

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026624.D
 Acq On : 21 Jul 2023 12:04
 Operator : MA/JU
 Sample : 03472-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q9

Manual Integrations
 APPROVED

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

Quant Time: Jul 21 14:18:14 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	7.840	152	2358	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.630	136	7900	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.472	164	5070	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	11655	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	9561	0.400	ng/ul	0.00
23) Perylene-d12	23.790	264	9399	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	7239	2.331	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	3958	0.369	ng/ul	-0.01
18) Fluoranthene-d10	19.250	212	12943	0.390	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	14.189	152	870	0.035	ng/ul#	71
15) Phenanthrene	17.257	178	8397	0.226	ng/ul	99
16) Anthracene	17.346	178	1244	0.039	ng/ul#	84
19) Fluoranthene	19.278	202	32945	0.735	ng/ul	98
20) Pyrene	19.641	202	29920	0.615	ng/ul#	96
21) Benzo(a)anthracene	21.402	228	12578	0.358	ng/ul	98
22) Chrysene	21.452	228	14417	0.360	ng/ul	98
24) Benzo(b)fluoranthene	23.071	252	19340m	0.528	ng/ul	
25) Benzo(k)fluoranthene	23.112	252	7535m	0.196	ng/ul	
26) Benzo(a)pyrene	23.679	252	10324	0.317	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	26.244	276	8411	0.197	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.258	278	1861	0.057	ng/ul#	35
29) Benzo(g,h,i)perylene	27.002	276	8619	0.229	ng/ul	99

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

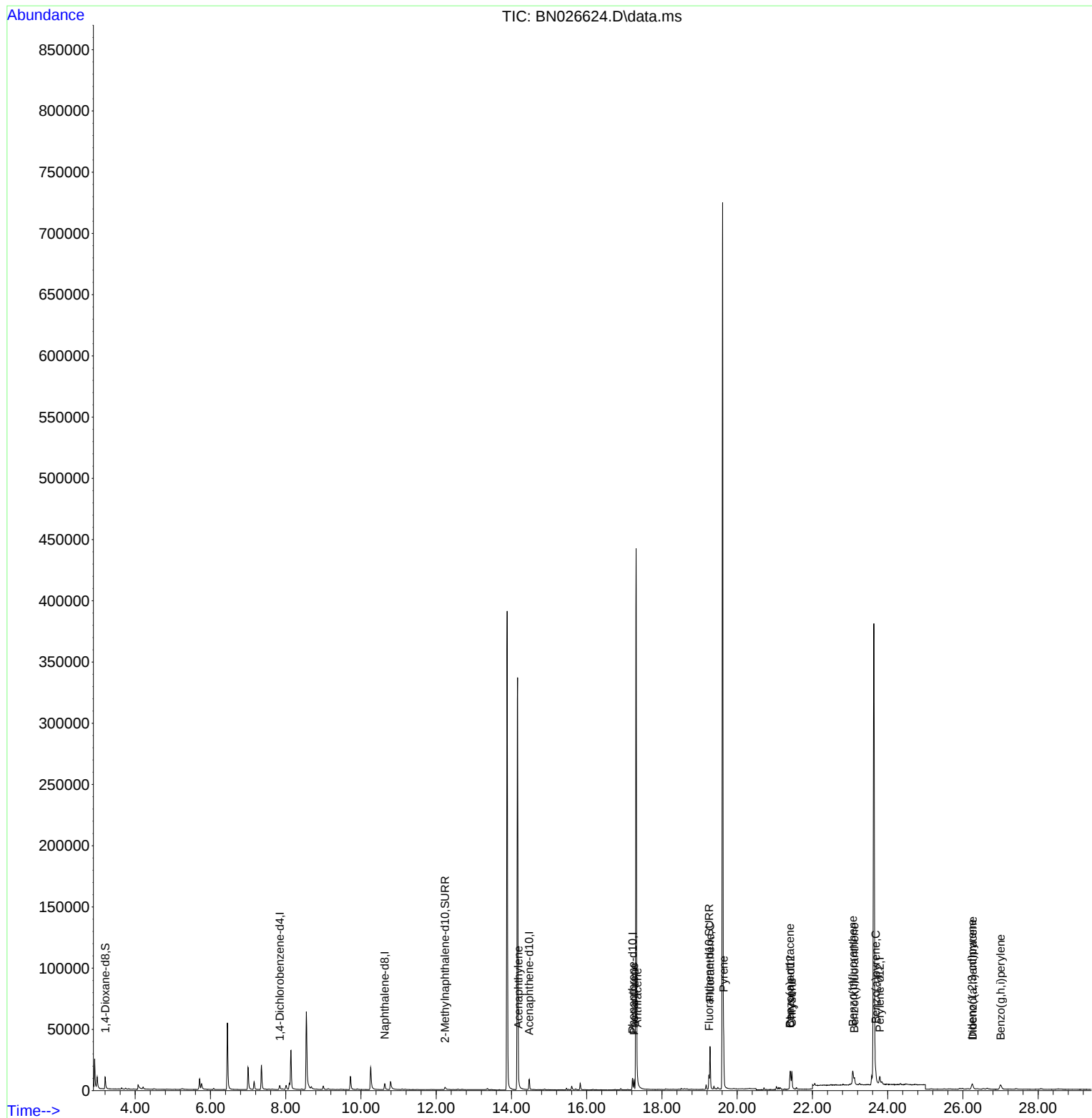
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026624.D
Acq On : 21 Jul 2023 12:04
Operator : MA/JU
Sample : 03472-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

