

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026631.D
 Acq On : 21 Jul 2023 16:25
 Operator : MA/JU
 Sample : 03472-33
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46T0

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 19:05:25 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 : Fri Jul 21 19:02:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	2463	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	8385	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.472	164	5257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	13061	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.419	240	10860	0.400	ng/ul	0.00
23) Perylene-d12	23.793	264	9777	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3254	1.003	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	3348	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	9708	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.229	88	451	0.147	ng/ul#	1
5) Naphthalene	10.680	128	10157	0.441	ng/ul	100
7) 2-Methylnaphthalene	12.297	142	2795	0.214	ng/ul	99
8) 1-Methylnaphthalene	12.517	142	2355	0.168	ng/ul	97
10) Acenaphthylene	14.189	152	13723	0.533	ng/ul	99
11) Acenaphthene	14.532	153	16469	0.840	ng/ul	99
12) Fluorene	15.517	166	18073	0.878	ng/ul	100
15) Phenanthrene	17.257	178	267980	6.442	ng/ul	97
16) Anthracene	17.350	178	47273	1.310	ng/ul	96
19) Fluoranthene	19.278	202	498497	9.793	ng/ul	99
20) Pyrene	19.641	202	300222	5.431	ng/ul#	97
21) Benzo(a)anthracene	21.402	228	187678	4.703	ng/ul	100
22) Chrysene	21.454	228	185096	4.075	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	201525m	5.291	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	87573m	2.194	ng/ul	
26) Benzo(a)pyrene	23.688	252	38675	1.141	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.237	276	51096	1.150	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.244	278	19438	0.570	ng/ul	92
29) Benzo(g,h,i)perylene	27.009	276	2805	0.071	ng/ul#	56

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

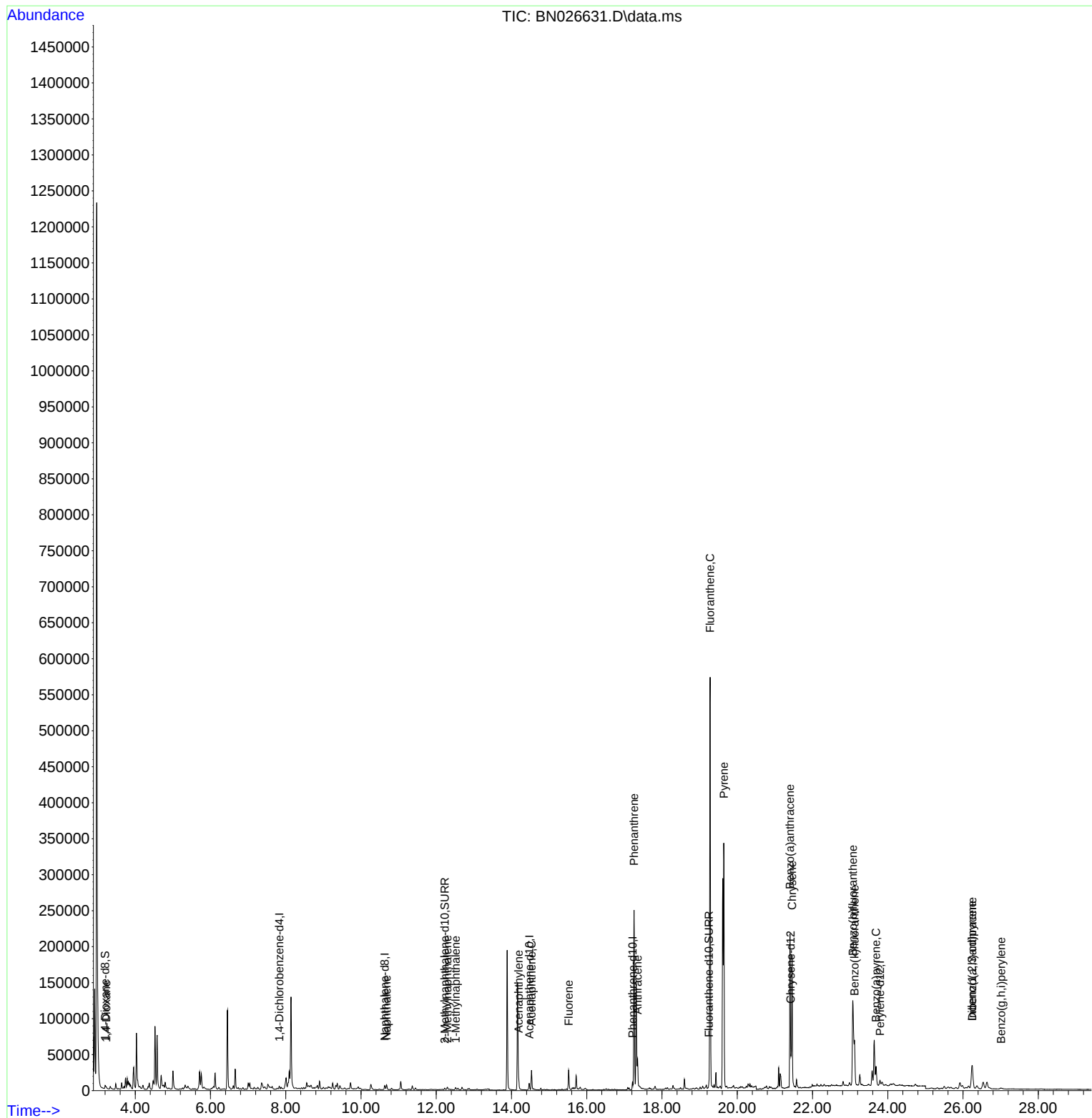
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026631.D
Acq On : 21 Jul 2023 16:25
Operator : MA/JU
Sample : 03472-33
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ALS Vial : 42 Sample Multiplier: 1

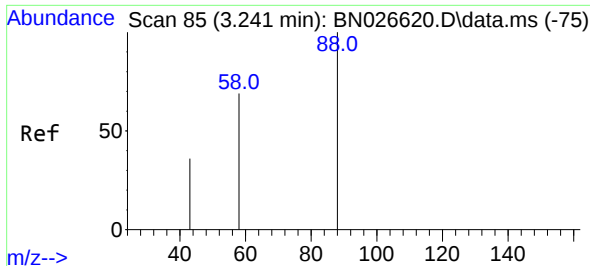
Instrument :
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Supervised By :mohammad ahmed 07/22/2023

