

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
 Data File : BN026654.D
 Acq On : 22 Jul 2023 14:52
 Operator : MA/JU
 Sample : 03472-21DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46R2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/24/2023
 Supervised By :mohammad ahmed 07/24/2023

Quant Time: Jul 22 23:01:28 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	7.836	152	3485	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.631	136	11873	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.472	164	6955	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	13946	0.400	ng/ul	0.00
17) Chrysene-d12	21.422	240	8363	0.400	ng/ul	0.00
23) Perylene-d12	23.795	264	9089	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	1090	0.237	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	737	0.046	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	1755	0.061	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.680	128	1771	0.054	ng/ul#	85
10) Acenaphthylene	14.190	152	699	0.021	ng/ul#	64
15) Phenanthrene	17.261	178	8380	0.189	ng/ul	99
16) Anthracene	17.354	178	1749	0.045	ng/ul#	84
19) Fluoranthene	19.278	202	20597	0.525	ng/ul	98
20) Pyrene	19.645	202	5033	0.118	ng/ul#	89
21) Benzo(a)anthracene	21.404	228	7228m	0.235	ng/ul	
22) Chrysene	21.457	228	6966	0.199	ng/ul#	93
24) Benzo(b)fluoranthene	23.079	252	8686m	0.245	ng/ul	
25) Benzo(k)fluoranthene	23.123	252	4107m	0.111	ng/ul	
26) Benzo(a)pyrene	23.699	252	692	0.022	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.260	276	1251	0.030	ng/ul#	47
28) Dibenzo(a,h)anthracene	26.260	278	1182	0.037	ng/ul#	1

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

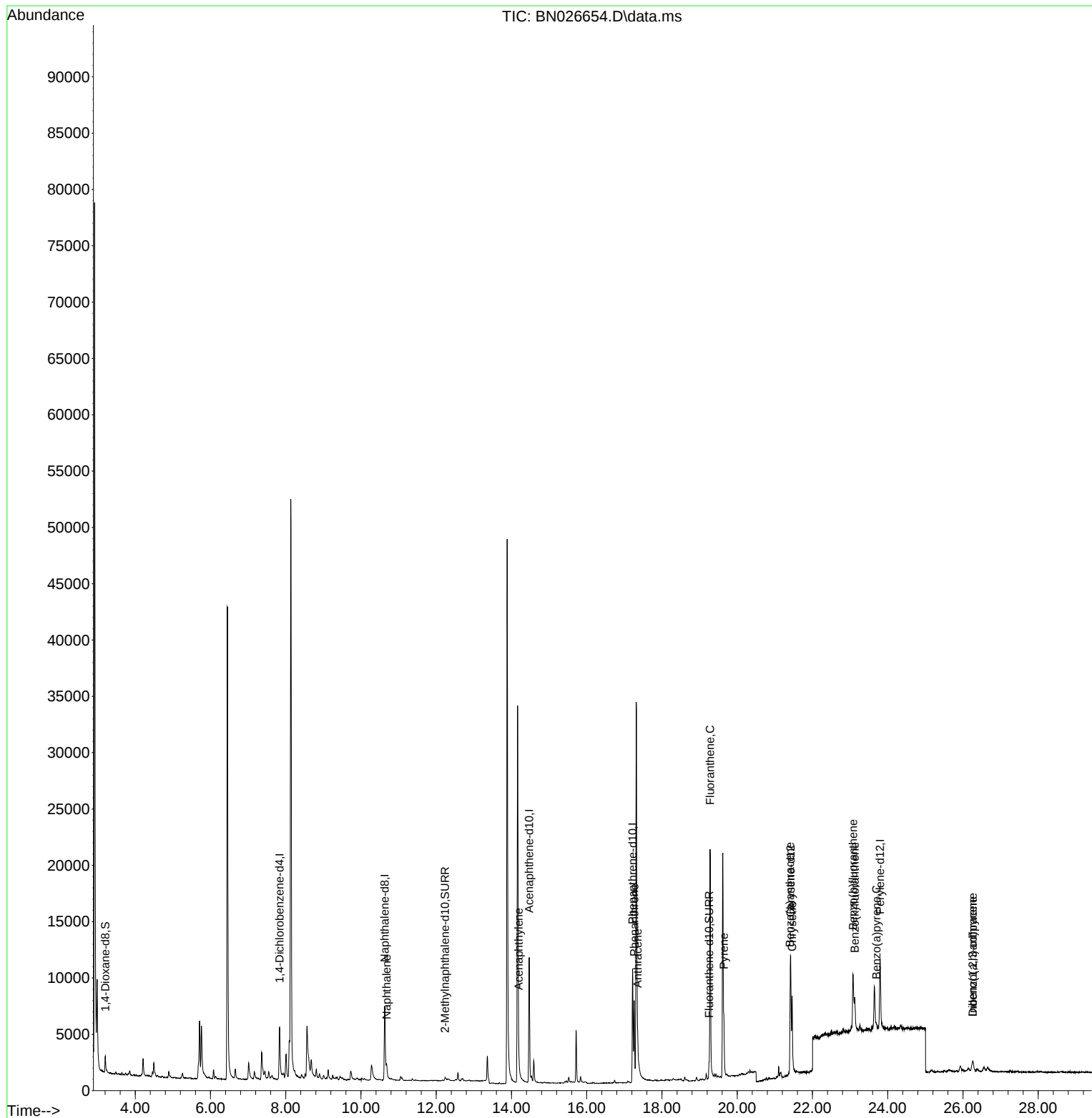
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072223\
Data File : BN026654.D
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ALS Vial : 7 Sample Multiplier: 1

