

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026625.D
 Acq On : 21 Jul 2023 12:41
 Operator : MA/JU
 Sample : 03472-19
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R0

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 15:47:15 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	2332	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	8099	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.471	164	5225	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	16811	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.416	240	10916	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	10194	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7099	2.311	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	4345	0.395	ng/ul	-0.02
18) Fluoranthene-d10	19.246	212	14637	0.387	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	3054	0.137	ng/ul#	93
7) 2-Methylnaphthalene	12.308	142	923	0.073	ng/ul	99
8) 1-Methylnaphthalene	12.522	142	603	0.045	ng/ul	98
10) Acenaphthylene	14.189	152	6019	0.235	ng/ul	95
11) Acenaphthene	14.536	153	2993	0.154	ng/ul	99
12) Fluorene	15.517	166	4580	0.224	ng/ul#	96
15) Phenanthrene	17.257	178	85700	1.601	ng/ul	98
16) Anthracene	17.350	178	14753	0.318	ng/ul	98
19) Fluoranthene	19.278	202	184783	3.611	ng/ul	99
20) Pyrene	19.641	202	166904	3.004	ng/ul	97
21) Benzo(a)anthracene	21.399	228	70357	1.754	ng/ul	99
22) Chrysene	21.454	228	77269	1.692	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	87058m	2.192	ng/ul	
25) Benzo(k)fluoranthene	23.111	252	32002m	0.769	ng/ul	
26) Benzo(a)pyrene	23.682	252	52387	1.482	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.244	276	35405	0.764	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.247	278	8039	0.226	ng/ul#	91
29) Benzo(g,h,i)perylene	26.999	276	35089	0.858	ng/ul	95

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

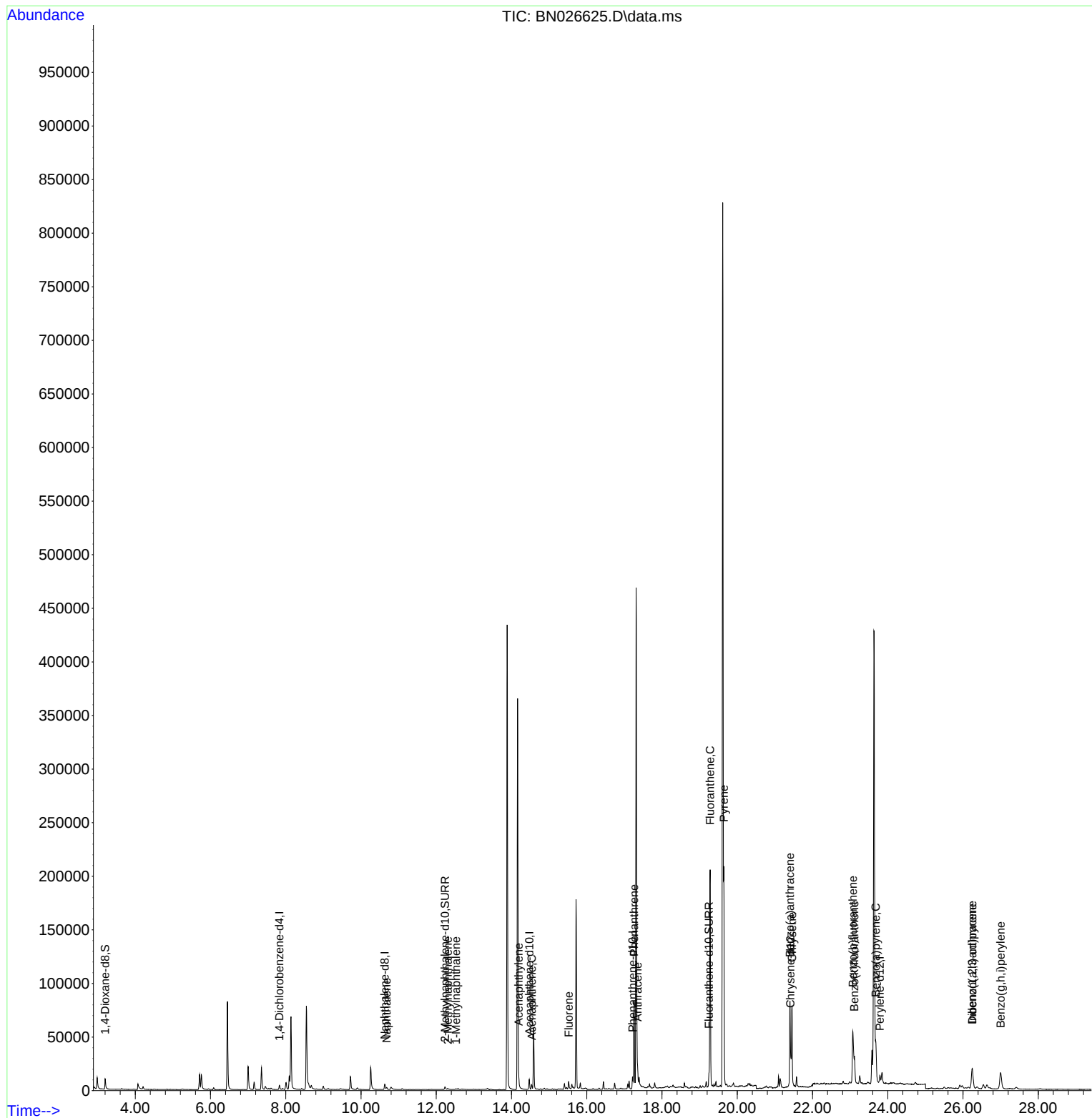
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026625.D
Acq On : 21 Jul 2023 12:41
Operator : MA/JU
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ALS Vial : 36 Sample Multiplier: 1

