

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026140.D
 Acq On : 30 Jun 2023 21:24
 Operator : MA/JU
 Sample : 03143-22DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 01:48:16 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	7668	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25222	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	14320	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28013	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	15412	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	14614	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	3530	0.409	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	1072	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2072	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	1617	0.022	ng/ul#	80
10) Acenaphthylene	14.325	152	1395	0.021	ng/ul#	76
15) Phenanthrene	17.393	178	13455	0.145	ng/ul	98
16) Anthracene	17.482	178	1919	0.023	ng/ul#	75
19) Fluoranthene	19.405	202	37022	0.450	ng/ul	99
20) Pyrene	19.768	202	30879	0.361	ng/ul	99
21) Benzo(a)anthracene	21.523	228	12937	0.203	ng/ul	93
22) Chrysene	21.576	228	17283	0.261	ng/ul#	94
24) Benzo(b)fluoranthene	23.251	252	25929m	0.416	ng/ul	
25) Benzo(k)fluoranthene	23.291	252	9720m	0.155	ng/ul	
26) Benzo(a)pyrene	23.897	252	14125	0.261	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.588	276	13237	0.224	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.605	278	3052	0.068	ng/ul#	29
29) Benzo(g,h,i)perylene	27.389	276	12304	0.234	ng/ul	93

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

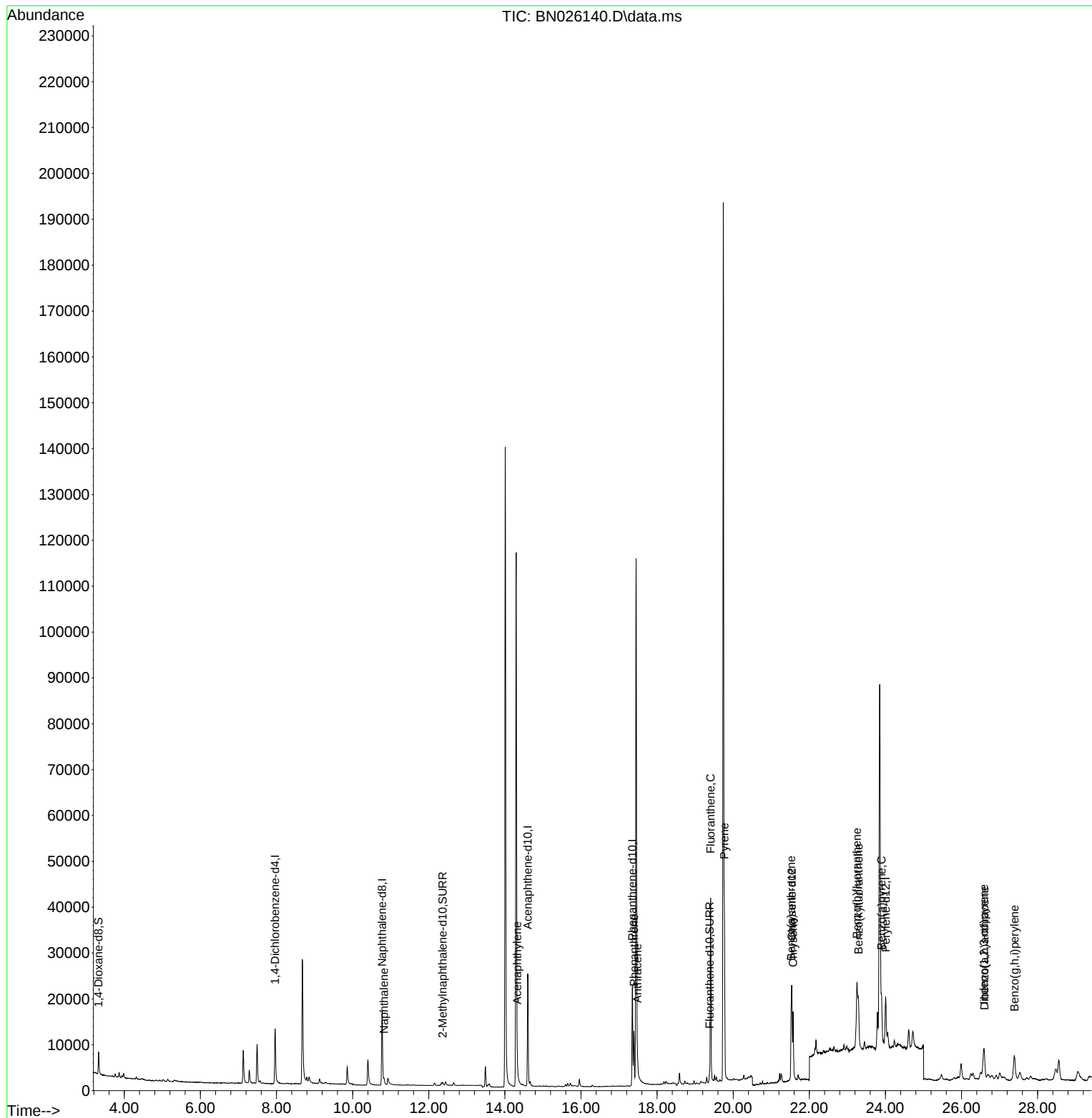
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026140.D
Acq On : 30 Jun 2023 21:24
Operator : MA/JU
Sample : 03143-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

