

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026067.D
 Acq On : 28 Jun 2023 20:29
 Operator : MA/JU
 Sample : 03142-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 28 23:16:17 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	7614	0.400	ng/ul	0.00
4) Naphthalene-d8	10.780	136	25181	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15459	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	31777	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	17077	0.400	ng/ul	# 0.00
23) Perylene-d12	24.004	264	16523	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	25337	2.955	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	7473	0.193	ng/ul	0.00
18) Fluoranthene-d10	19.381	212	16162	0.249	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.829	128	1741	0.024	ng/ul#	79
7) 2-Methylnaphthalene	12.441	142	965	0.021	ng/ul	89
10) Acenaphthylene	14.329	152	1687	0.023	ng/ul#	80
15) Phenanthrene	17.393	178	15369	0.146	ng/ul	98
16) Anthracene	17.486	178	2487	0.027	ng/ul#	73
19) Fluoranthene	19.409	202	40842	0.448	ng/ul#	88
20) Pyrene	19.771	202	31570m	0.333	ng/ul	
21) Benzo(a)anthracene	21.522	228	12824	0.182	ng/ul#	86
22) Chrysene	21.578	228	18397	0.251	ng/ul#	90
24) Benzo(b)fluoranthene	23.253	252	25661m	0.364	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	8630m	0.122	ng/ul	
26) Benzo(a)pyrene	23.890	252	14702	0.240	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.587	276	13161	0.197	ng/ul#	44
29) Benzo(g,h,i)perylene	27.385	276	13096	0.220	ng/ul#	85

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

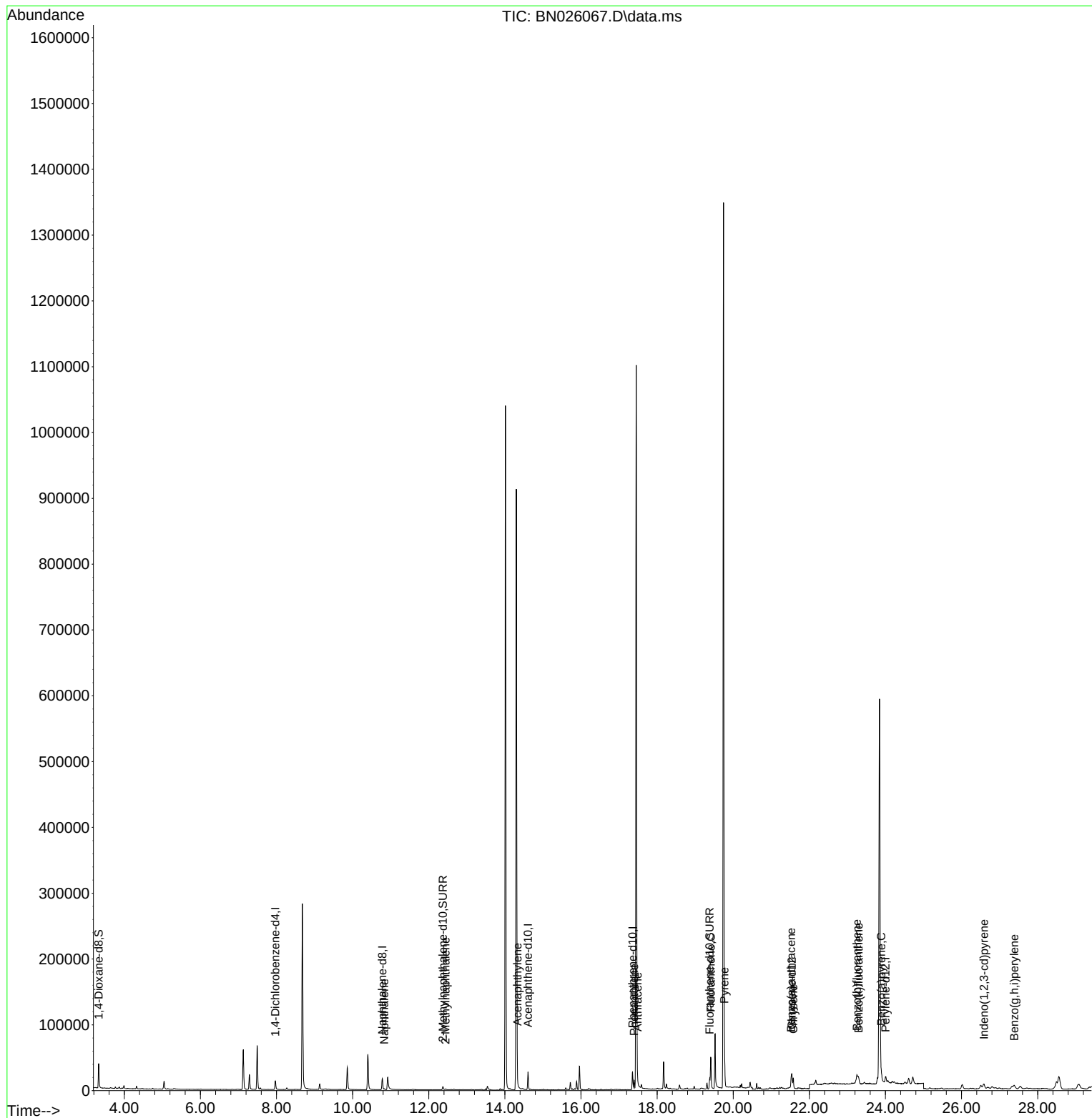
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026067.D
Acq On : 28 Jun 2023 20:29
Operator : MA/JU
Sample : 03142-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