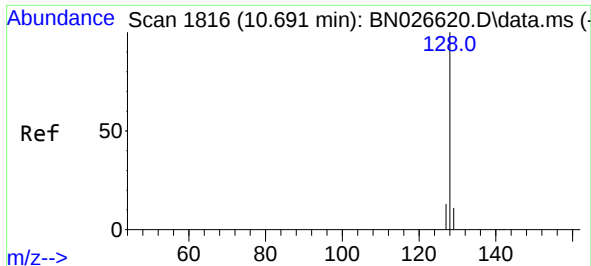
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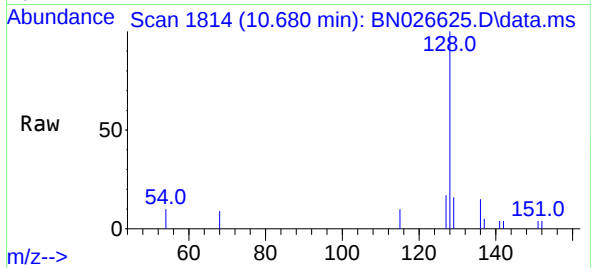
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.137 ng/ul
RT: 10.680 min Scan# 1816
Delta R.T. -0.022 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

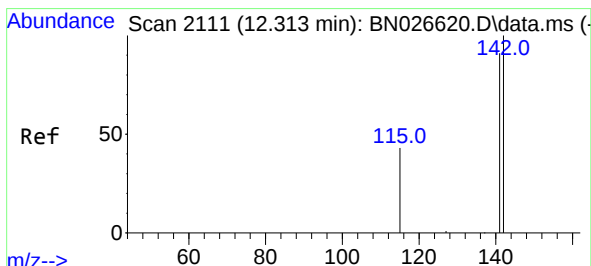
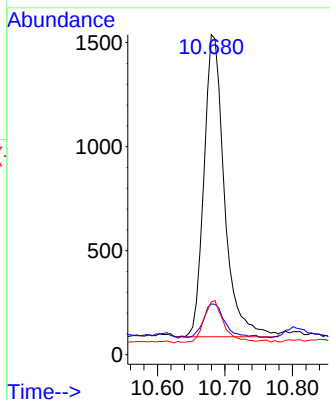
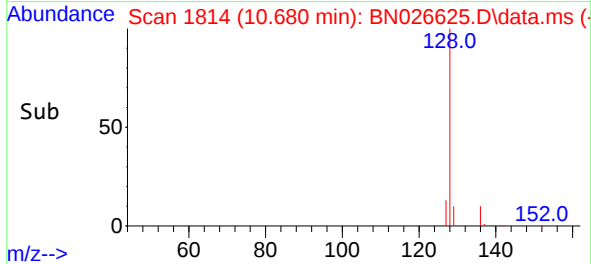
Instrument :
BNA_N
ClientSampleId :
A46R0



Tgt Ion:128 Resp: 3054
Ion Ratio Lower Upper
128 100
129 15.9 10.2 15.2
127 16.5 11.4 17.0

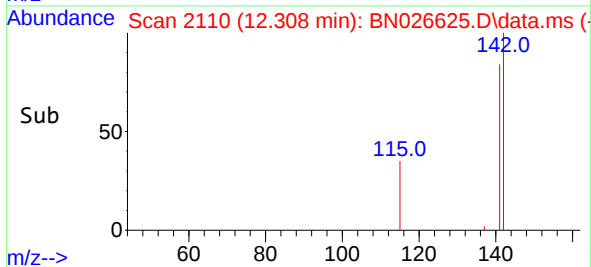
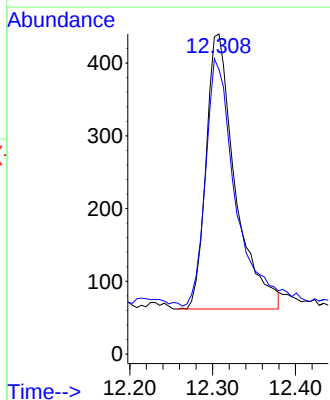
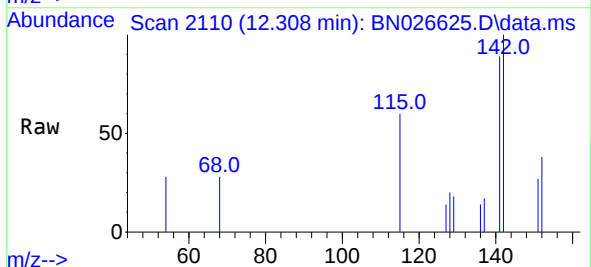
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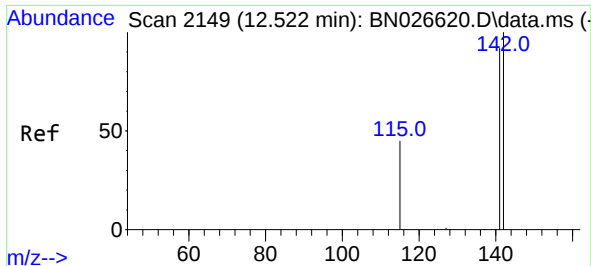
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. -0.011 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

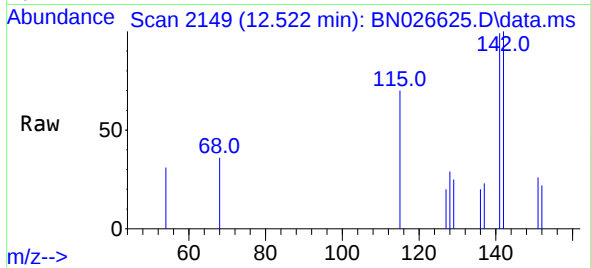
Tgt Ion:142 Resp: 923
Ion Ratio Lower Upper
142 100
141 90.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