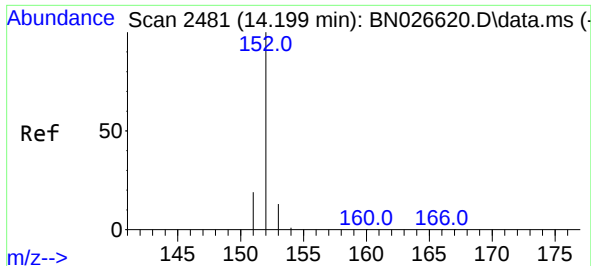
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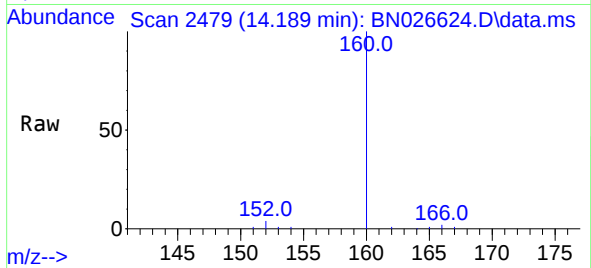
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 22:32:26 2023
Response via : Initial Calibration





#10
Acenaphthylene
Concen: 0.035 ng/ul
RT: 14.189 min Scan# 2481
Delta R.T. -0.014 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

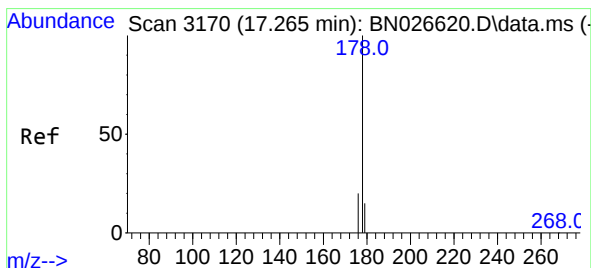
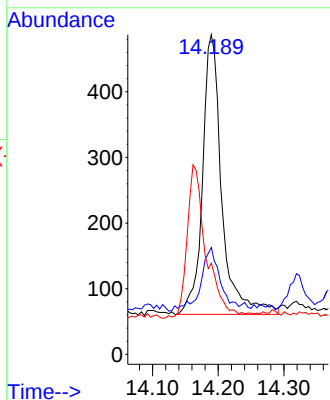
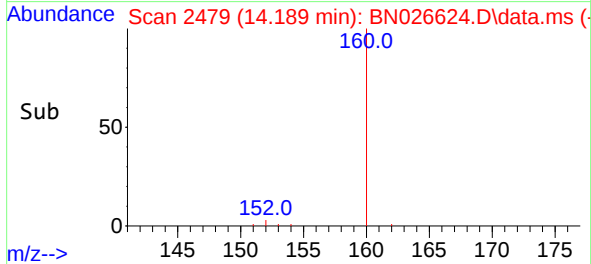
Instrument :
BNA_N
ClientSampleId :
A46Q9



Tgt Ion:152 Resp: 870
Ion Ratio Lower Upper
152 100
151 33.5 17.0 25.6
153 28.5 11.4 17.2

