

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026627.D
 Acq On : 21 Jul 2023 13:56
 Operator : MA/JU
 Sample : 03472-22
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R3

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 16:01:46 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	7.831	152	2769	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.630	136	9172	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.471	164	5999	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	24770	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.416	240	11746	0.400	ng/ul	0.00
23) Perylene-d12	23.792	264	11044	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	10290	2.822	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.225	152	5423	0.435	ng/ul	-0.02
18) Fluoranthene-d10	19.250	212	16878	0.414	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.685	128	1497	0.059	ng/ul#	80
7) 2-Methylnaphthalene	12.302	142	537	0.038	ng/ul	94
8) 1-Methylnaphthalene	12.516	142	1325	0.087	ng/ul	85
10) Acenaphthylene	14.189	152	3505	0.119	ng/ul#	85
12) Fluorene	15.517	166	3958	0.169	ng/ul#	93
15) Phenanthrene	17.257	178	51487	0.653	ng/ul	98
16) Anthracene	17.350	178	7307	0.107	ng/ul	96
19) Fluoranthene	19.278	202	106985	1.943	ng/ul	99
20) Pyrene	19.640	202	105357	1.762	ng/ul#	96
21) Benzo(a)anthracene	21.399	228	45038	1.043	ng/ul	97
22) Chrysene	21.451	228	54687	1.113	ng/ul	97
24) Benzo(b)fluoranthene	23.070	252	60588m	1.408	ng/ul	
25) Benzo(k)fluoranthene	23.108	252	24446m	0.542	ng/ul	
26) Benzo(a)pyrene	23.681	252	36286	0.947	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.243	276	26696	0.532	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.250	278	5982	0.155	ng/ul#	83
29) Benzo(g,h,i)perylene	26.998	276	26682	0.602	ng/ul	95

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

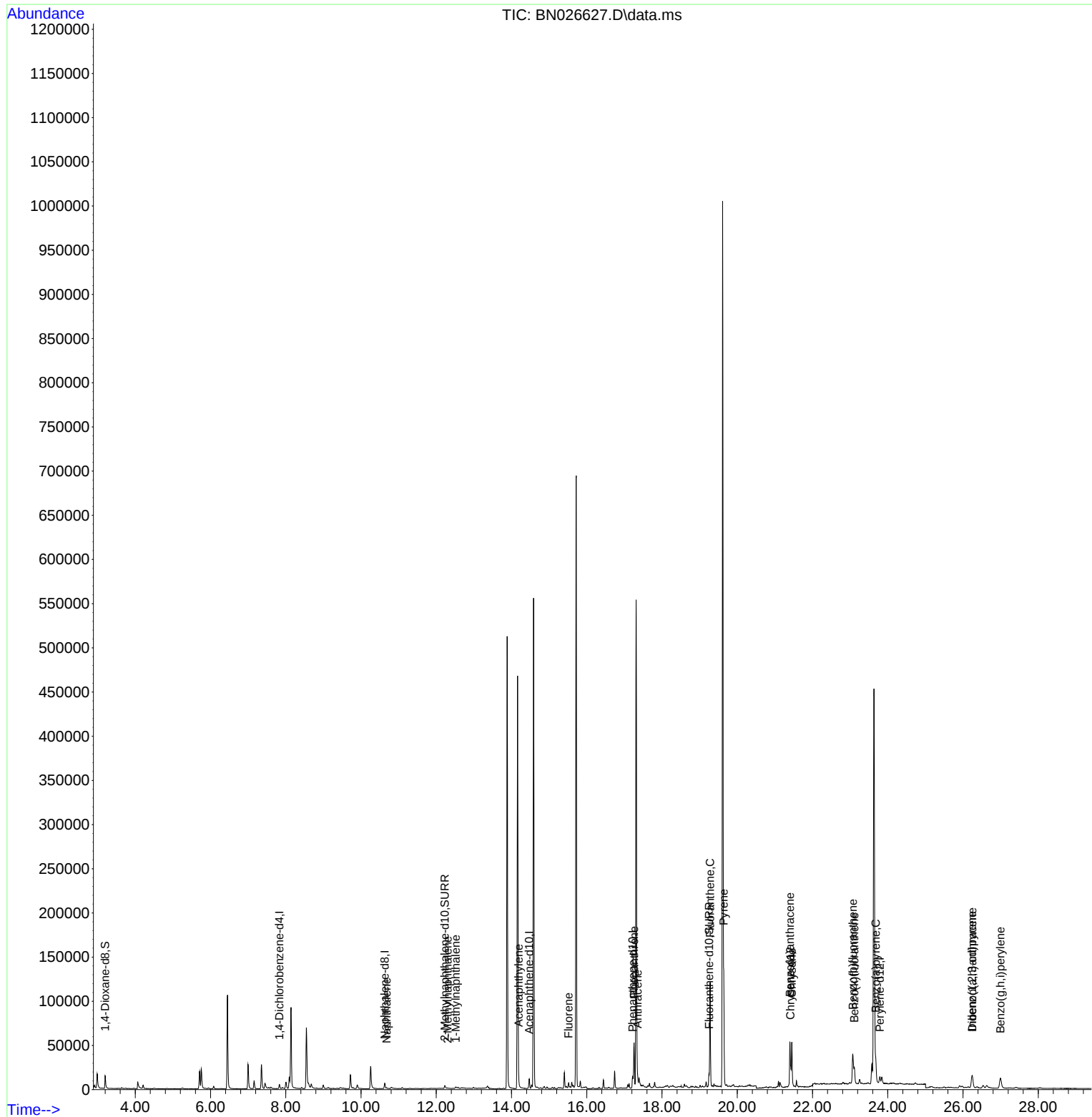
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026627.D
Acq On : 21 Jul 2023 13:56
Operator : MA/JU
Sample : 03472-22
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ALS Vial : 38 Sample Multiplier: 1

