

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026628.D
 Acq On : 21 Jul 2023 14:33
 Operator : MA/JU
 Sample : 03472-24
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023

Quant Time: Jul 21 16:04:25 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 : Thu Jul 20 22:32:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	2799	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9463	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.472	164	6104	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	14533	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.411	240	11159	0.400	ng/ul	0.00
23) Perylene-d12	23.784	264	11112	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	4469	1.212	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3854	0.300	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	10710	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	503	0.144	ng/ul#	1
5) Naphthalene	10.680	128	72106	2.775	ng/ul	97
7) 2-Methylnaphthalene	12.297	142	28911	1.961	ng/ul	100
8) 1-Methylnaphthalene	12.517	142	21890	1.386	ng/ul	100
10) Acenaphthylene	14.189	152	17671	0.591	ng/ul#	97
11) Acenaphthene	14.532	153	85618	3.760	ng/ul	98
12) Fluorene	15.517	166	114400	4.789	ng/ul	99
15) Phenanthrene	17.257	178	1333121	28.803	ng/ul	97
16) Anthracene	17.350	178	200900	5.002	ng/ul	95
19) Fluoranthene	19.278	202	1398724	26.741	ng/ul	99
20) Pyrene	19.641	202	407894	7.181	ng/ul	97
21) Benzo(a)anthracene	21.396	228	486258	11.858	ng/ul	99
22) Chrysene	21.449	228	435681	9.334	ng/ul	98
24) Benzo(b)fluoranthene	23.062	252	356813m	8.242	ng/ul	
25) Benzo(k)fluoranthene	23.109	252	193276m	4.260	ng/ul	
26) Benzo(a)pyrene	23.679	252	32505	0.844	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.234	276	42131	0.834	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.244	278	38101m	0.983	ng/ul	
29) Benzo(g,h,i)perylene	26.999	276	1928	0.043	ng/ul#	28

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

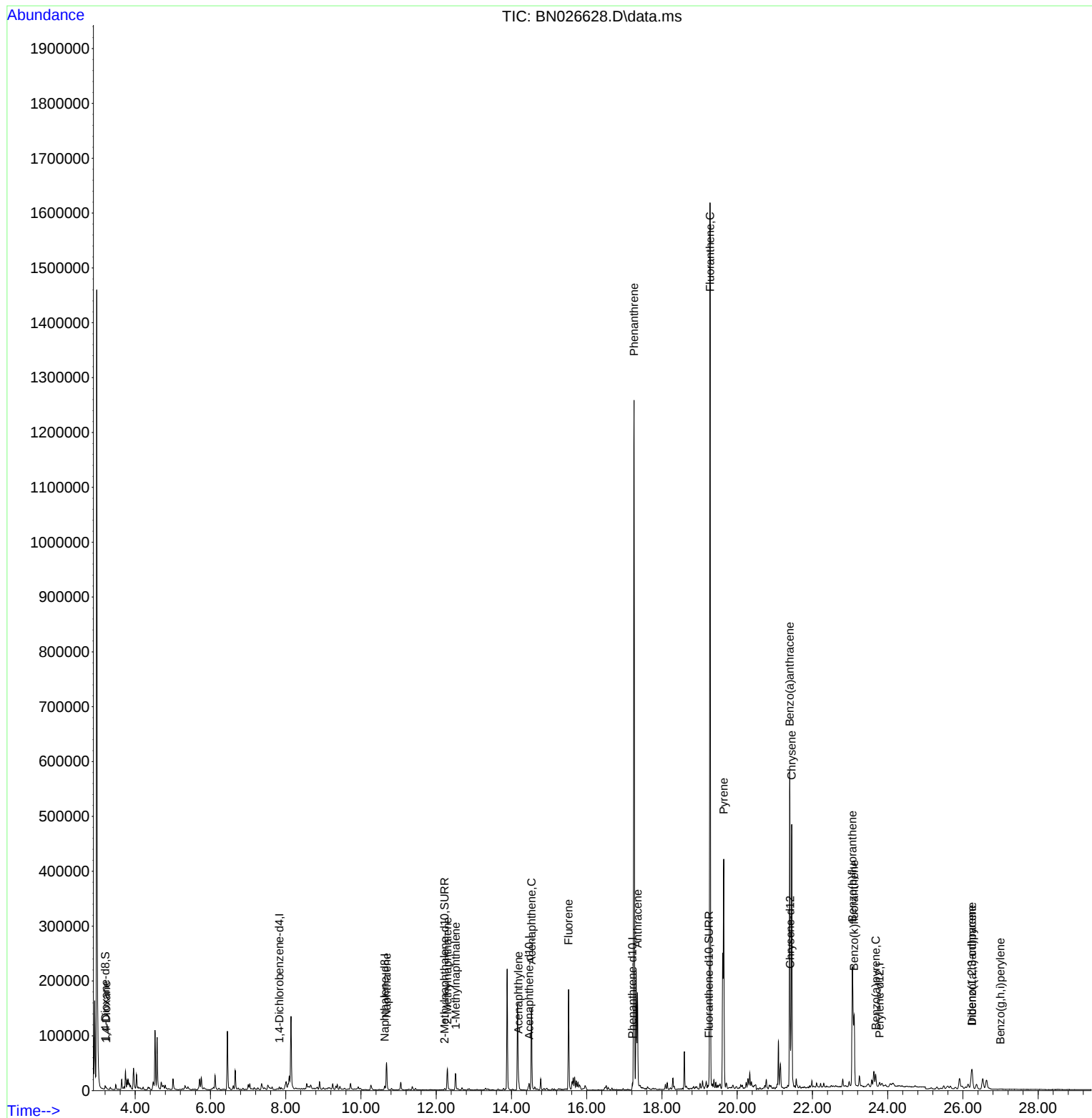
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026628.D
Acq On : 21 Jul 2023 14:33
Operator : MA/JU
Sample : 03472-24
Misc :
ALS Vial : 39 Sample Multiplier: 1

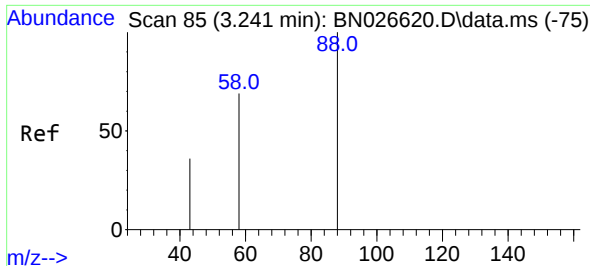
Instrument :
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ClientSampleId :
A46R5