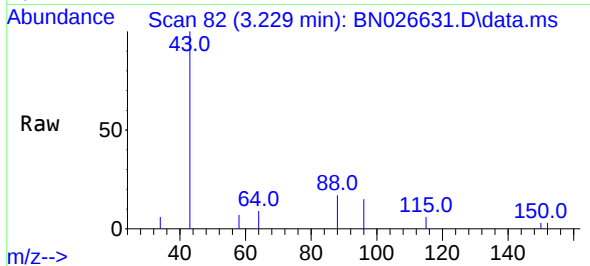
Quant Time: Jul 21 19:05:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.147 ng/ul
RT: 3.229 min Scan# 81
Delta R.T. -0.013 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

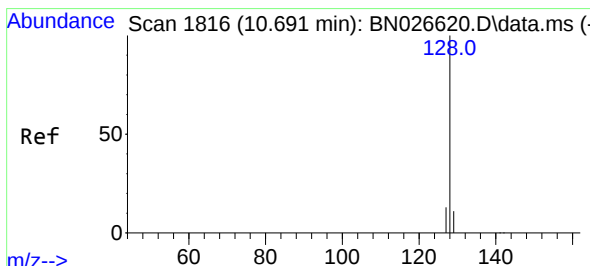
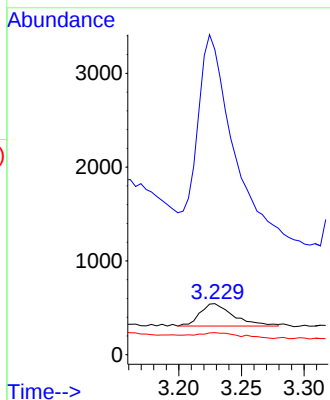
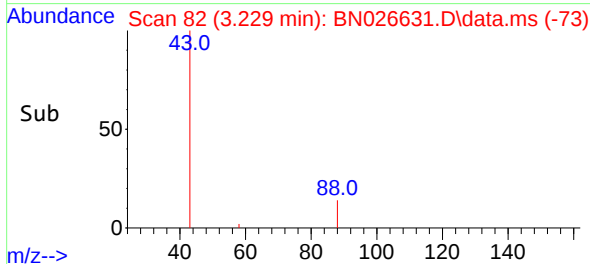
Instrument :
BNA_N
ClientSampleId :
A46T0



Tgt Ion: 88 Resp: 45
Ion Ratio Lower Upper
88 100
43 598.0 33.0 49.6
58 43.4 41.7 62.5

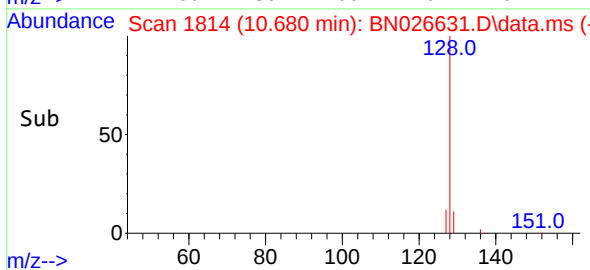
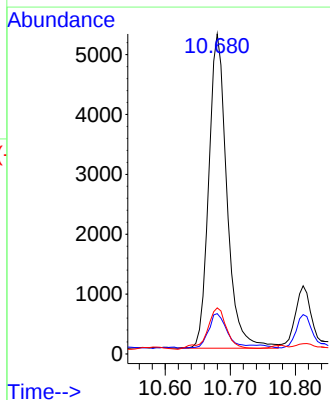
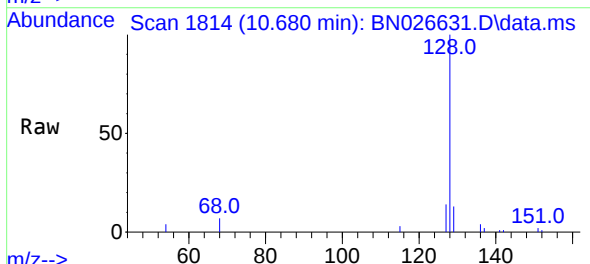
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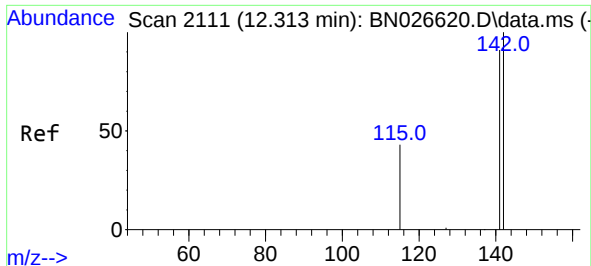
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#5
Naphthalene
Concen: 0.441 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

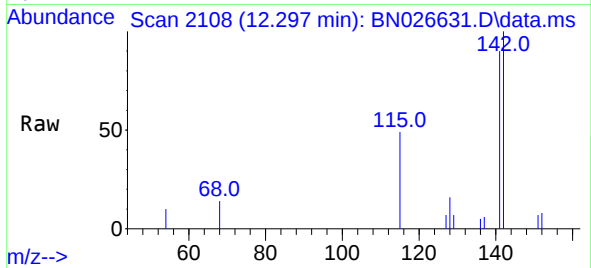
Tgt Ion:128 Resp: 10157
Ion Ratio Lower Upper
128 100
129 12.6 10.2 15.2
127 14.4 11.4 17.0





#7
2-Methylnaphthalene
Concen: 0.214 ng/ul
RT: 12.297 min Scan# 2111
Delta R.T. -0.016 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

