

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026260.D
 Acq On : 04 Jul 2023 13:09
 Operator : MA/JU
 Sample : 03247-05DL 5X
 Misc :
 ALS Vial : 117 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL1DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 04 23:30:01 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 : Tue Jul 04 00:40:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	8637	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27495	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15184	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.342	188	27843	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	16209	0.400	ng/ul	0.00
23) Perylene-d12	23.990	264	18405	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5332	0.548	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1461	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.372	212	2445	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.808	128	2371	0.030	ng/ul#	88
10) Acenaphthylene	14.311	152	1989	0.028	ng/ul#	80
15) Phenanthrene	17.380	178	13569	0.148	ng/ul	97
16) Anthracene	17.473	178	3532	0.043	ng/ul#	84
19) Fluoranthene	19.400	202	41135	0.475	ng/ul	99
20) Pyrene	19.762	202	33563	0.373	ng/ul	99
21) Benzo(a)anthracene	21.520	228	17978	0.269	ng/ul	95
22) Chrysene	21.569	228	20389	0.293	ng/ul#	93
24) Benzo(b)fluoranthene	23.241	252	33155m	0.422	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	10292m	0.130	ng/ul	
26) Benzo(a)pyrene	23.878	252	18376	0.269	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.557	276	15777	0.212	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.560	278	3969	0.070	ng/ul#	23
29) Benzo(g,h,i)perylene	27.345	276	13802	0.208	ng/ul#	90

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

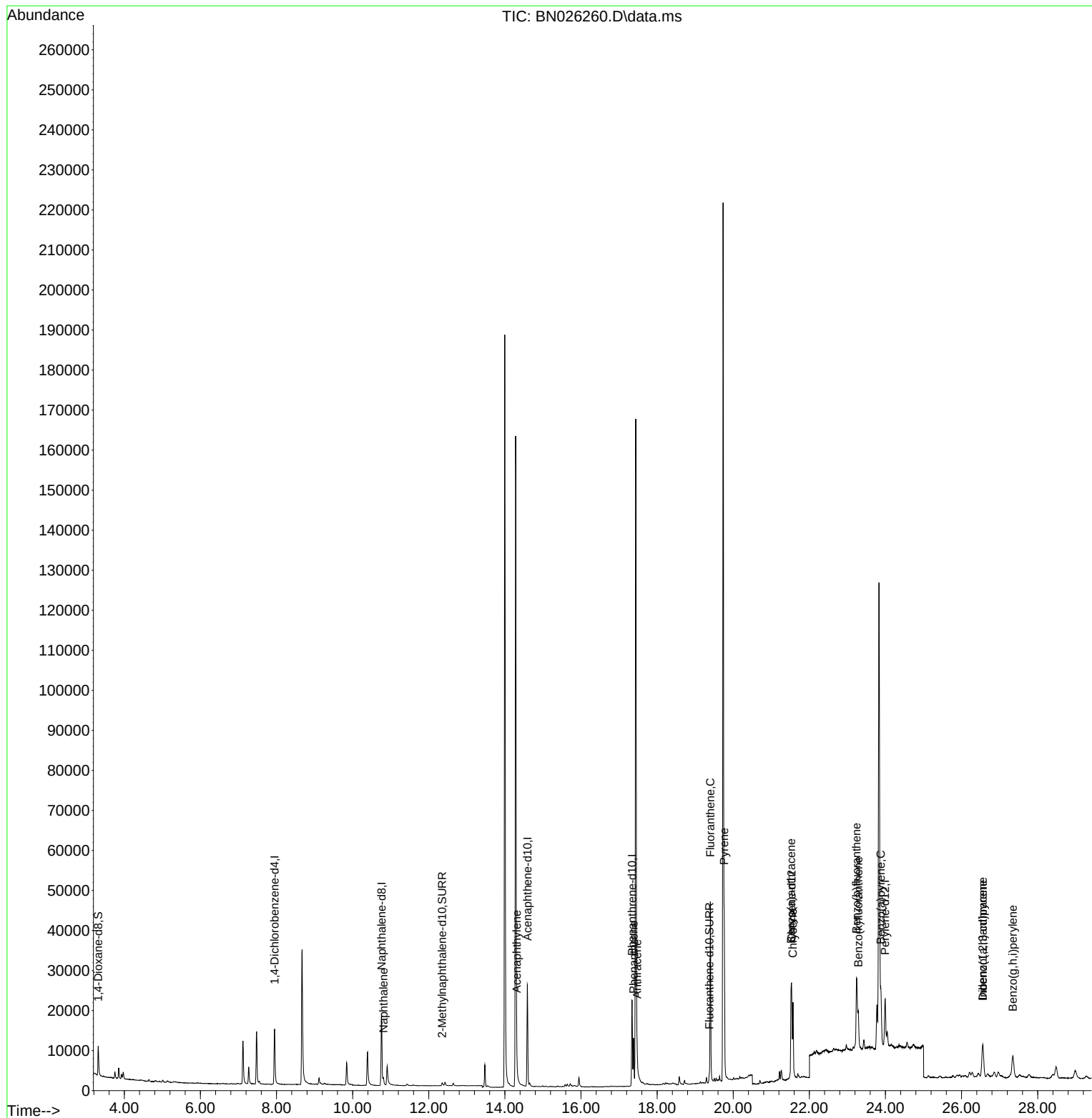
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026260.D
Acq On : 04 Jul 2023 13:09
Operator : MA/JU
Sample : 03247-05DL 5X
Misc :
ALS Vial : 117 Sample Multiplier: 1