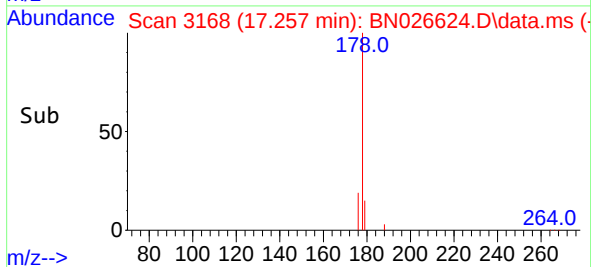
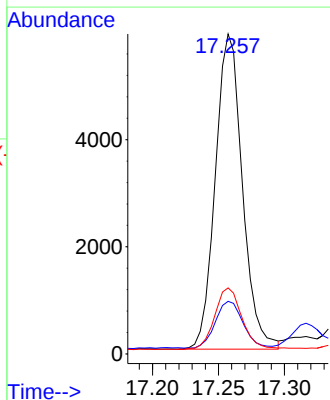
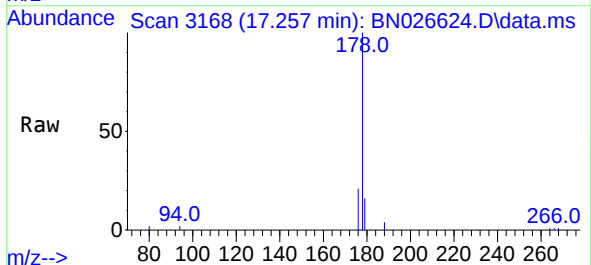
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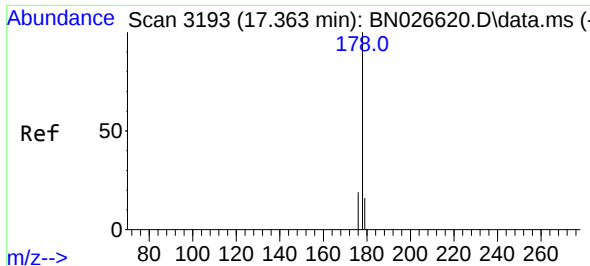
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#15
Phenanthrene
Concen: 0.226 ng/ul
RT: 17.257 min Scan# 3168
Delta R.T. -0.013 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

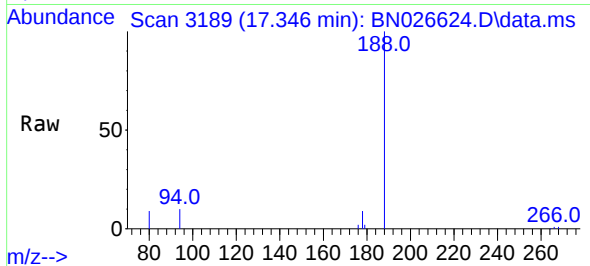
Tgt Ion:178 Resp: 8397
Ion Ratio Lower Upper
178 100
179 16.5 13.7 20.5
176 20.7 16.5 24.7





#16
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.346 min Scan# 3193
 Delta R.T. -0.021 min
 Lab File: BN026624.D
 Acq: 21 Jul 2023 12:04

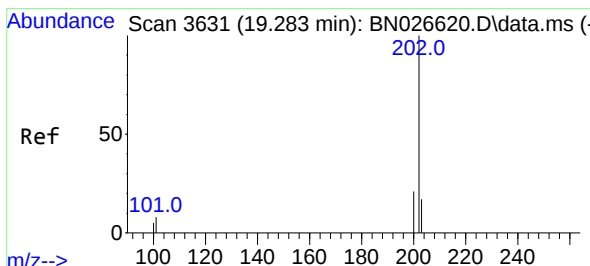
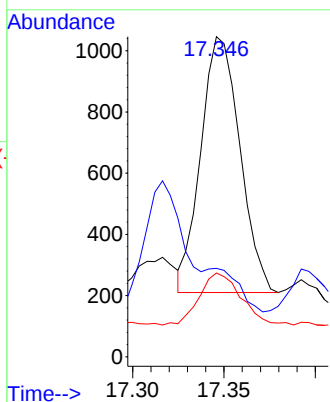
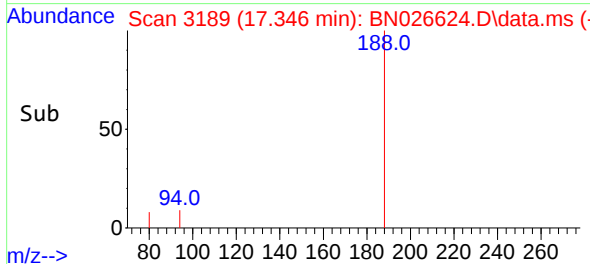
Instrument :
 BNA_N
 ClientSampleId :
 A46Q9



Tgt Ion:178 Resp: 1244
 Ion Ratio Lower Upper
 178 100
 179 27.6 14.8 22.2
 176 26.2 16.6 25.0