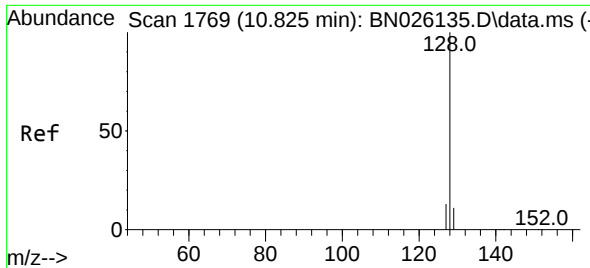
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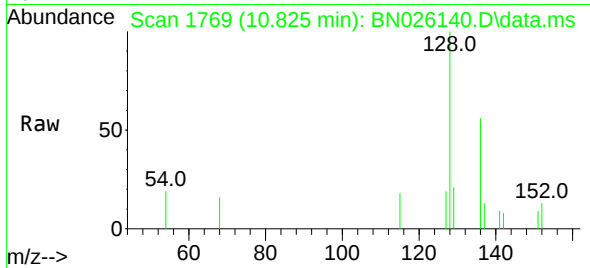
Quant Time: Jul 01 01:48:16 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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#5
Naphthalene
Concen: 0.022 ng/u1
RT: 10.825 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

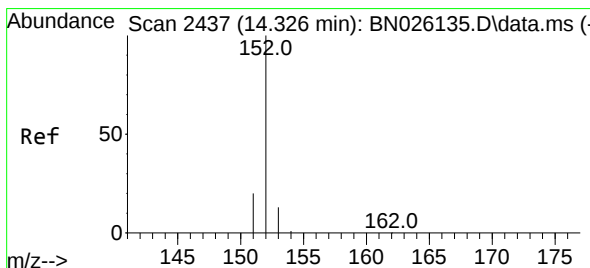
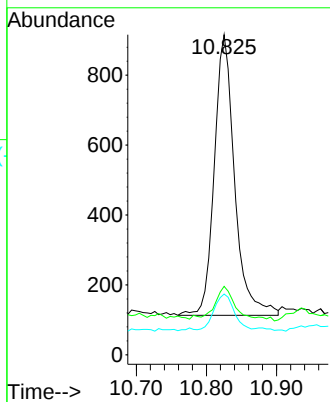
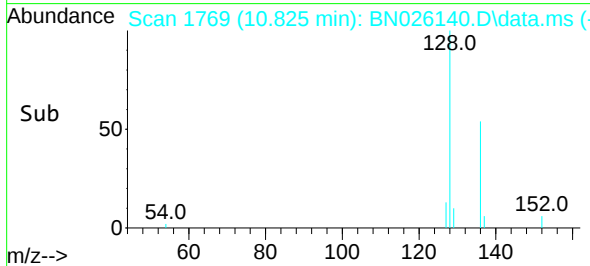
Instrument :
BNA_N
ClientSampleId :
DCFV9DL



Tgt Ion:128 Resp: 161
Ion Ratio Lower Upper
128 100
129 21.4 9.1 13.7#
127 19.0 10.7 16.1#