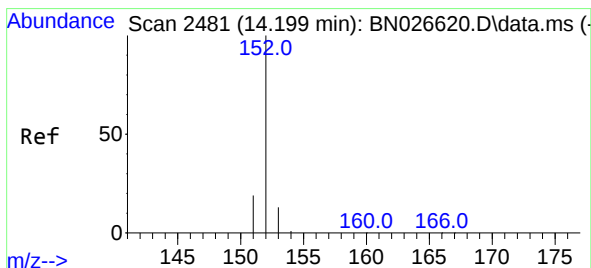
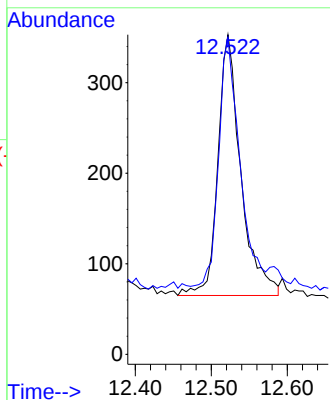
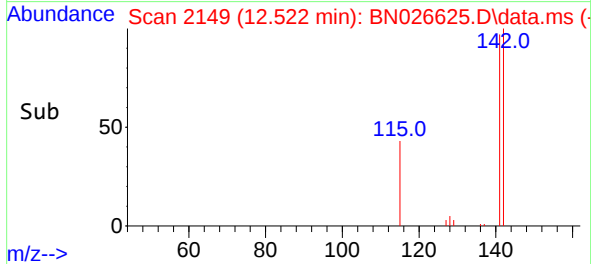
Instrument :
BNA_N
ClientSampleId :
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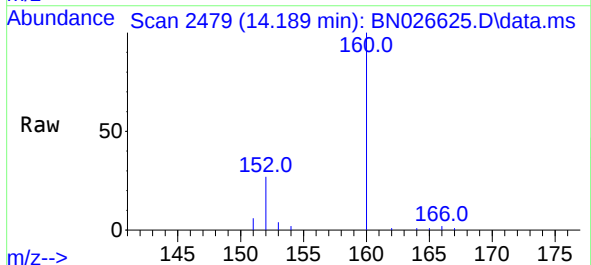
Tgt Ion:142 Resp: 600
Ion Ratio Lower Upper
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141 90.9 74.5 111.7

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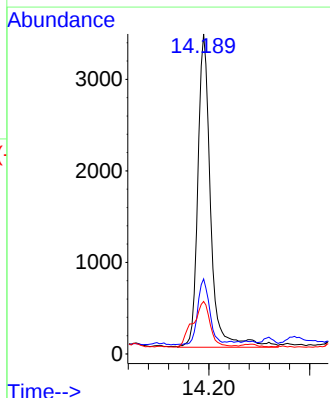
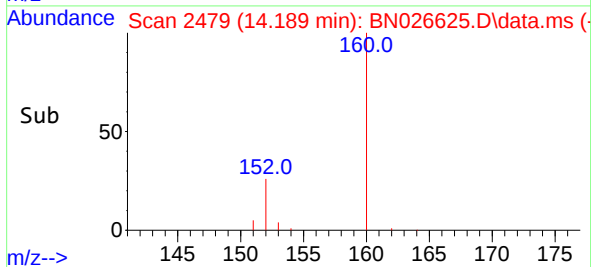
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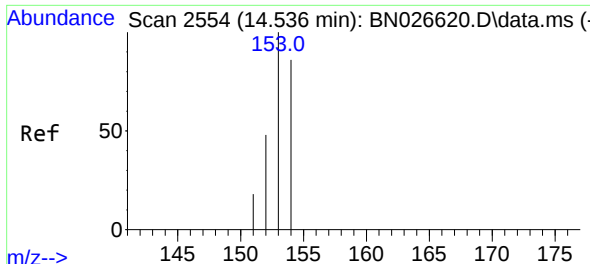


#10
Acenaphthylene
Concen: 0.235 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41



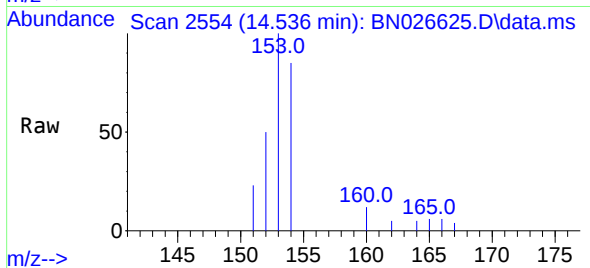
Tgt Ion:152 Resp: 6019
Ion Ratio Lower Upper
152 100
151 23.5 17.0 25.6
153 16.4 11.4 17.2





#11
Acenaphthene
Concen: 0.154 ng/ul
RT: 14.536 min Scan# 2554
Delta R.T. -0.000 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

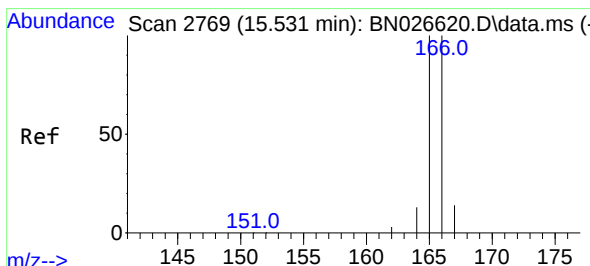
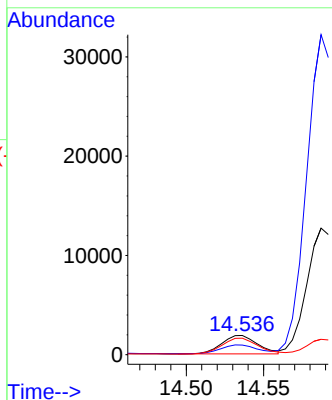
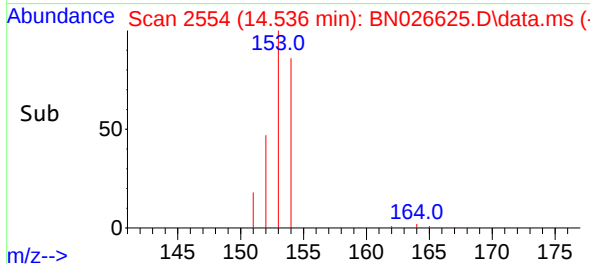
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 299
Ion Ratio Lower Upper
153 100
152 49.8 40.2 60.4
154 85.5 69.3 103.9