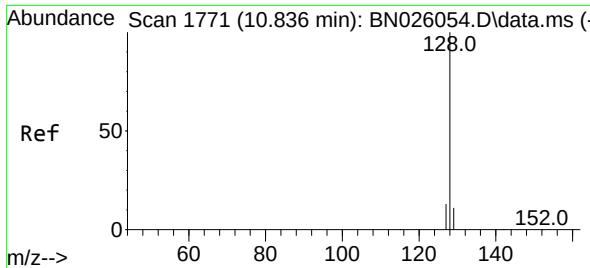
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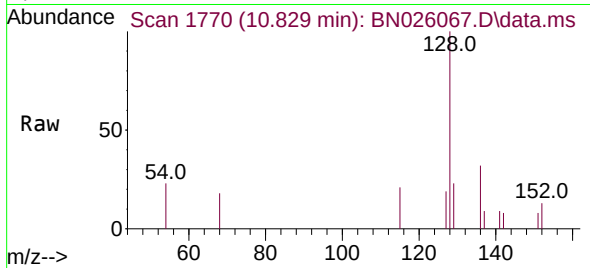
Quant Time: Jun 28 23:16:17 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.829 min Scan# 1770
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

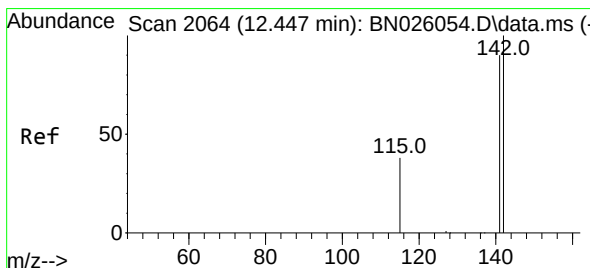
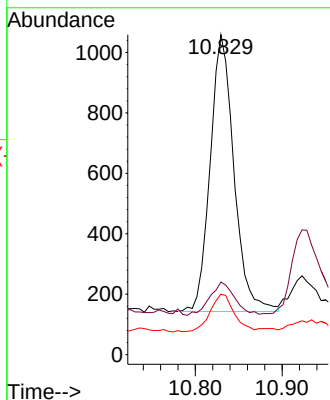
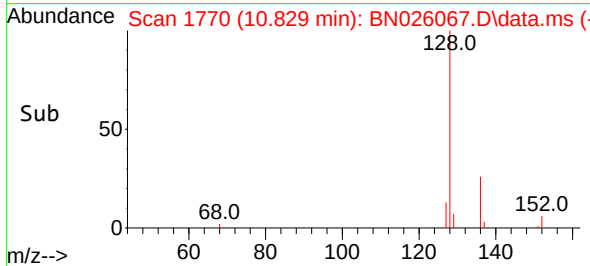
Instrument :
BNA_N
ClientSampleId :
DCFT1



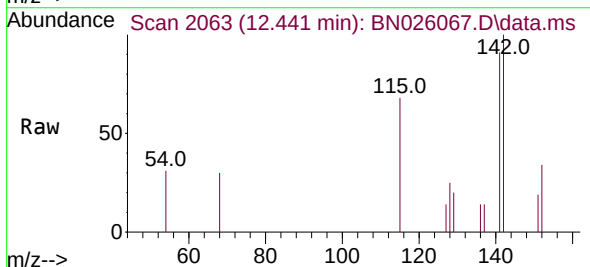
Tgt Ion:128 Resp: 174
Ion Ratio Lower Upper
128 100
129 22.7 9.1 13.7
127 18.9 10.7 16.1