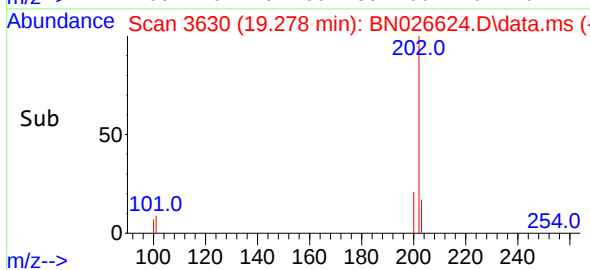
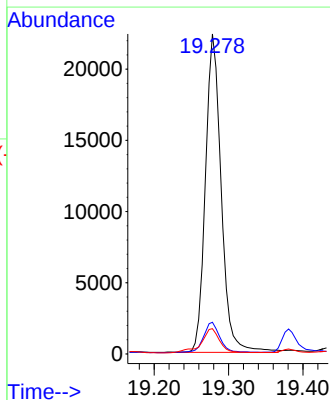
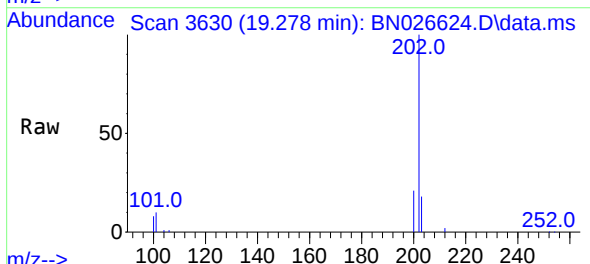
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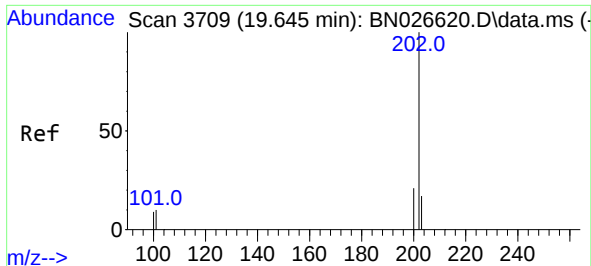
Reviewed By :Yogesh Patel 07/22/2023
 Supervised By :mohammad ahmed 07/22/2023



#19
 Fluoranthene
 Concen: 0.735 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.005 min
 Lab File: BN026624.D
 Acq: 21 Jul 2023 12:04

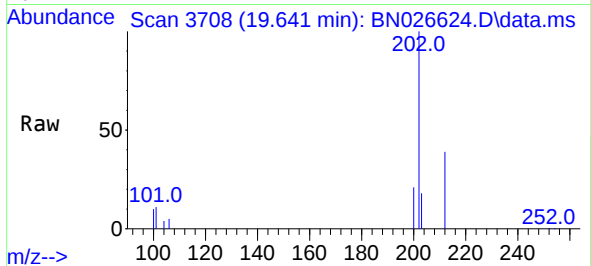
Tgt Ion:202 Resp: 32945
 Ion Ratio Lower Upper
 202 100
 101 9.9 7.0 10.4
 100 7.9 6.0 9.0





#20
Pyrene
Concen: 0.615 ng/ul
RT: 19.641 min Scan# 31
Delta R.T. -0.005 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

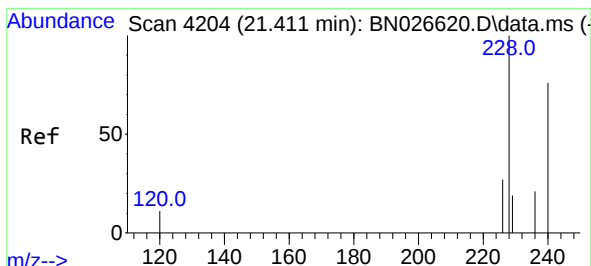
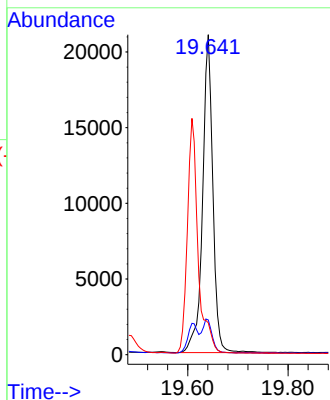
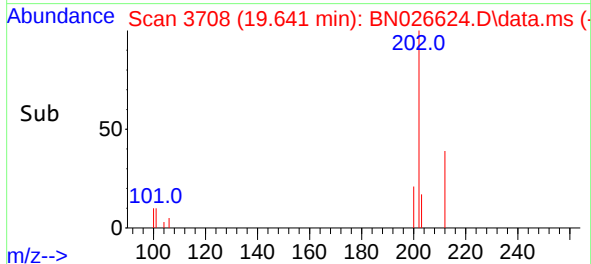
Instrument :
BNA_N
ClientSampleId :
A46Q9