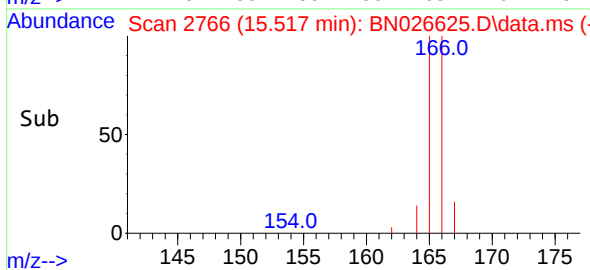
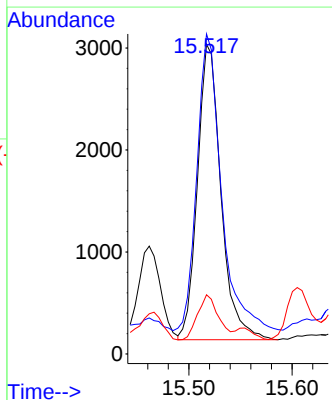
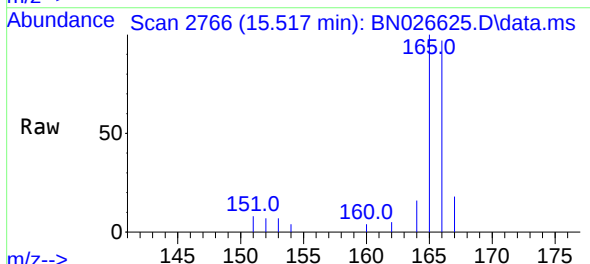
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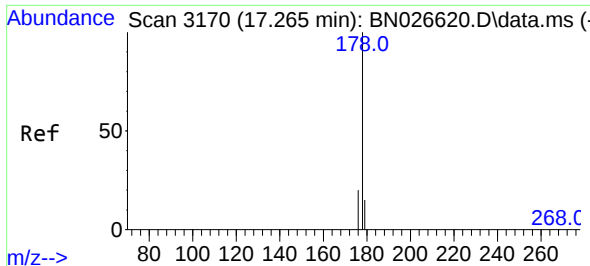
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#12
Fluorene
Concen: 0.224 ng/ul
RT: 15.517 min Scan# 2766
Delta R.T. -0.014 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

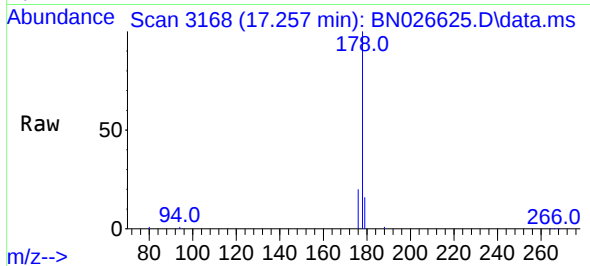
Tgt Ion:166 Resp: 4580
Ion Ratio Lower Upper
166 100
165 103.3 80.6 120.8
167 19.1 12.0 18.0#





#15
Phenanthrene
Concen: 1.601 ng/u1
RT: 17.257 min Scan# 3170
Delta R.T. -0.013 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

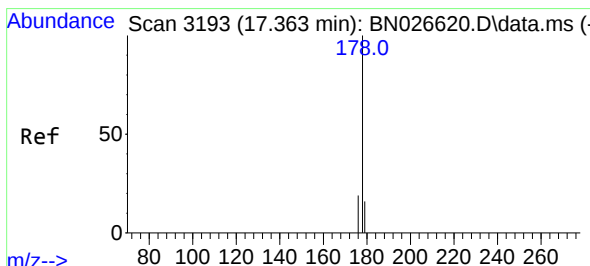
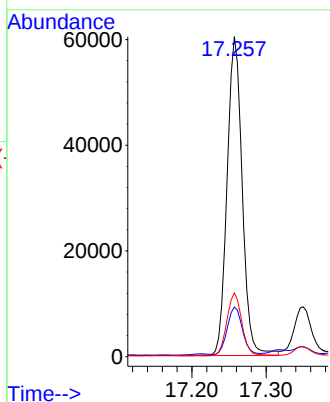
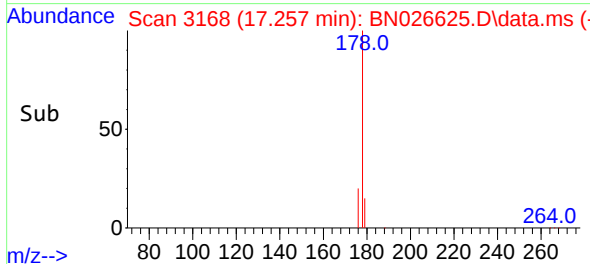
Instrument :
BNA_N
ClientSampleId :
A46R0



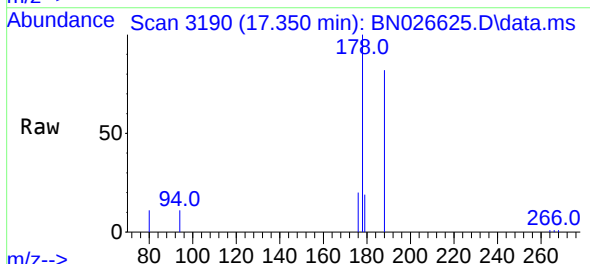
Tgt Ion:178 Resp: 85700
Ion Ratio Lower Upper
178 100
179 15.5 13.7 20.5
176 20.0 16.5 24.7