Manual Integrations
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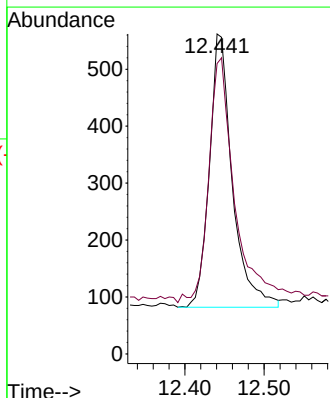
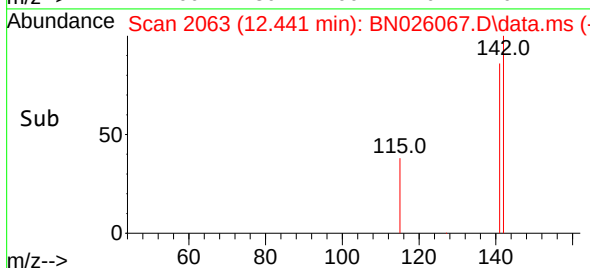
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

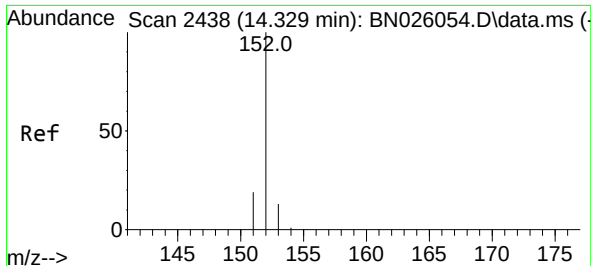


#7
2-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29



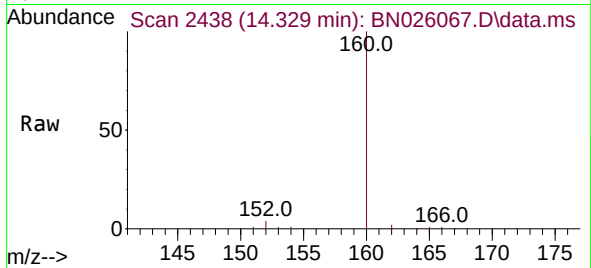
Tgt Ion:142 Resp: 965
Ion Ratio Lower Upper
142 100
141 100.3 71.9 107.9





#10
Acenaphthylene
Concen: 0.023 ng/u1
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

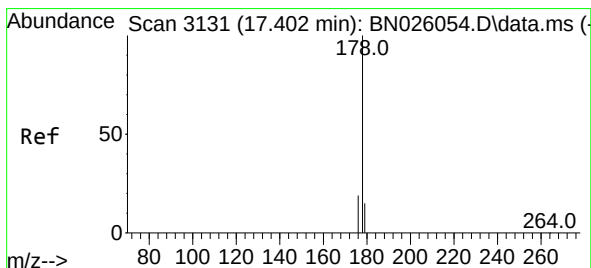
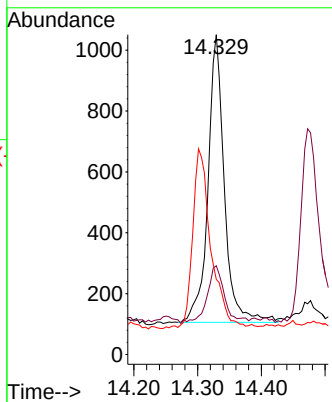
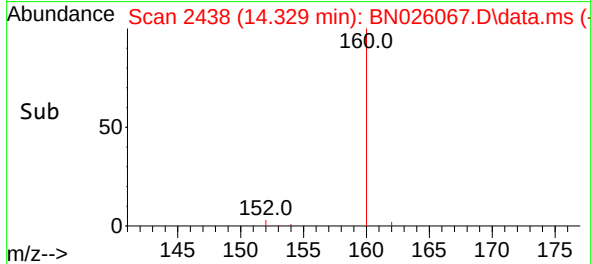
Instrument :
BNA_N
ClientSampleId :
DCFT1



Tgt Ion:152 Resp: 168
Ion Ratio Lower Upper
152 100
151 27.8 16.2 24.4
153 23.5 10.9 16.3

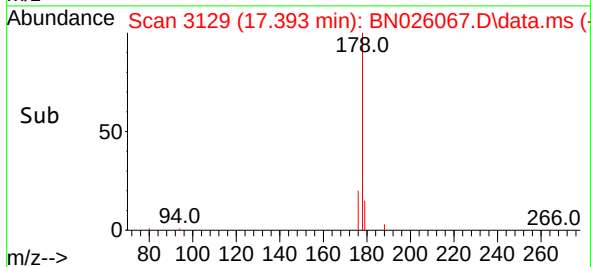
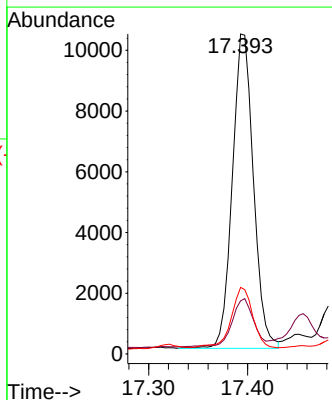
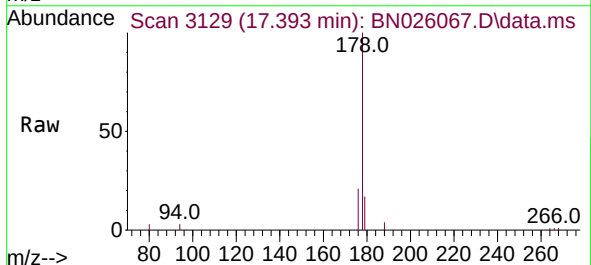
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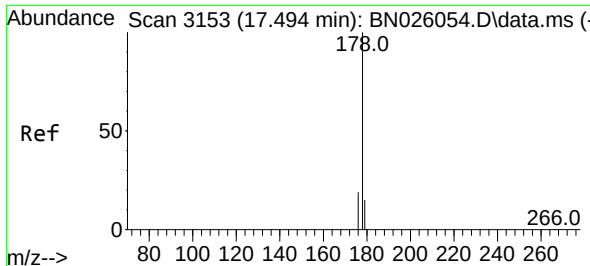
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#15
Phenanthrene
Concen: 0.146 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