Tgt Ion:202 Resp: 29920
Ion Ratio Lower Upper
202 100
101 10.8 8.0 12.0
100 10.0 6.2 9.2

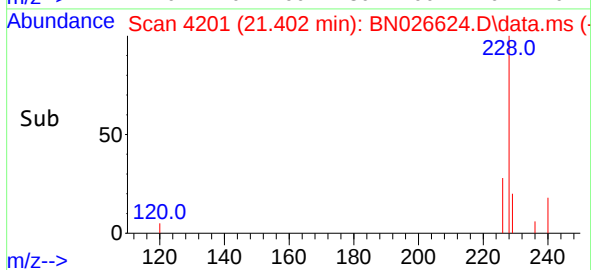
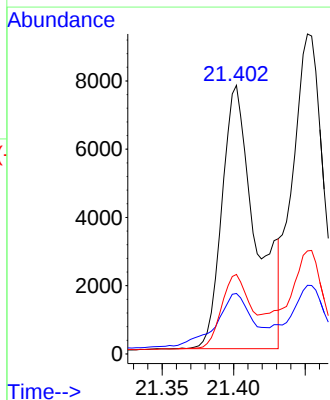
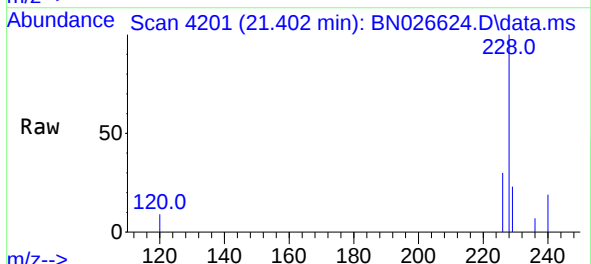
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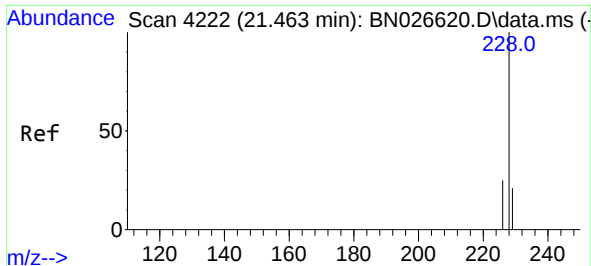
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.402 min Scan# 4201
Delta R.T. 0.003 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

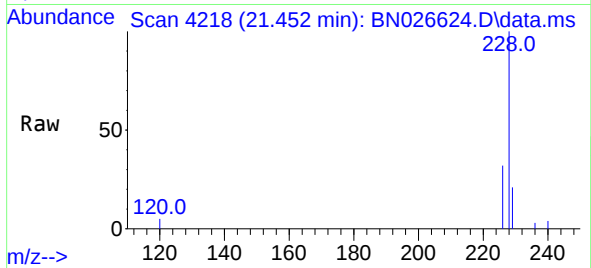
Tgt Ion:228 Resp: 12578
Ion Ratio Lower Upper
228 100
229 22.5 16.7 25.1
226 29.6 23.5 35.3





#22
Chrysene
Concen: 0.360 ng/ul
RT: 21.452 min Scan# 4218
Delta R.T. 0.000 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

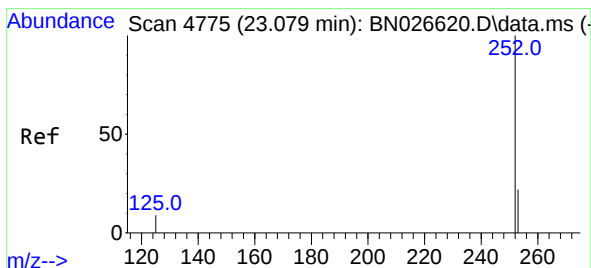
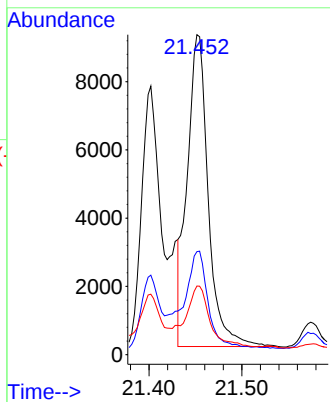
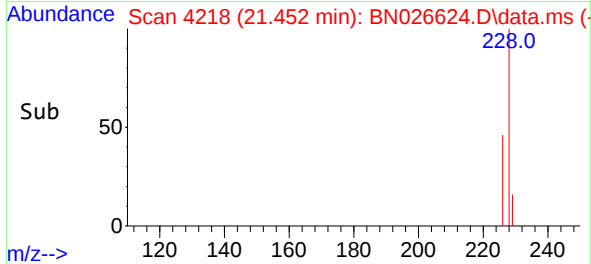
Instrument :
BNA_N
ClientSampleId :
A46Q9