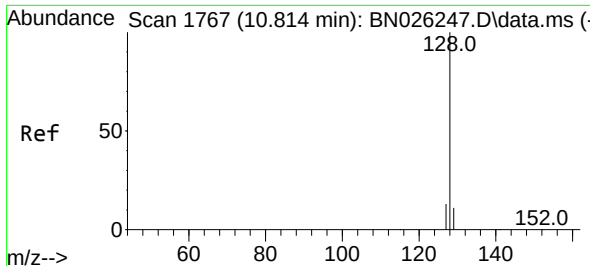
Instrument :
BNA_N
ClientSampleId :
DCGL1DL

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

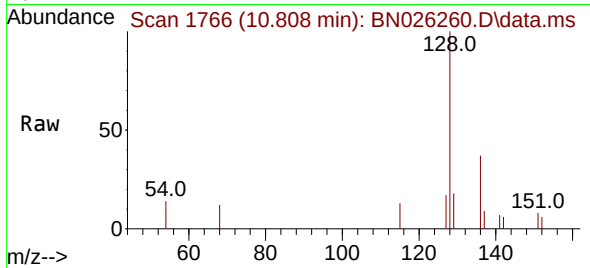
Quant Time: Jul 04 23:30:01 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.030 ng/ul
RT: 10.808 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

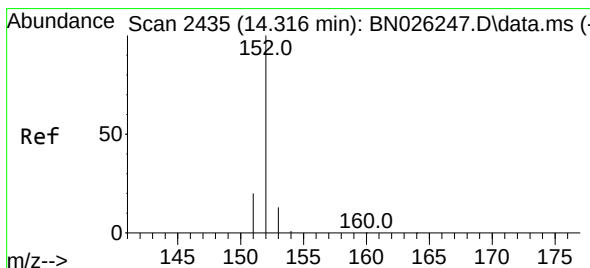
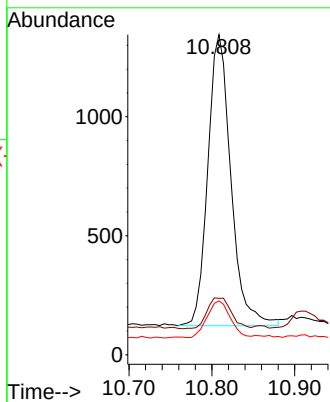
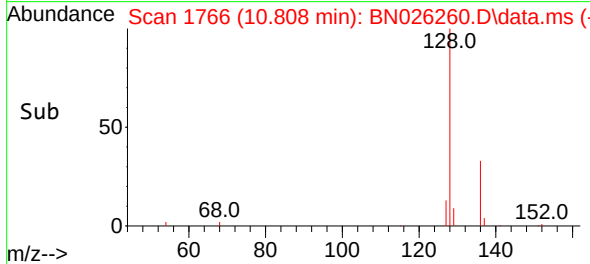
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



Tgt Ion:128 Resp: 237
Ion Ratio Lower Upper
128 100
129 17.6 9.1 13.7
127 16.8 10.7 16.1

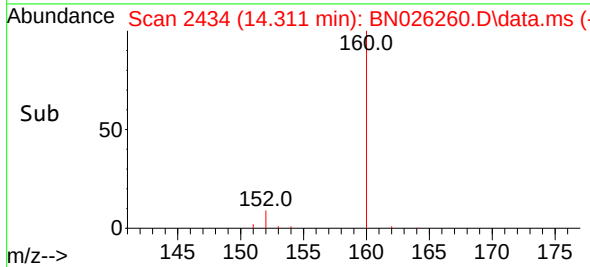
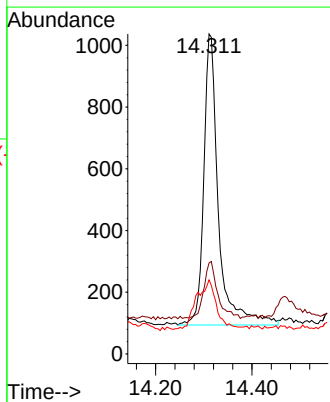
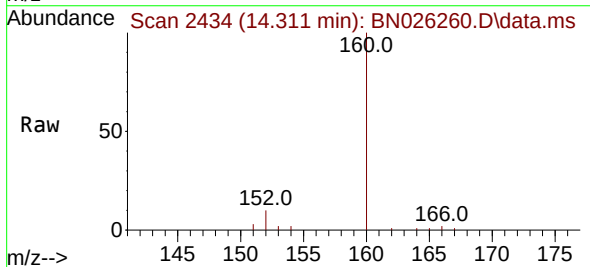
Manual Integrations
APPROVED