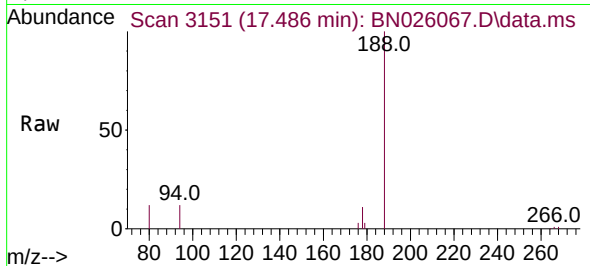
Tgt Ion:178 Resp: 15369
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.8 15.8 23.6





#16
 Anthracene
 Concen: 0.027 ng/ul
 RT: 17.486 min Scan# 3151
 Delta R.T. -0.009 min
 Lab File: BN026067.D
 Acq: 28 Jun 2023 20:29

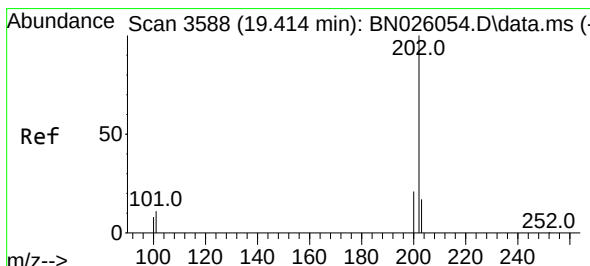
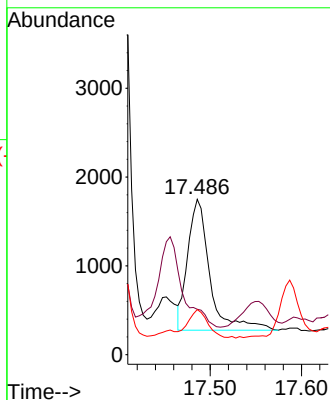
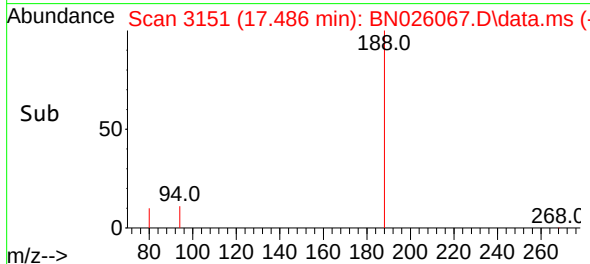
Instrument :
 BNA_N
 ClientSampleId :
 DCFT1



Tgt Ion:178 Resp: 2485
 Ion Ratio Lower Upper
 178 100
 179 29.3 12.6 18.8#
 176 29.1 15.1 22.7#

