.6 14.8 22.2
176 18.9 16.6 25.0





#19
Fluoranthene
Concen: 5.285 ng/ul
RT: 19.378 min Scan# 31
Delta R.T. -0.009 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

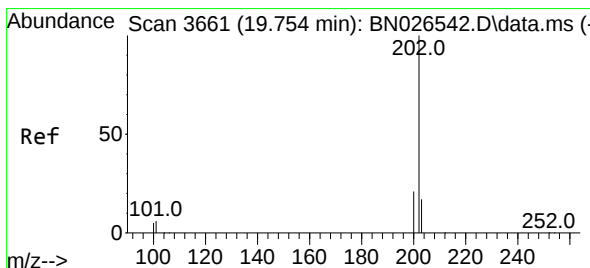
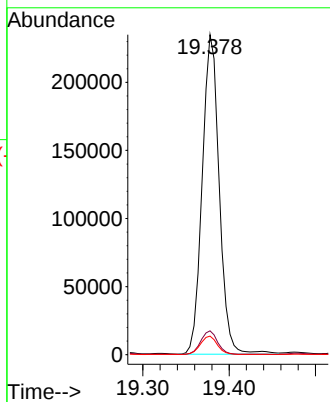
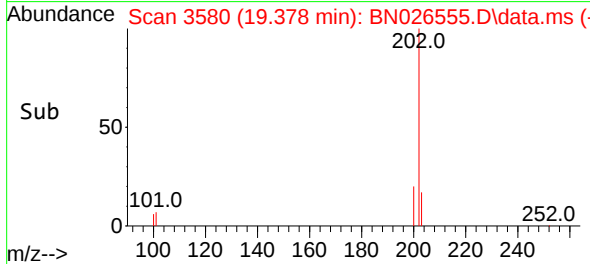
Instrument :
BNA_N
ClientSampleId :
A46M8



Tgt Ion:202 Resp: 322940
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.4
100 5.8 6.0 9.0

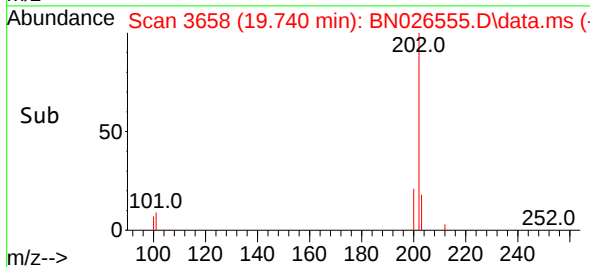
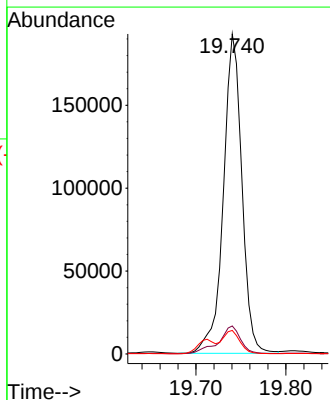
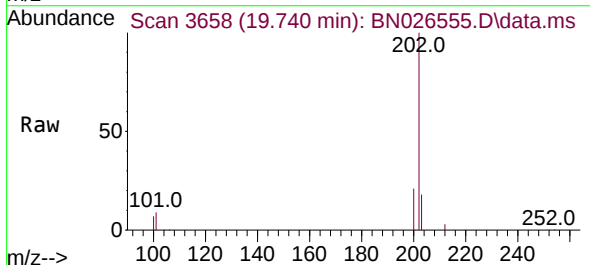
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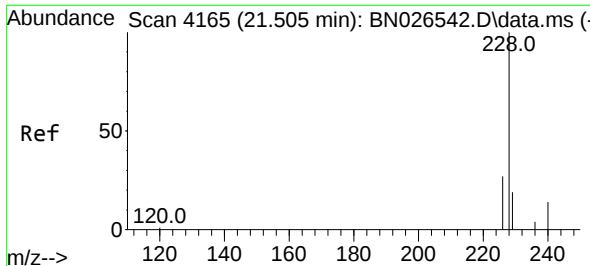
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 4.148 ng/ul
RT: 19.740 min Scan# 3658
Delta R.T. -0.009 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