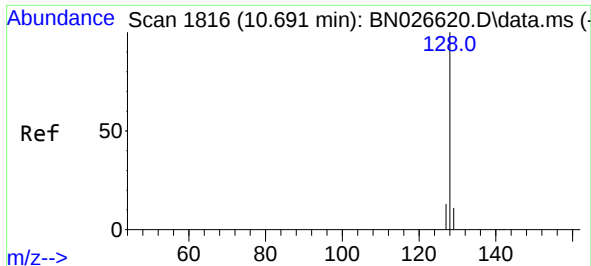
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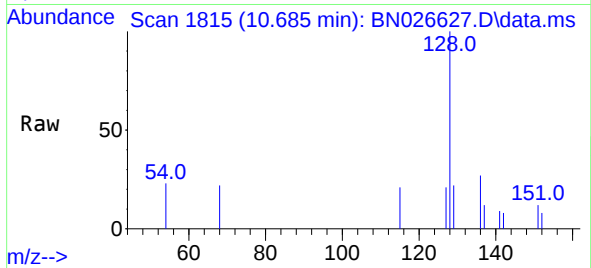
Quant Time: Jul 21 16:01:46 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.685 min Scan# 11
Delta R.T. -0.017 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

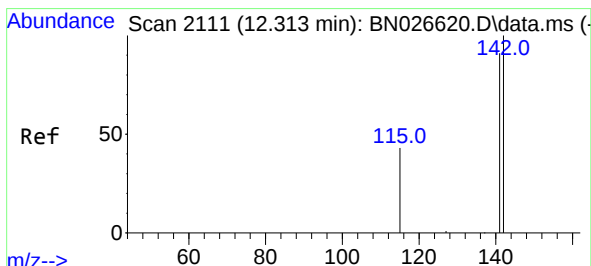
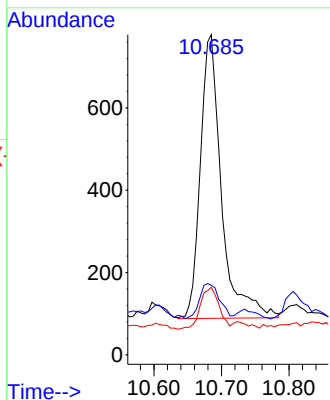
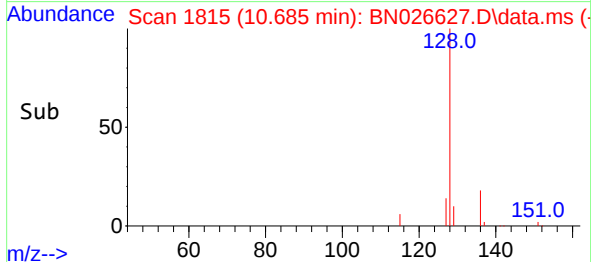
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:128 Resp: 149
Ion Ratio Lower Upper
128 100
129 21.7 10.2 15.2
127 21.1 11.4 17.0

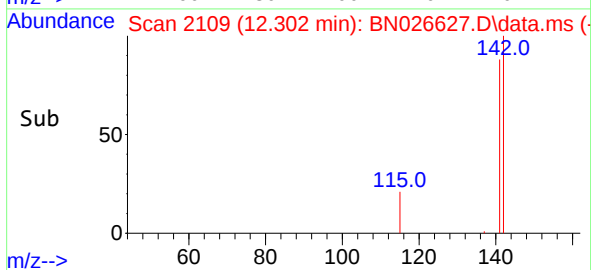
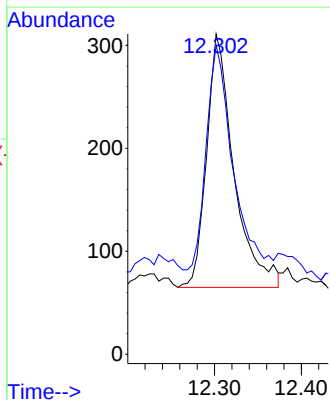
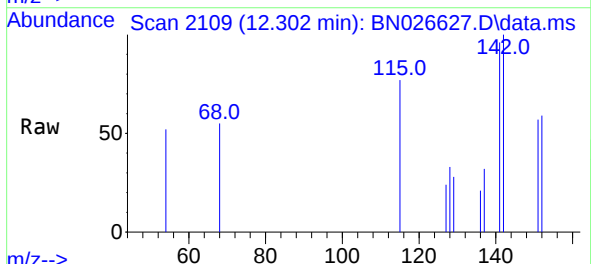
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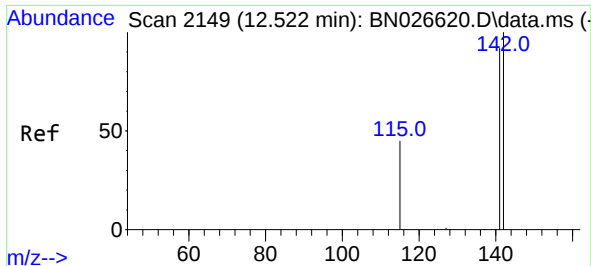
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.302 min Scan# 2109
Delta R.T. -0.017 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

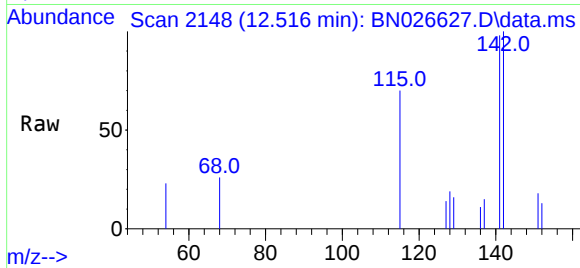
Tgt Ion:142 Resp: 537
Ion Ratio Lower Upper
142 100
141 84.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.087 ng/u1
RT: 12.516 min Scan# 2148
Delta R.T. -0.011 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

