

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026261.D
 Acq On : 04 Jul 2023 13:45
 Operator : MA/JU
 Sample : 03247-06DL 5X
 Misc :
 ALS Vial : 118 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGL2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:30:14 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	7586	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	24420	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	13910	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	27147	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	15420	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	17162	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	5493	0.643	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1633	0.043	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	3047	0.052	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.809	128	1406	0.020	ng/ul#	78
7) 2-Methylnaphthalene	12.425	142	959	0.022	ng/ul	97
10) Acenaphthylene	14.311	152	1932	0.030	ng/ul#	79
15) Phenanthrene	17.381	178	14957	0.167	ng/ul	97
16) Anthracene	17.473	178	3000	0.038	ng/ul#	81
19) Fluoranthene	19.401	202	42384	0.515	ng/ul	99
20) Pyrene	19.763	202	35990	0.420	ng/ul	97
21) Benzo(a)anthracene	21.514	228	16277	0.256	ng/ul#	94
22) Chrysene	21.570	228	20365	0.308	ng/ul#	94
24) Benzo(b)fluoranthene	23.245	252	31246m	0.427	ng/ul	
25) Benzo(k)fluoranthene	23.283	252	10942m	0.149	ng/ul	
26) Benzo(a)pyrene	23.891	252	19119	0.301	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.581	276	16249	0.234	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.588	278	3797	0.072	ng/ul#	31
29) Benzo(g,h,i)perylene	27.383	276	14748	0.239	ng/ul#	92

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

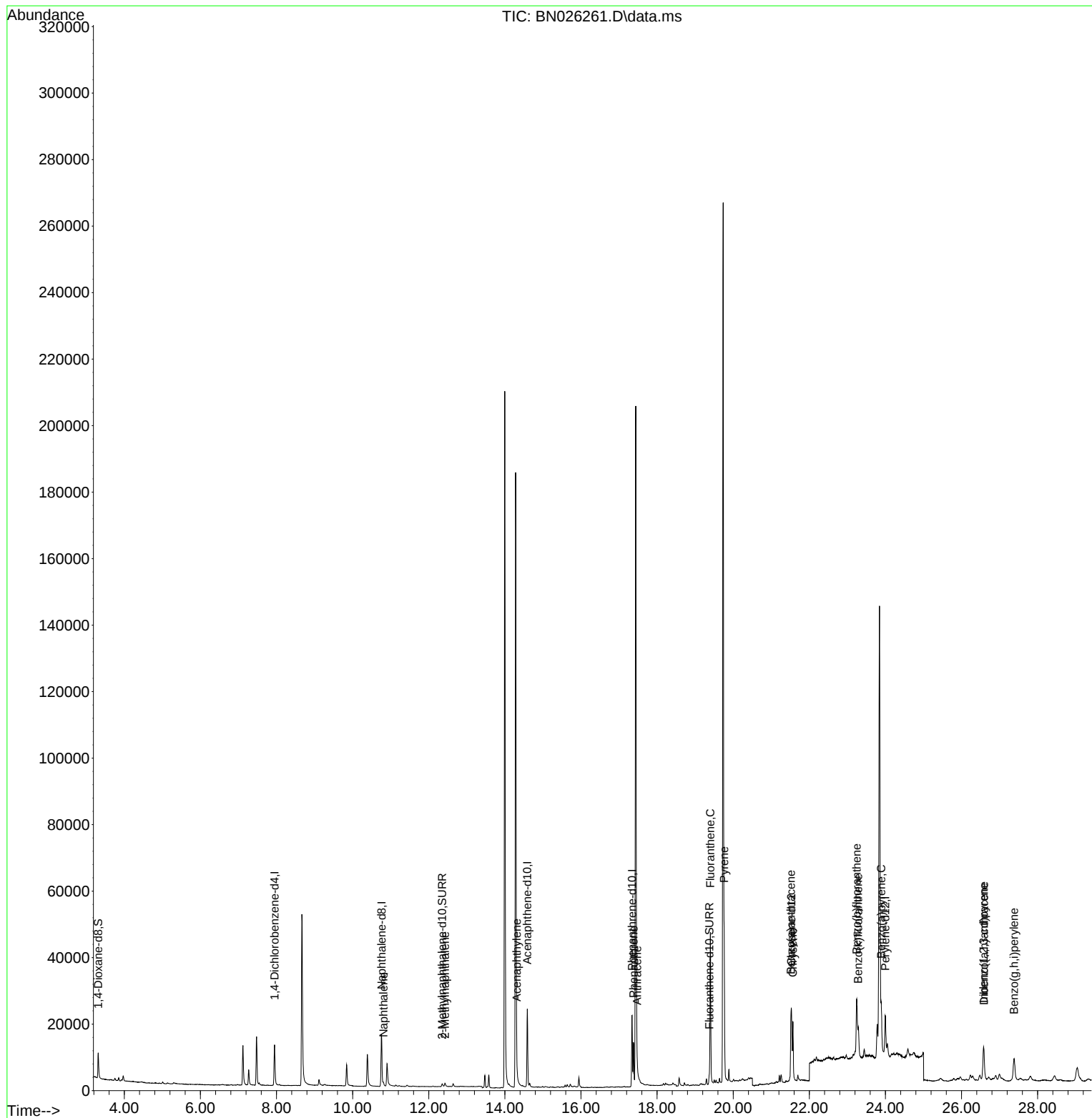
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026261.D
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ALS Vial : 118 Sample Multiplier: 1