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Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

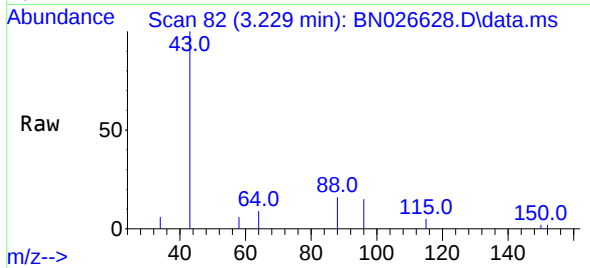
Quant Time: Jul 21 16:04:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.144 ng/ul
RT: 3.229 min Scan# 81
Delta R.T. -0.008 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

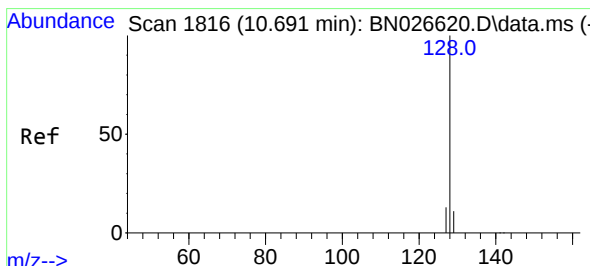
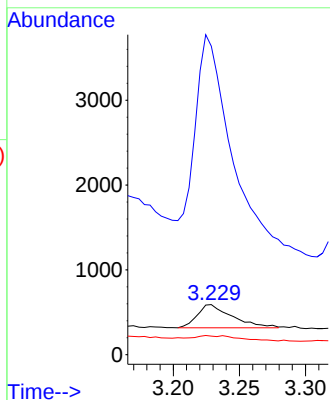
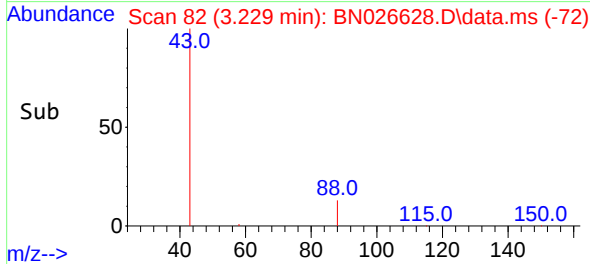
Instrument :
BNA_N
ClientSampleId :
A46R5



Tgt Ion: 88 Resp: 500
Ion Ratio Lower Upper
88 100
43 616.6 33.0 49.6
58 37.1 41.7 62.5

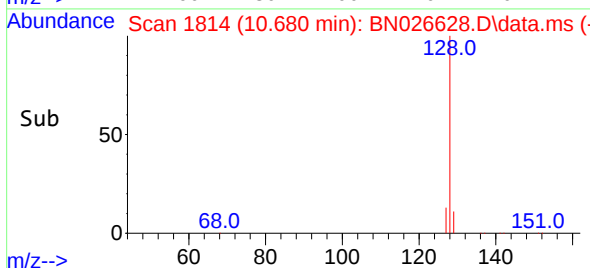
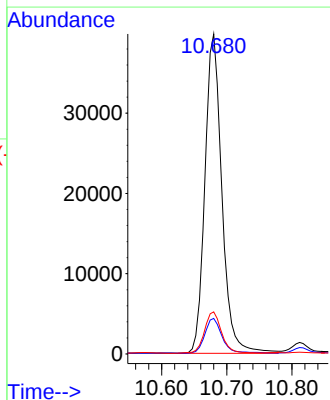
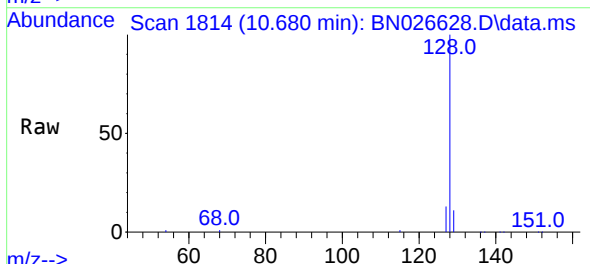
Manual Integrations
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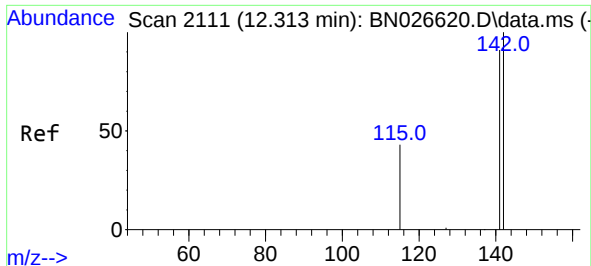
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#5
Naphthalene
Concen: 2.775 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.022 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

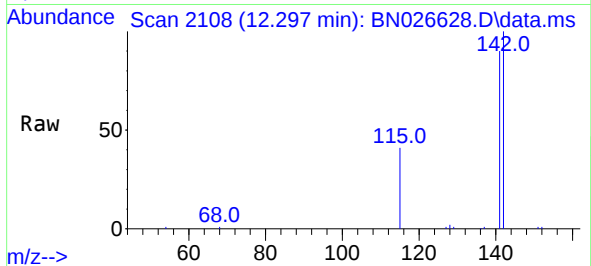
Tgt Ion:128 Resp: 72106
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.1 11.4 17.0





#7
2-Methylnaphthalene
Concen: 1.961 ng/ul
RT: 12.297 min Scan# 2111
Delta R.T. -0.022 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