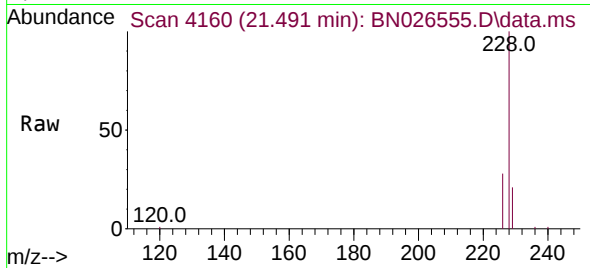
Tgt Ion:202 Resp: 275276
Ion Ratio Lower Upper
202 100
101 8.8 8.0 12.0
100 7.4 6.2 9.2





#21
Benzo(a)anthracene
Concen: 2.676 ng/u1
RT: 21.491 min Scan# 4165
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

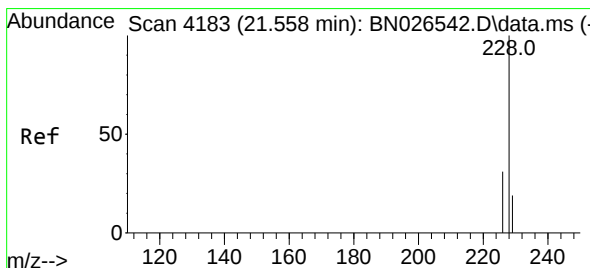
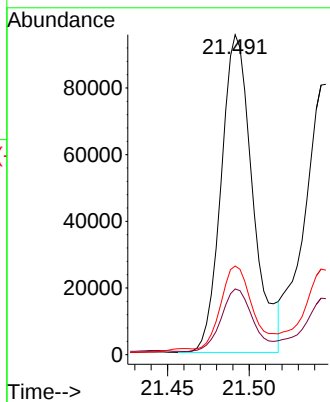
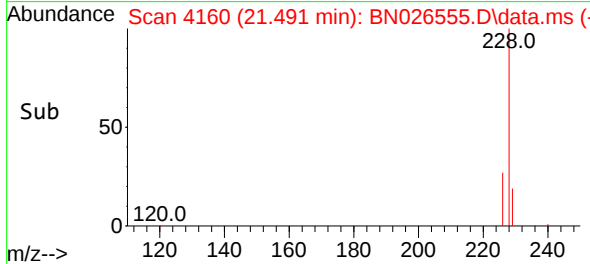
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Tgt Ion:228 Resp: 128210
Ion Ratio Lower Upper
228 100
229 20.5 16.7 25.1
226 27.7 23.5 35.3

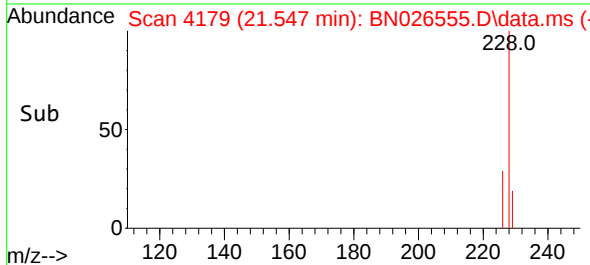
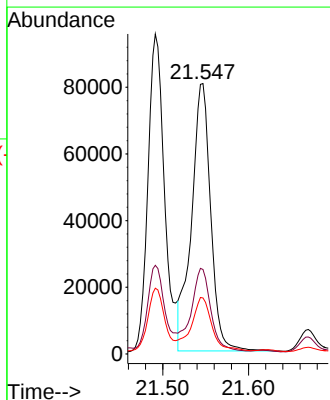
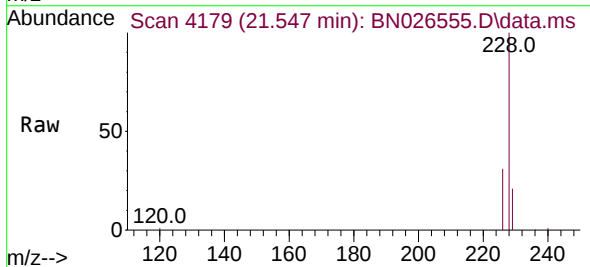
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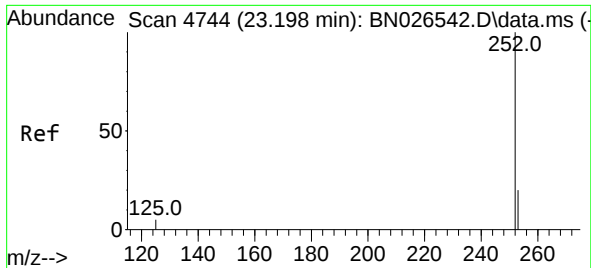
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 2.294 ng/u1
RT: 21.547 min Scan# 4179
Delta R.T. -0.011 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