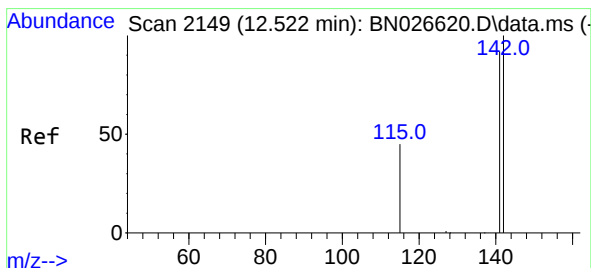
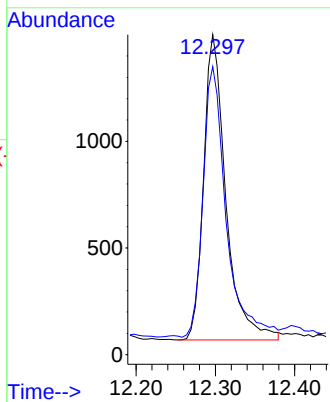
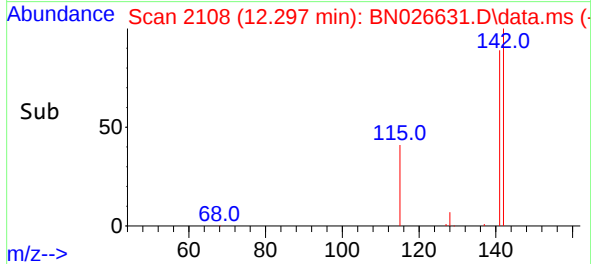
Instrument :
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ClientSampleId :
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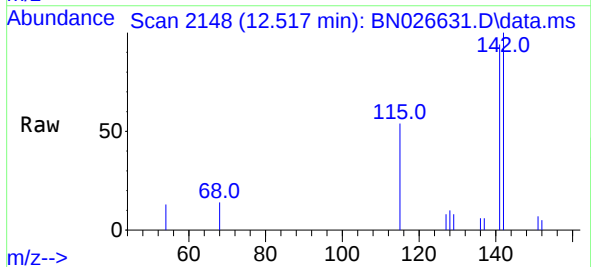
Tgt Ion:142 Resp: 2795
Ion Ratio Lower Upper
142 100
141 91.7 72.3 108.5

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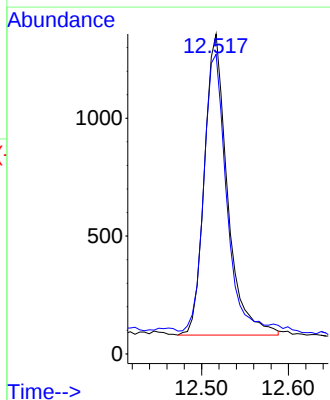
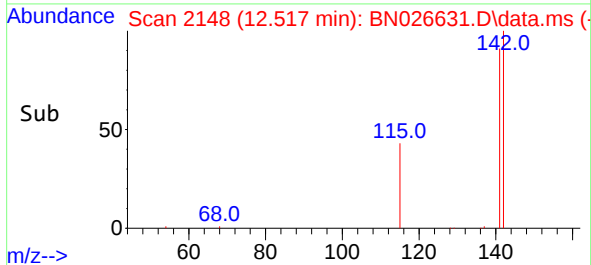
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

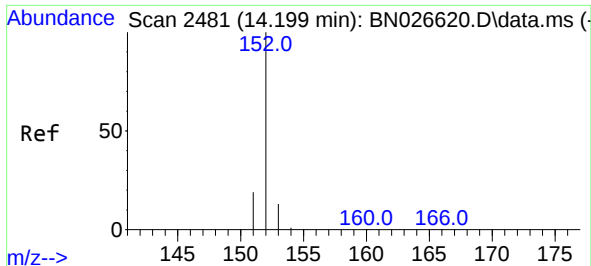


#8
1-Methylnaphthalene
Concen: 0.168 ng/ul
RT: 12.517 min Scan# 2148
Delta R.T. -0.005 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25



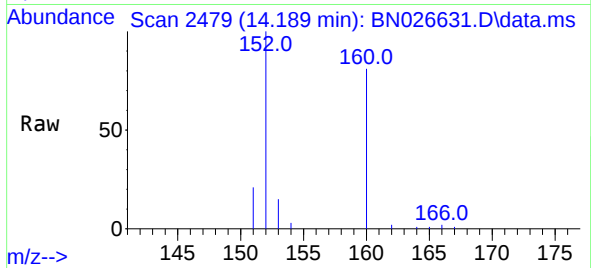
Tgt Ion:142 Resp: 2355
Ion Ratio Lower Upper
142 100
141 90.4 74.5 111.7





#10
Acenaphthylene
Concen: 0.533 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

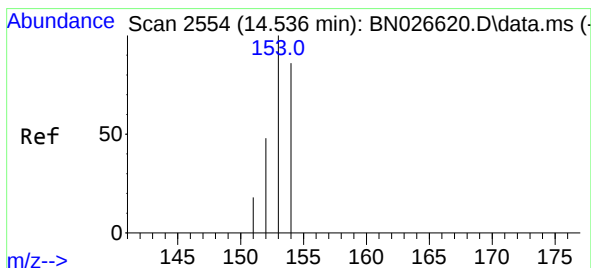
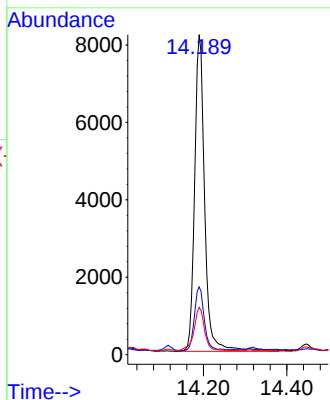
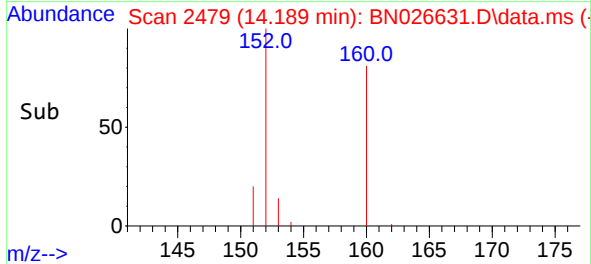
Instrument :
BNA_N
ClientSampleId :
A46T0



Tgt Ion:152 Resp: 13723
Ion Ratio Lower Upper
152 100
151 21.2 17.0 25.6
153 14.8 11.4 17.2