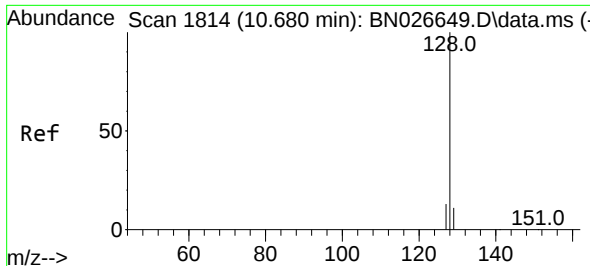
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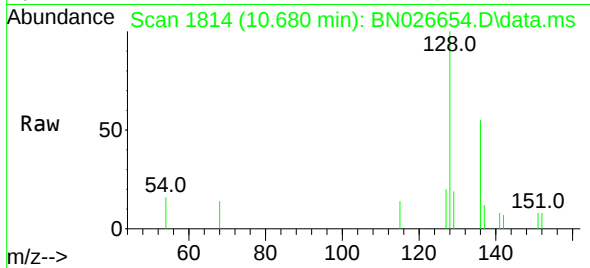
Quant Time: Jul 22 23:01:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 21 19:02:16 2023
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#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.680 min Scan# 1814
Delta R.T. -0.011 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

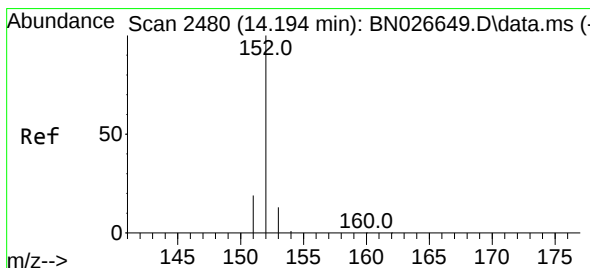
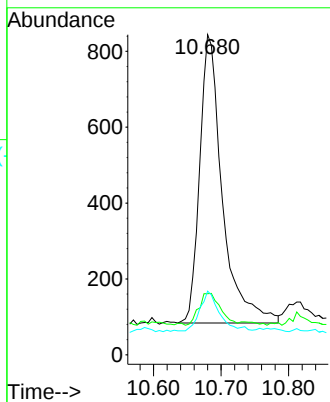
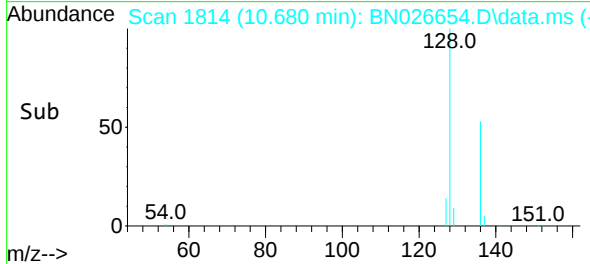
Instrument :
BNA_N
ClientSampleId :
A46R2DL



Tgt Ion:128 Resp: 177
Ion Ratio Lower Upper
128 100
129 19.1 10.2 15.2
127 19.9 11.4 17.0