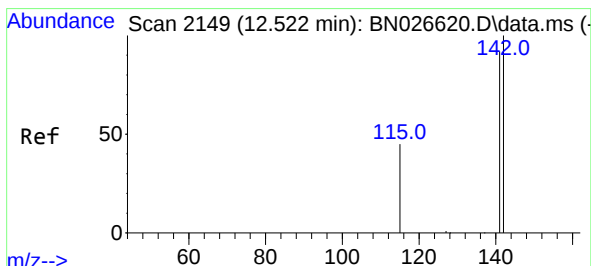
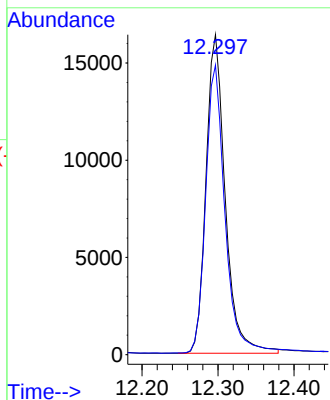
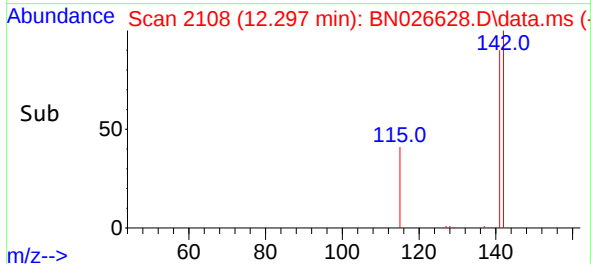
Instrument :
BNA_N
ClientSampleId :
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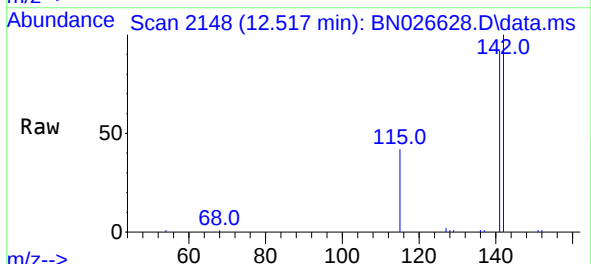
Tgt Ion:142 Resp: 2891
Ion Ratio Lower Upper
142 100
141 90.6 72.3 108.5

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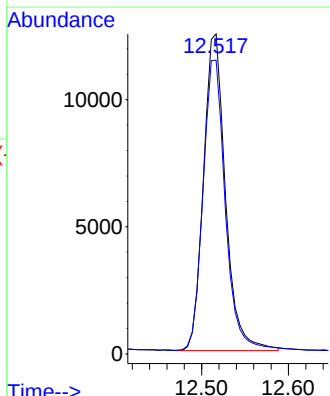
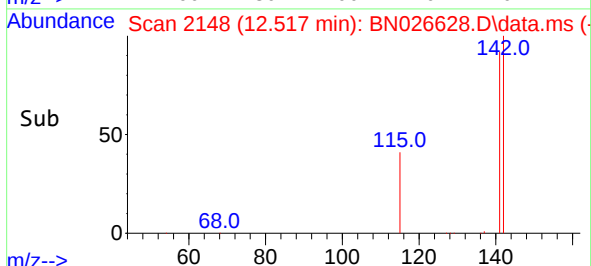
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

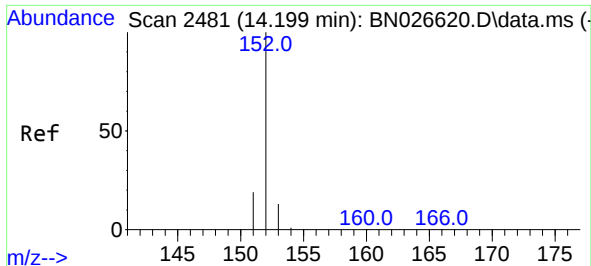


#8
1-Methylnaphthalene
Concen: 1.386 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33



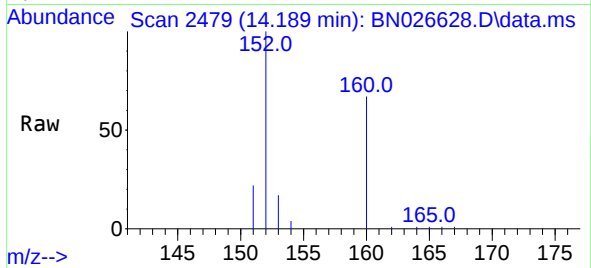
Tgt Ion:142 Resp: 21890
Ion Ratio Lower Upper
142 100
141 92.7 74.5 111.7





#10
Acenaphthylene
Concen: 0.591 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.014 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

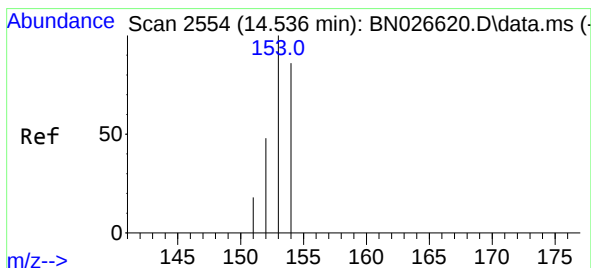
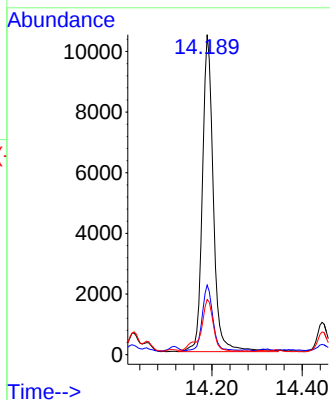
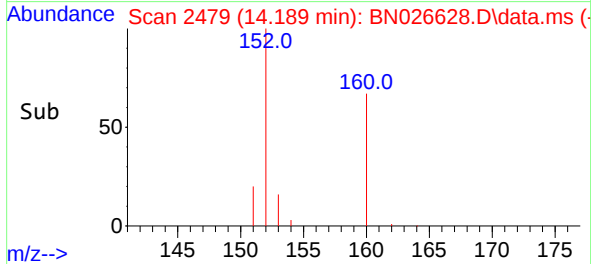
Instrument :
BNA_N
ClientSampleId :
A46R5



Tgt Ion:152 Resp: 1767
Ion Ratio Lower Upper
152 100
151 21.7 17.0 25.6
153 17.2 11.4 17.2