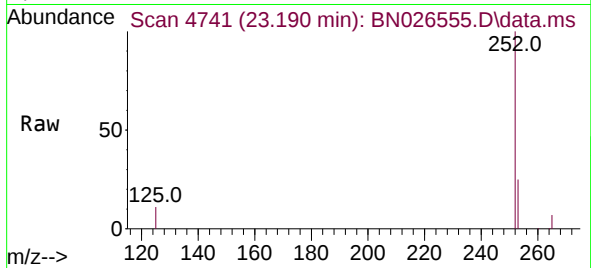
Tgt Ion:228 Resp: 125100
Ion Ratio Lower Upper
228 100
226 31.2 25.2 37.8
229 20.7 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.364 ng/ul m
RT: 23.190 min Scan# 4744
Delta R.T. -0.005 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

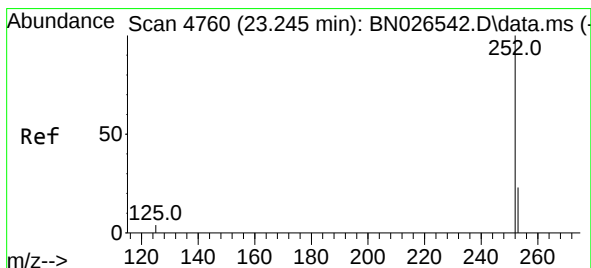
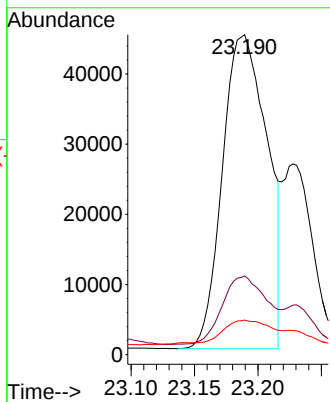
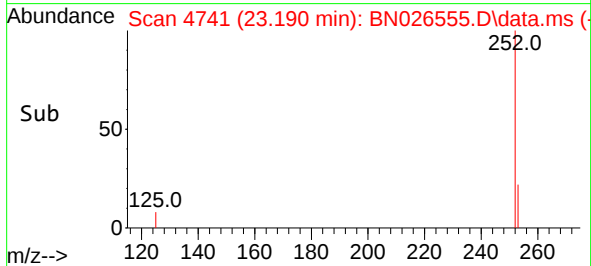
Instrument :
BNA_N
ClientSampleId :
A46M8



Tgt Ion:252 Resp: 109359
Ion Ratio Lower Upper
252 100
253 24.6 0.0 68.6
125 10.8 0.0 34.0

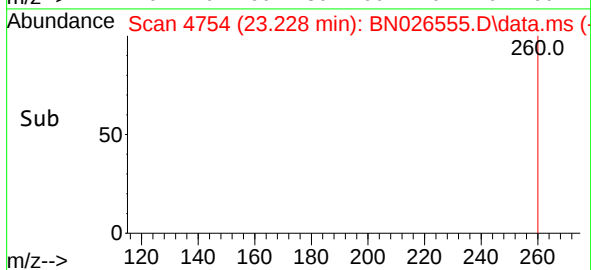
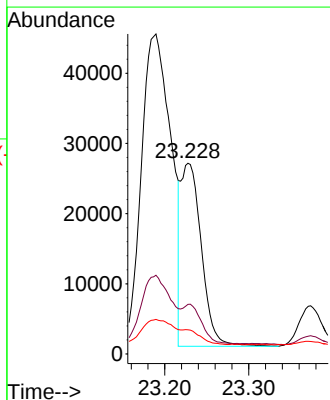
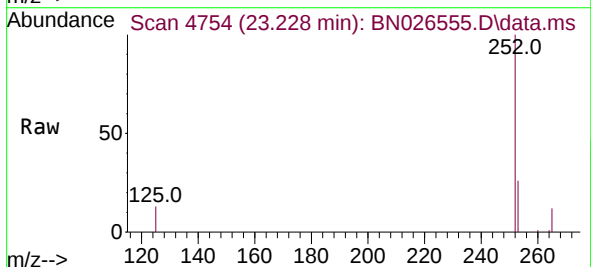
Manual Integrations
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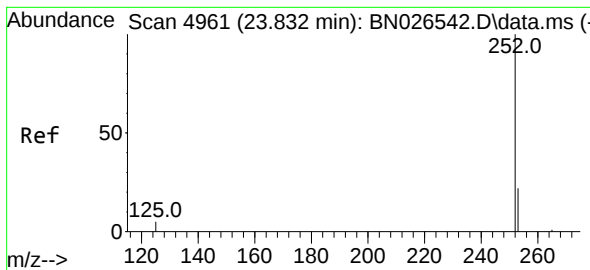
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.917 ng/ul m
RT: 23.228 min Scan# 4754
Delta R.T. -0.017 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