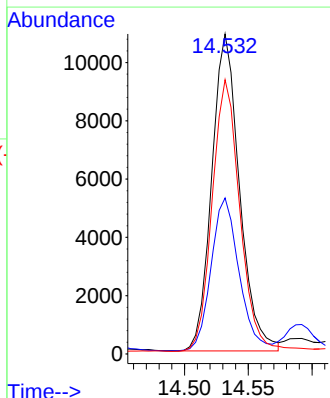
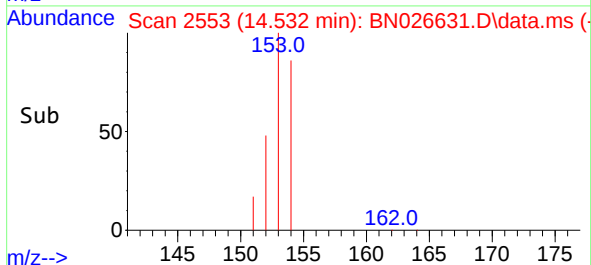
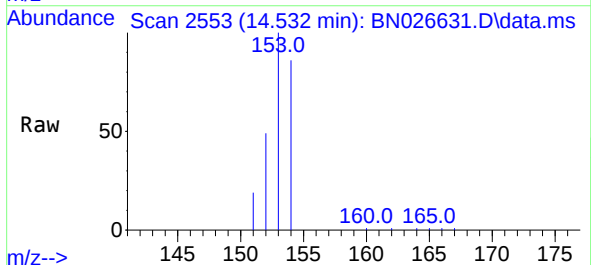
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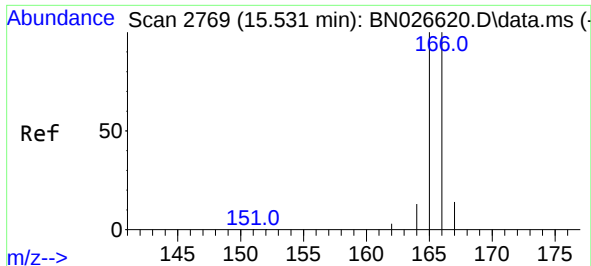
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#11
Acenaphthene
Concen: 0.840 ng/ul
RT: 14.532 min Scan# 2553
Delta R.T. -0.005 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

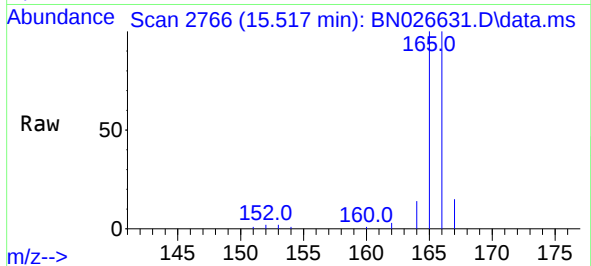
Tgt Ion:153 Resp: 16469
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.4
154 85.7 69.3 103.9





#12
Fluorene
Concen: 0.878 ng/ul
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

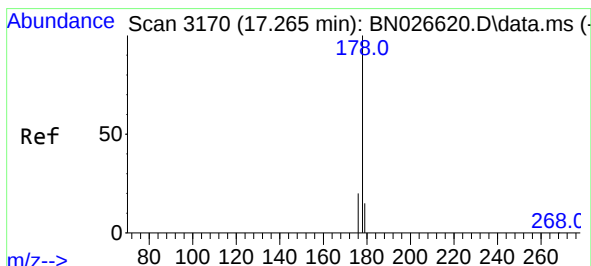
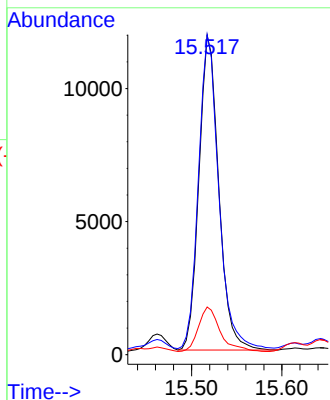
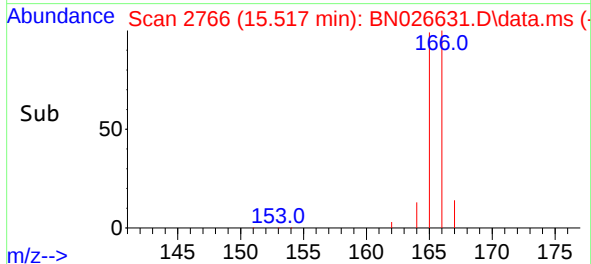
Instrument :
BNA_N
ClientSampleId :
A46T0



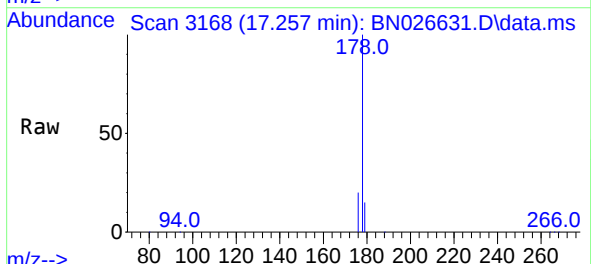
Tgt Ion:166 Resp: 1807
Ion Ratio Lower Upper
166 100
165 100.2 80.6 120.8
167 14.9 12.0 18.0

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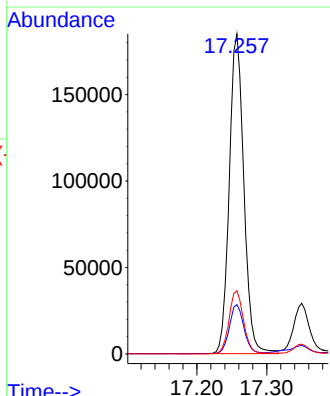
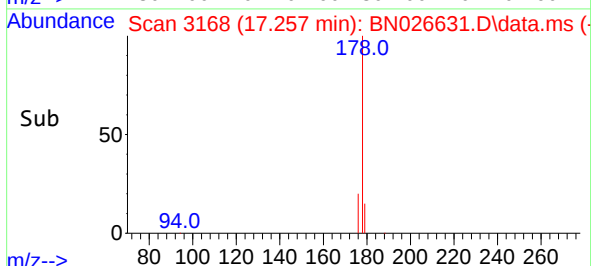
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

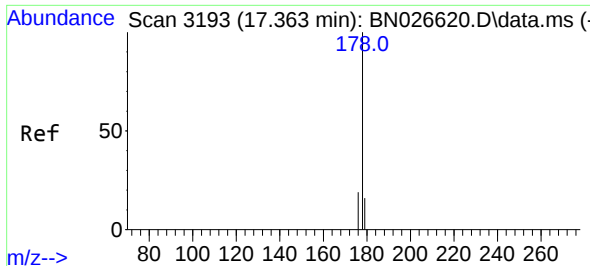


#15
Phenanthrene
Concen: 6.442 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.008 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25