Tgt Ion:228 Resp: 1441
Ion Ratio Lower Upper
228 100
226 32.2 25.2 37.8
229 21.5 16.4 24.6

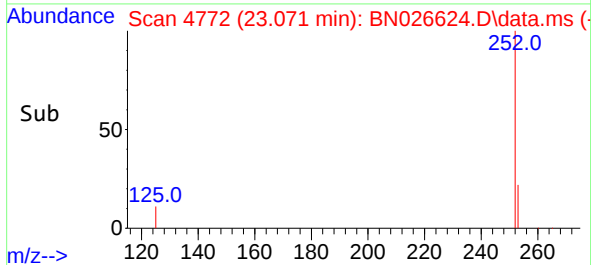
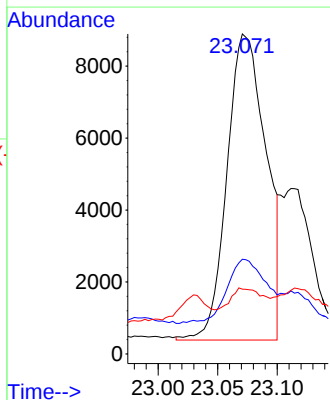
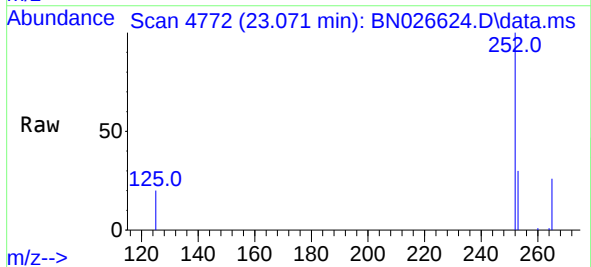
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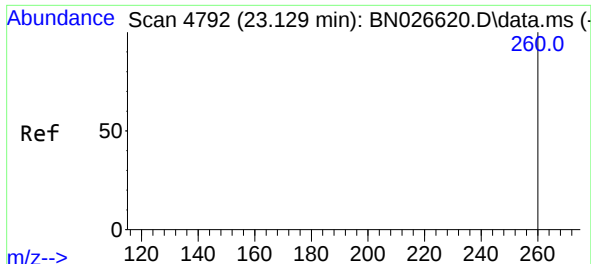
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#24
Benzo(b)fluoranthene
Concen: 0.528 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. 0.003 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

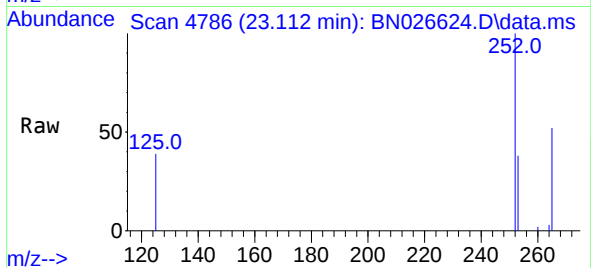
Tgt Ion:252 Resp: 19340
Ion Ratio Lower Upper
252 100
253 29.6 0.0 68.6
125 20.2 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.196 ng/ul m
RT: 23.112 min Scan# 4792
Delta R.T. -0.000 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

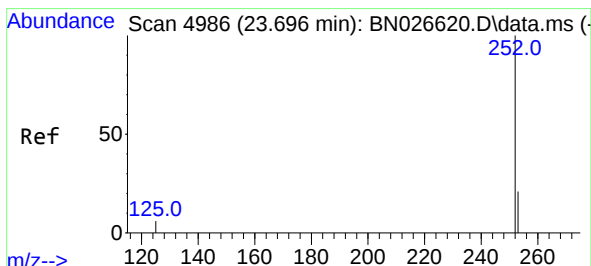
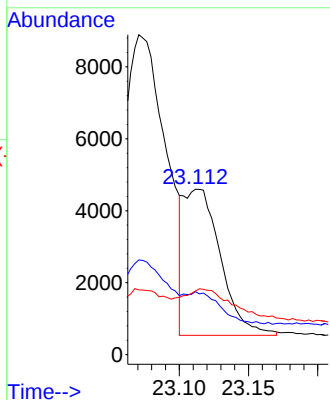
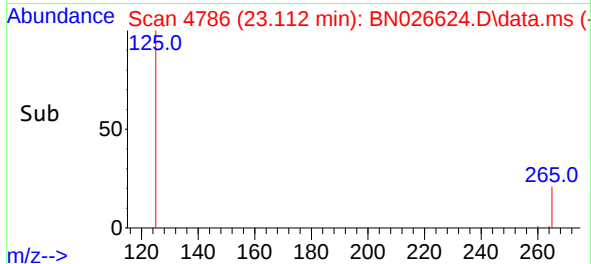
Instrument :
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A46Q9