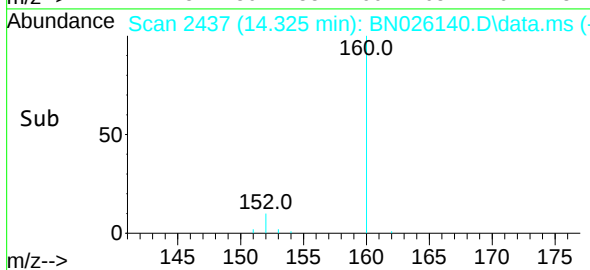
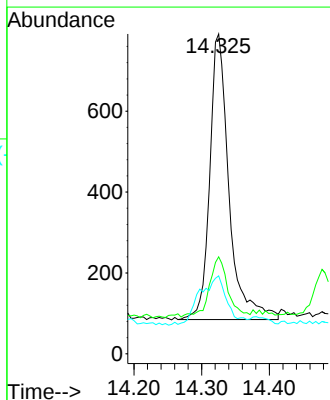
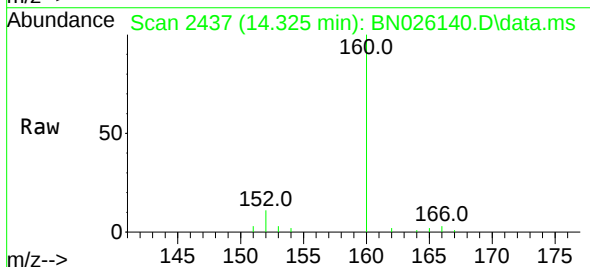
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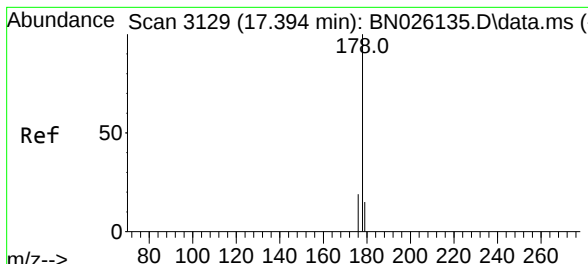
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.021 ng/u1
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

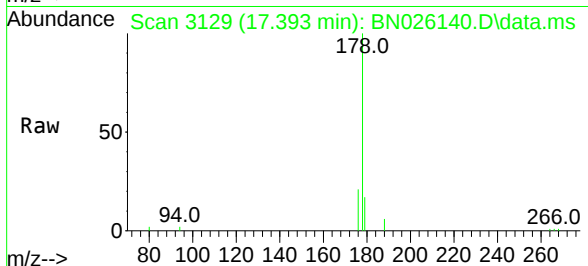
Tgt Ion:152 Resp: 1395
Ion Ratio Lower Upper
152 100
151 30.3 16.2 24.4#
153 24.4 10.9 16.3#





#15
 Phenanthrene
 Concen: 0.145 ng/ul
 RT: 17.393 min Scan# 3129
 Delta R.T. -0.001 min
 Lab File: BN026140.D
 Acq: 30 Jun 2023 21:24

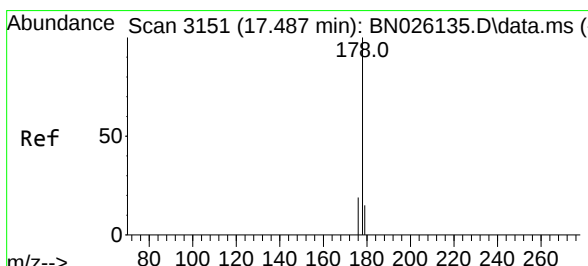
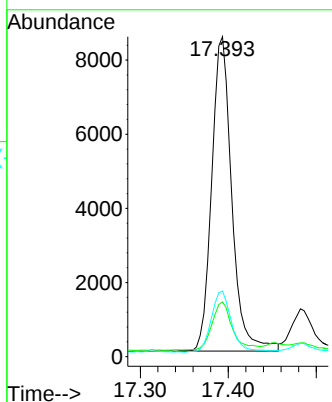
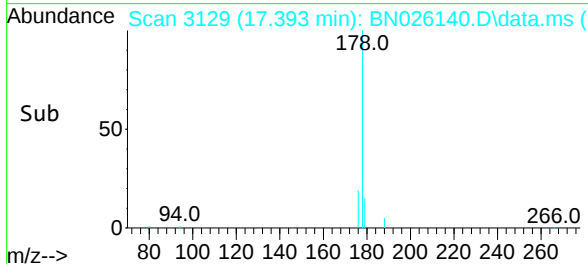
Instrument :
 BNA_N
 ClientSampleId :
 DCFV9DL



Tgt Ion:178 Resp: 1345
 Ion Ratio Lower Upper
 178 100
 179 17.1 12.6 19.0
 176 20.5 15.8 23.6