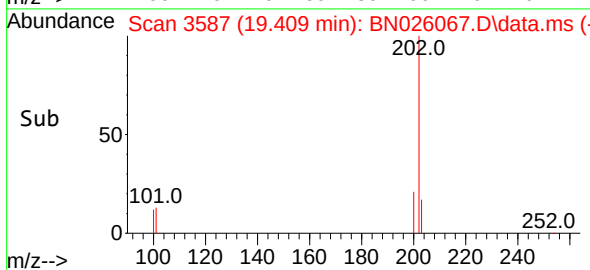
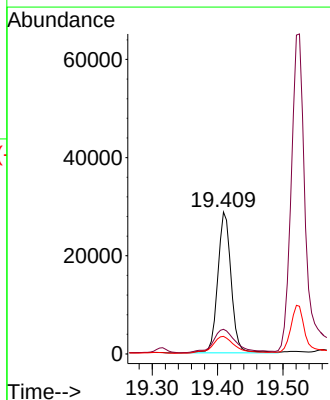
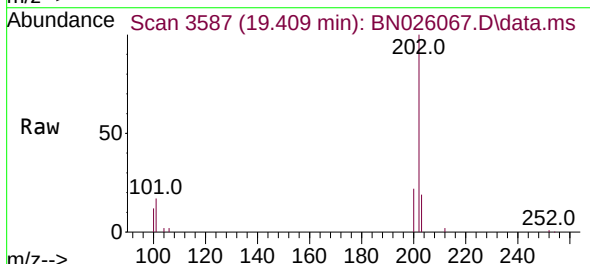
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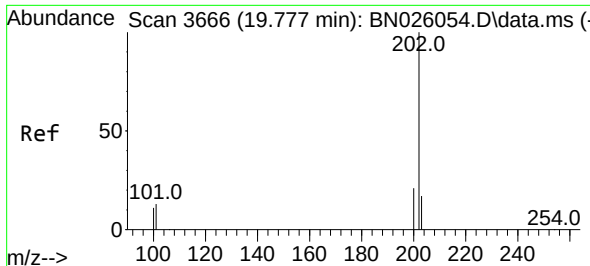
Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023



#19
 Fluoranthene
 Concen: 0.448 ng/ul
 RT: 19.409 min Scan# 3587
 Delta R.T. -0.005 min
 Lab File: BN026067.D
 Acq: 28 Jun 2023 20:29

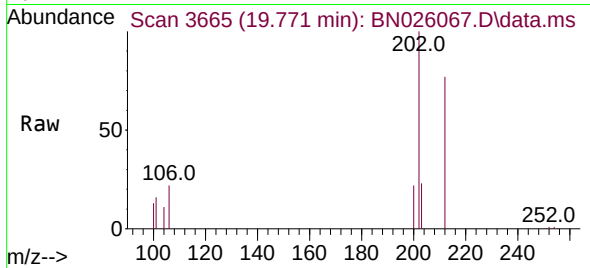
Tgt Ion:202 Resp: 40842
 Ion Ratio Lower Upper
 202 100
 101 17.4 9.5 14.3#
 100 12.4 7.3 10.9#





#20
Pyrene
Concen: 0.333 ng/ul m
RT: 19.771 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

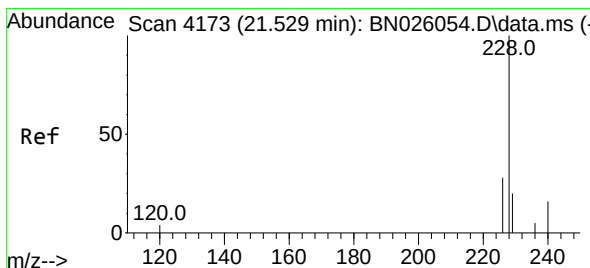
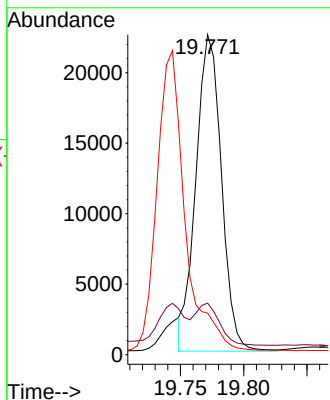
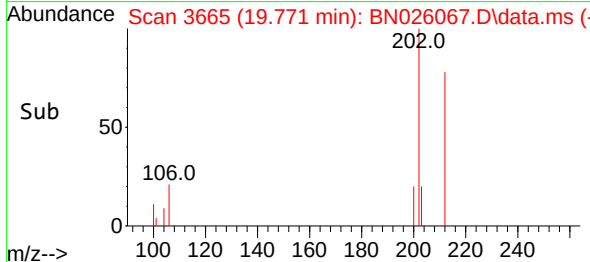
Instrument :
BNA_N
ClientSampleId :
DCFT1



Tgt Ion:202 Resp: 31570
Ion Ratio Lower Upper
202 100
101 16.1 11.4 17.0
100 13.0 9.1 13.7