Tgt Ion:252 Resp: 7538
Ion Ratio Lower Upper
252 100
253 38.1 27.2 40.8
125 38.5 13.4 20.2

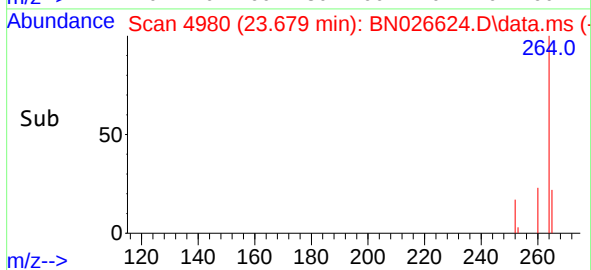
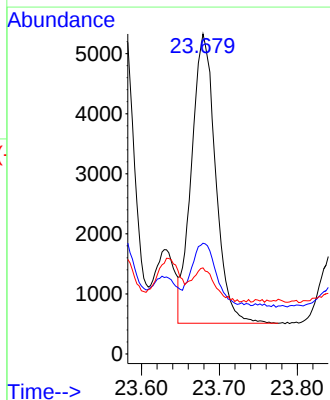
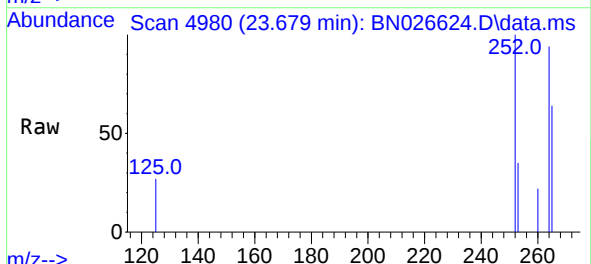
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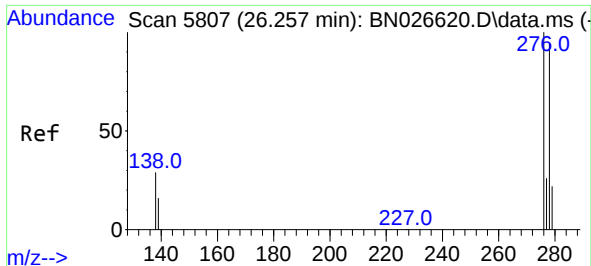
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023



#26
Benzo(a)pyrene
Concen: 0.317 ng/ul
RT: 23.679 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

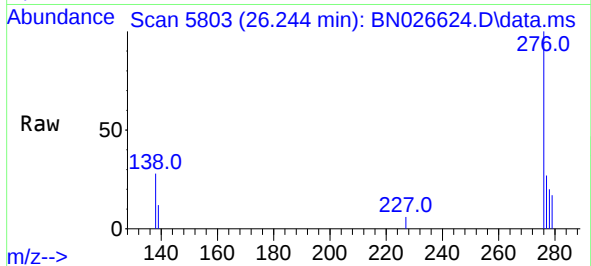
Tgt Ion:252 Resp: 10324
Ion Ratio Lower Upper
252 100
253 34.6 32.6 49.0
125 26.9 19.3 28.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.244 min Scan# 5803
Delta R.T. -0.003 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04