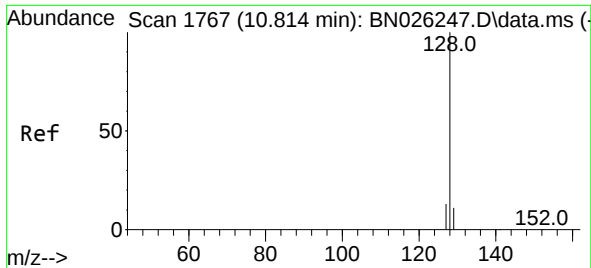
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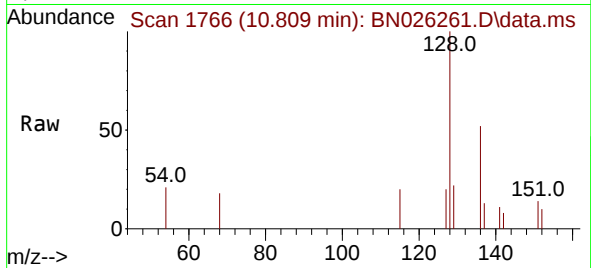
Quant Time: Jul 04 23:30:14 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
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#5
Naphthalene
Concen: 0.020 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

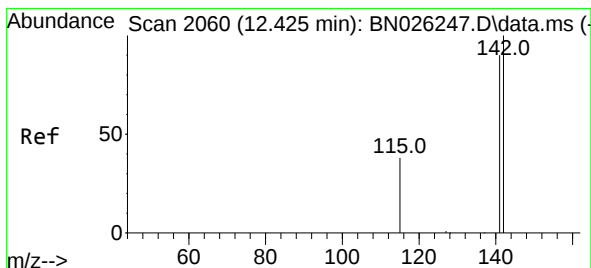
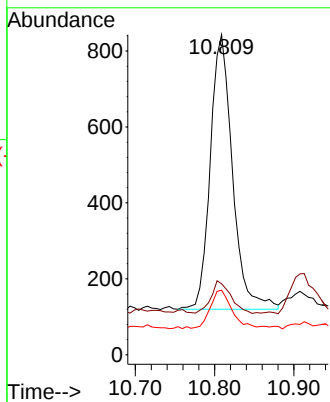
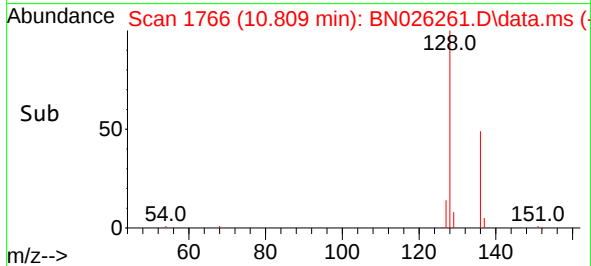
Instrument :
BNA_N
ClientSampleId :
DCGL2DL



Tgt Ion:128 Resp: 1400
Ion Ratio Lower Upper
128 100
129 22.2 9.1 13.7
127 20.2 10.7 16.1

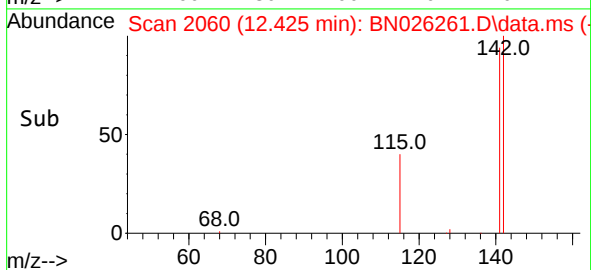
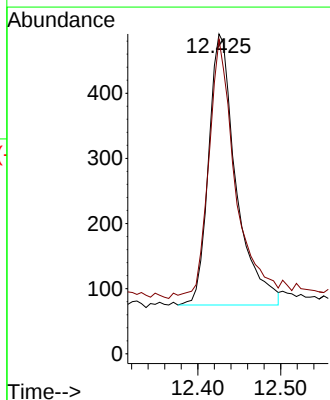
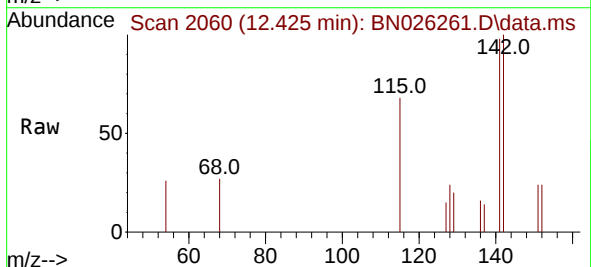
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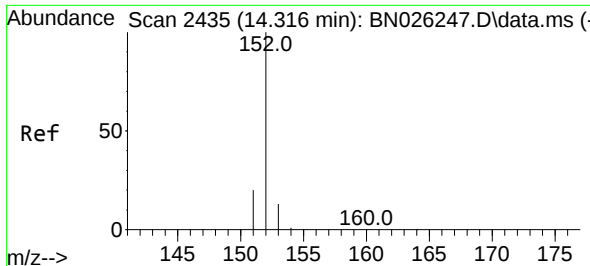
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