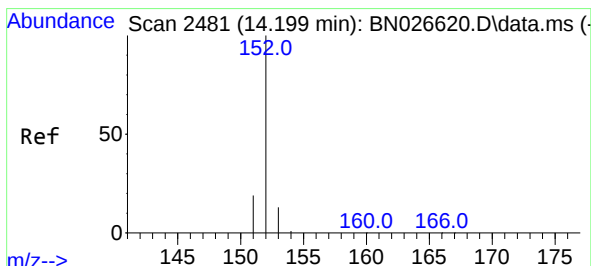
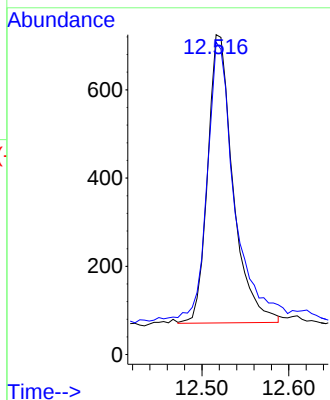
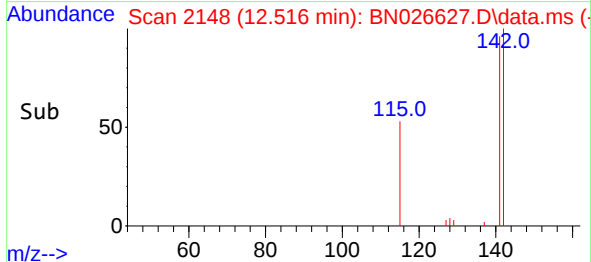
Instrument :
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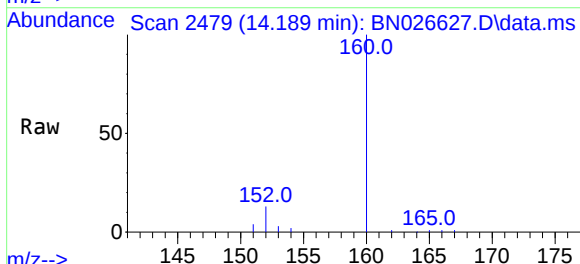
Tgt Ion:142 Resp: 1329
Ion Ratio Lower Upper
142 100
141 107.2 74.5 111.7

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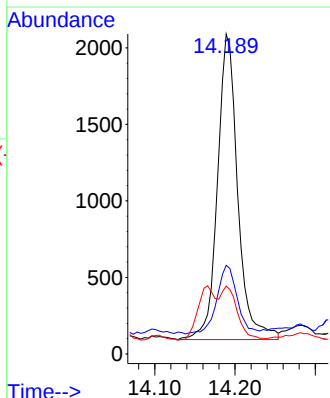
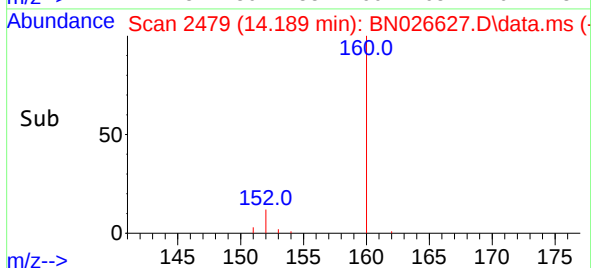
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Supervised By :mohammad ahmed 07/22/2023

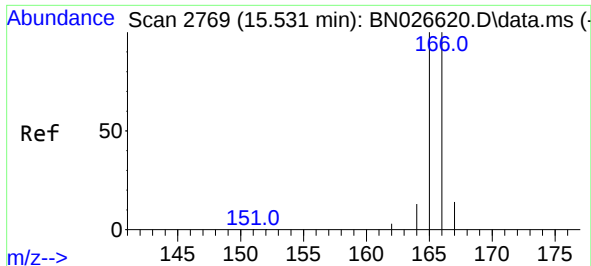


#10
Acenaphthylene
Concen: 0.119 ng/u1
RT: 14.189 min Scan# 2479
Delta R.T. -0.014 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56



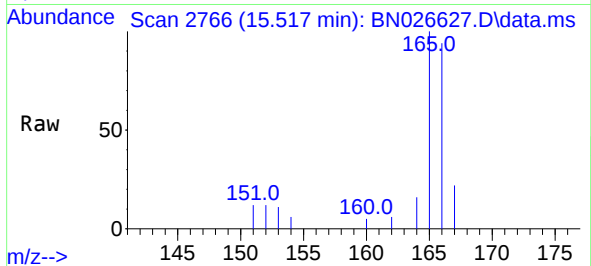
Tgt Ion:152 Resp: 3505
Ion Ratio Lower Upper
152 100
151 27.7 17.0 25.6#
153 21.2 11.4 17.2#





#12
Fluorene
Concen: 0.169 ng/u1
RT: 15.517 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