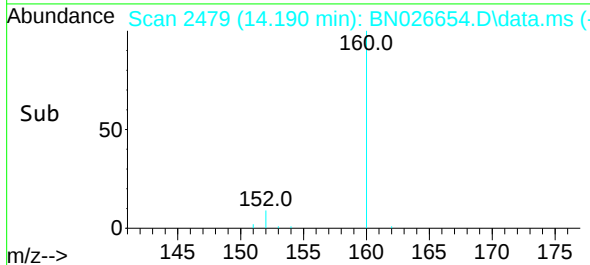
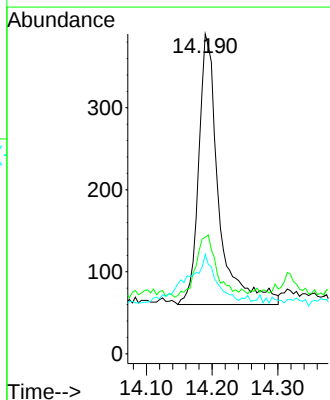
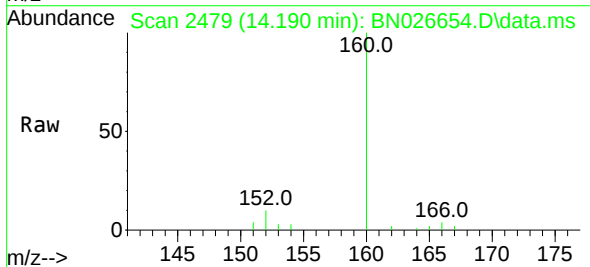
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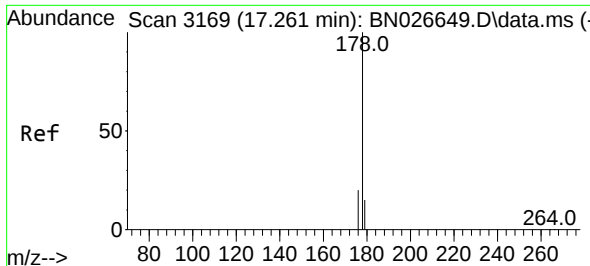
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.190 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

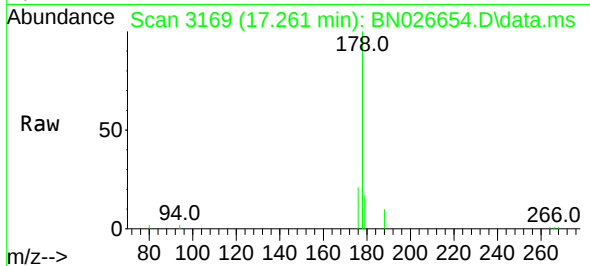
Tgt Ion:152 Resp: 699
Ion Ratio Lower Upper
152 100
151 36.4 17.0 25.6#
153 31.0 11.4 17.2#





#15
Phenanthrene
Concen: 0.189 ng/u1
RT: 17.261 min Scan# 3169
Delta R.T. -0.005 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

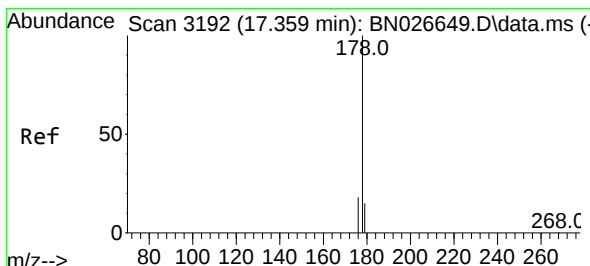
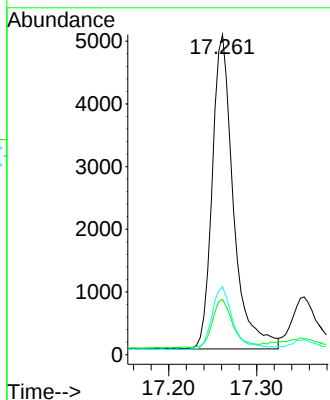
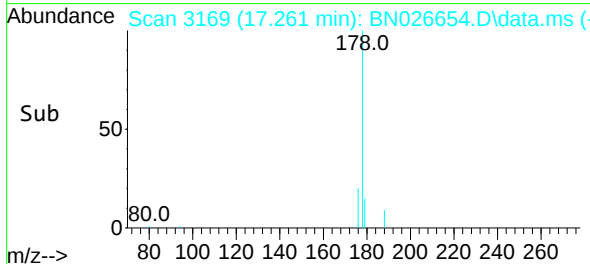
Instrument :
BNA_N
ClientSampleId :
A46R2DL



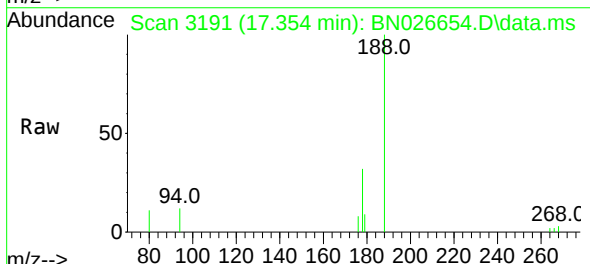
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Ion Ratio Lower Upper
178 100
179 17.3 13.7 20.5
176 21.2 16.5 24.7