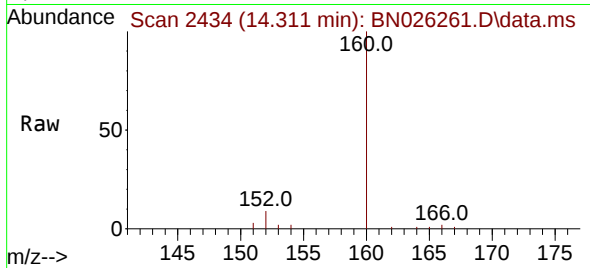
Tgt Ion:142 Resp: 959
Ion Ratio Lower Upper
142 100
141 93.0 71.9 107.9





#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.311 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

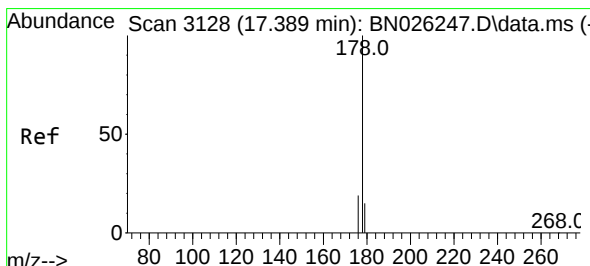
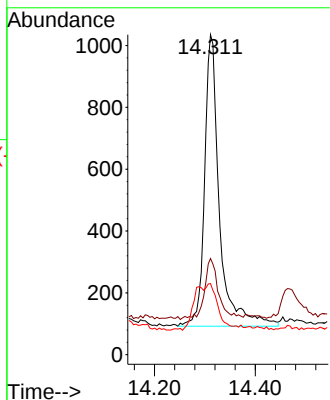
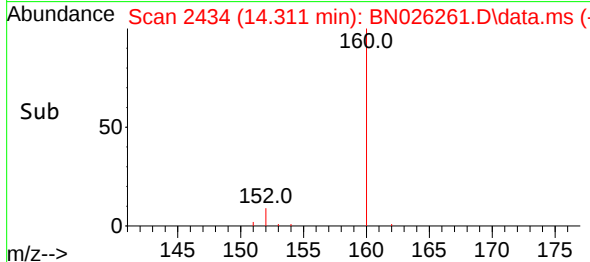
Instrument :
BNA_N
ClientSampleId :
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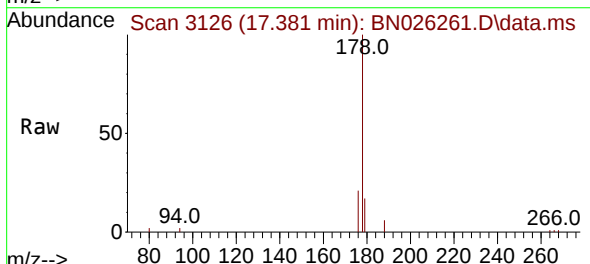
Tgt Ion:152 Resp: 193
Ion Ratio Lower Upper
152 100
151 30.0 16.2 24.4
153 22.2 10.9 16.3

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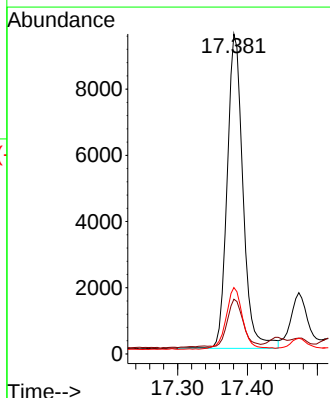
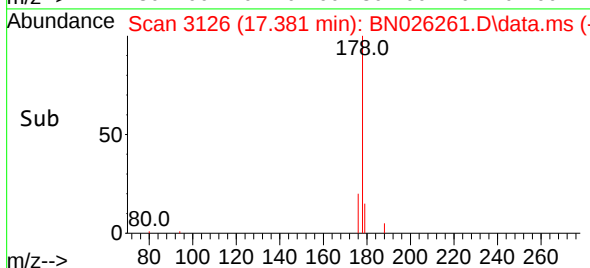
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

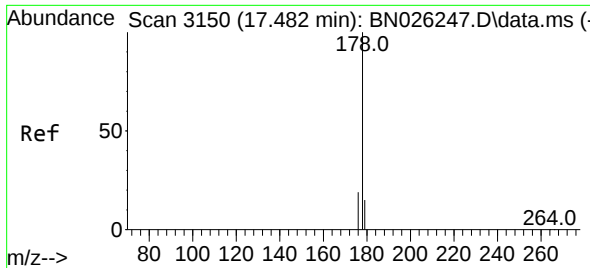


#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.381 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45