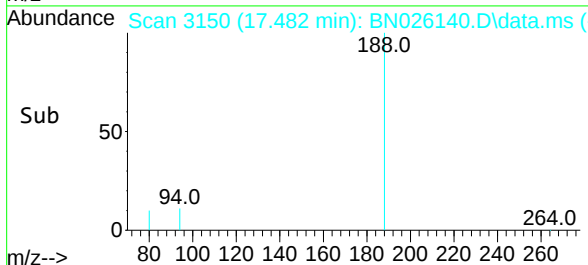
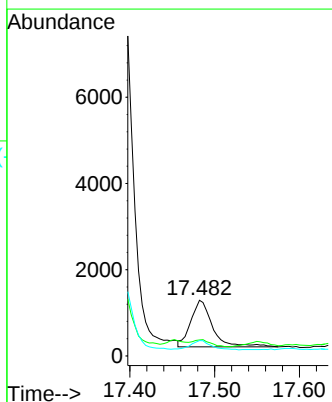
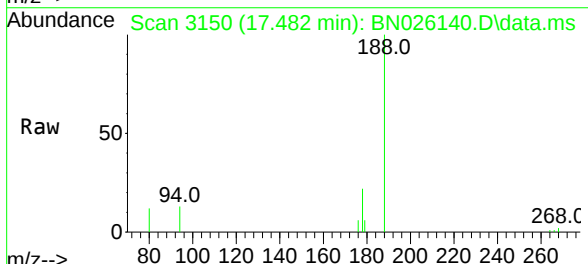
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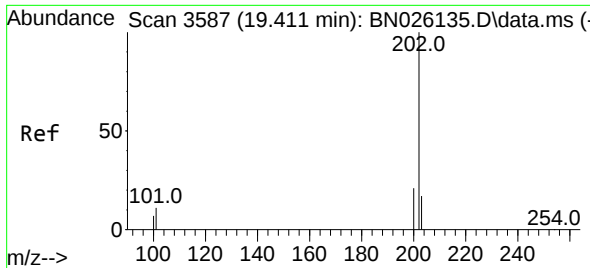
Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023



#16
 Anthracene
 Concen: 0.023 ng/ul
 RT: 17.482 min Scan# 3150
 Delta R.T. -0.005 min
 Lab File: BN026140.D
 Acq: 30 Jun 2023 21:24

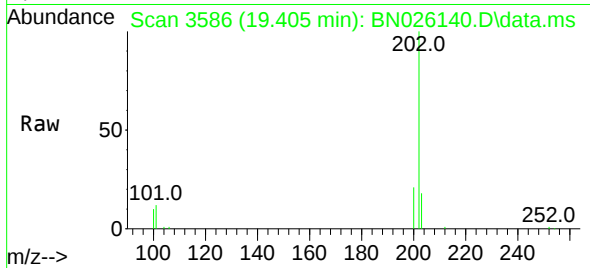
Tgt Ion:178 Resp: 1919
 Ion Ratio Lower Upper
 178 100
 179 28.8 12.6 18.8#
 176 27.7 15.1 22.7#





#19
Fluoranthene
Concen: 0.450 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

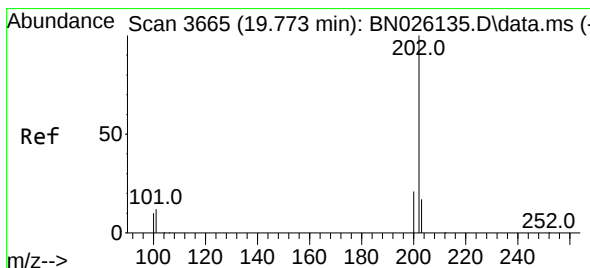
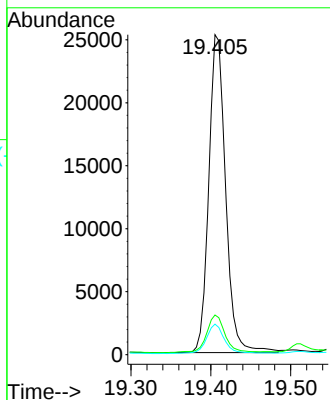
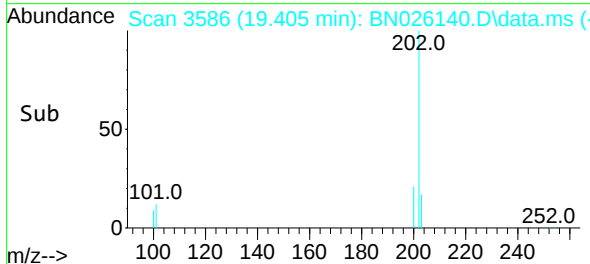
Instrument :
BNA_N
ClientSampleId :
DCFV9DL



Tgt Ion:202 Resp: 3702
Ion Ratio Lower Upper
202 100
101 12.4 9.5 14.3
100 9.6 7.3 10.9