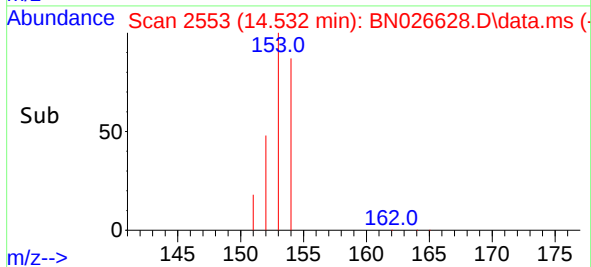
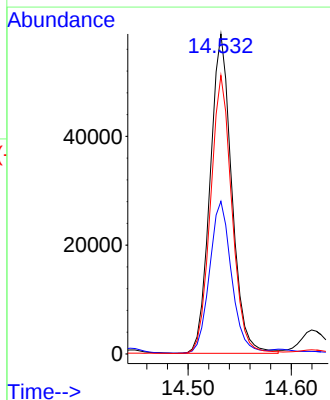
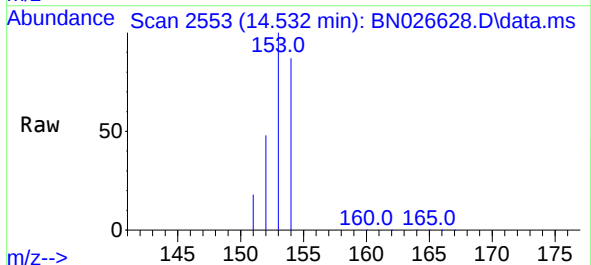
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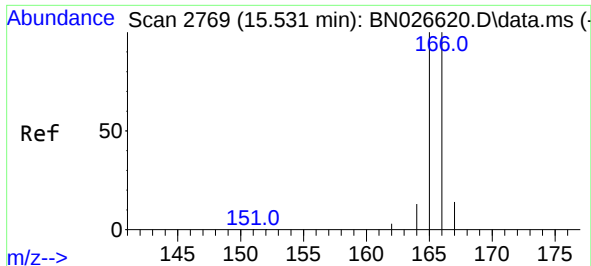
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 3.760 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

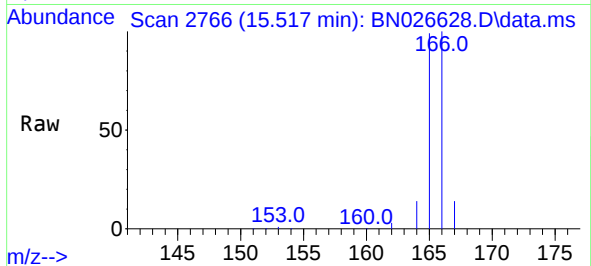
Tgt Ion:153 Resp: 85618
Ion Ratio Lower Upper
153 100
152 47.7 40.2 60.4
154 87.1 69.3 103.9





#12
Fluorene
Concen: 4.789 ng/u1
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

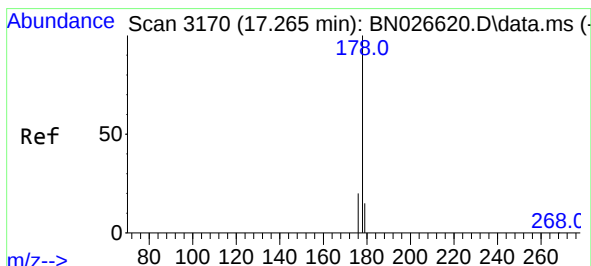
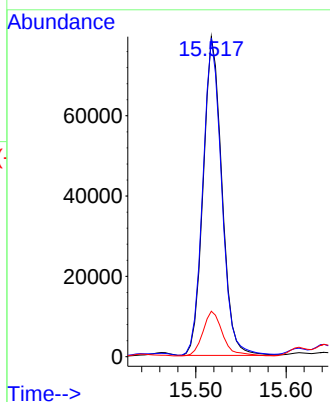
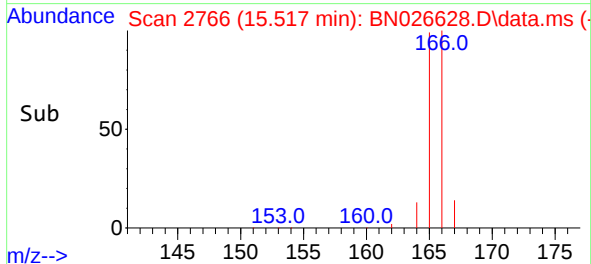
Instrument :
BNA_N
ClientSampleId :
A46R5



Tgt Ion:166 Resp: 114400
Ion Ratio Lower Upper
166 100
165 99.4 80.6 120.8
167 14.2 12.0 18.0

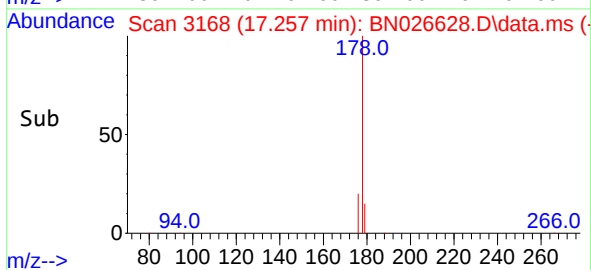
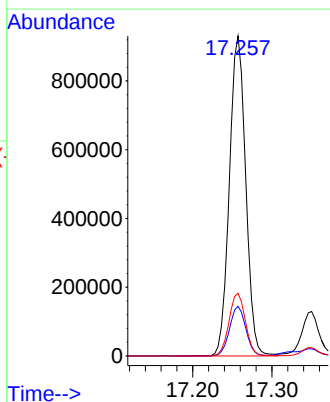
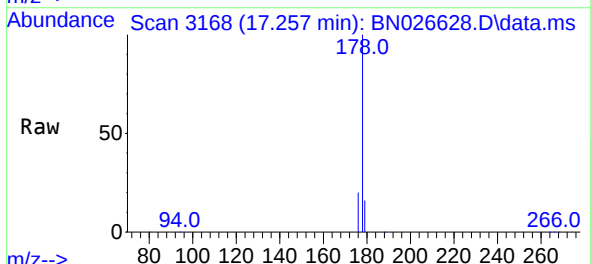
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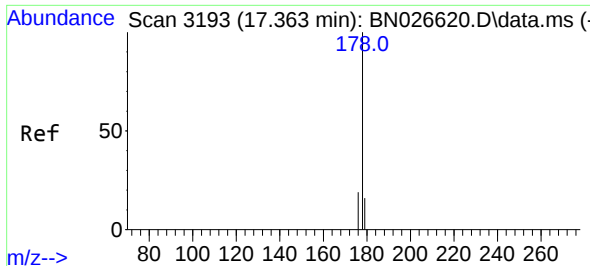
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#15
Phenanthrene
Concen: 28.803 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.013 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