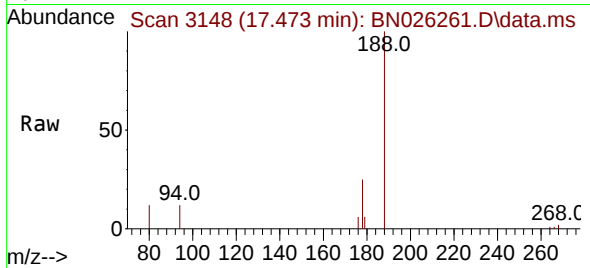
Tgt Ion:178 Resp: 14957
Ion Ratio Lower Upper
178 100
179 17.1 12.6 19.0
176 20.7 15.8 23.6





#16
 Anthracene
 Concen: 0.038 ng/ul
 RT: 17.473 min Scan# 3150
 Delta R.T. -0.008 min
 Lab File: BN026261.D
 Acq: 04 Jul 2023 13:45

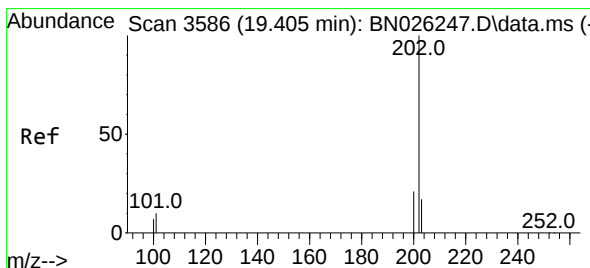
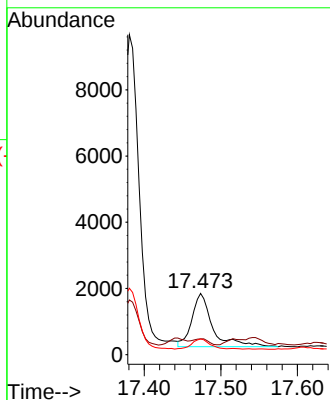
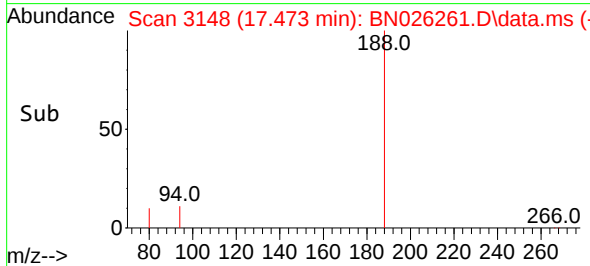
Instrument :
 BNA_N
 ClientSampleId :
 DCGL2DL



Tgt Ion:178 Resp: 3000
 Ion Ratio Lower Upper
 178 100
 179 26.0 12.6 18.8
 176 25.5 15.1 22.7

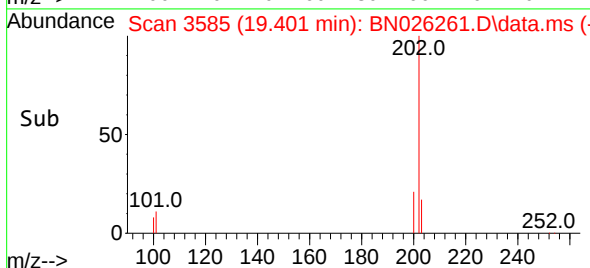
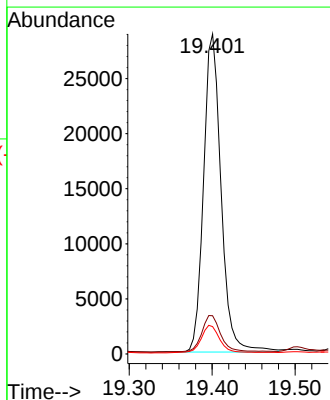
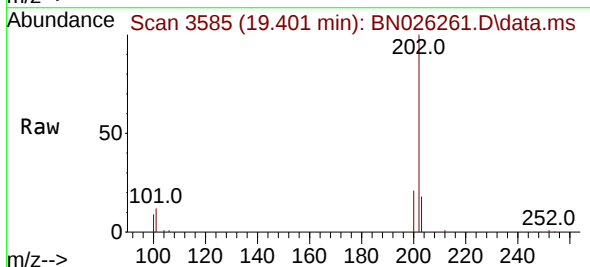
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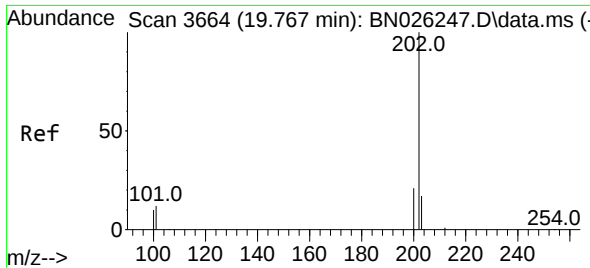
Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023