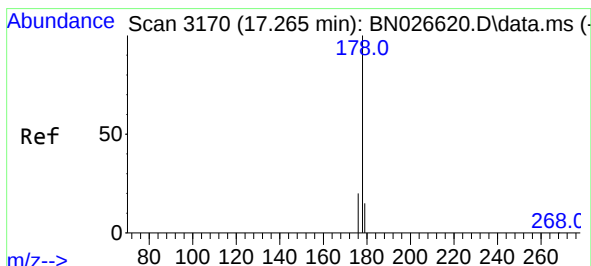
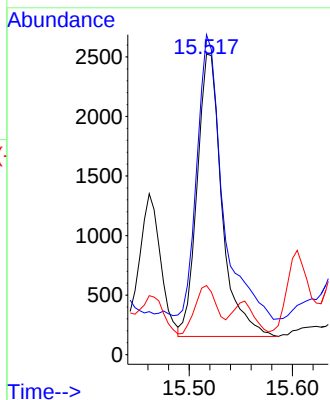
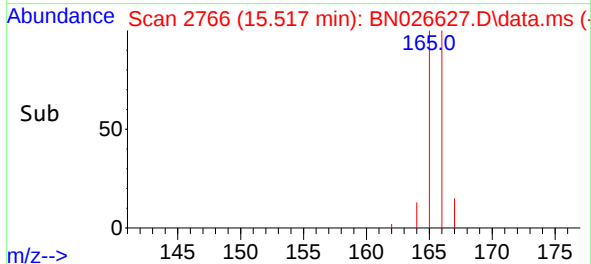
Instrument :
BNA_N
ClientSampleId :
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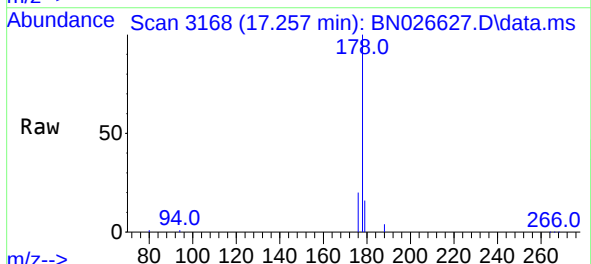
Tgt Ion:166 Resp: 3958
Ion Ratio Lower Upper
166 100
165 106.4 80.6 120.8
167 23.0 12.0 18.0

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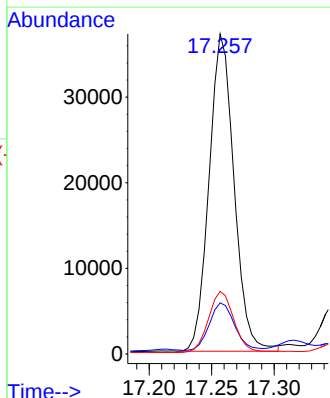
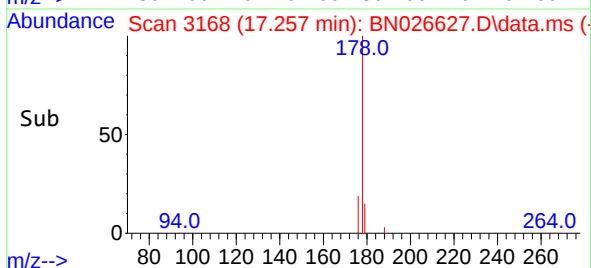
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

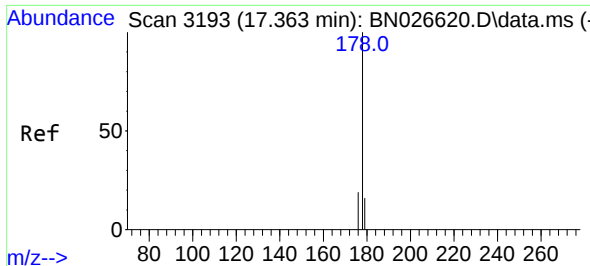


#15
Phenanthrene
Concen: 0.653 ng/u1
RT: 17.257 min Scan# 3168
Delta R.T. -0.013 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56



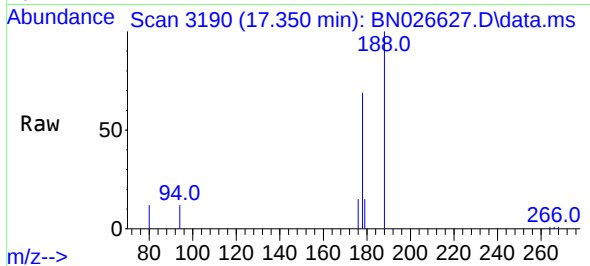
Tgt Ion:178 Resp: 51487
Ion Ratio Lower Upper
178 100
179 16.0 13.7 20.5
176 19.6 16.5 24.7





#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.350 min Scan# 3190
Delta R.T. -0.017 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

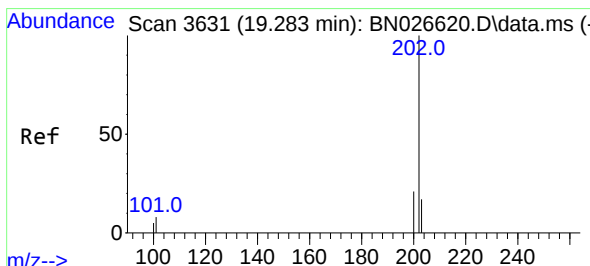
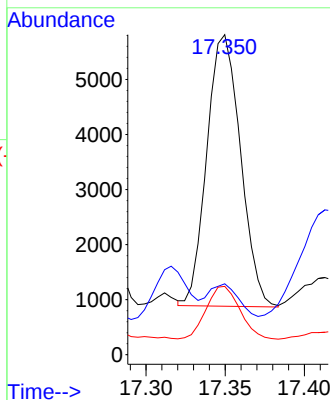
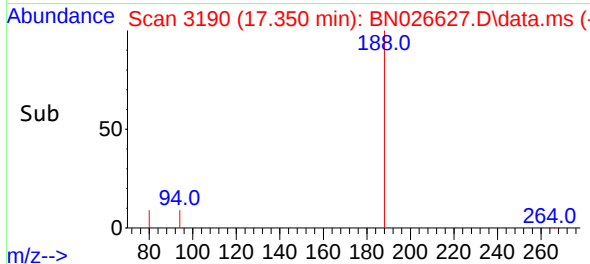
Instrument :
BNA_N
ClientSampleId :
A46R3