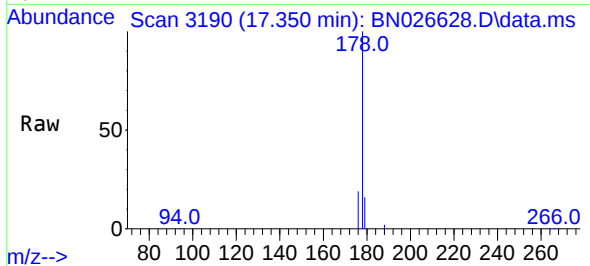
Tgt Ion:178 Resp: 1333121
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 19.6 16.5 24.7





#16
 Anthracene
 Concen: 5.002 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. -0.017 min
 Lab File: BN026628.D
 Acq: 21 Jul 2023 14:33

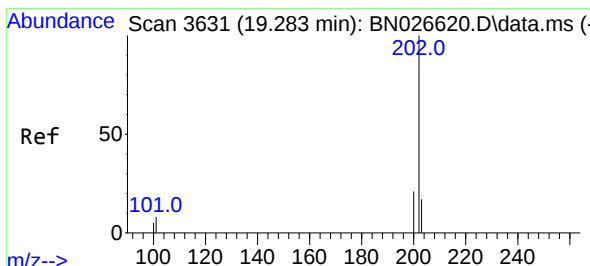
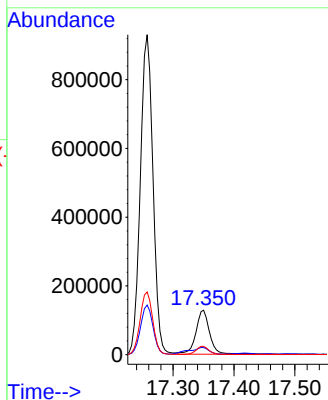
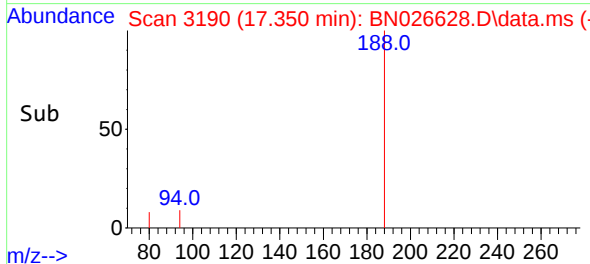
Instrument :
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Tgt Ion:178 Resp: 200900
 Ion Ratio Lower Upper
 178 100
 179 16.0 14.8 22.2
 176 18.8 16.6 25.0

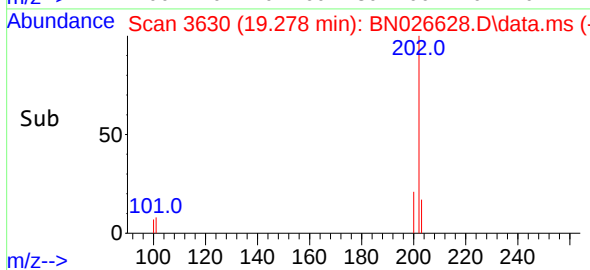
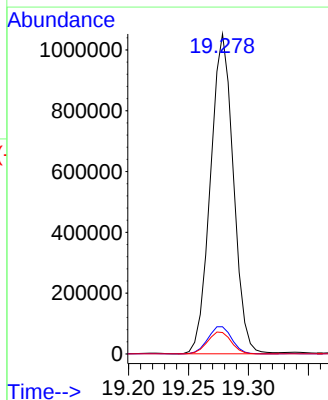
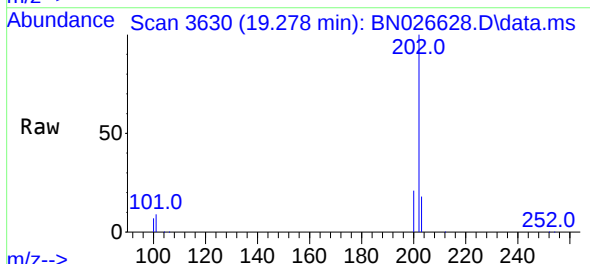
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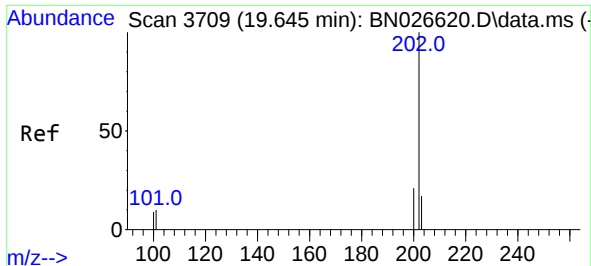
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 26.741 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026628.D
 Acq: 21 Jul 2023 14:33

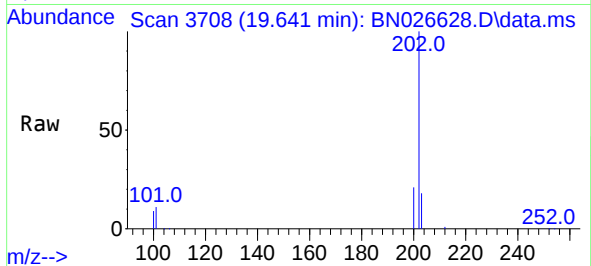
Tgt Ion:202 Resp: 1398724
 Ion Ratio Lower Upper
 202 100
 101 8.5 7.0 10.4
 100 6.7 6.0 9.0