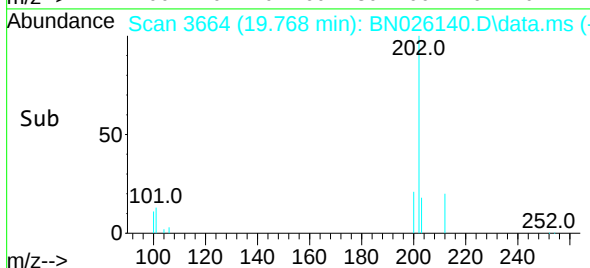
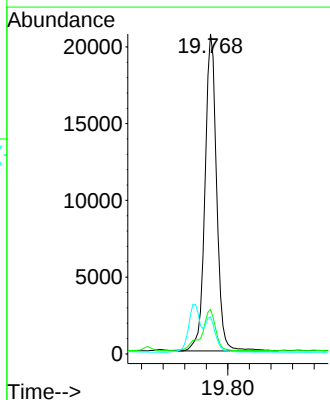
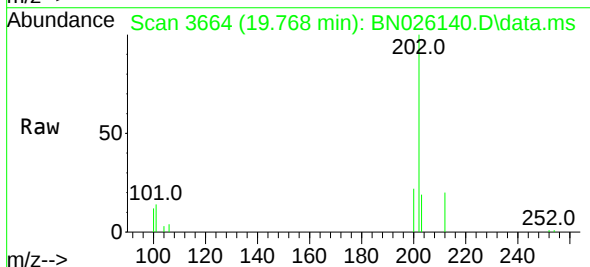
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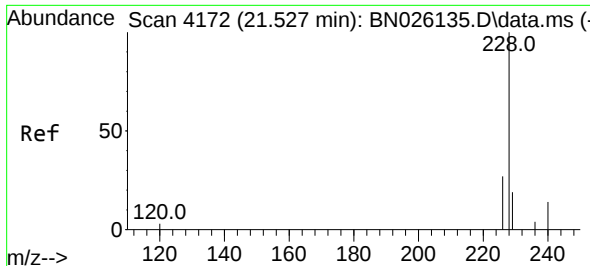
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 0.361 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

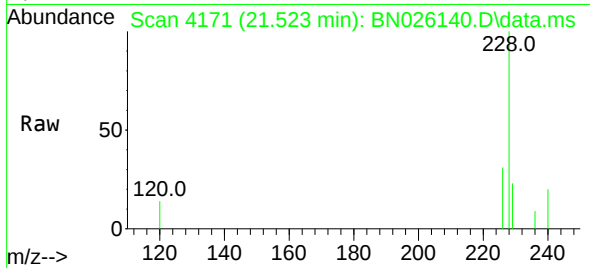
Tgt Ion:202 Resp: 30879
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.203 ng/ul
RT: 21.523 min Scan# 4172
Delta R.T. -0.004 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

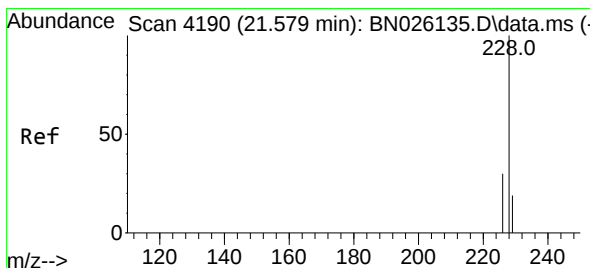
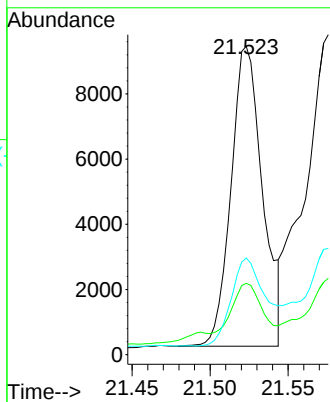
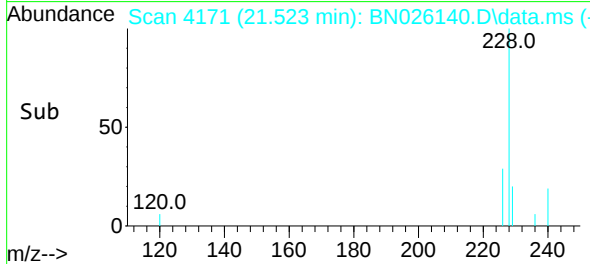
Instrument :
BNA_N
ClientSampleId :
DCFV9DL



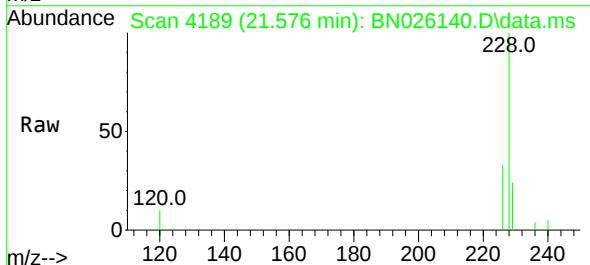
Tgt Ion:228 Resp: 12937
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 31.3 22.5 33.7