Tgt Ion:178 Resp: 7307
Ion Ratio Lower Upper
178 100
179 22.2 14.8 22.2
176 21.3 16.6 25.0

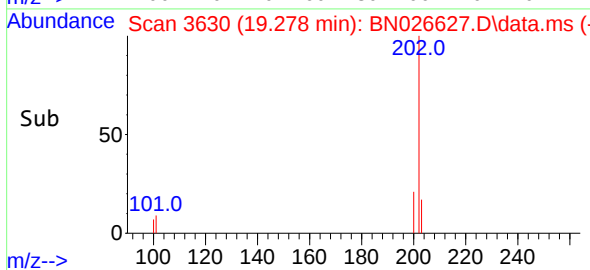
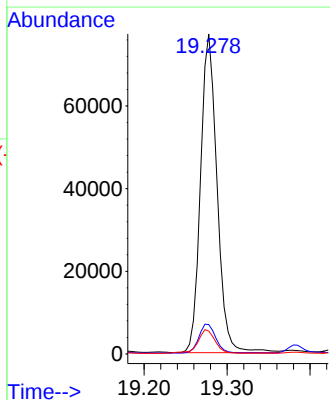
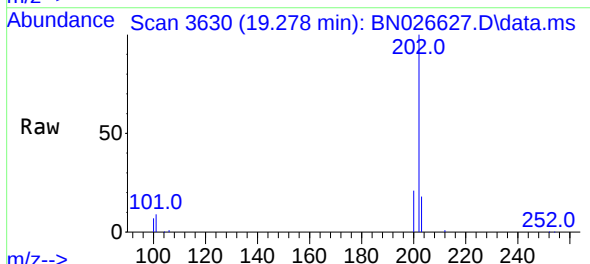
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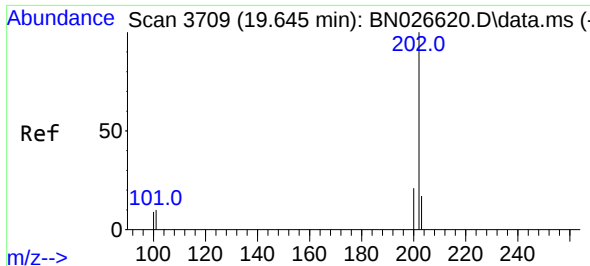
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#19
Fluoranthene
Concen: 1.943 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. -0.005 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

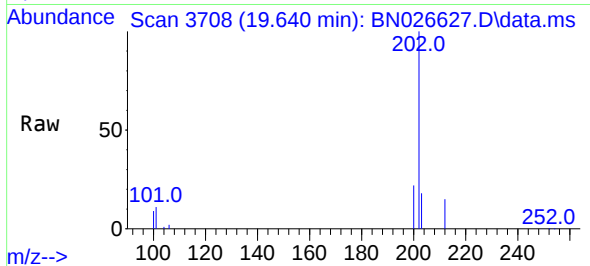
Tgt Ion:202 Resp: 106985
Ion Ratio Lower Upper
202 100
101 9.2 7.0 10.4
100 7.1 6.0 9.0





#20
Pyrene
Concen: 1.762 ng/ul
RT: 19.640 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

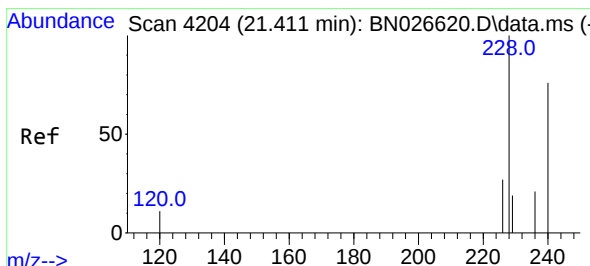
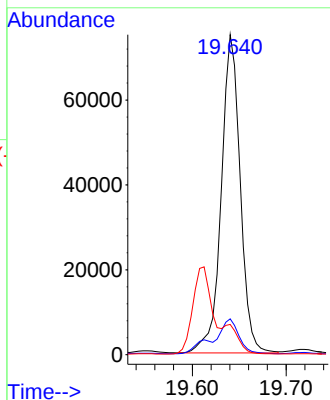
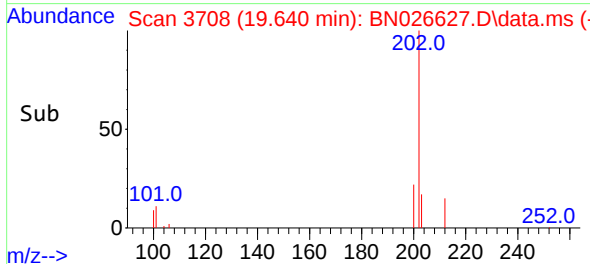
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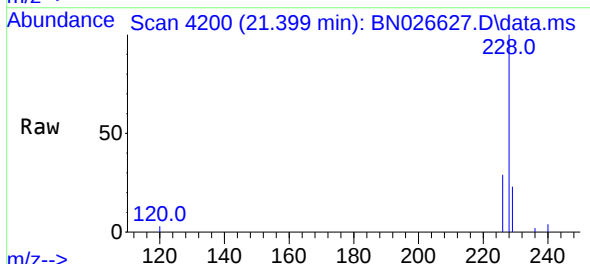
Tgt Ion:202 Resp: 10535
Ion Ratio Lower Upper
202 100
101 11.2 8.0 12.0
100 9.4 6.2 9.2