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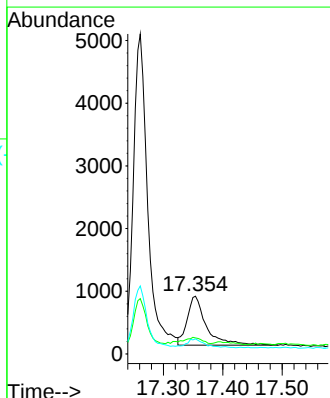
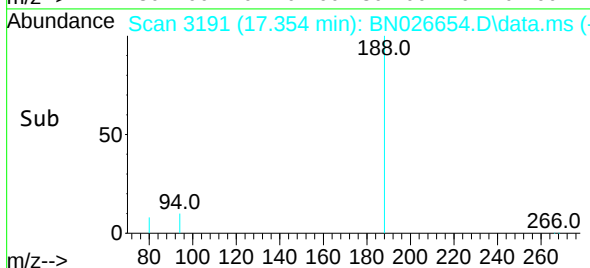
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023

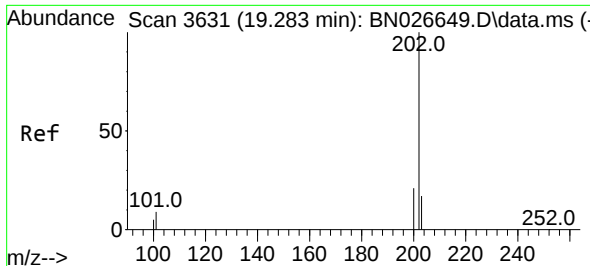


#16
Anthracene
Concen: 0.045 ng/u1
RT: 17.354 min Scan# 3191
Delta R.T. -0.009 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52



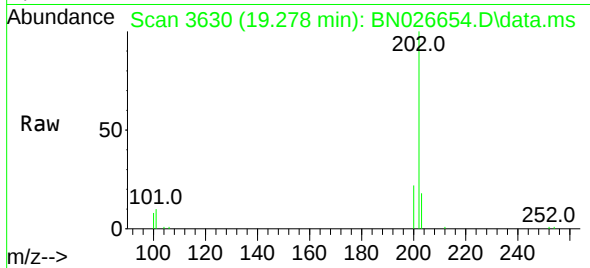
Tgt Ion:178 Resp: 1749
Ion Ratio Lower Upper
178 100
179 27.8 14.8 22.2#
176 26.0 16.6 25.0#





#19
Fluoranthene
Concen: 0.525 ng/ul
RT: 19.278 min Scan# 3059
Delta R.T. -0.005 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

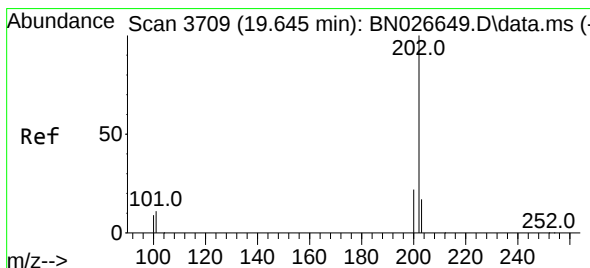
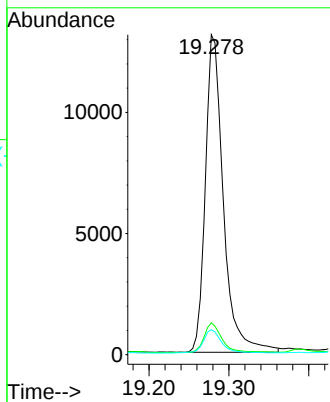
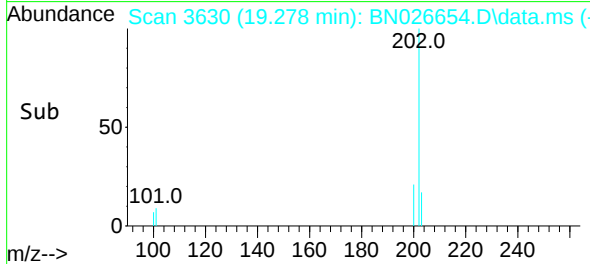
Instrument :
BNA_N
ClientSampleId :
A46R2DL