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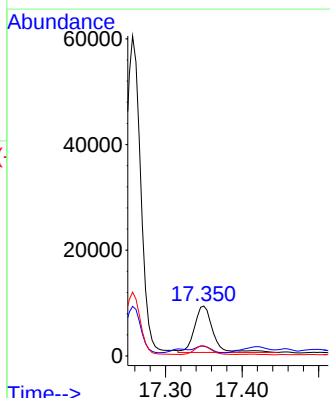
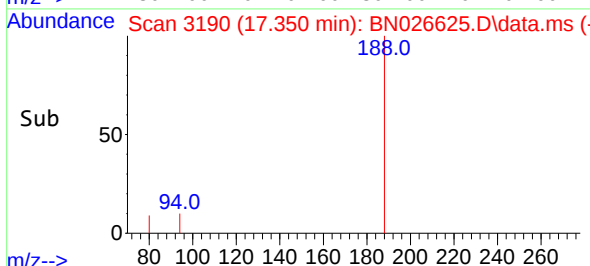
Reviewed By :Yogesh Patel 07/22/2023
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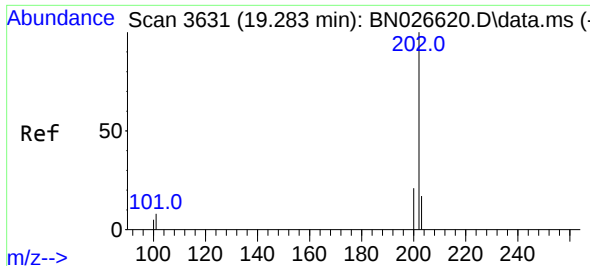


#16
Anthracene
Concen: 0.318 ng/u1
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41



Tgt Ion:178 Resp: 14753
Ion Ratio Lower Upper
178 100
179 19.4 14.8 22.2
176 20.1 16.6 25.0





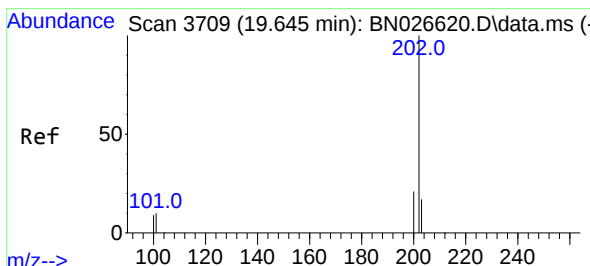
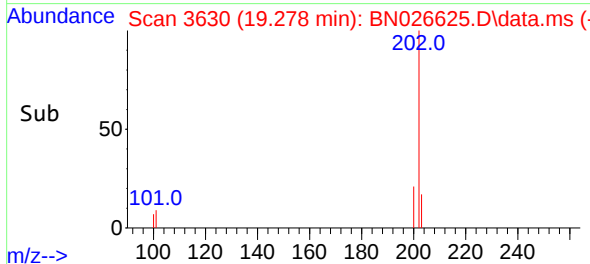
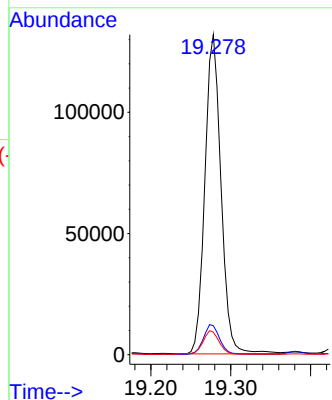
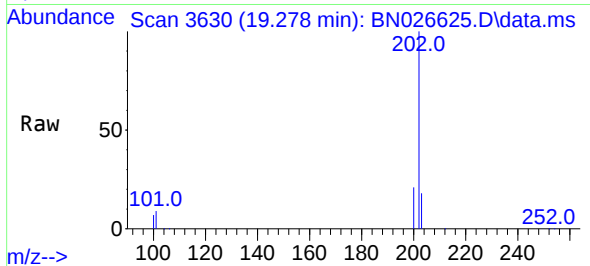
#19
Fluoranthene
Concen: 3.611 ng/u1
RT: 19.278 min Scan# 30
Delta R.T. -0.005 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

Instrument :
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ClientSampleId :
A46R0

Tgt Ion:202 Resp: 18478
Ion Ratio Lower Upper
202 100
101 9.0 7.0 10.4
100 7.1 6.0 9.0

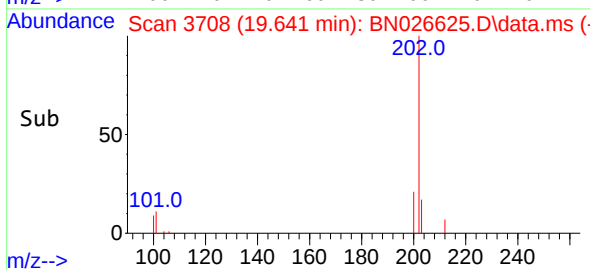
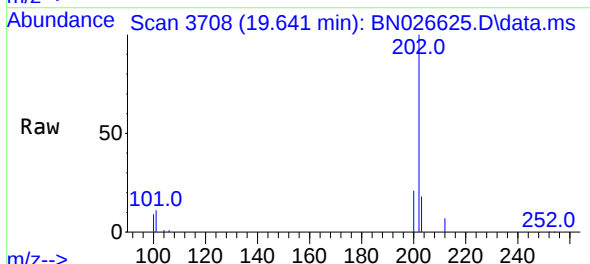
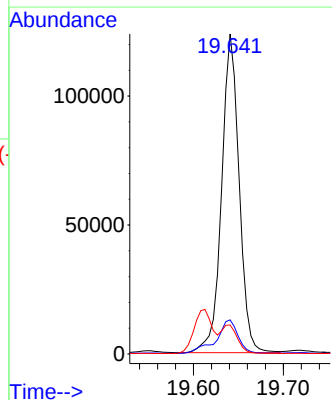
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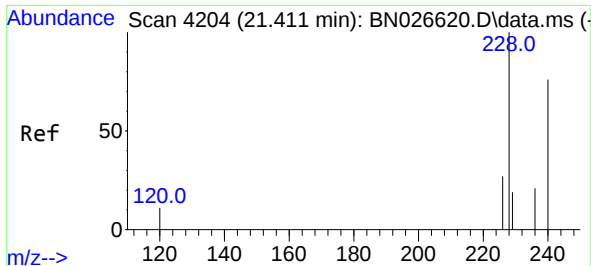
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#20
Pyrene
Concen: 3.004 ng/u1
RT: 19.641 min Scan# 3708
Delta R.T. -0.005 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