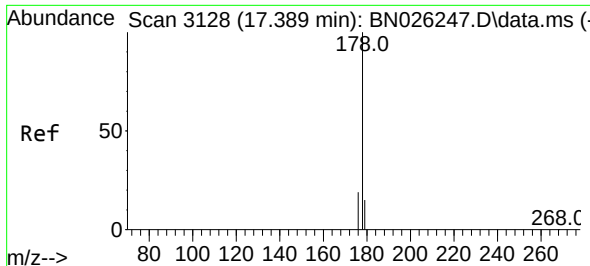
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

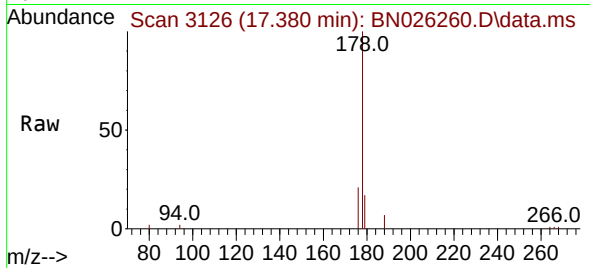
Tgt Ion:152 Resp: 1989
Ion Ratio Lower Upper
152 100
151 28.4 16.2 24.4#
153 23.1 10.9 16.3#





#15
Phenanthrene
Concen: 0.148 ng/ul
RT: 17.380 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

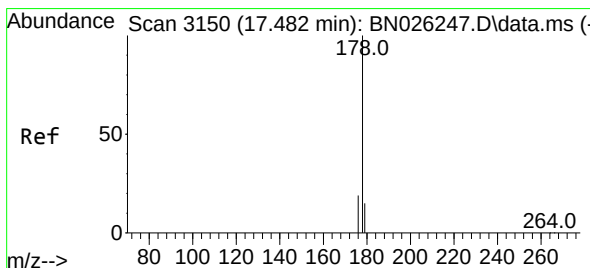
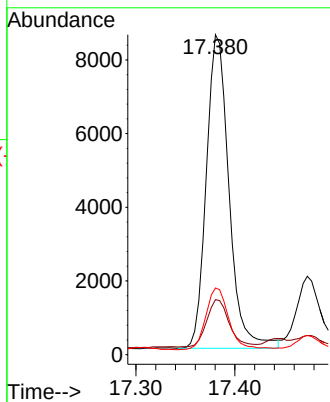
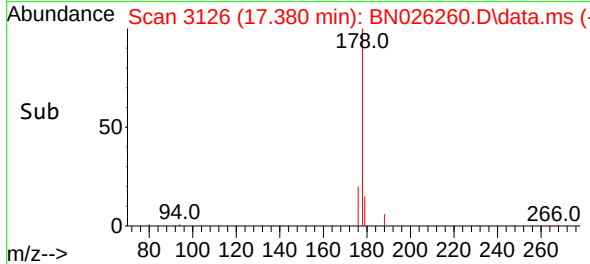
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



Tgt Ion:178 Resp: 13569
Ion Ratio Lower Upper
178 100
179 17.2 12.6 19.0
176 20.9 15.8 23.6

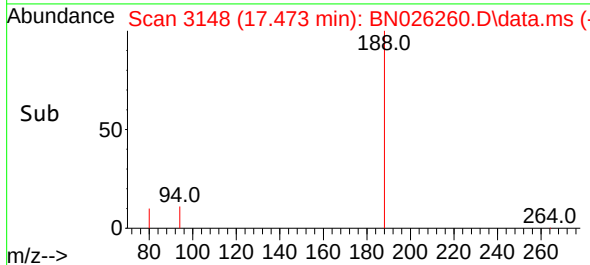
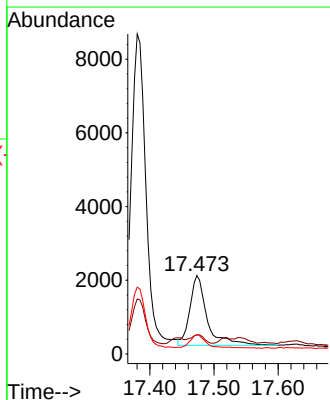
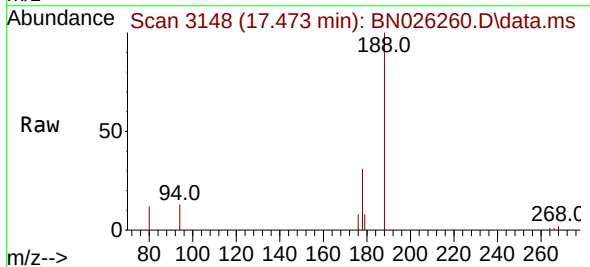
Manual Integrations
APPROVED