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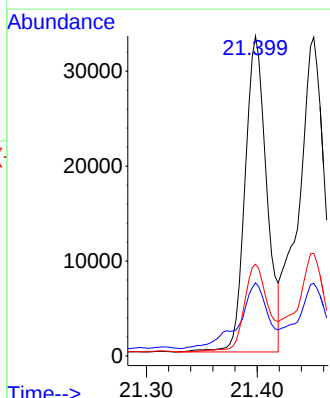
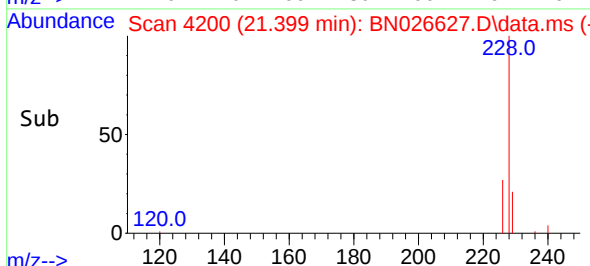
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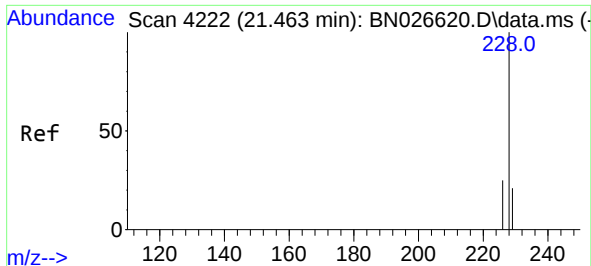


#21
Benzo(a)anthracene
Concen: 1.043 ng/ul
RT: 21.399 min Scan# 4200
Delta R.T. -0.000 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56



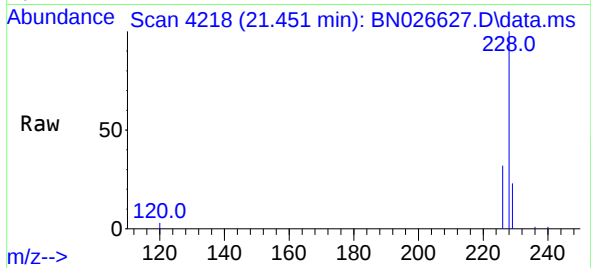
Tgt Ion:228 Resp: 45038
Ion Ratio Lower Upper
228 100
229 22.8 16.7 25.1
226 28.6 23.5 35.3





#22
Chrysene
Concen: 1.113 ng/ul
RT: 21.451 min Scan# 4218
Delta R.T. -0.000 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

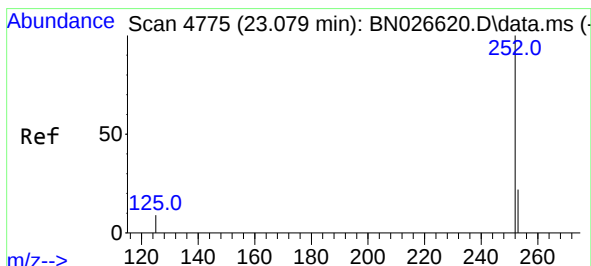
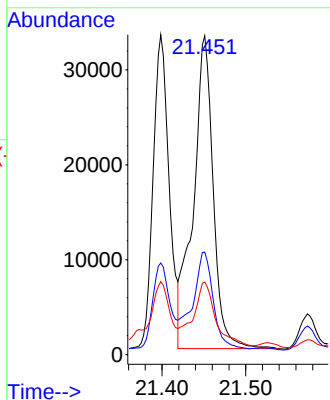
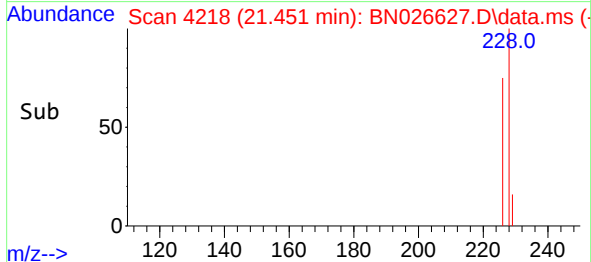
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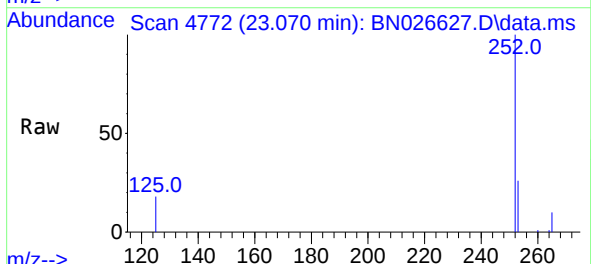
Tgt Ion:228 Resp: 5468
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 22.8 16.4 24.6

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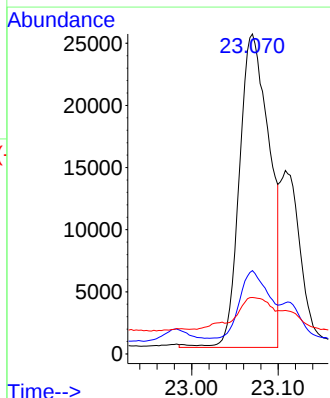
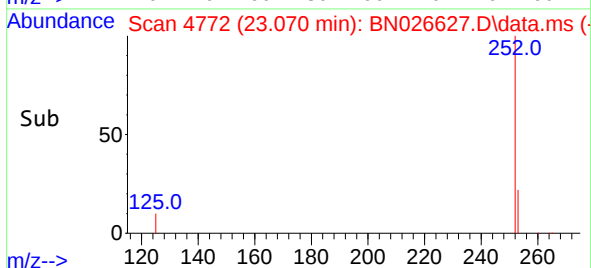
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