Tgt Ion:202 Resp: 2059
Ion Ratio Lower Upper
202 100
101 9.9 7.0 10.4
100 7.8 6.0 9.0

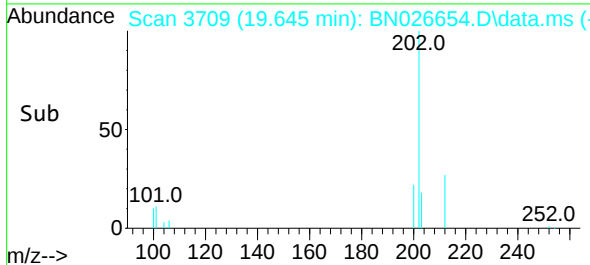
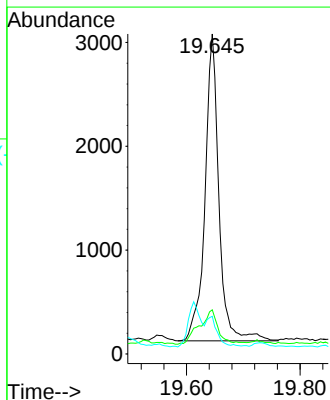
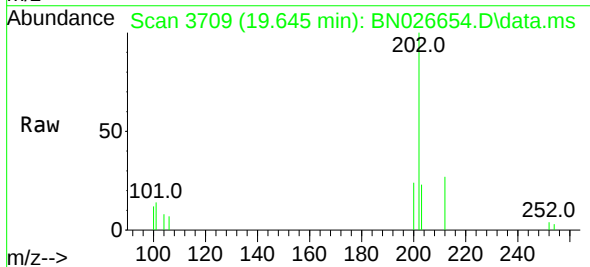
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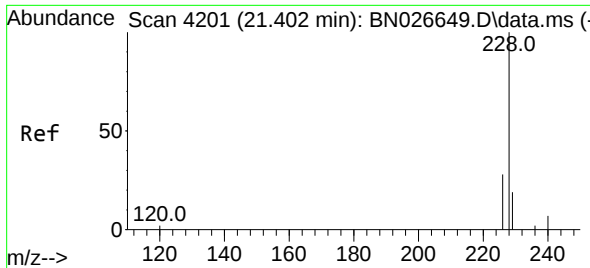
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#20
Pyrene
Concen: 0.118 ng/ul
RT: 19.645 min Scan# 3709
Delta R.T. -0.000 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

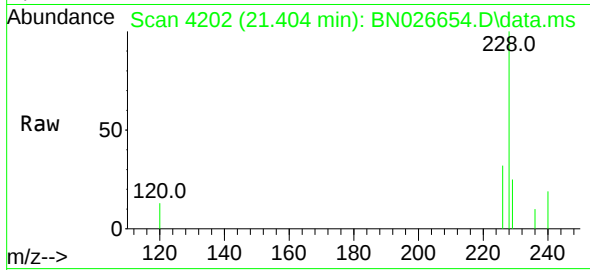
Tgt Ion:202 Resp: 5033
Ion Ratio Lower Upper
202 100
101 13.8 8.0 12.0#
100 11.7 6.2 9.2#





#21
Benzo(a)anthracene
Concen: 0.235 ng/ul m
RT: 21.404 min Scan# 41
Delta R.T. -0.006 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

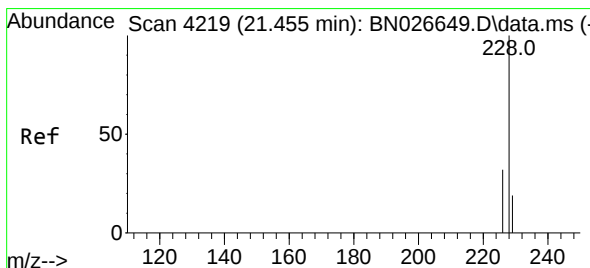
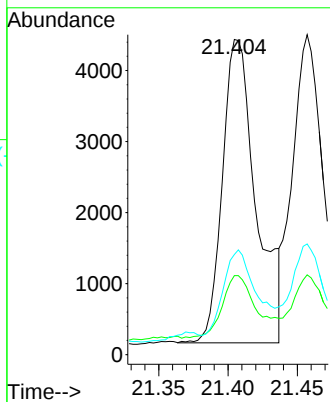
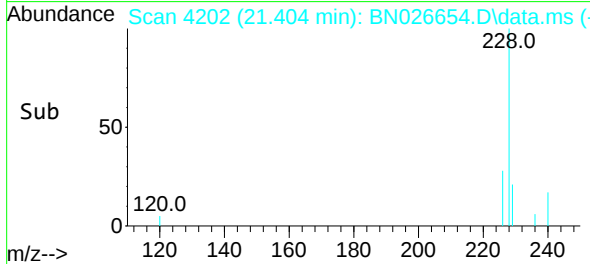
Instrument :
BNA_N
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A46R2DL