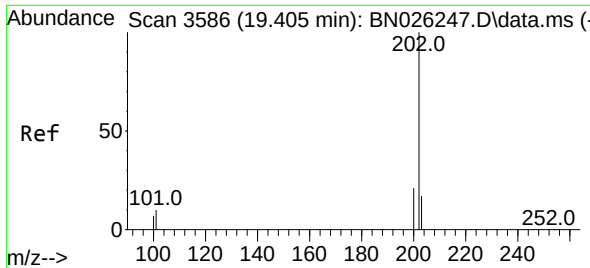
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

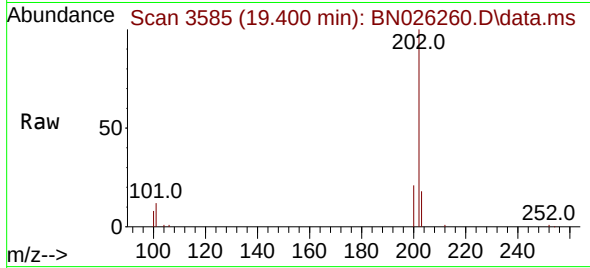
Tgt Ion:178 Resp: 3532
Ion Ratio Lower Upper
178 100
179 24.4 12.6 18.8#
176 24.4 15.1 22.7#





#19
Fluoranthene
Concen: 0.475 ng/u1
RT: 19.400 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

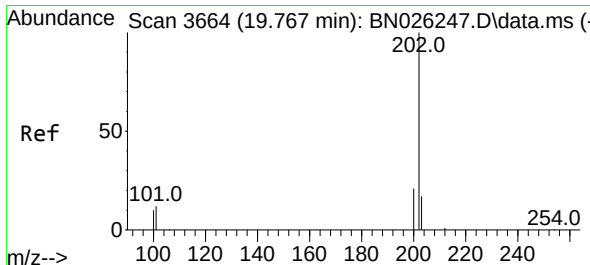
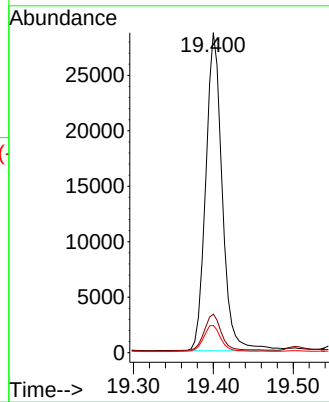
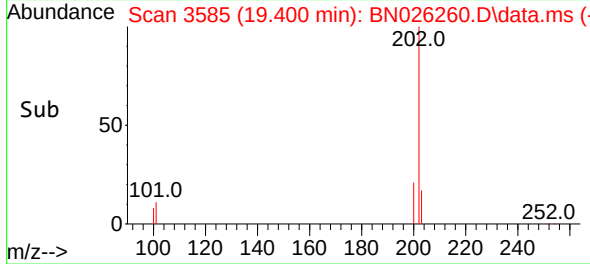
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



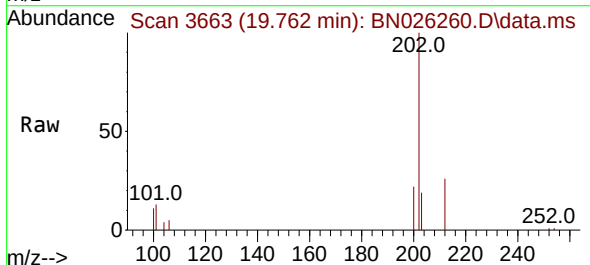
Tgt Ion:202 Resp: 41135
Ion Ratio Lower Upper
202 100
101 12.1 9.5 14.3
100 8.5 7.3 10.9