#19
 Fluoranthene
 Concen: 0.515 ng/ul
 RT: 19.401 min Scan# 3585
 Delta R.T. -0.005 min
 Lab File: BN026261.D
 Acq: 04 Jul 2023 13:45

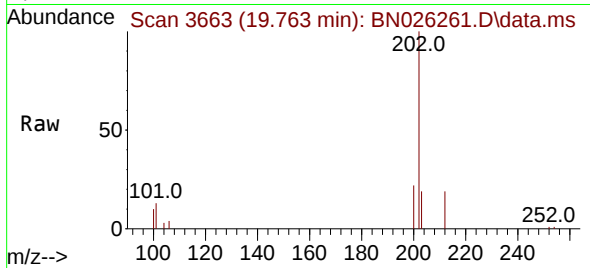
Tgt Ion:202 Resp: 42384
 Ion Ratio Lower Upper
 202 100
 101 11.9 9.5 14.3
 100 8.6 7.3 10.9





#20
Pyrene
Concen: 0.420 ng/ul
RT: 19.763 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

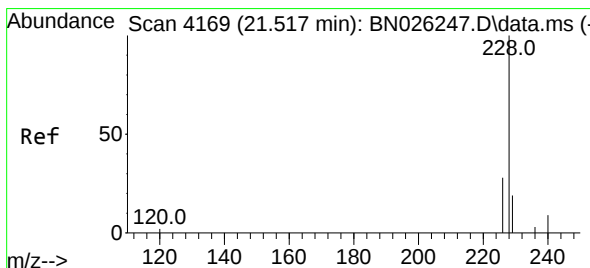
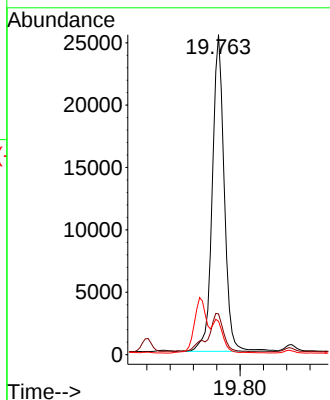
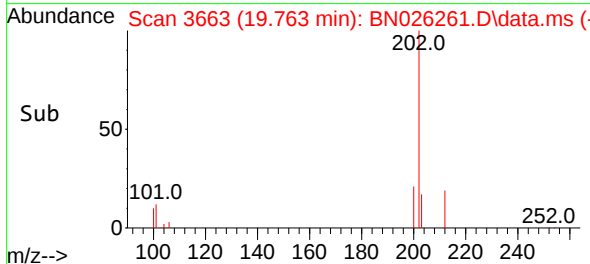
Instrument :
BNA_N
ClientSampleId :
DCGL2DL



Tgt Ion:202 Resp: 35990
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7

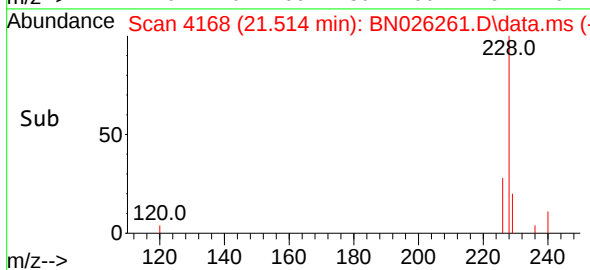
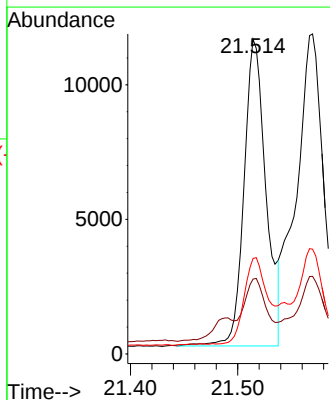
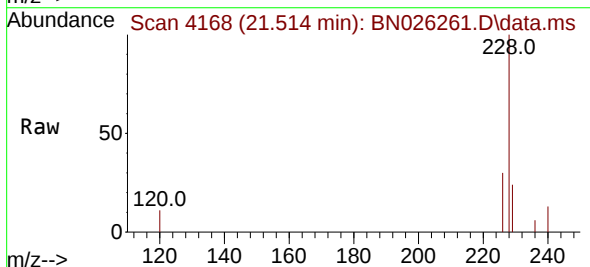
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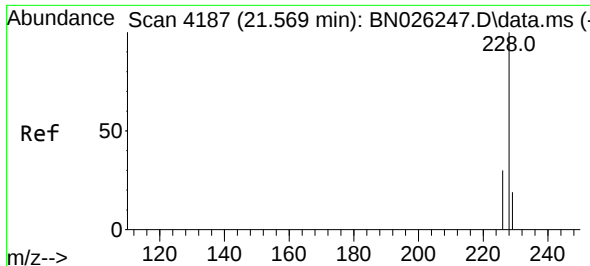
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#21
Benzo(a)anthracene
Concen: 0.256 ng/ul
RT: 21.514 min Scan# 4168
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