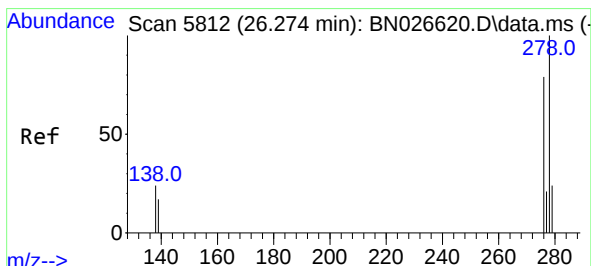
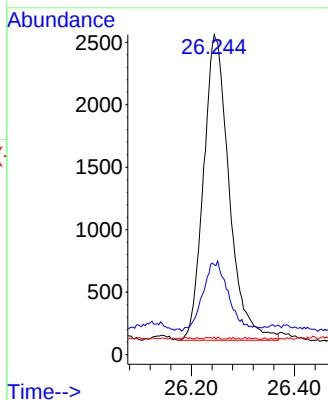
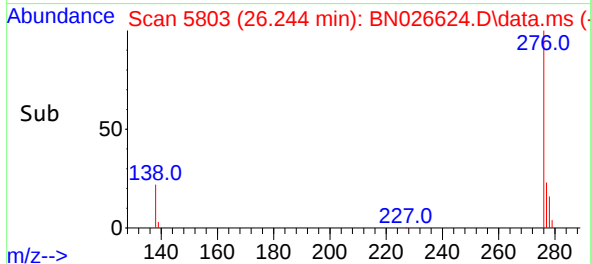
Instrument :
BNA_N
ClientSampleId :
A46Q9



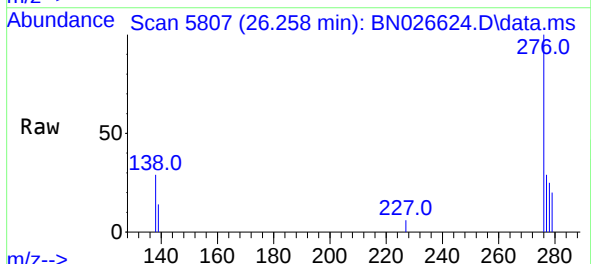
Tgt Ion:276 Resp: 841
Ion Ratio Lower Upper
276 100
138 23.1 22.2 33.4
227 0.0 0.1 0.1

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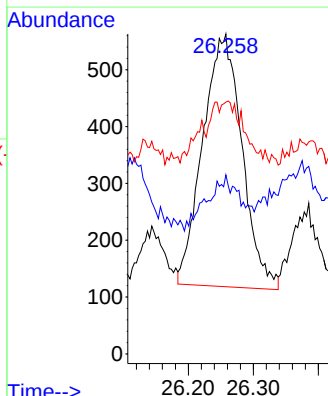
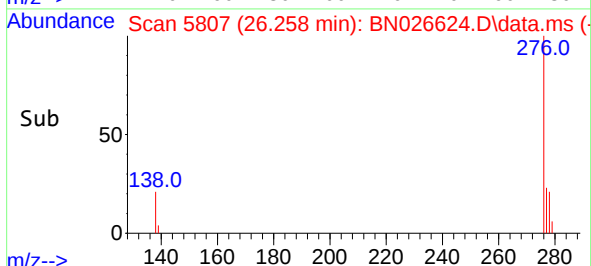
Reviewed By :Yogesh Patel 07/22/2023
Supervised By :mohammad ahmed 07/22/2023

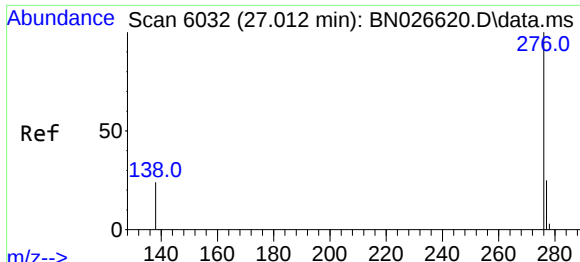


#28
Dibenzo(a,h)anthracene
Concen: 0.057 ng/ul
RT: 26.258 min Scan# 5807
Delta R.T. 0.000 min
Lab File: BN026624.D
Acq: 21 Jul 2023 12:04



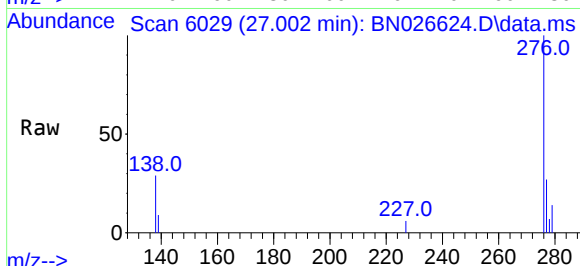
Tgt Ion:278 Resp: 1861
Ion Ratio Lower Upper
278 100
139 56.0 18.9 28.3#
279 78.7 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.229 ng/ul
 RT: 27.002 min Scan# 6032
 Delta R.T. 0.003 min
 Lab File: BN026624.D
 Acq: 21 Jul 2023 12:04

Instrument :
 BNA_N
 ClientSampleId :
 A46Q9



Tgt Ion: 276 Resp: 8619

Ion	Ratio	Lower	Upper
276	100		
138	28.8	22.6	34.0
277	27.1	21.8	32.8

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