Manual Integrations
APPROVED

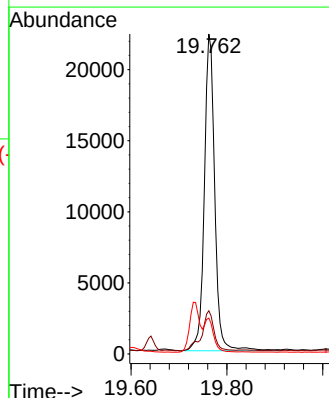
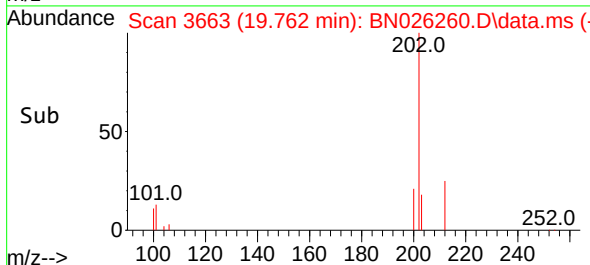
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

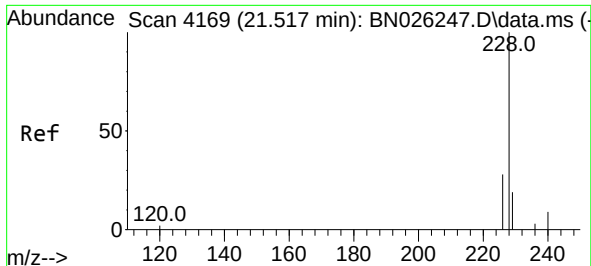


#20
Pyrene
Concen: 0.373 ng/u1
RT: 19.762 min Scan# 3663
Delta R.T. -0.010 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09



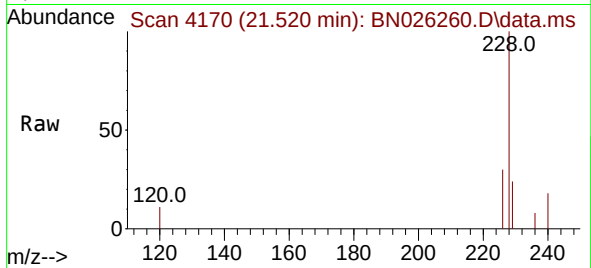
Tgt Ion:202 Resp: 33563
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.269 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.004 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

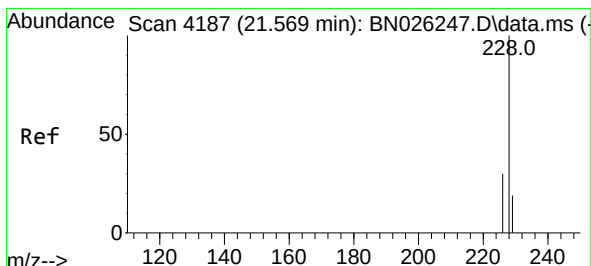
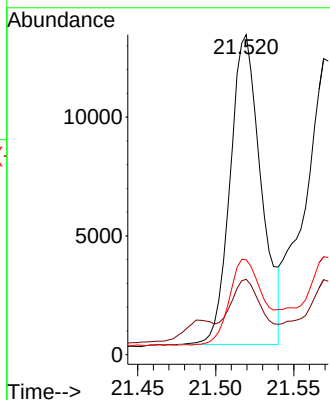
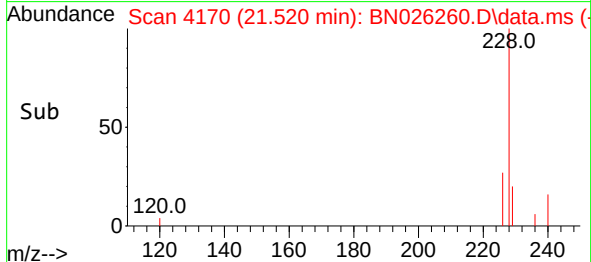
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



Tgt Ion:228 Resp: 17978
Ion Ratio Lower Upper
228 100
229 23.5 15.8 23.6
226 29.7 22.5 33.7

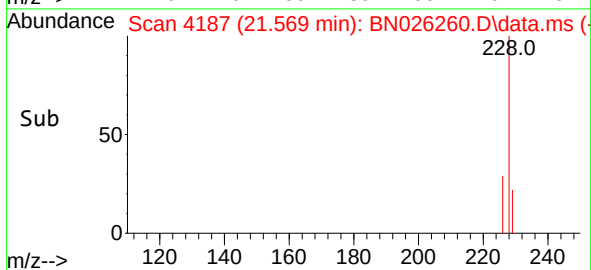
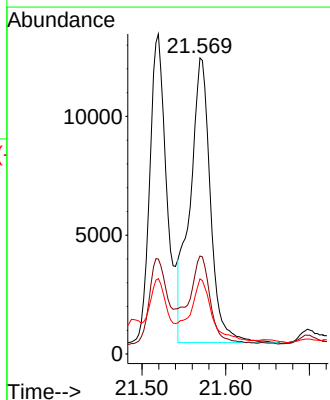
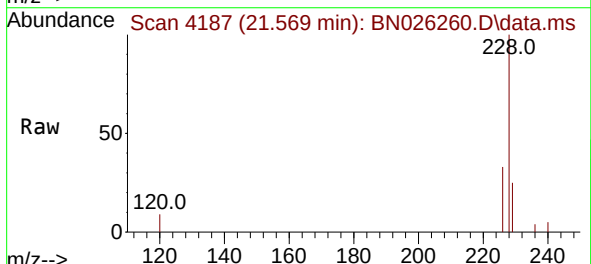
Manual Integrations
APPROVED