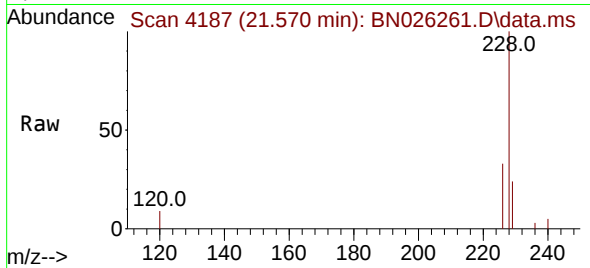
Tgt Ion:228 Resp: 16277
Ion Ratio Lower Upper
228 100
229 23.8 15.8 23.6#
226 30.4 22.5 33.7





#22
Chrysene
Concen: 0.308 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

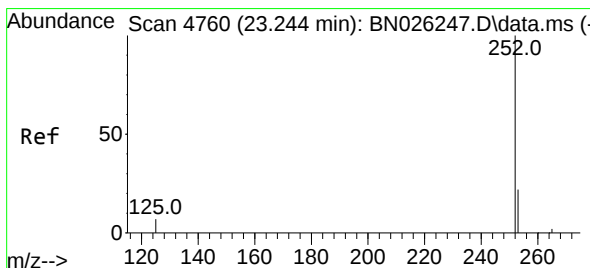
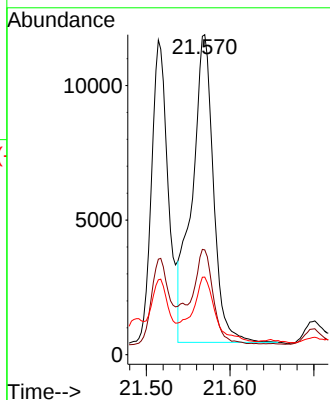
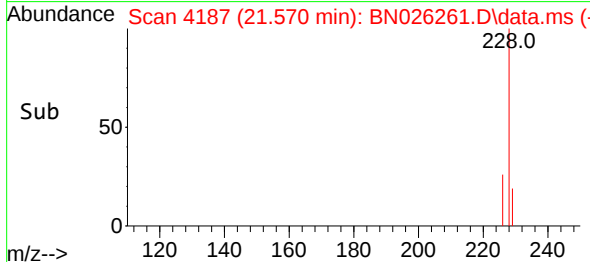
Instrument :
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ClientSampleId :
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Tgt Ion:228 Resp: 2036
Ion Ratio Lower Upper
228 100
226 32.8 24.8 37.2
229 24.3 15.7 23.5

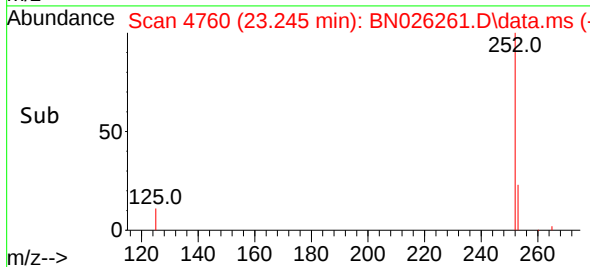
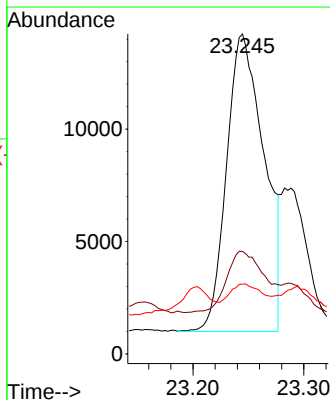
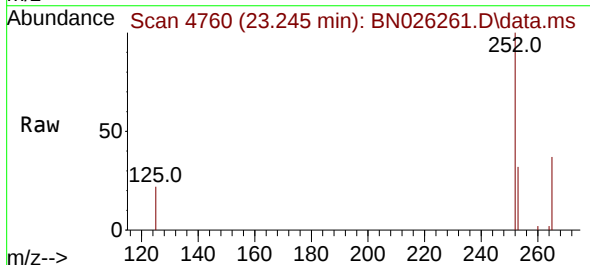
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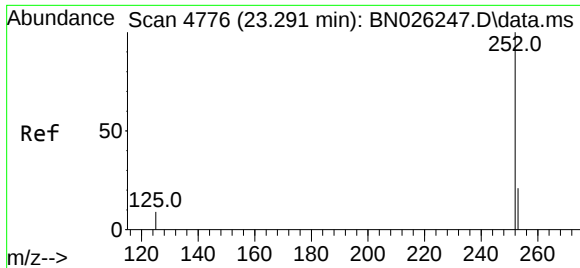
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul m
RT: 23.245 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