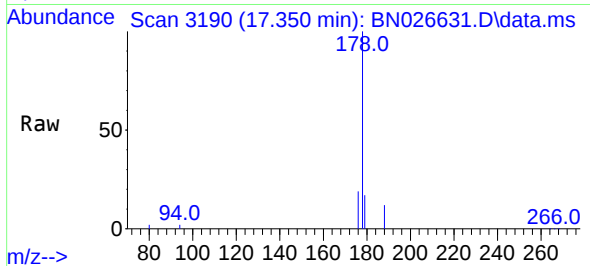
Tgt Ion:178 Resp: 267980
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.8 16.5 24.7





#16
 Anthracene
 Concen: 1.310 ng/ul
 RT: 17.350 min Scan# 3190
 Delta R.T. -0.013 min
 Lab File: BN026631.D
 Acq: 21 Jul 2023 16:25

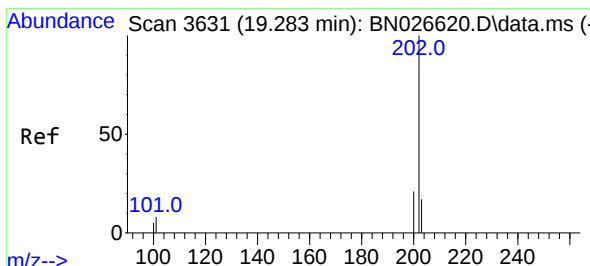
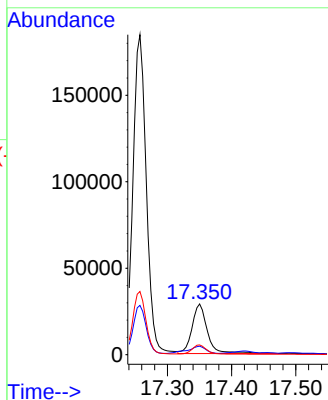
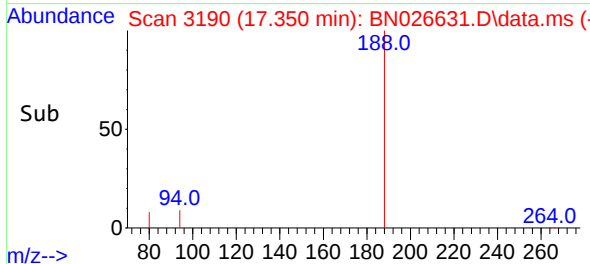
Instrument :
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 ClientSampleId :
 A46T0



Tgt Ion:178 Resp: 4727
 Ion Ratio Lower Upper
 178 100
 179 16.6 14.8 22.2
 176 19.3 16.6 25.0

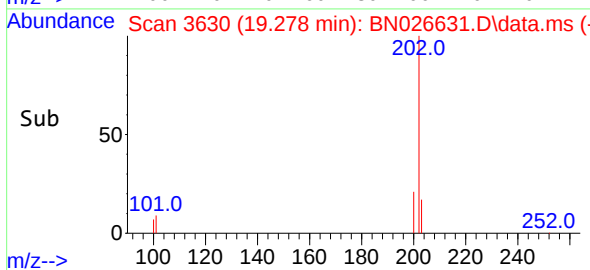
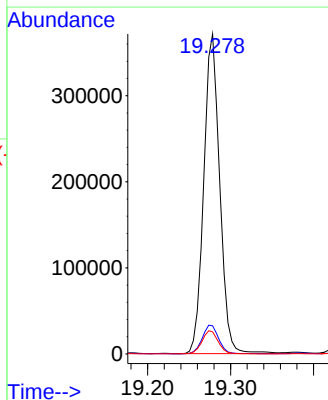
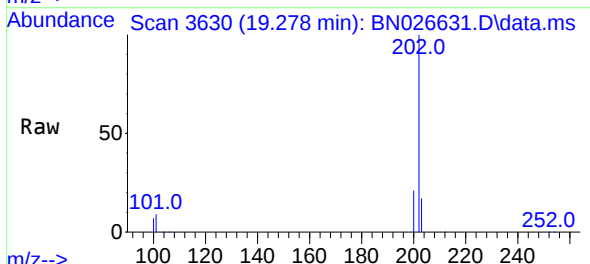
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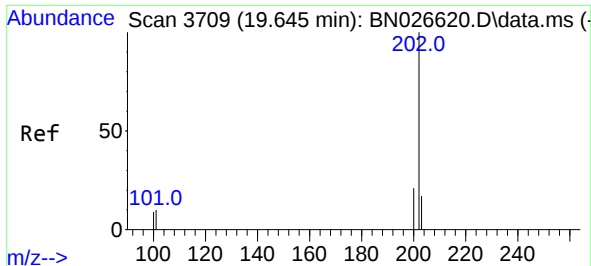
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 9.793 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026631.D
 Acq: 21 Jul 2023 16:25

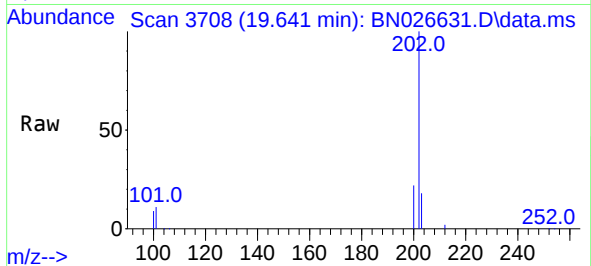
Tgt Ion:202 Resp: 498497
 Ion Ratio Lower Upper
 202 100
 101 8.8 7.0 10.4
 100 6.9 6.0 9.0