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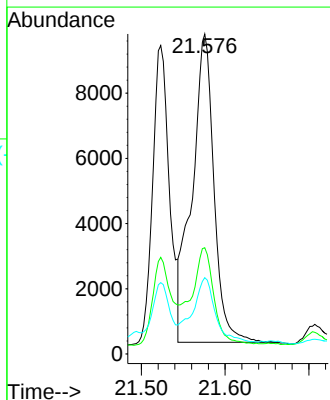
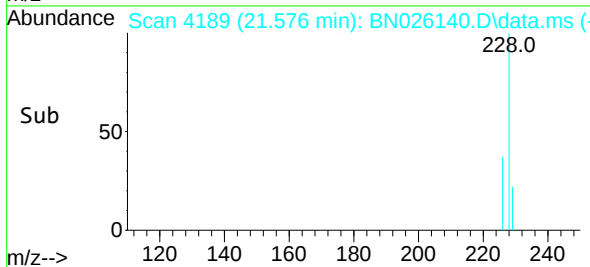
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

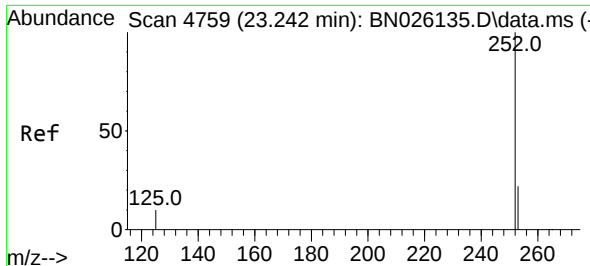


#22
Chrysene
Concen: 0.261 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24



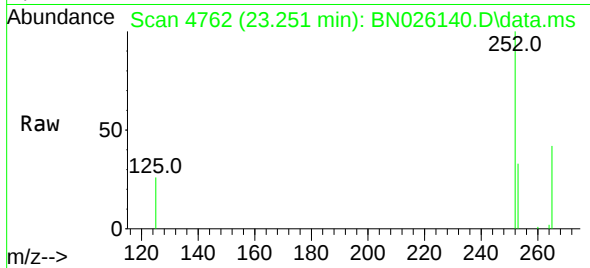
Tgt Ion:228 Resp: 17283
Ion Ratio Lower Upper
228 100
226 33.2 24.8 37.2
229 23.8 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.416 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. 0.008 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

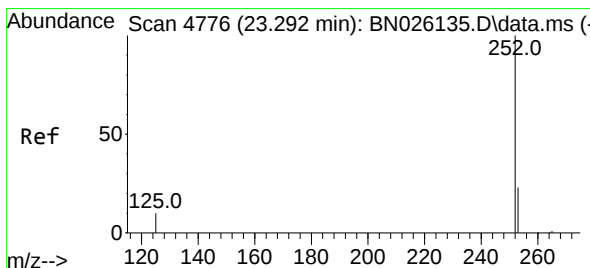
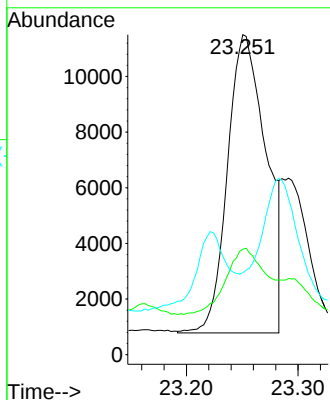
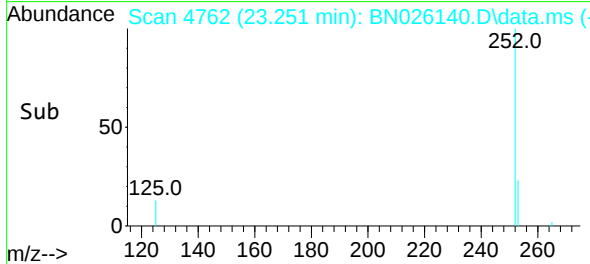
Instrument :
BNA_N
ClientSampleId :
DCFV9DL



Tgt Ion:252 Resp: 25929
Ion Ratio Lower Upper
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253 33.0 0.0 55.6
125 25.6 0.0 35.8