#20
Pyrene
Concen: 7.181 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

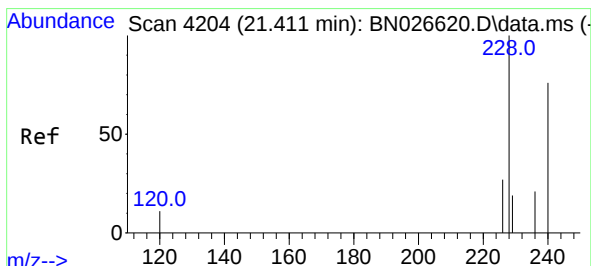
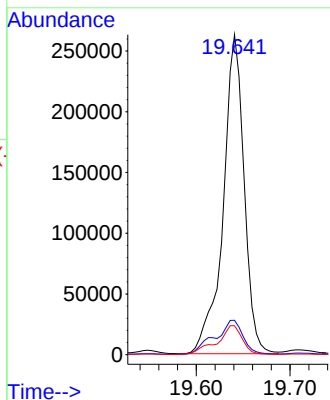
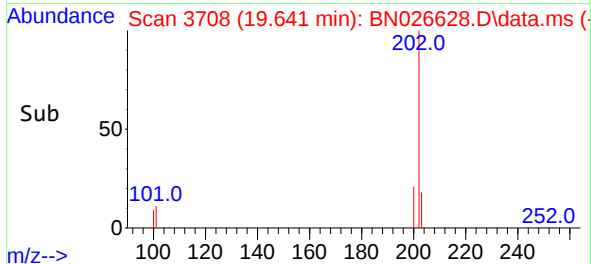
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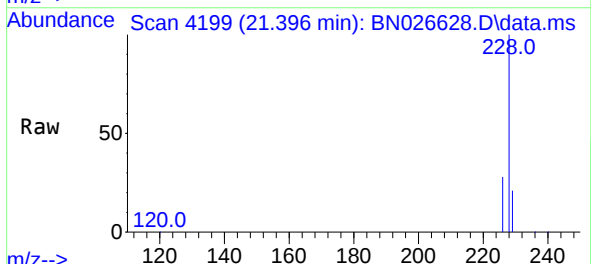
Tgt Ion:202 Resp: 407894
Ion Ratio Lower Upper
202 100
101 10.7 8.0 12.0
100 9.0 6.2 9.2

Manual Integrations
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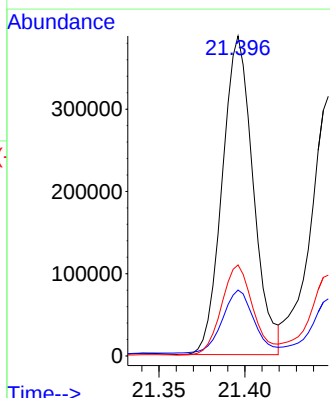
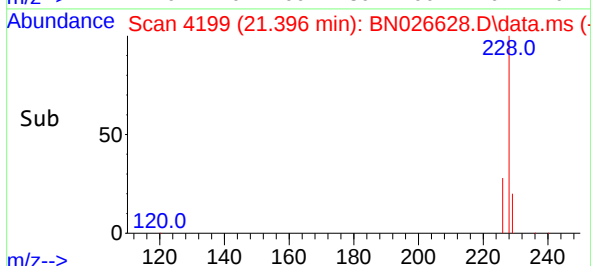
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

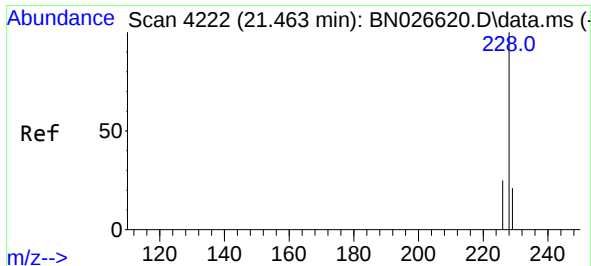


#21
Benzo(a)anthracene
Concen: 11.858 ng/ul
RT: 21.396 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33



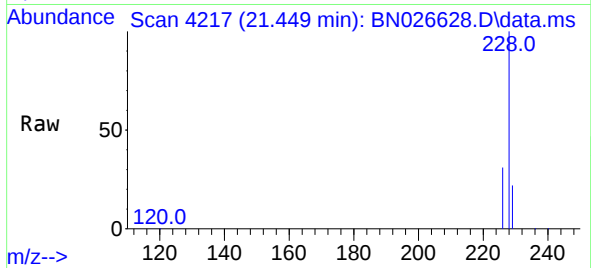
Tgt Ion:228 Resp: 486258
Ion Ratio Lower Upper
228 100
229 20.6 16.7 25.1
226 28.4 23.5 35.3





#22
Chrysene
Concen: 9.334 ng/ul
RT: 21.449 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

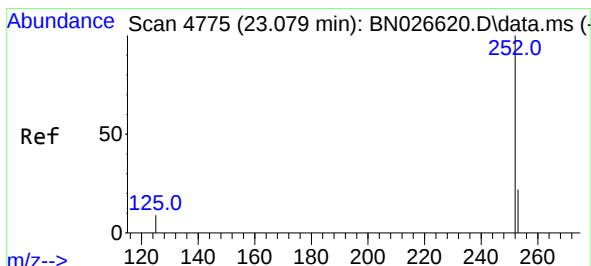
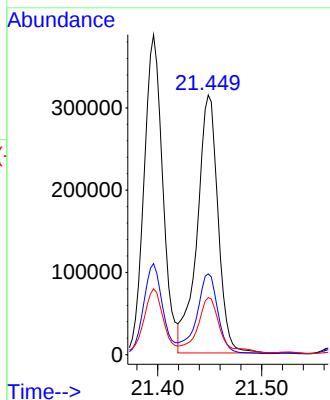
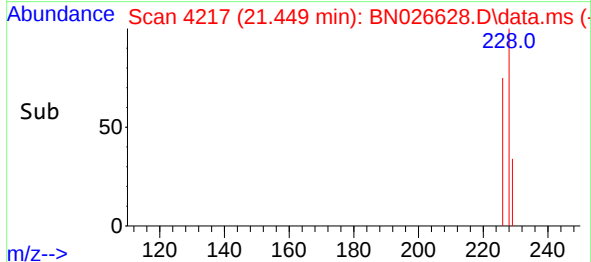
Instrument :
BNA_N
ClientSampleId :
A46R5



Tgt Ion:228 Resp: 435681
Ion Ratio Lower Upper
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226 31.2 25.2 37.8
229 22.0 16.4 24.6