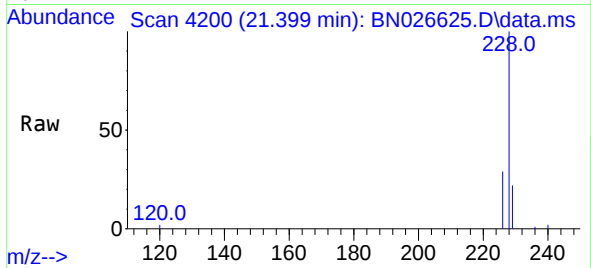
Tgt Ion:202 Resp: 166904
Ion Ratio Lower Upper
202 100
101 10.6 8.0 12.0
100 9.0 6.2 9.2





#21
Benzo(a)anthracene
Concen: 1.754 ng/ul
RT: 21.399 min Scan# 4219
Delta R.T. -0.000 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

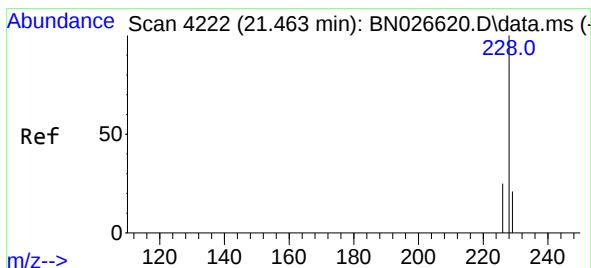
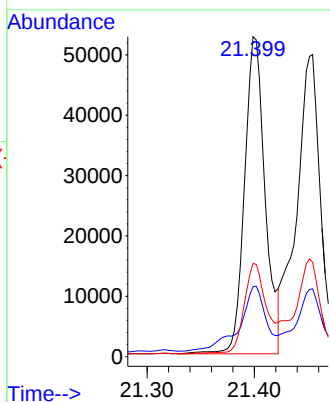
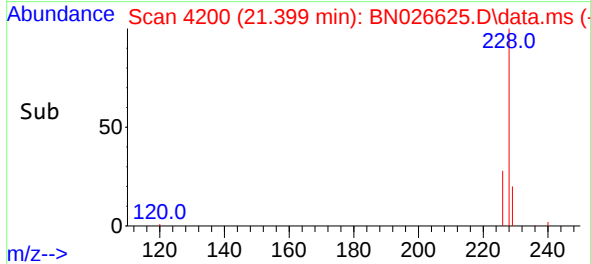
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Tgt Ion:228 Resp: 7035
Ion Ratio Lower Upper
228 100
229 21.9 16.7 25.1
226 29.2 23.5 35.3

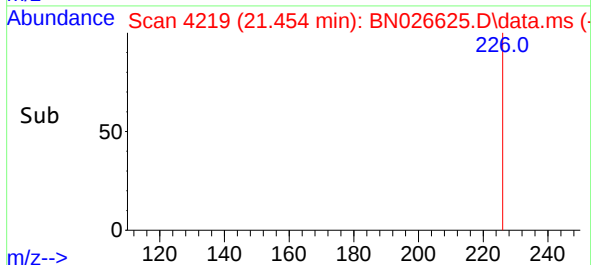
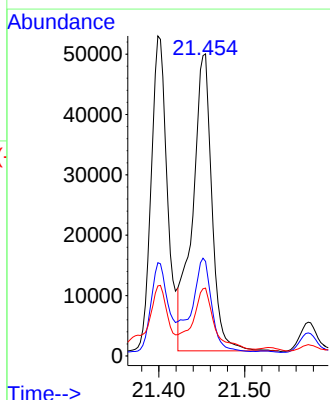
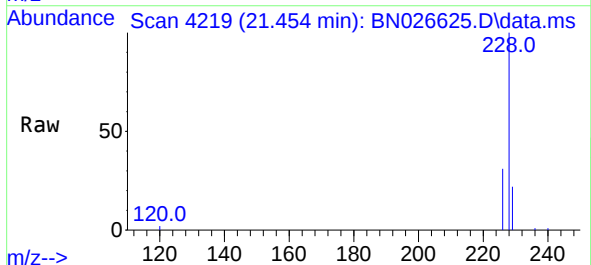
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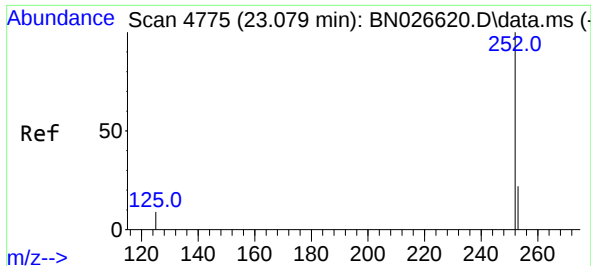
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#22
Chrysene
Concen: 1.692 ng/ul
RT: 21.454 min Scan# 4219
Delta R.T. 0.003 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

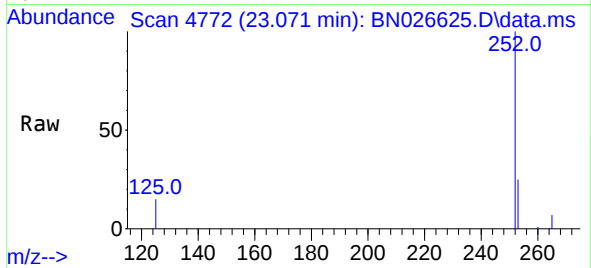
Tgt Ion:228 Resp: 77269
Ion Ratio Lower Upper
228 100
226 31.3 25.2 37.8
229 22.5 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 2.192 ng/ul m
RT: 23.071 min Scan# 4775
Delta R.T. 0.003 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