#20
Pyrene
Concen: 5.431 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

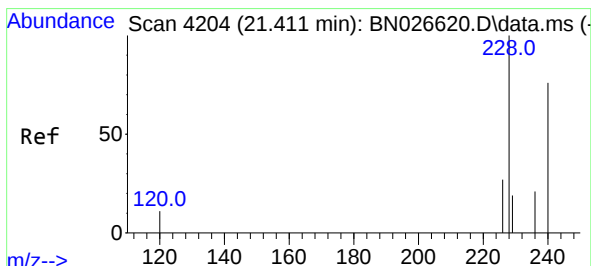
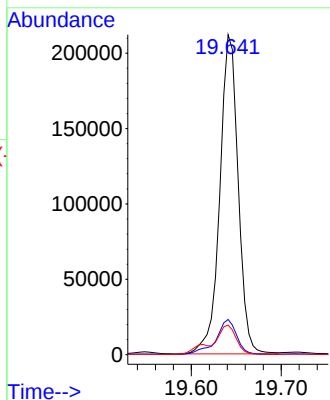
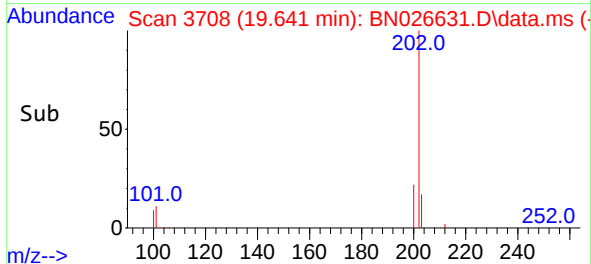
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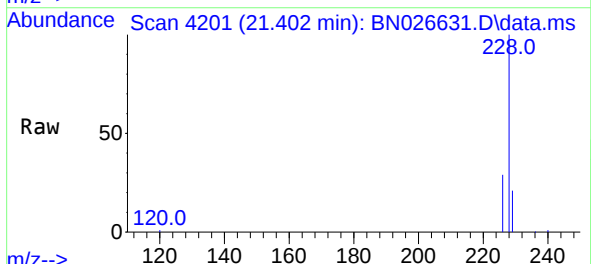
Tgt Ion:202 Resp: 300222
Ion Ratio Lower Upper
202 100
101 11.0 8.0 12.0
100 9.3 6.2 9.2

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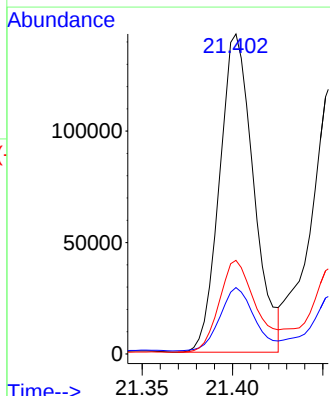
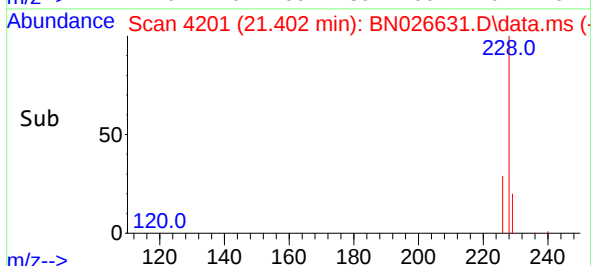
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

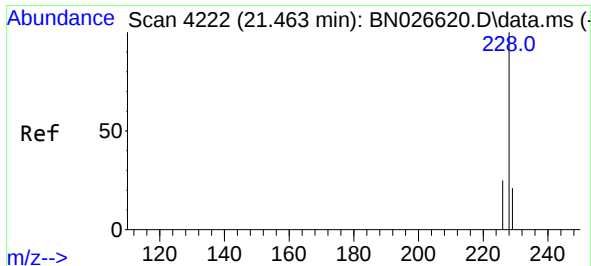


#21
Benzo(a)anthracene
Concen: 4.703 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. -0.009 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25



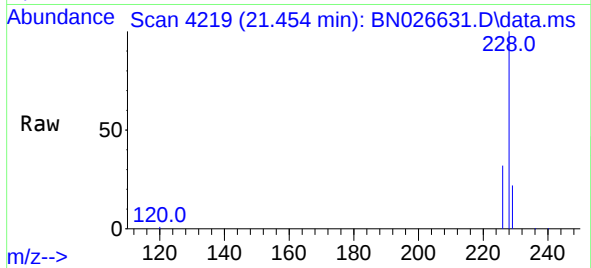
Tgt Ion:228 Resp: 187678
Ion Ratio Lower Upper
228 100
229 20.7 16.7 25.1
226 29.3 23.5 35.3





#22
Chrysene
Concen: 4.075 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. -0.009 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

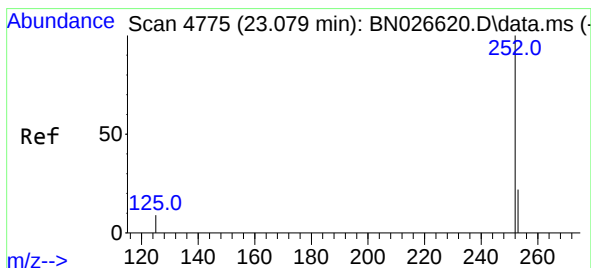
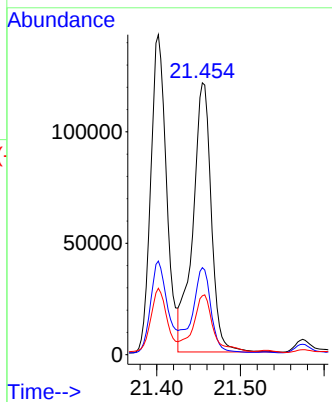
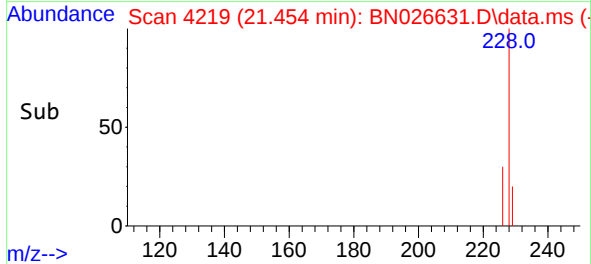
Instrument :
BNA_N
ClientSampleId :
A46T0



Tgt Ion:228 Resp: 185090
Ion Ratio Lower Upper
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226 32.0 25.2 37.8
229 21.7 16.4 24.6