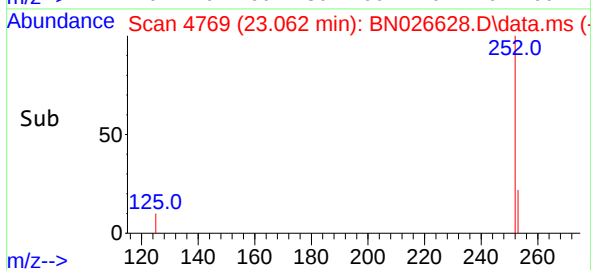
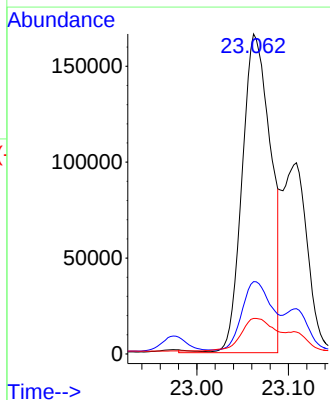
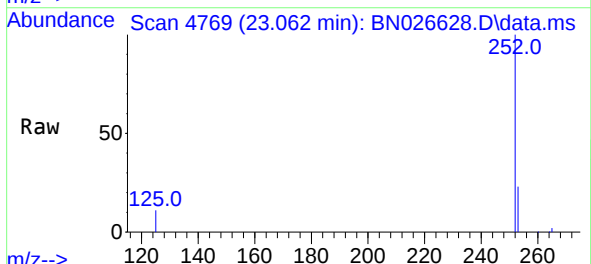
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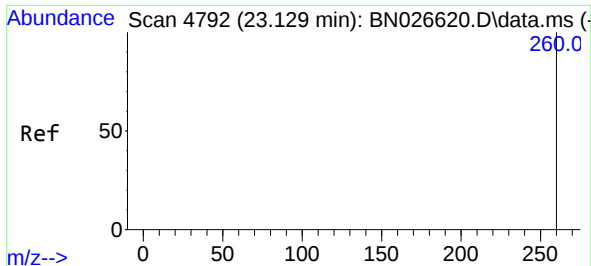
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#24
Benzo(b)fluoranthene
Concen: 8.242 ng/ul m
RT: 23.062 min Scan# 4769
Delta R.T. -0.006 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

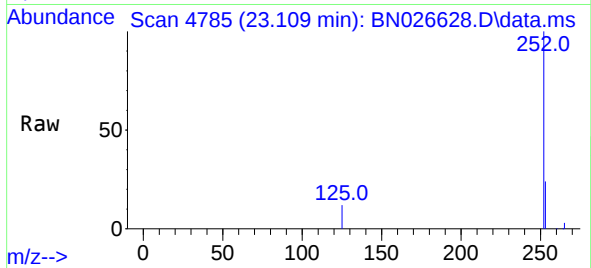
Tgt Ion:252 Resp: 356813
Ion Ratio Lower Upper
252 100
253 22.6 0.0 68.6
125 11.1 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 4.260 ng/ul m
RT: 23.109 min Scan# 4792
Delta R.T. -0.003 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

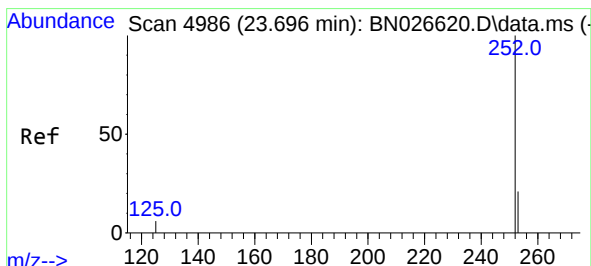
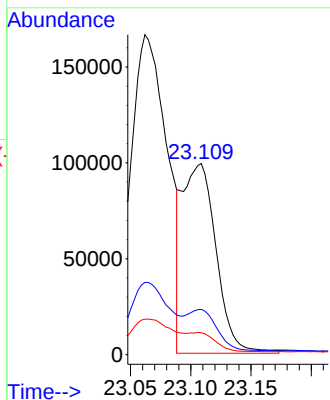
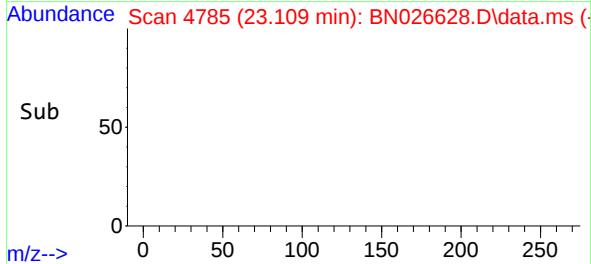
Instrument :
BNA_N
ClientSampleId :
A46R5



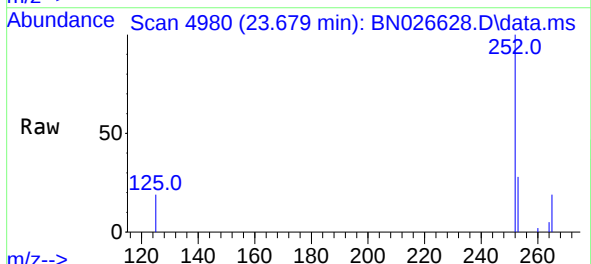
Tgt Ion:252 Resp: 193270
Ion Ratio Lower Upper
252 100
253 23.7 27.2 40.8#
125 11.5 13.4 20.2#

Manual Integrations
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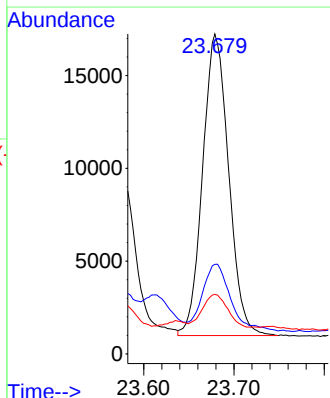
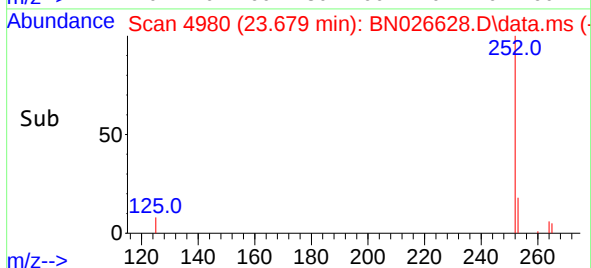
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