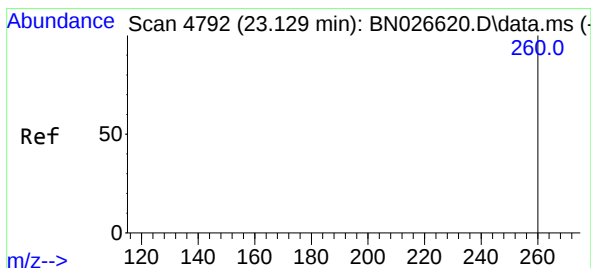
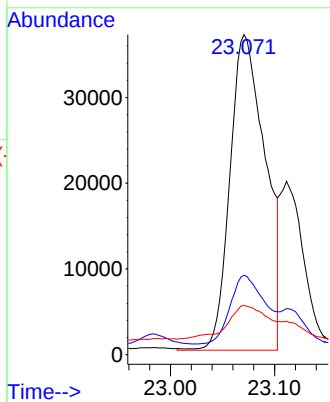
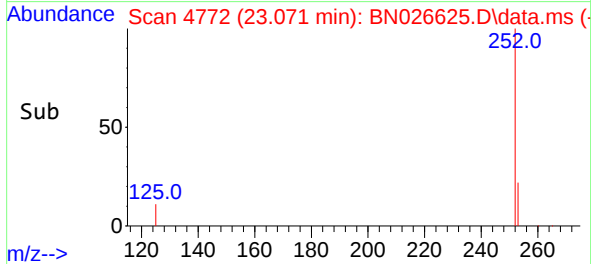
Instrument :
BNA_N
ClientSampleId :
A46R0



Tgt Ion:252 Resp: 87058
Ion Ratio Lower Upper
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253 24.8 0.0 68.6
125 15.4 0.0 34.0

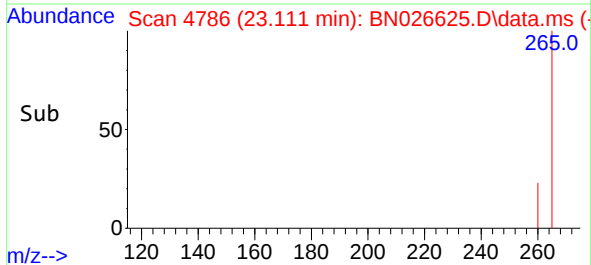
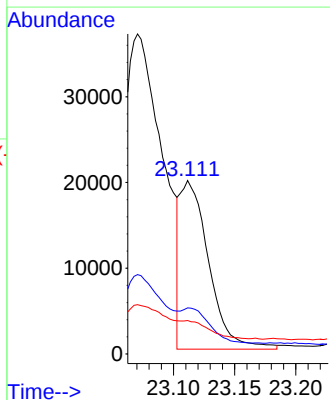
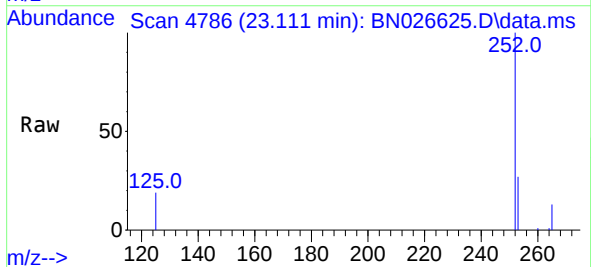
Manual Integrations
APPROVED

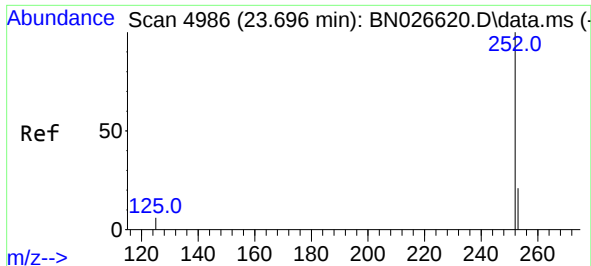
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#25
Benzo(k)fluoranthene
Concen: 0.769 ng/ul m
RT: 23.111 min Scan# 4786
Delta R.T. -0.000 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

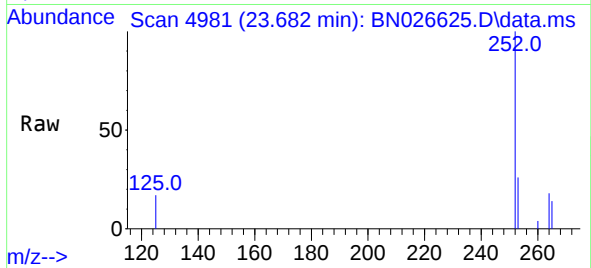
Tgt Ion:252 Resp: 32002
Ion Ratio Lower Upper
252 100
253 26.6 27.2 40.8#
125 19.3 13.4 20.2





#26
Benzo(a)pyrene
Concen: 1.482 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

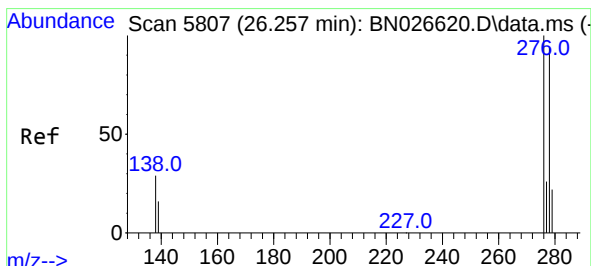
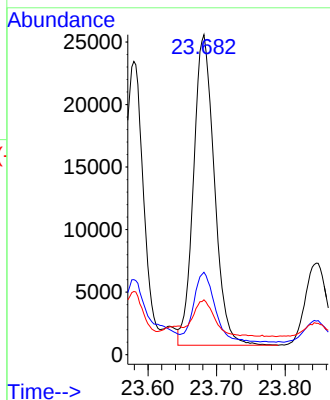
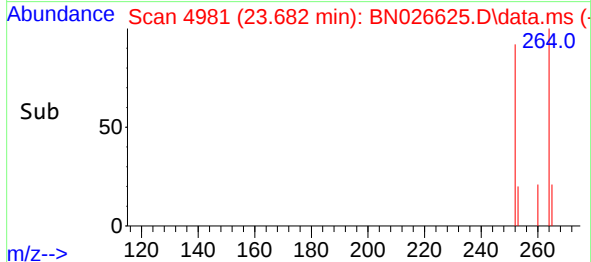
Instrument :
BNA_N
ClientSampleId :
A46R0