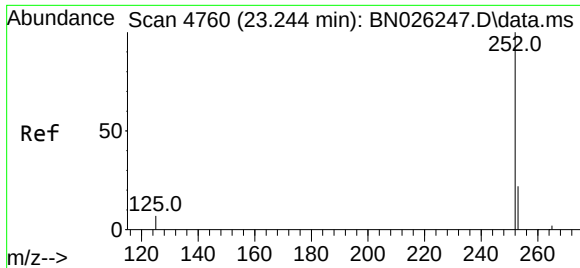
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.293 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

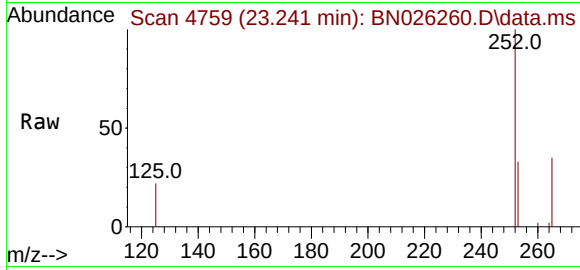
Tgt Ion:228 Resp: 20389
Ion Ratio Lower Upper
228 100
226 33.1 24.8 37.2
229 25.4 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.422 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.012 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

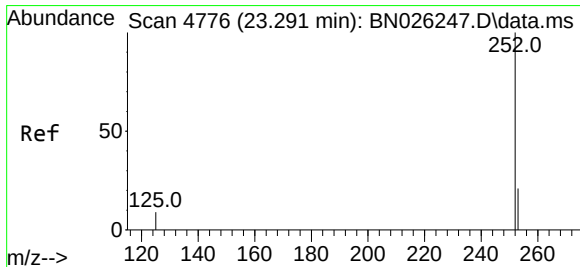
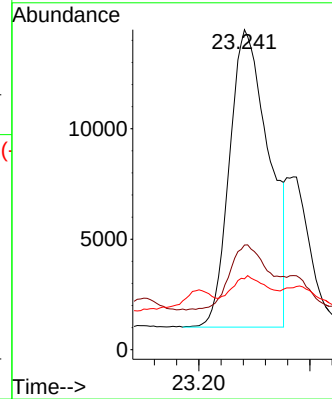
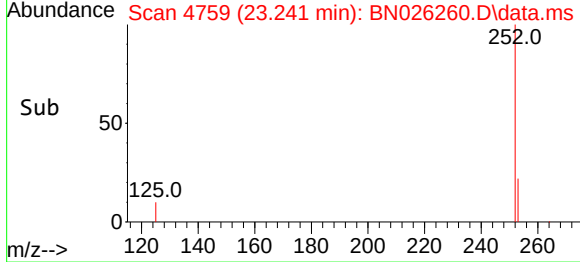
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



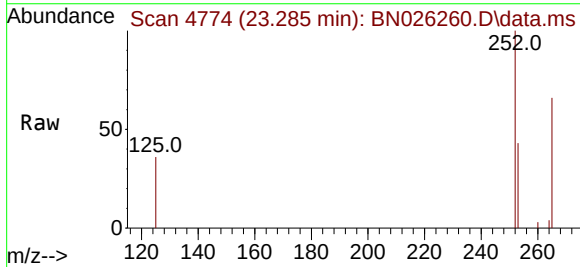
Tgt Ion:252 Resp: 3315
Ion Ratio Lower Upper
252 100
253 32.7 0.0 55.6
125 22.1 0.0 35.8

Manual Integrations
APPROVED

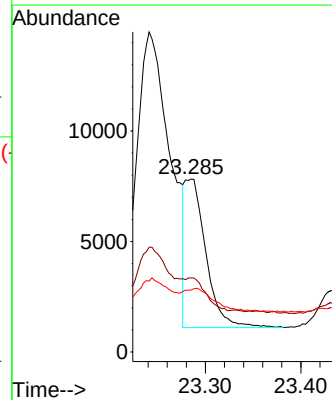
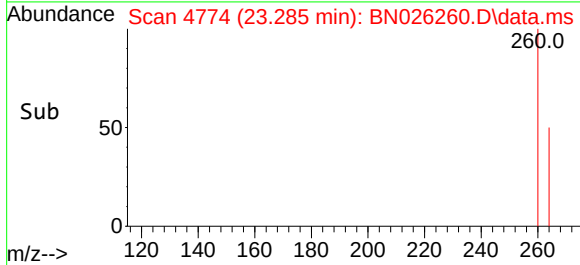
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