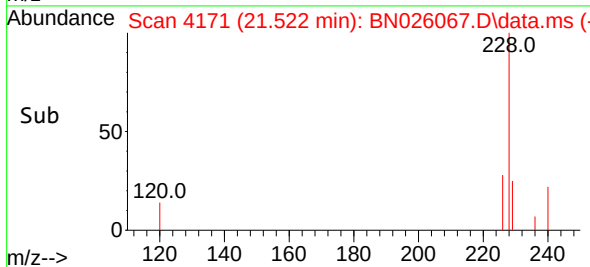
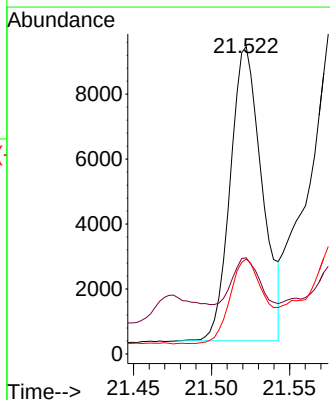
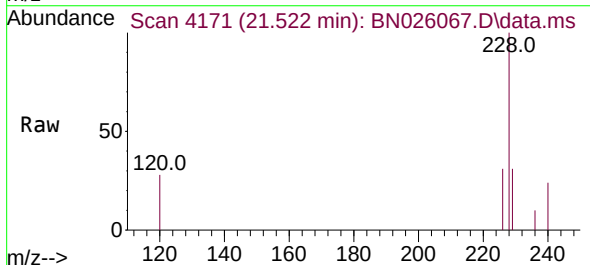
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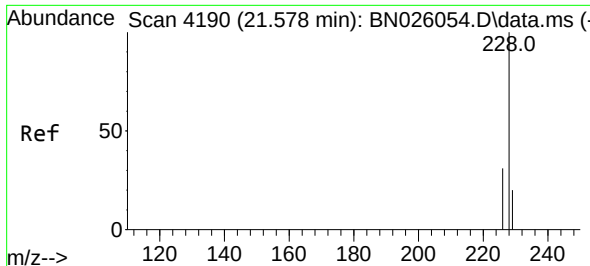
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#21
Benzo(a)anthracene
Concen: 0.182 ng/ul
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

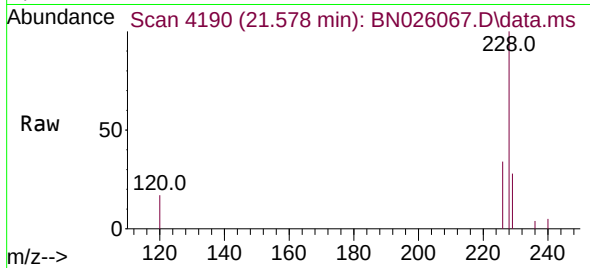
Tgt Ion:228 Resp: 12824
Ion Ratio Lower Upper
228 100
229 31.3 15.8 23.6#
226 30.9 22.5 33.7





#22
Chrysene
Concen: 0.251 ng/ul
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

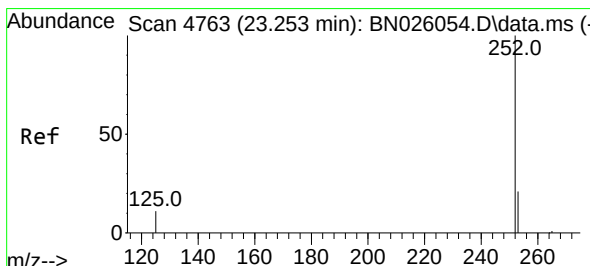
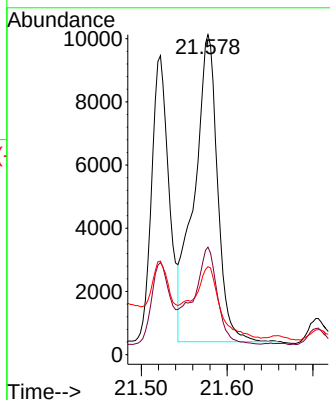
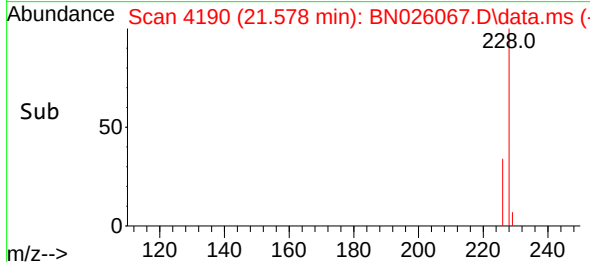
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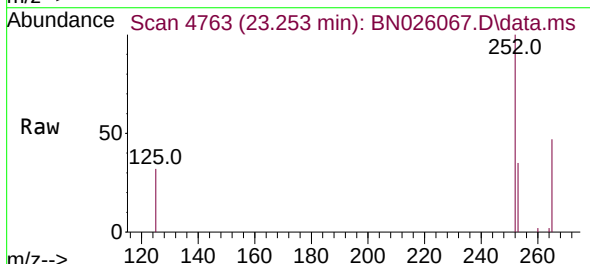
Tgt Ion:228 Resp: 18397
Ion Ratio Lower Upper
228 100
226 33.6 24.8 37.2
229 27.5 15.7 23.5