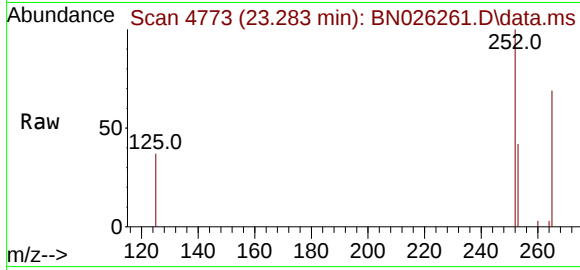
Tgt Ion:252 Resp: 31246
Ion Ratio Lower Upper
252 100
253 32.1 0.0 55.6
125 21.8 0.0 35.8





#25
Benzo(k)fluoranthene
Concen: 0.149 ng/ul m
RT: 23.283 min Scan# 4773
Delta R.T. -0.020 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

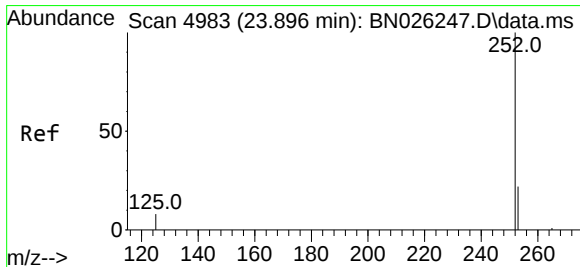
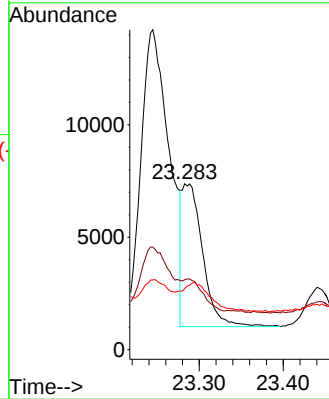
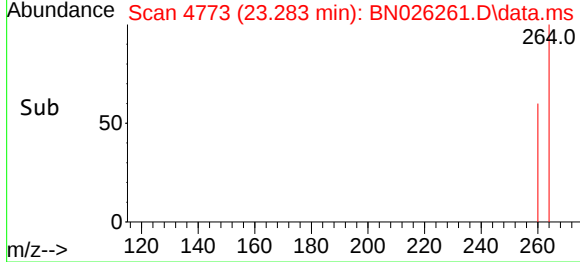
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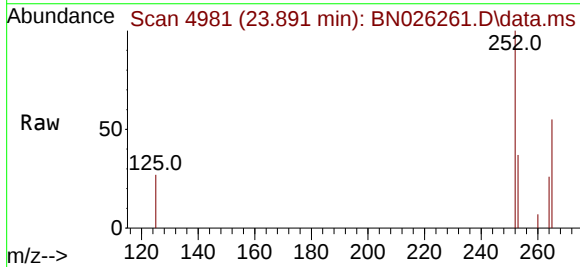
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Ion Ratio Lower Upper
252 100
253 42.1 23.2 34.8
125 36.9 15.0 22.4

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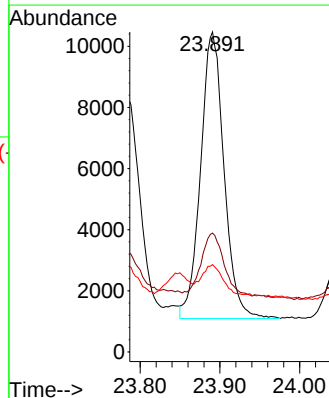
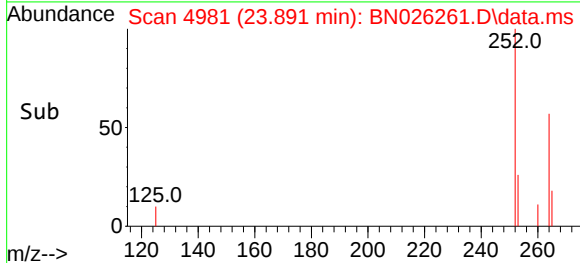
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

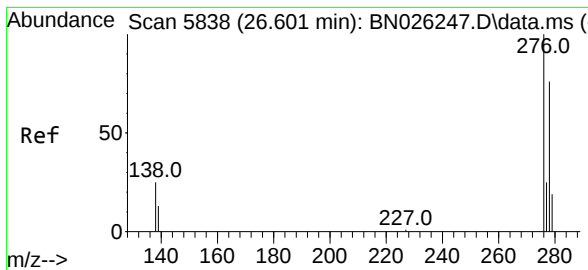


#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.891 min Scan# 4981
Delta R.T. -0.003 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45



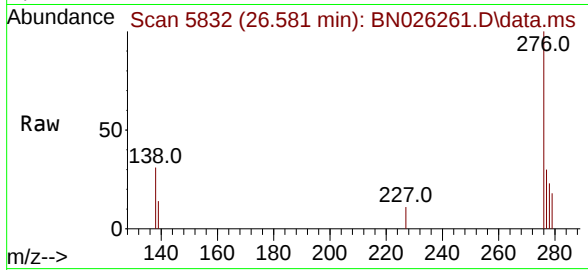
Tgt Ion:252 Resp: 19119
Ion Ratio Lower Upper
252 100
253 37.1 26.0 39.0
125 27.3 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.234 ng/ul
RT: 26.581 min Scan# 5832
Delta R.T. -0.007 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45