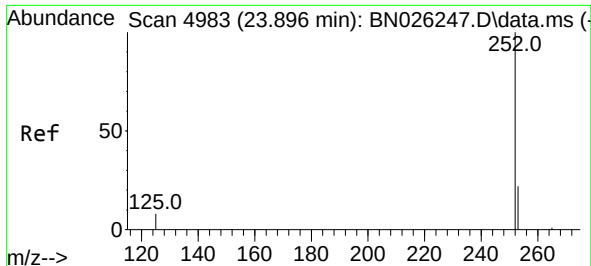


#25
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.018 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09



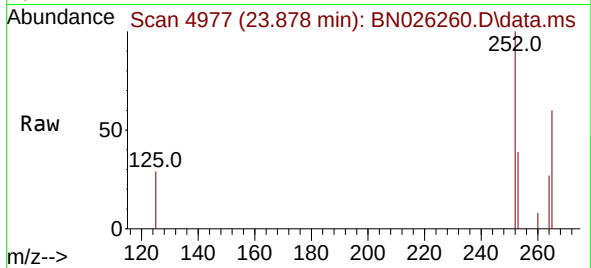
Tgt Ion:252 Resp: 10292
Ion Ratio Lower Upper
252 100
253 42.8 23.2 34.8#
125 35.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 23.878 min Scan# 4983
Delta R.T. -0.015 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

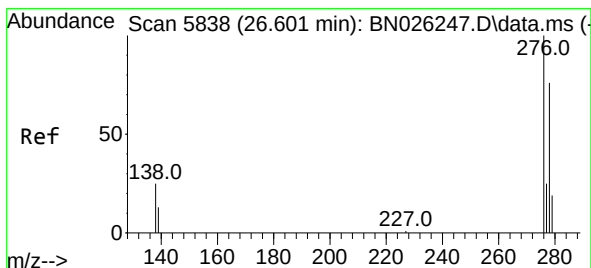
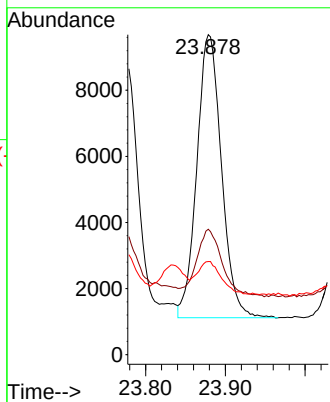
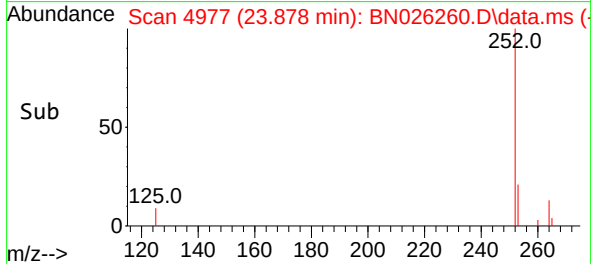
Instrument :
BNA_N
ClientSampleId :
DCGL1DL



Tgt Ion:252 Resp: 18370
Ion Ratio Lower Upper
252 100
253 39.2 26.0 39.0#
125 29.1 17.3 25.9#

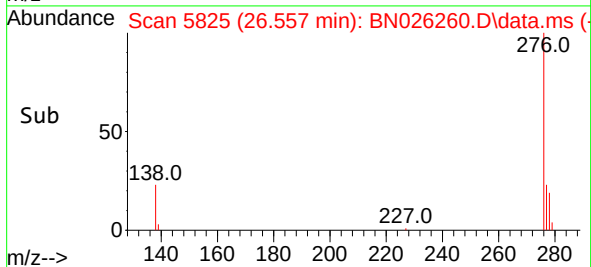
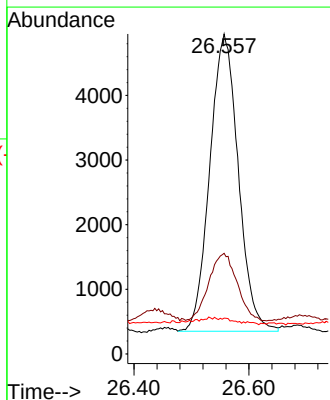
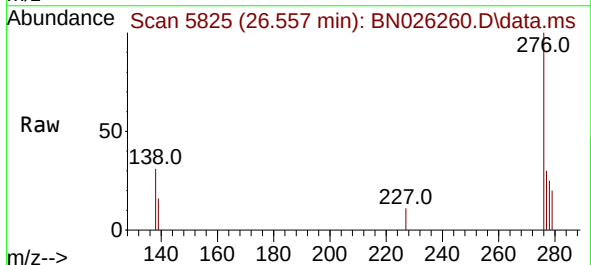
Manual Integrations
APPROVED