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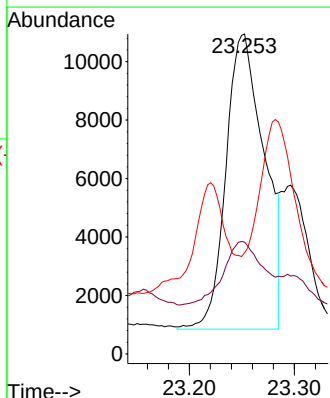
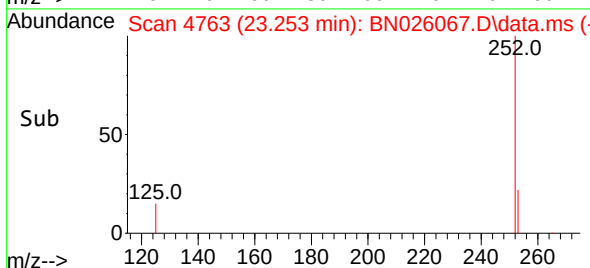
Reviewed By :Yogesh Patel 06/29/2023
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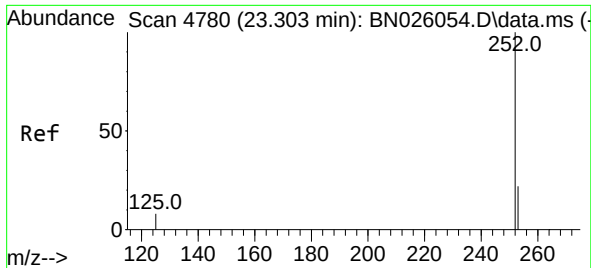


#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.001 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29



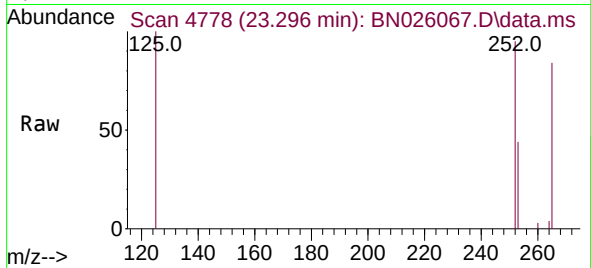
Tgt Ion:252 Resp: 25661
Ion Ratio Lower Upper
252 100
253 35.0 0.0 55.6
125 31.6 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.122 ng/ul m
RT: 23.296 min Scan# 4778
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

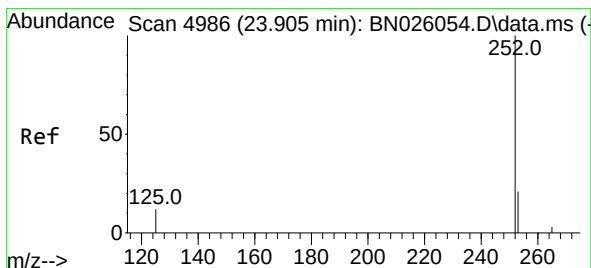
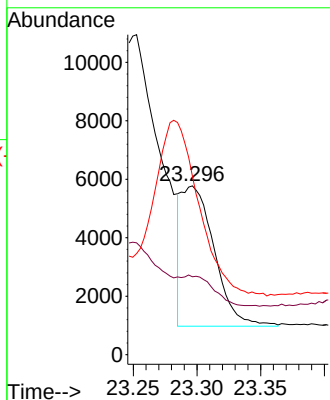
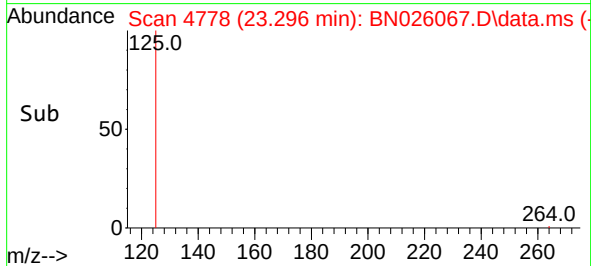
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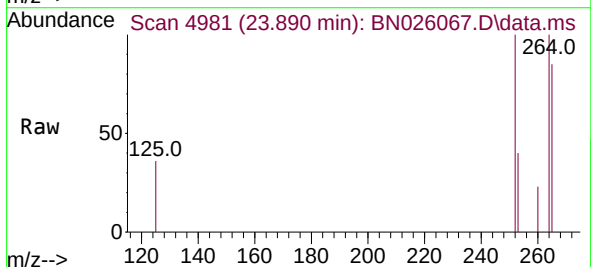
Tgt Ion:252 Resp: 8630
Ion Ratio Lower Upper
252 100
253 46.2 23.2 34.8
125 105.7 15.0 22.4