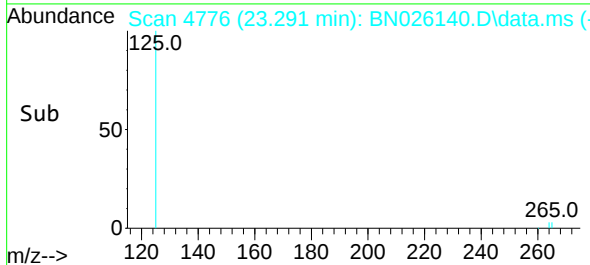
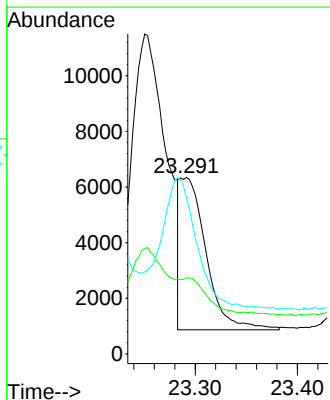
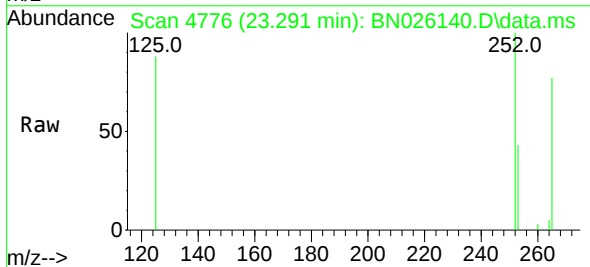
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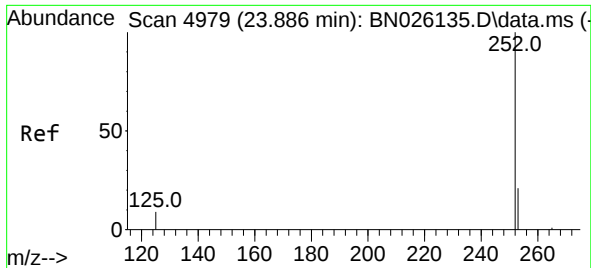
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.155 ng/ul m
RT: 23.291 min Scan# 4776
Delta R.T. -0.001 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

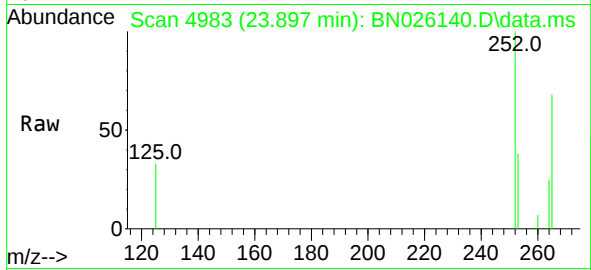
Tgt Ion:252 Resp: 9720
Ion Ratio Lower Upper
252 100
253 43.1 23.2 34.8#
125 88.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.897 min Scan# 4979
Delta R.T. 0.011 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

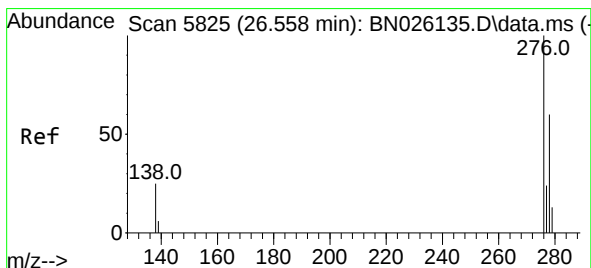
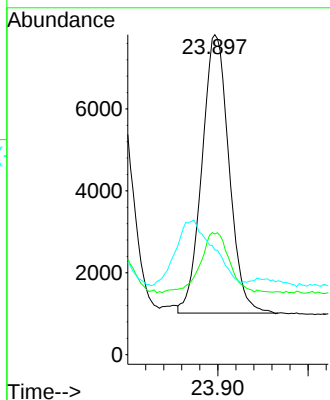
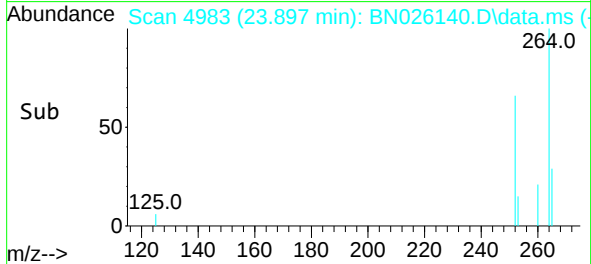
Instrument :
BNA_N
ClientSampleId :
DCFV9DL



Tgt Ion:252 Resp: 14125
Ion Ratio Lower Upper
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253 37.7 26.0 39.0
125 32.7 17.3 25.9