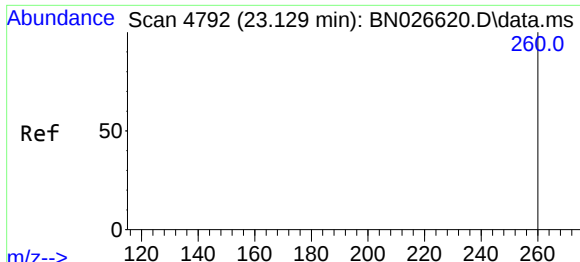


#24
Benzo(b)fluoranthene
Concen: 1.408 ng/ul m
RT: 23.070 min Scan# 4772
Delta R.T. 0.002 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56



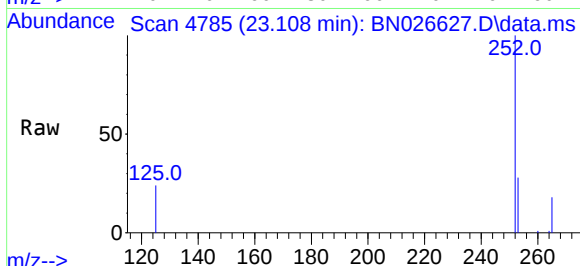
Tgt Ion:252 Resp: 60588
Ion Ratio Lower Upper
252 100
253 26.1 0.0 68.6
125 17.6 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.542 ng/ul m
RT: 23.108 min Scan# 4792
Delta R.T. -0.003 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

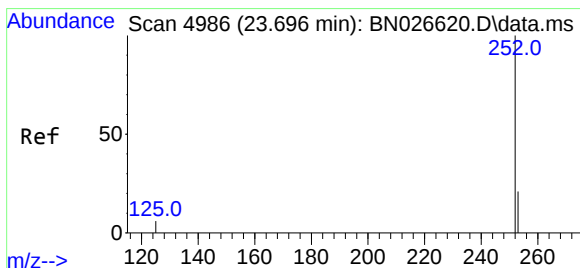
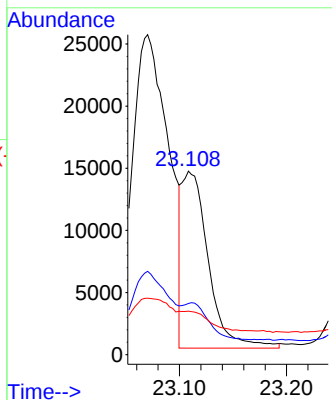
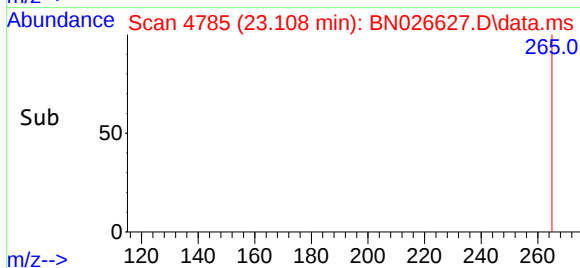
Instrument :
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Tgt Ion:	252	Resp:	2444
Ion Ratio	Lower	Upper	
252	100		
253	27.9	27.2	40.8
125	23.7	13.4	20.2

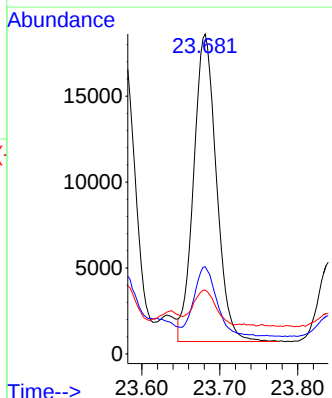
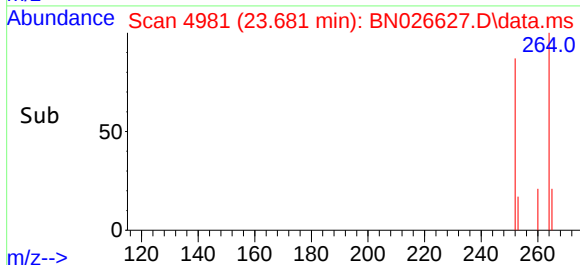
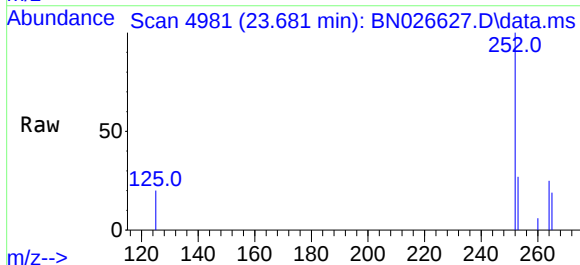
Manual Integrations
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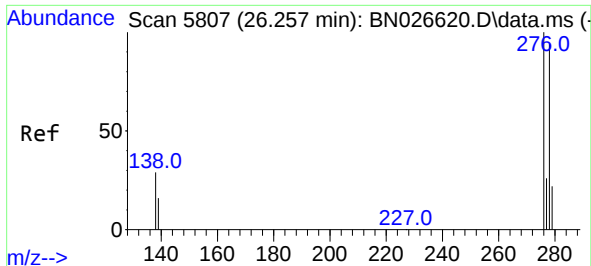
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#26
Benzo(a)pyrene
Concen: 0.947 ng/ul
RT: 23.681 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