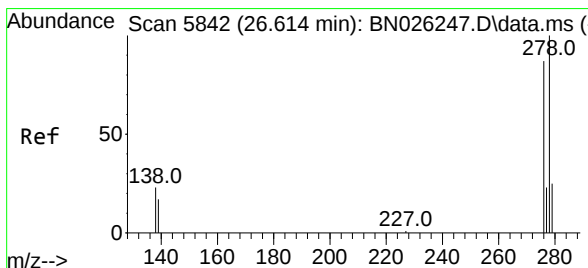
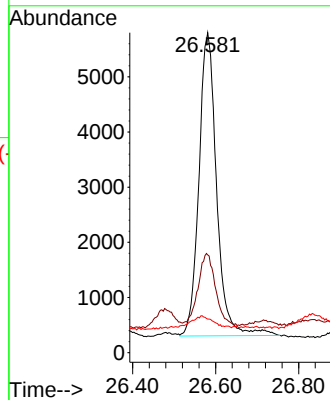
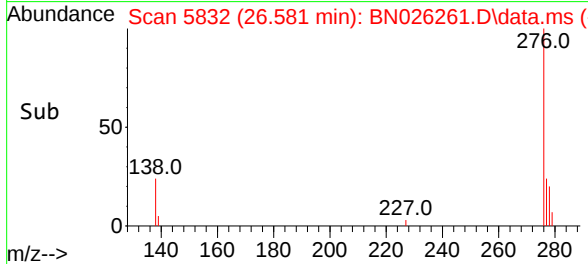
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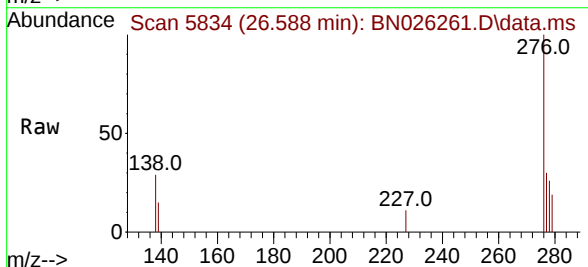
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Ion Ratio Lower Upper
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138 24.0 24.5 36.7#
227 5.2 0.0 0.0#

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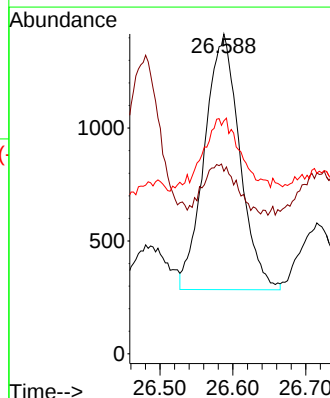
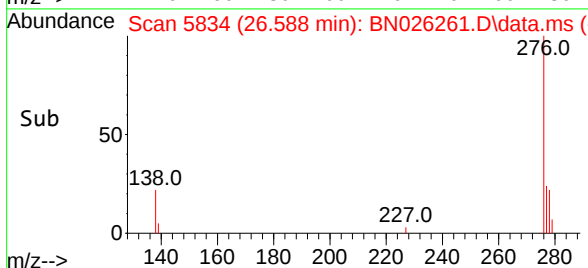
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

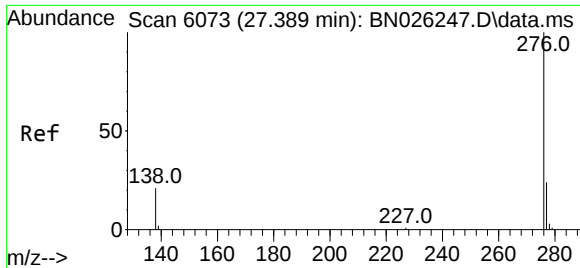


#28
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.020 min
Lab File: BN026261.D
Acq: 04 Jul 2023 13:45



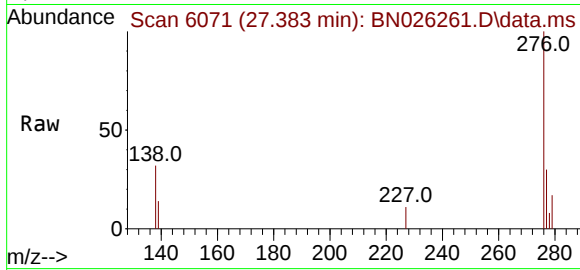
Tgt Ion:278 Resp: 3797
Ion Ratio Lower Upper
278 100
139 57.1 19.0 28.4#
279 72.8 26.7 40.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.239 ng/ul
 RT: 27.383 min Scan# 6071
 Delta R.T. -0.003 min
 Lab File: BN026261.D
 Acq: 04 Jul 2023 13:45

Instrument :
 BNA_N
 ClientSampleId :
 DCGL2DL



Tgt Ion:276 Resp: 14748
 Ion Ratio Lower Upper
 276 100
 138 32.4 23.4 35.0
 277 30.4 20.0 30.0

Manual Integrations
 APPROVED

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