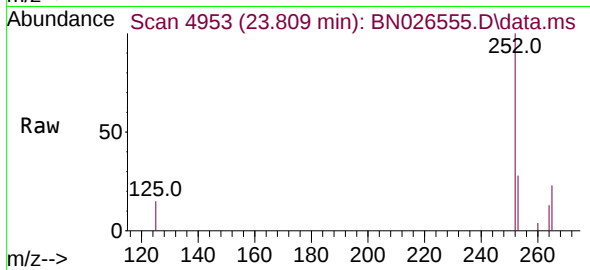
Tgt Ion:252 Resp: 44477
Ion Ratio Lower Upper
252 100
253 26.0 27.2 40.8#
125 12.7 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.815 ng/ul
RT: 23.809 min Scan# 4953
Delta R.T. -0.017 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

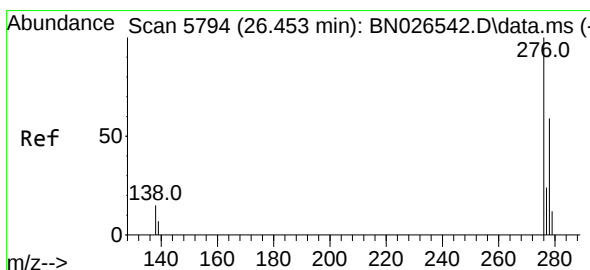
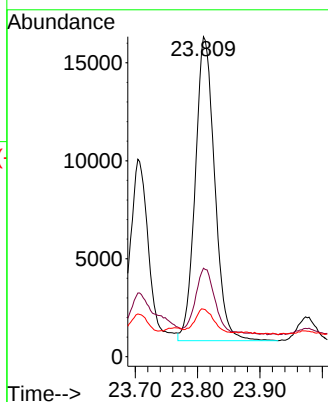
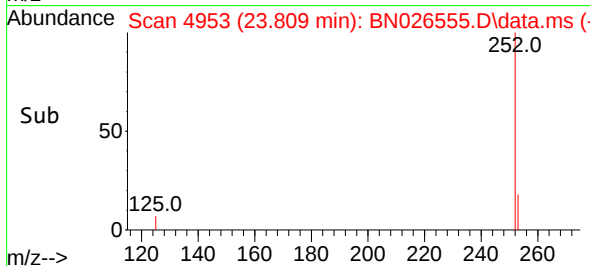
Instrument :
BNA_N
ClientSampleId :
A46M8



Tgt Ion:252 Resp: 33540
Ion Ratio Lower Upper
252 100
253 27.7 32.6 49.0#
125 14.8 19.3 28.9#

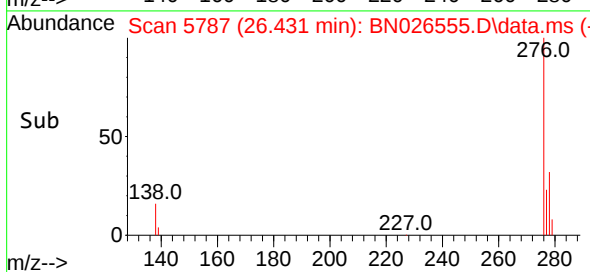
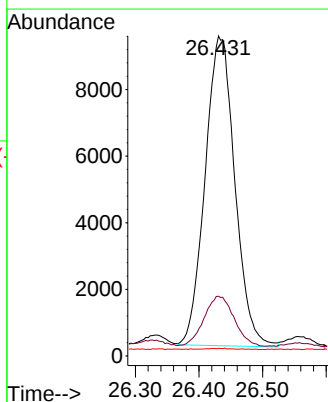
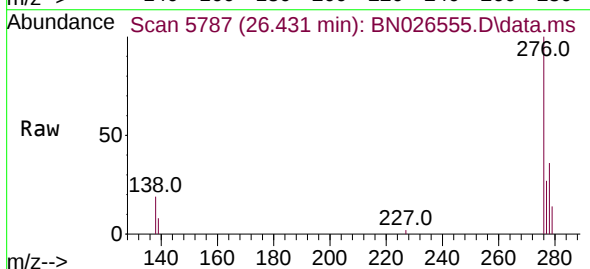
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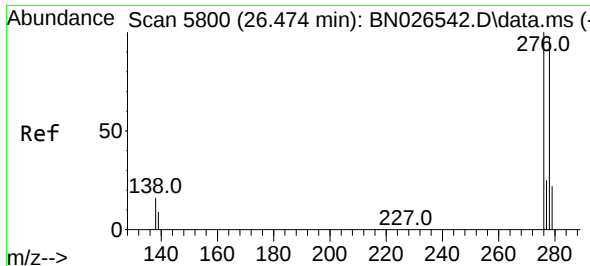
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.560 ng/ul
RT: 26.431 min Scan# 5787
Delta R.T. -0.023 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