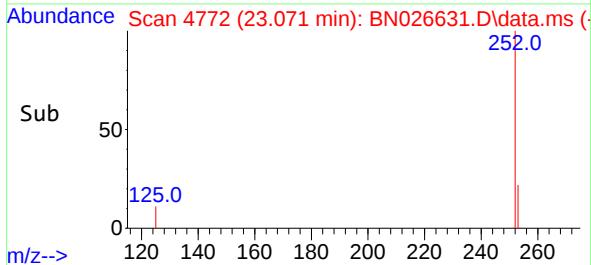
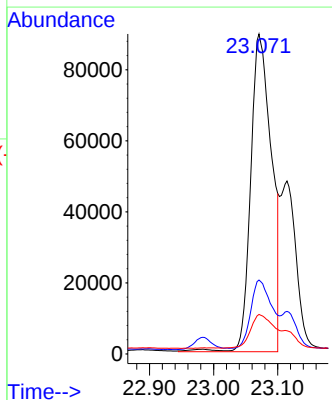
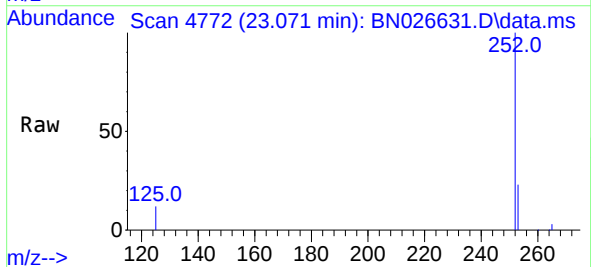
Manual Integrations
APPROVED

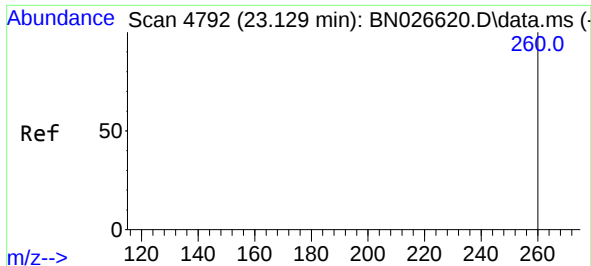
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#24
Benzo(b)fluoranthene
Concen: 5.291 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. -0.009 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

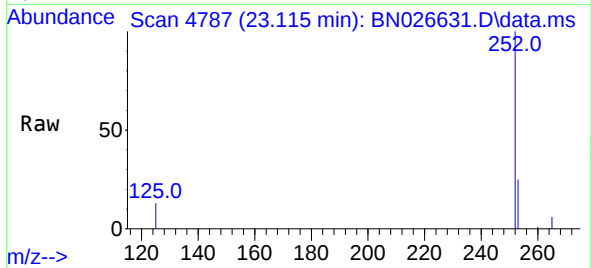
Tgt Ion:252 Resp: 201525
Ion Ratio Lower Upper
252 100
253 23.1 0.0 68.6
125 12.4 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 2.194 ng/ul m
RT: 23.115 min Scan# 4792
Delta R.T. -0.015 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

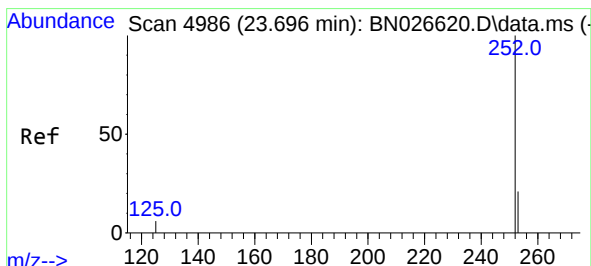
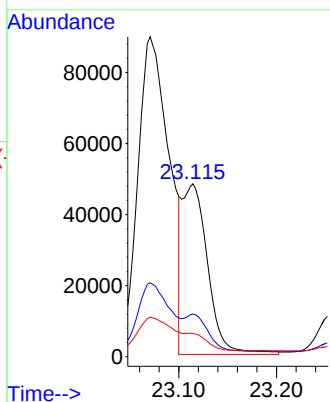
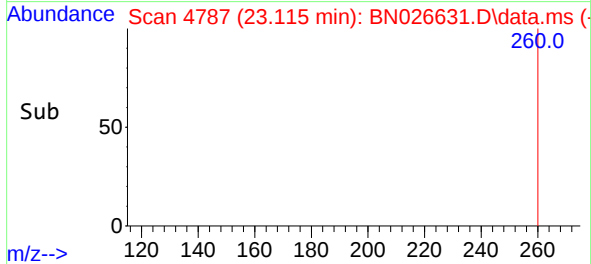
Instrument :
BNA_N
ClientSampleId :
A46T0



Tgt Ion:252 Resp: 8757
Ion Ratio Lower Upper
252 100
253 24.6 27.2 40.8#
125 13.5 13.4 20.2

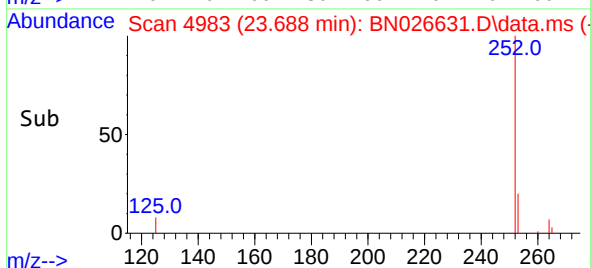
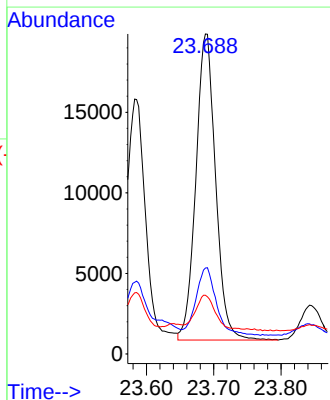
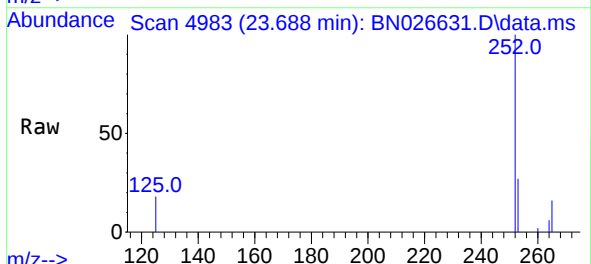
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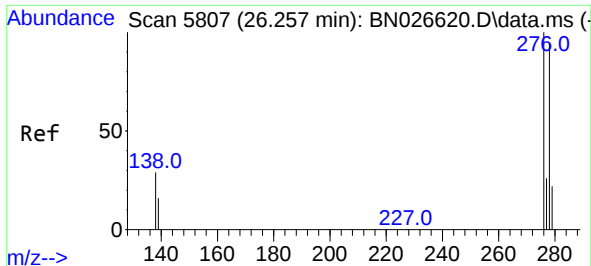
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#26
Benzo(a)pyrene
Concen: 1.141 ng/ul
RT: 23.688 min Scan# 4983
Delta R.T. -0.009 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