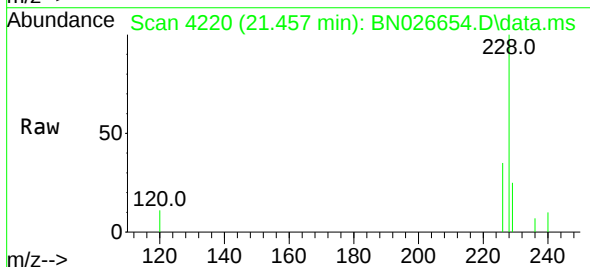
Tgt Ion:228 Resp: 7228
Ion Ratio Lower Upper
228 100
229 25.1 16.7 25.1
226 31.8 23.5 35.3

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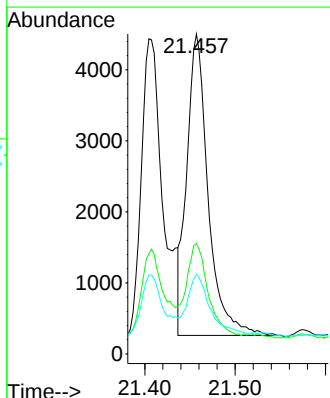
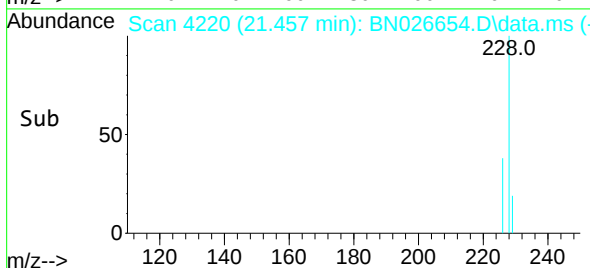
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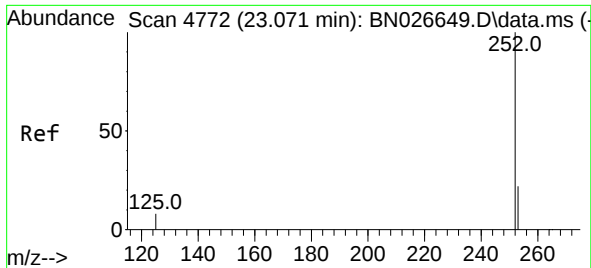


#22
Chrysene
Concen: 0.199 ng/ul
RT: 21.457 min Scan# 4220
Delta R.T. -0.006 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52



Tgt Ion:228 Resp: 6966
Ion Ratio Lower Upper
228 100
226 34.6 25.2 37.8
229 25.0 16.4 24.6





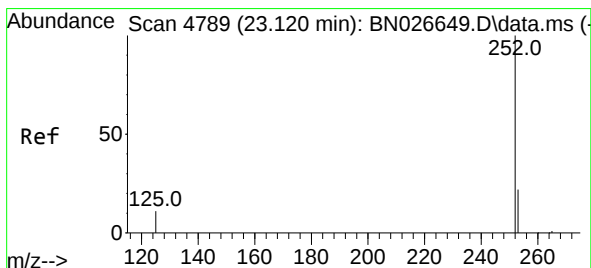
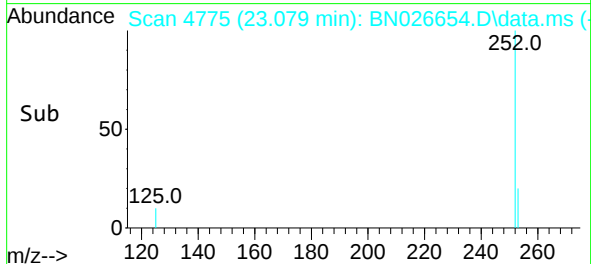
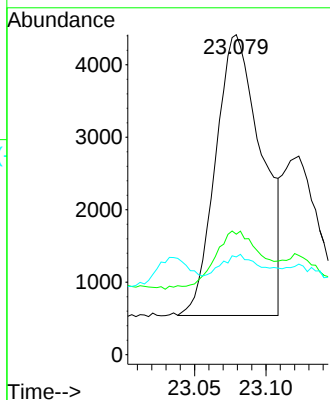
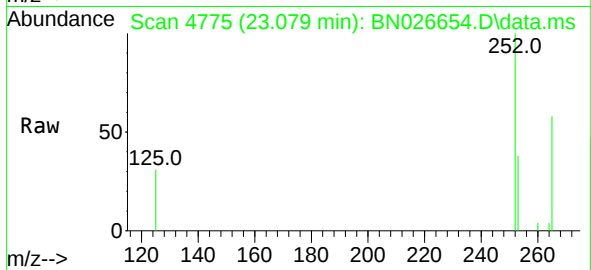
#24
Benzo(b)fluoranthene
Concen: 0.245 ng/ul m
RT: 23.079 min Scan# 4772
Delta R.T. -0.000 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