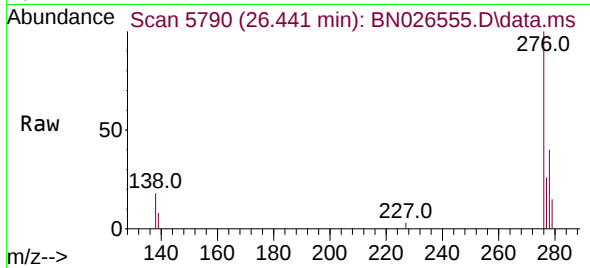
Tgt Ion:276 Resp: 30206
Ion Ratio Lower Upper
276 100
138 16.7 22.2 33.4#
227 0.3 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.026 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26

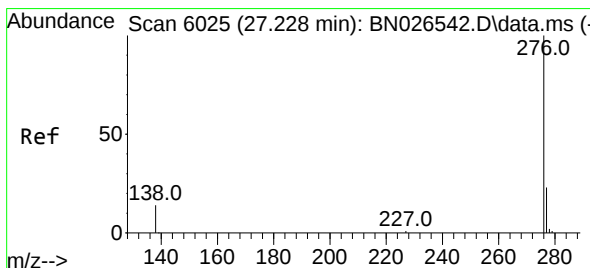
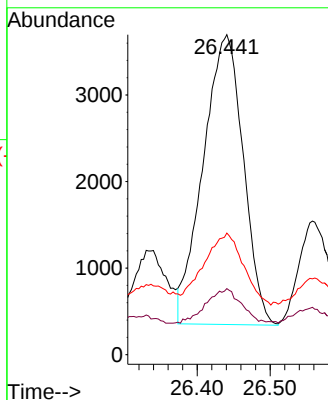
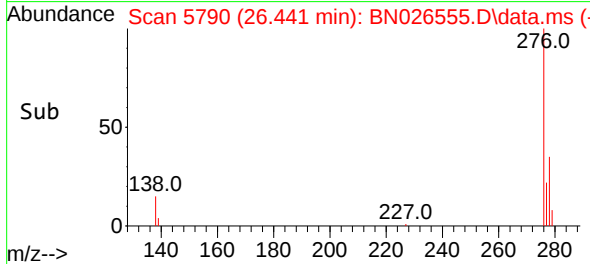
Instrument :
BNA_N
ClientSampleId :
A46M8



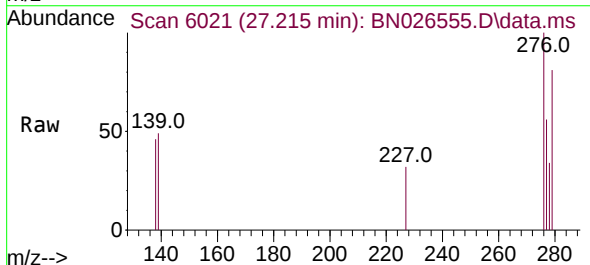
Tgt Ion:278 Resp: 1281
Ion Ratio Lower Upper
278 100
139 20.6 18.9 28.3
279 38.0 31.3 46.9

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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 27.215 min Scan# 6021
Delta R.T. -0.010 min
Lab File: BN026555.D
Acq: 18 Jul 2023 02:26



Tgt Ion:276 Resp: 1931
Ion Ratio Lower Upper
276 100
138 45.7 22.6 34.0#
277 56.3 21.8 32.8#