Manual Integrations
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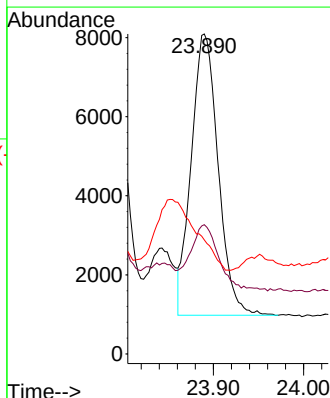
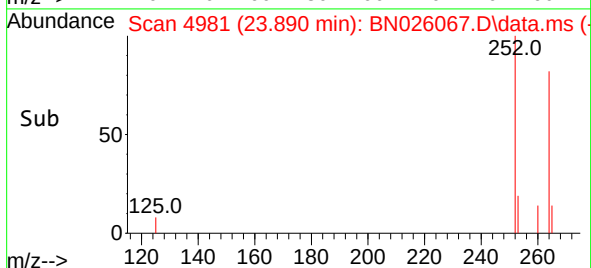
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

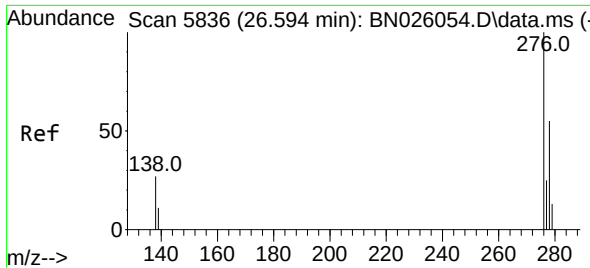


#26
Benzo(a)pyrene
Concen: 0.240 ng/ul
RT: 23.890 min Scan# 4981
Delta R.T. -0.015 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29



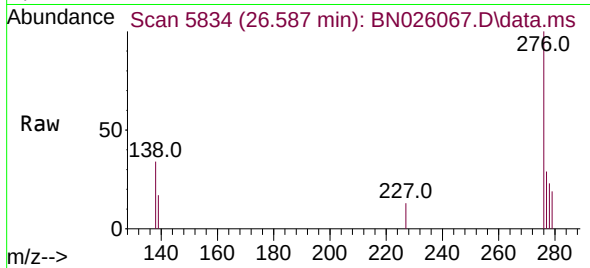
Tgt Ion:252 Resp: 14702
Ion Ratio Lower Upper
252 100
253 40.4 26.0 39.0#
125 35.7 17.3 25.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.197 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.007 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29

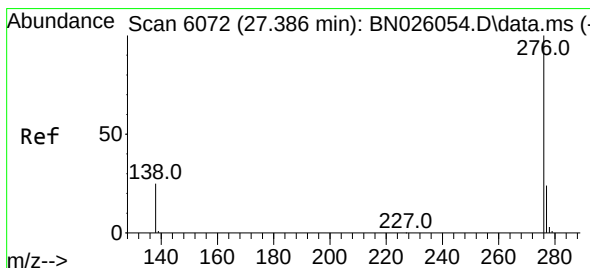
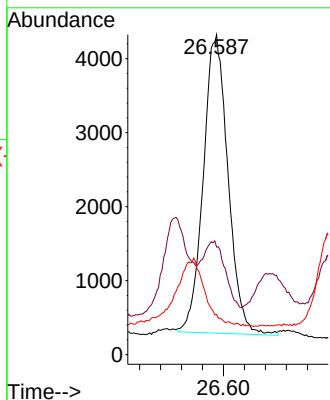
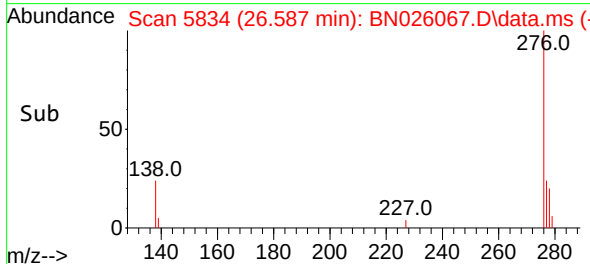
Instrument :
BNA_N
ClientSampleId :
DCFT1



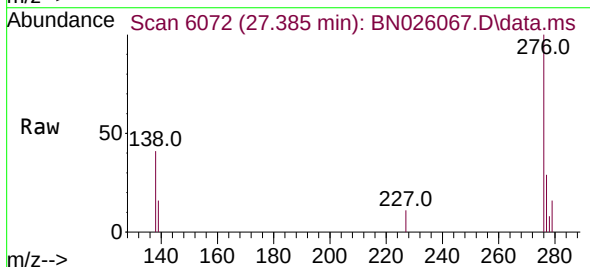
Tgt Ion:276 Resp: 1316
Ion Ratio Lower Upper
276 100
138 0.0 24.5 36.7
227 0.0 0.0 0.0

Manual Integrations
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Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.220 ng/ul
RT: 27.385 min Scan# 6072
Delta R.T. -0.001 min
Lab File: BN026067.D
Acq: 28 Jun 2023 20:29



Tgt Ion:276 Resp: 13096
Ion Ratio Lower Upper
276 100
138 40.5 23.4 35.0
227 28.6 20.0 30.0