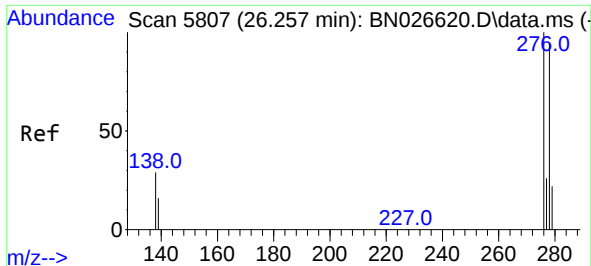


#26
Benzo(a)pyrene
Concen: 0.844 ng/ul
RT: 23.679 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33



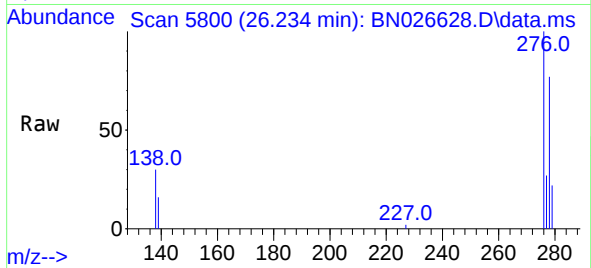
Tgt Ion:252 Resp: 32505
Ion Ratio Lower Upper
252 100
253 28.0 32.6 49.0#
125 18.6 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.834 ng/ul
RT: 26.234 min Scan# 5807
Delta R.T. -0.013 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

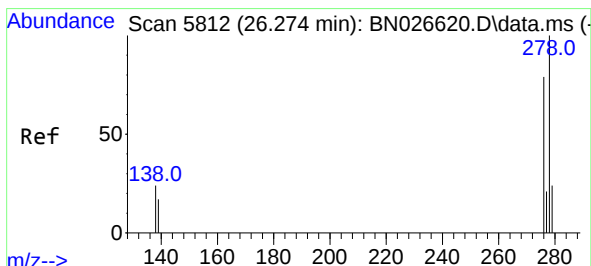
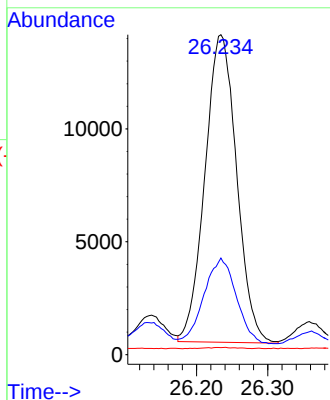
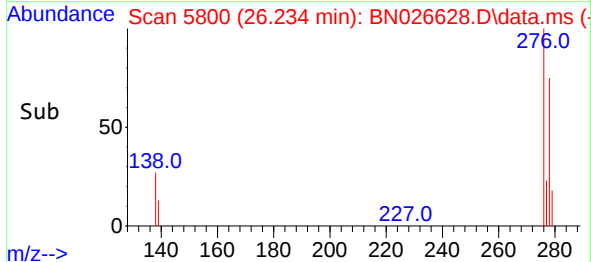
Instrument :
BNA_N
ClientSampleId :
A46R5



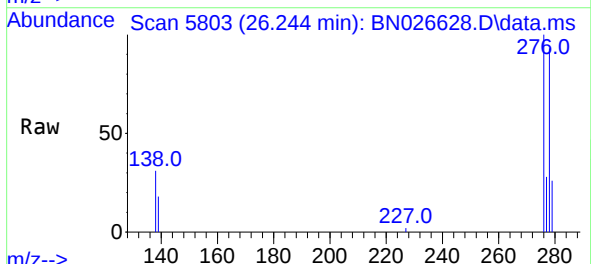
Tgt Ion:276 Resp: 4213
Ion Ratio Lower Upper
276 100
138 28.4 22.2 33.4
227 0.3 0.1 0.1

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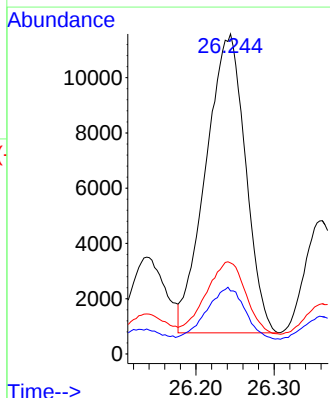
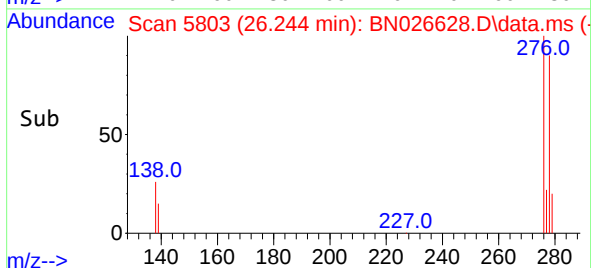
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

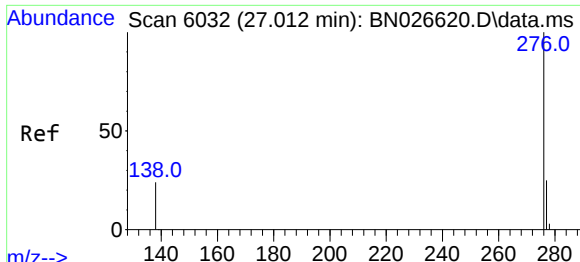


#28
Dibenzo(a,h)anthracene
Concen: 0.983 ng/ul m
RT: 26.244 min Scan# 5803
Delta R.T. -0.013 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33



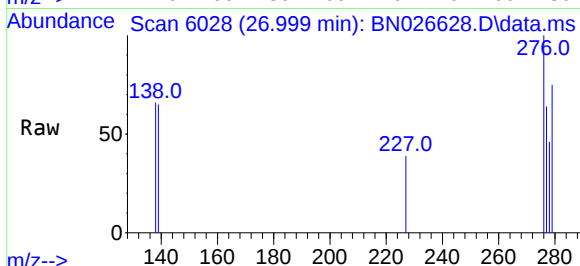
Tgt Ion:278 Resp: 38101
Ion Ratio Lower Upper
278 100
139 19.7 18.9 28.3
279 28.5 31.3 46.9





#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.999 min Scan# 6032
Delta R.T. -0.000 min
Lab File: BN026628.D
Acq: 21 Jul 2023 14:33

Instrument : BNA_N
ClientSampleId : A46R5



Tgt Ion: 276 Resp: 1928

Ion	Ratio	Lower	Upper
276	100		
138	66.4	22.6	34.0
277	64.2	21.8	32.8

Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