Tgt Ion:252 Resp: 5238
Ion Ratio Lower Upper
252 100
253 25.8 32.6 49.0
125 17.2 19.3 28.9

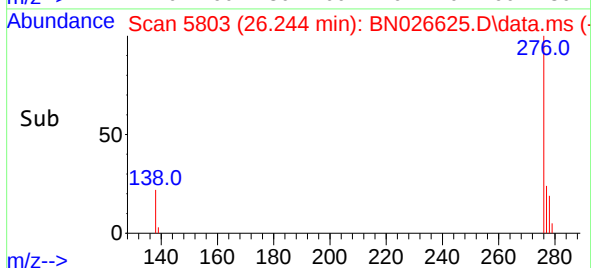
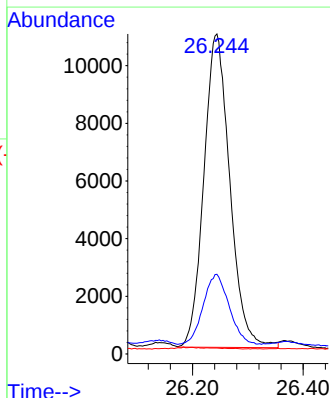
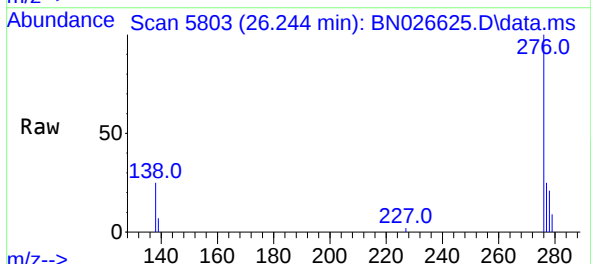
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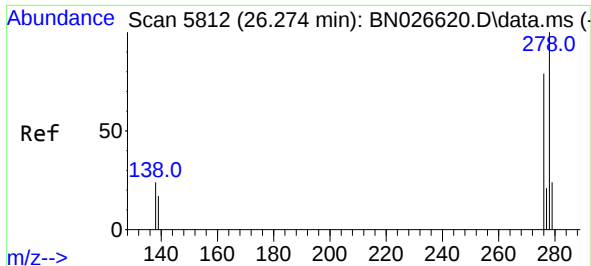
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.764 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.004 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

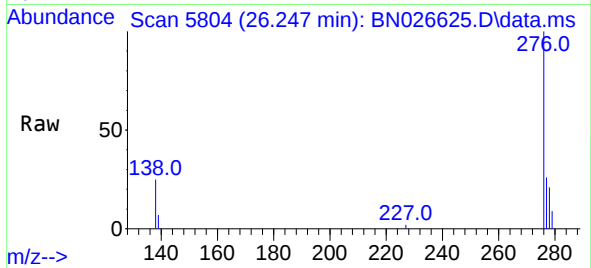
Tgt Ion:276 Resp: 35405
Ion Ratio Lower Upper
276 100
138 22.6 22.2 33.4
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.226 ng/ul
RT: 26.247 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

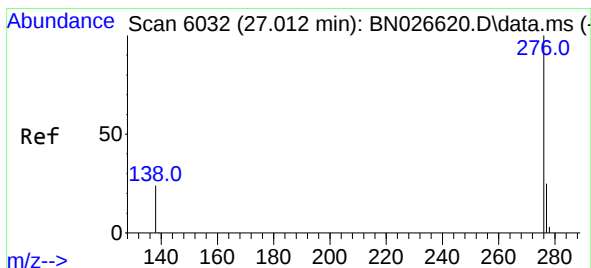
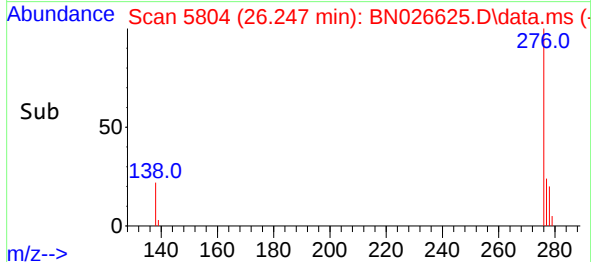
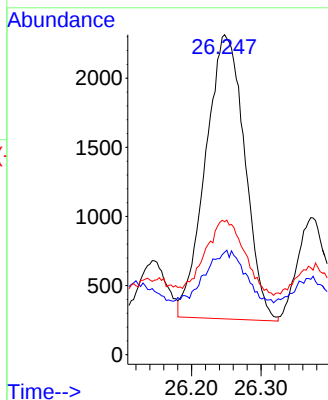
Instrument :
BNA_N
ClientSampleId :
A46R0



Tgt Ion:278 Resp: 8039
Ion Ratio Lower Upper
278 100
139 32.0 18.9 28.3
279 41.6 31.3 46.9

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



#29
Benzo(g,h,i)perylene
Concen: 0.858 ng/ul
RT: 26.999 min Scan# 6028
Delta R.T. -0.000 min
Lab File: BN026625.D
Acq: 21 Jul 2023 12:41

Tgt Ion:276 Resp: 35089
Ion Ratio Lower Upper
276 100
138 24.9 22.6 34.0
277 25.2 21.8 32.8