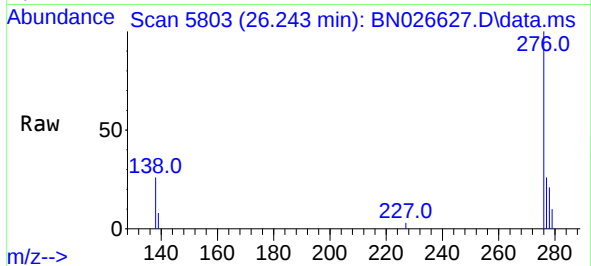
Tgt Ion:	252	Resp:	36286
Ion Ratio	Lower	Upper	
252	100		
253	27.3	32.6	49.0
125	19.9	19.3	28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.532 ng/ul
RT: 26.243 min Scan# 5803
Delta R.T. -0.004 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56

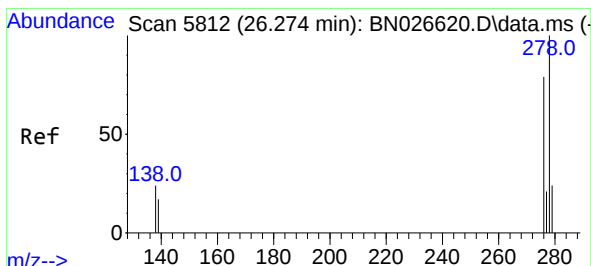
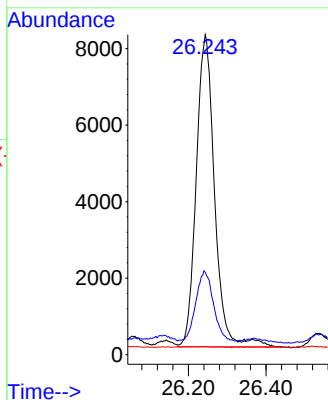
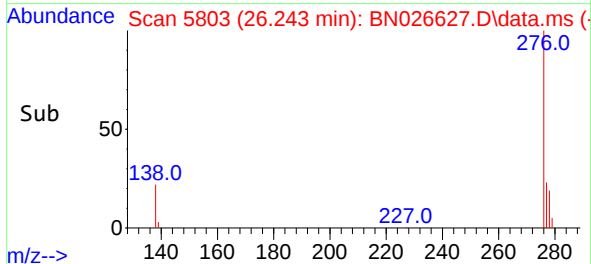
Instrument :
BNA_N
ClientSampleId :
A46R3



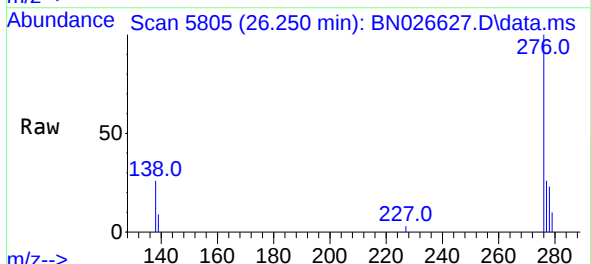
Tgt Ion:276 Resp: 26690
Ion Ratio Lower Upper
276 100
138 21.0 22.2 33.4
227 0.1 0.1 0.1

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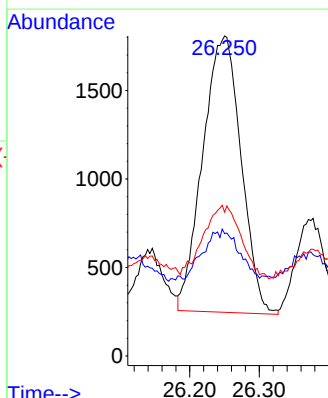
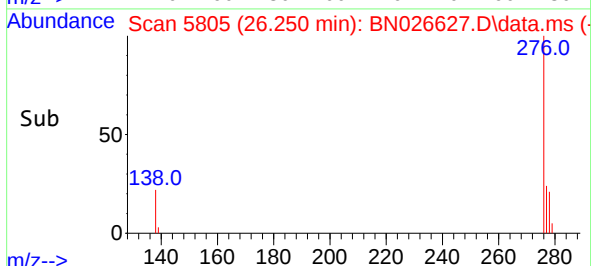
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

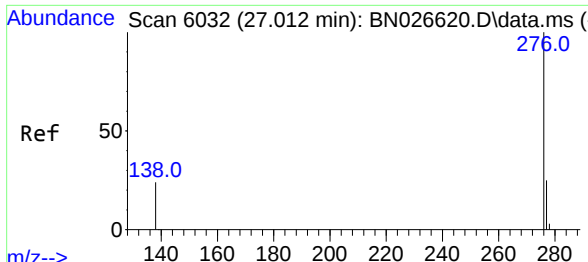


#28
Dibenzo(a,h)anthracene
Concen: 0.155 ng/ul
RT: 26.250 min Scan# 5805
Delta R.T. -0.008 min
Lab File: BN026627.D
Acq: 21 Jul 2023 13:56



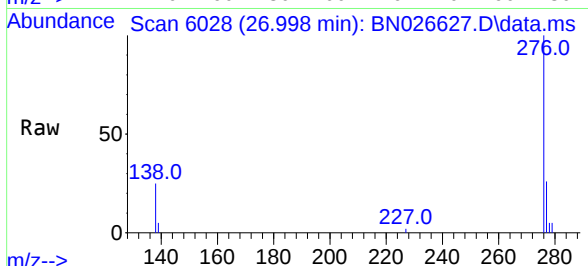
Tgt Ion:278 Resp: 5982
Ion Ratio Lower Upper
278 100
139 38.3 18.9 28.3
279 45.0 31.3 46.9





#29
 Benzo(g,h,i)perylene
 Concen: 0.602 ng/ul
 RT: 26.998 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN026627.D
 Acq: 21 Jul 2023 13:56

Instrument :
 BNA_N
 ClientSampleId :
 A46R3



Tgt Ion: 276 Resp: 2668

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.6	34.0
277	25.8	21.8	32.8

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