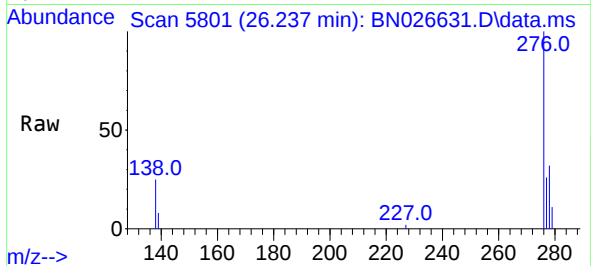
Tgt Ion:252 Resp: 38675
Ion Ratio Lower Upper
252 100
253 26.9 32.6 49.0#
125 18.4 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 1.150 ng/ul
RT: 26.237 min Scan# 5807
Delta R.T. -0.020 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

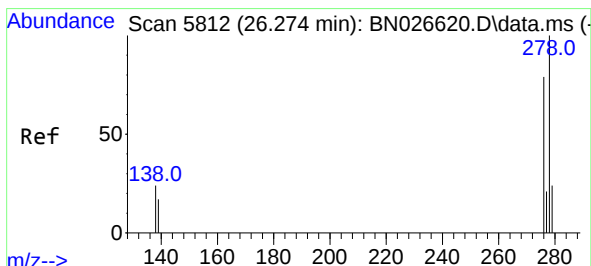
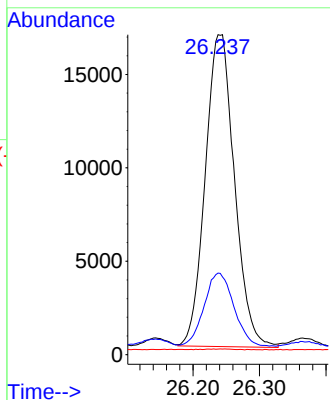
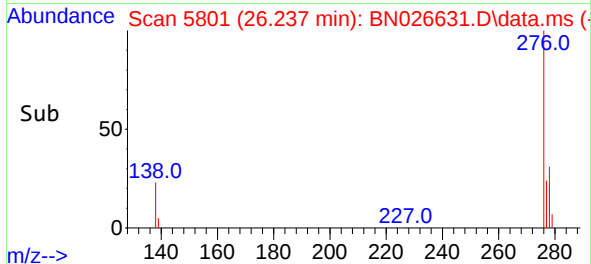
Instrument :
BNA_N
ClientSampleId :
A46T0



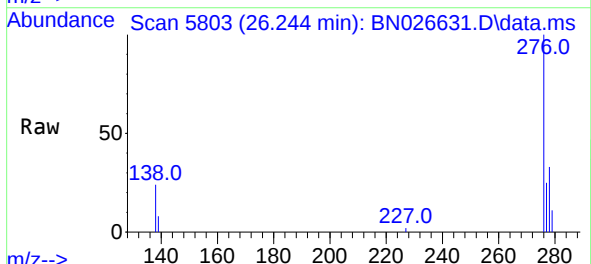
Tgt Ion:276 Resp: 51090
Ion Ratio Lower Upper
276 100
138 24.0 22.2 33.4
227 0.2 0.1 0.1

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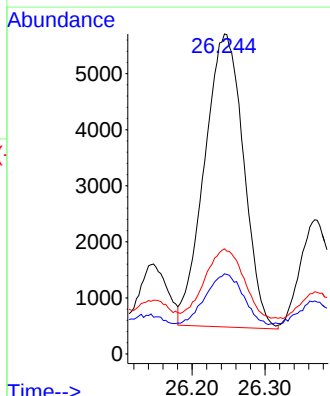
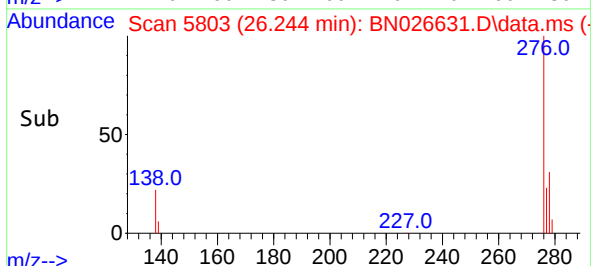
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

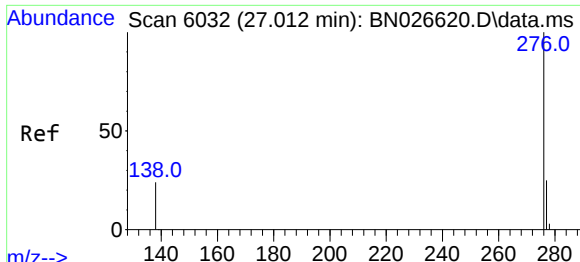


#28
Dibenzo(a,h)anthracene
Concen: 0.570 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.030 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25



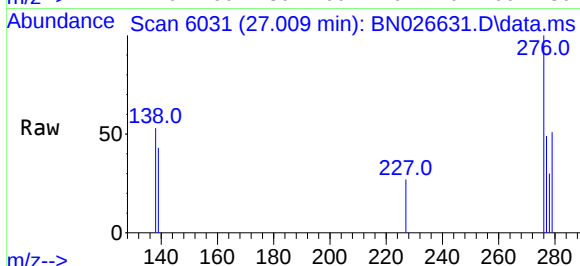
Tgt Ion:278 Resp: 19438
Ion Ratio Lower Upper
278 100
139 25.1 18.9 28.3
279 32.8 31.3 46.9





#29
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 27.009 min Scan# 6031
Delta R.T. -0.003 min
Lab File: BN026631.D
Acq: 21 Jul 2023 16:25

Instrument :
BNA_N
ClientSampleId :
A46T0



Tgt Ion:	276	Resp:	280
Ion	Ratio	Lower	Upper
276	100		
138	52.7	22.6	34.0
277	48.7	21.8	32.8

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