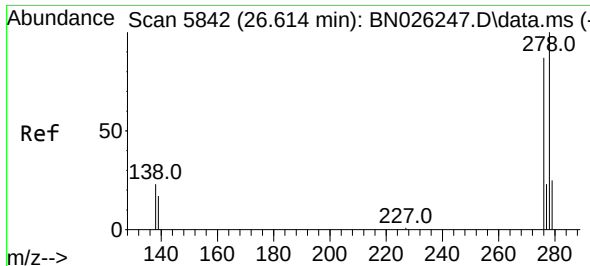
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.031 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

Tgt Ion:276 Resp: 15777
Ion Ratio Lower Upper
276 100
138 22.6 24.5 36.7#
227 0.0 0.0 0.0





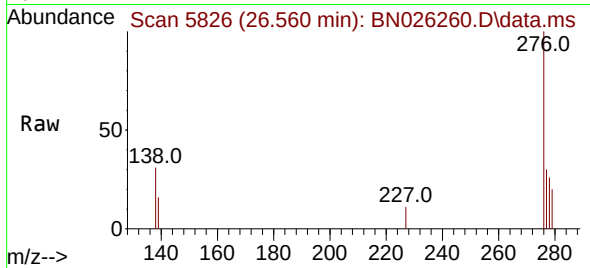
#28
Dibenzo(a,h)anthracene
Concen: 0.070 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.048 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09

Instrument :

BNA_N

ClientSampleId :

DCGL1DL



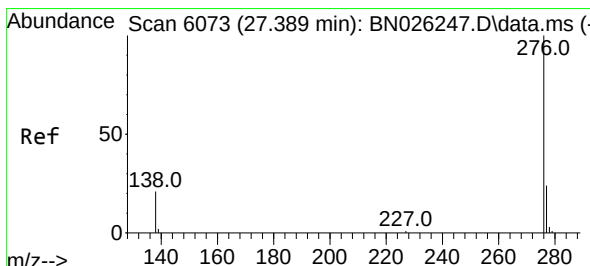
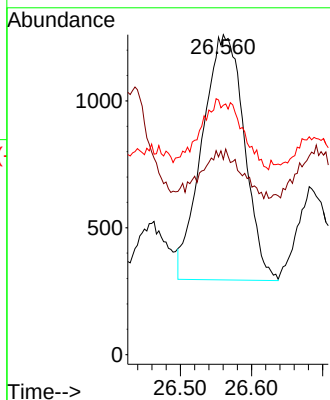
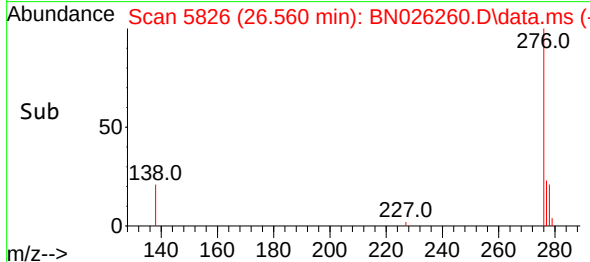
Tgt Ion:278 Resp: 3969
Ion Ratio Lower Upper
278 100
139 61.1 19.0 28.4
279 78.0 26.7 40.1

Manual Integrations

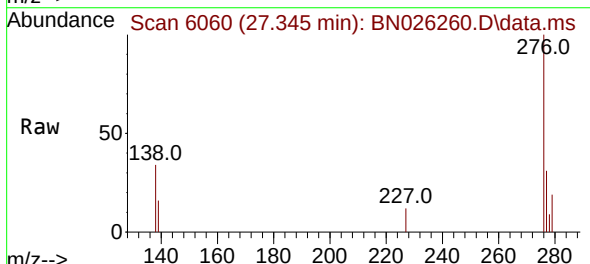
APPROVED

Reviewed By :Yogesh Patel 07/05/2023

Supervised By :mohammad ahmed 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 27.345 min Scan# 6060
Delta R.T. -0.041 min
Lab File: BN026260.D
Acq: 04 Jul 2023 13:09



Tgt Ion:276 Resp: 13802
Ion Ratio Lower Upper
276 100
138 33.7 23.4 35.0
277 30.7 20.0 30.0