Instrument :
BNA_N
ClientSampleId :
A46R2DL

Tgt Ion:252 Resp: 868
Ion Ratio Lower Upper
252 100
253 37.6 0.0 68.6
125 30.6 0.0 34.0

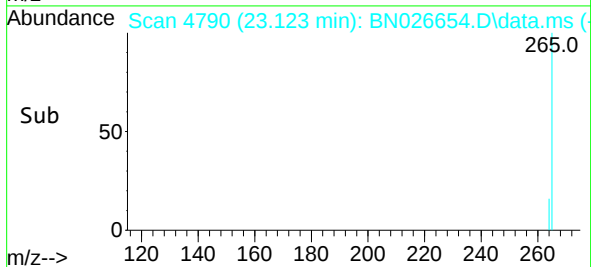
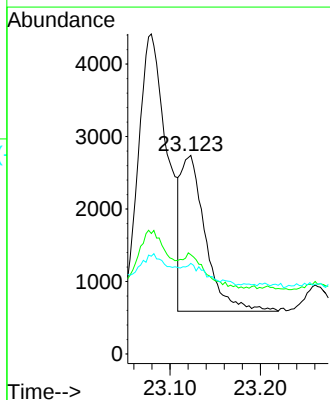
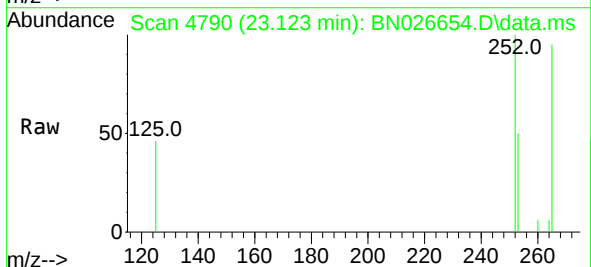
Manual Integrations
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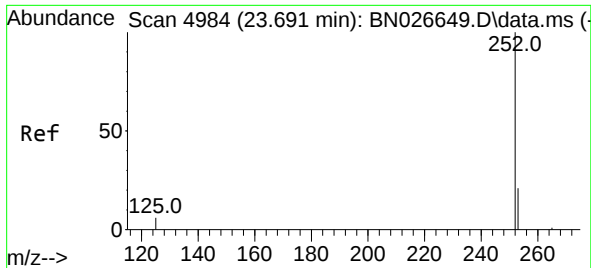
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#25
Benzo(k)fluoranthene
Concen: 0.111 ng/ul m
RT: 23.123 min Scan# 4790
Delta R.T. -0.006 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

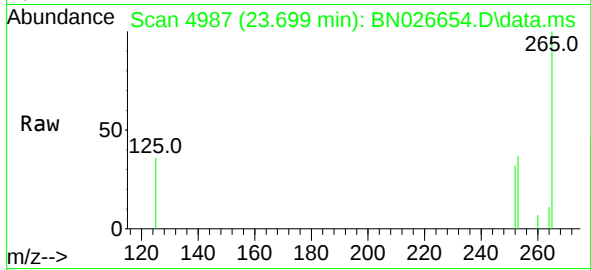
Tgt Ion:252 Resp: 4107
Ion Ratio Lower Upper
252 100
253 50.0 27.2 40.8#
125 45.6 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.022 ng/u1
RT: 23.699 min Scan# 4984
Delta R.T. 0.003 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