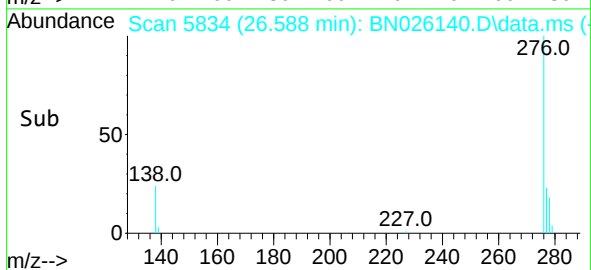
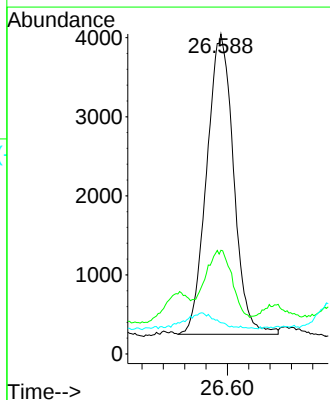
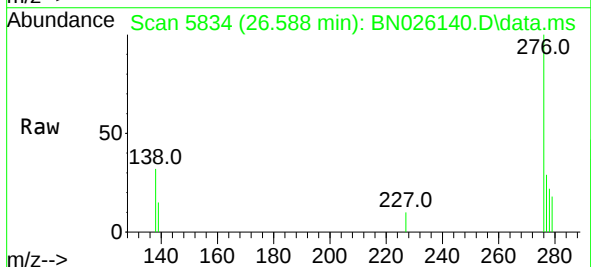
Manual Integrations
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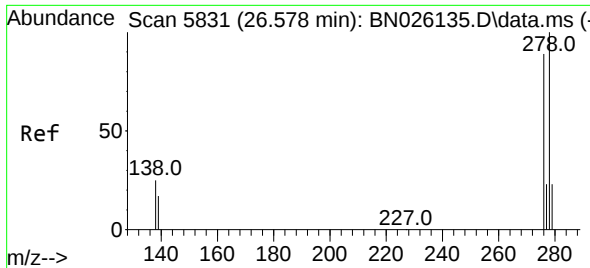
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.224 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. 0.030 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

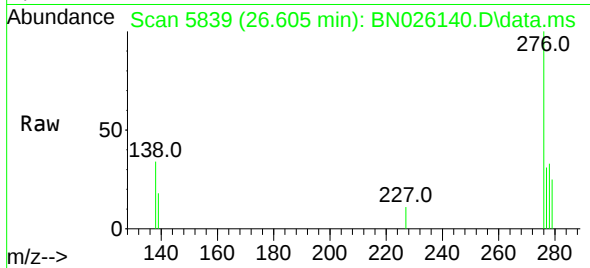
Tgt Ion:276 Resp: 13237
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.068 ng/ul
RT: 26.605 min Scan# 5831
Delta R.T. 0.026 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24

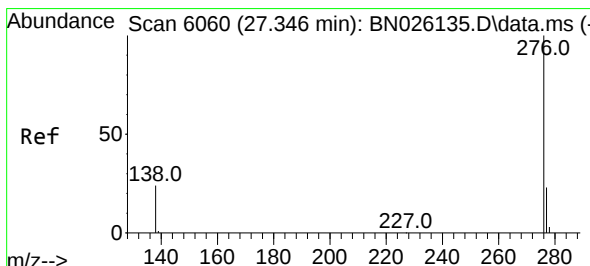
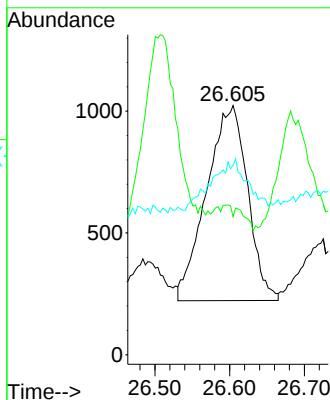
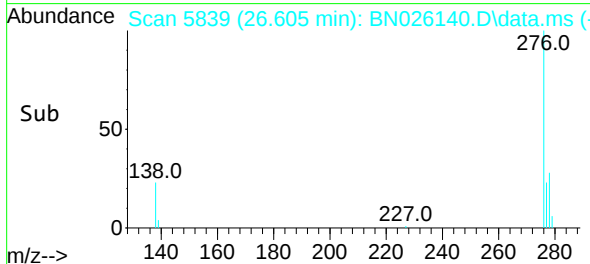
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BNA_N
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DCFV9DL



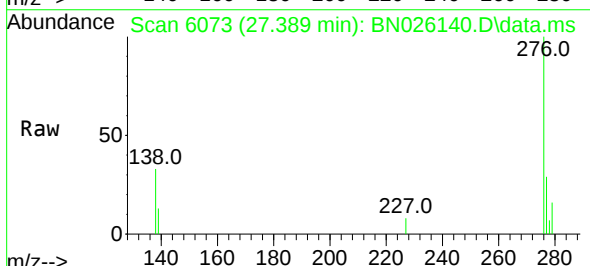
Tgt Ion:278 Resp: 3052
Ion Ratio Lower Upper
278 100
139 55.4 19.0 28.4
279 76.1 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.234 ng/ul
RT: 27.389 min Scan# 6073
Delta R.T. 0.043 min
Lab File: BN026140.D
Acq: 30 Jun 2023 21:24



Tgt Ion:276 Resp: 12304
Ion Ratio Lower Upper
276 100
138 33.3 23.4 35.0
277 28.7 20.0 30.0