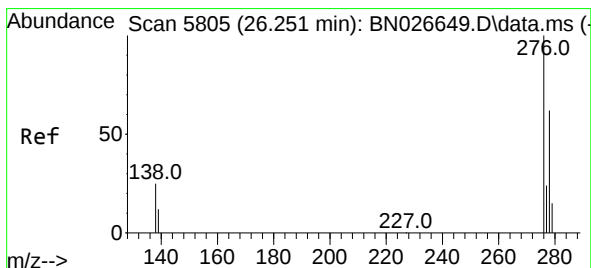
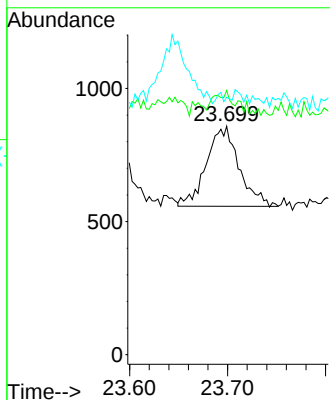
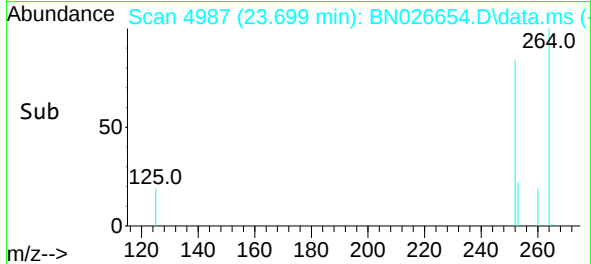
Instrument :
BNA_N
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A46R2DL



Tgt Ion:252 Resp: 692
Ion Ratio Lower Upper
252 100
253 115.6 32.6 49.0#
125 112.7 19.3 28.9#

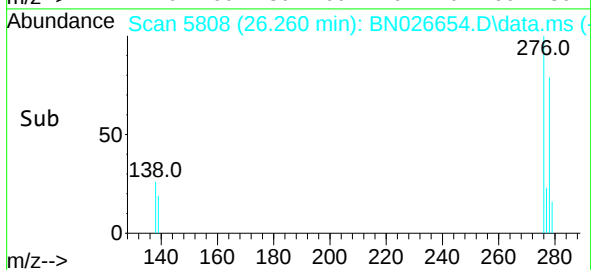
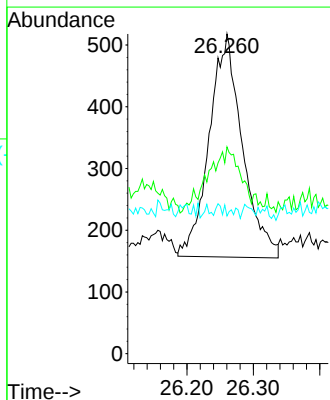
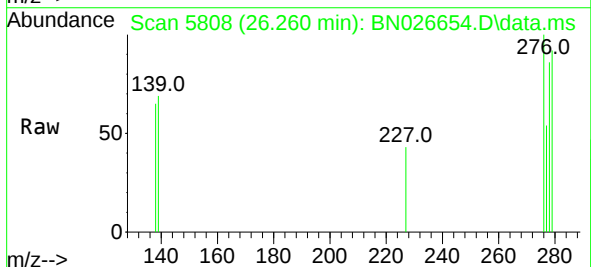
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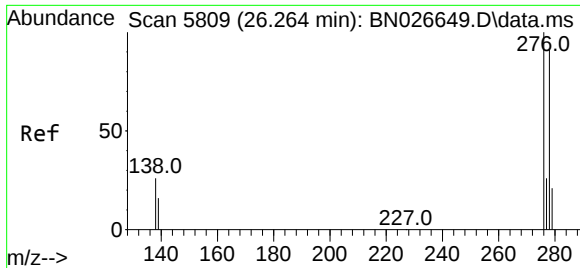
Reviewed By :Yogesh Patel 07/24/2023
Supervised By :mohammad ahmed 07/24/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/u1
RT: 26.260 min Scan# 5808
Delta R.T. 0.003 min
Lab File: BN026654.D
Acq: 22 Jul 2023 14:52

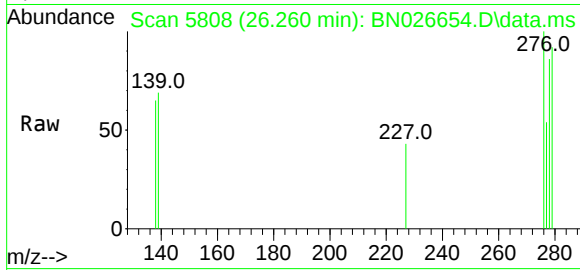
Tgt Ion:276 Resp: 1251
Ion Ratio Lower Upper
276 100
138 0.0 22.2 33.4#
227 0.2 0.1 0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.037 ng/ul
 RT: 26.260 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BN026654.D
 Acq: 22 Jul 2023 14:52

Instrument :
 BNA_N
 ClientSampleId :
 A46R2DL



Tgt Ion:278 Resp: 118
 Ion Ratio Lower Upper
 278 100
 139 80.1 18.9 28.3
 279 106.5 31.3 46.9

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