

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026253.D
 Acq On : 04 Jul 2023 08:52
 Operator : MA/JU
 Sample : 03245-14DL 5X
 Misc :
 ALS Vial : 110 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH2DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 04 23:28:23 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	8679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	27650	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.593	164	15956	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31002	0.400	ng/ul	0.00
17) Chrysene-d12	21.538	240	17919	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	20031	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	4897	0.501	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	1374	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.373	212	2432	0.036	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.809	128	1733	0.022	ng/ul#	83
10) Acenaphthylene	14.316	152	2655	0.036	ng/ul#	86
15) Phenanthrene	17.385	178	10894	0.106	ng/ul	96
16) Anthracene	17.473	178	3699	0.041	ng/ul#	85
19) Fluoranthene	19.400	202	32814	0.343	ng/ul	97
20) Pyrene	19.763	202	27438	0.276	ng/ul	99
21) Benzo(a)anthracene	21.520	228	14614	0.198	ng/ul#	91
22) Chrysene	21.573	228	17531	0.228	ng/ul#	90
24) Benzo(b)fluoranthene	23.253	252	27153m	0.318	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	9730m	0.113	ng/ul	
26) Benzo(a)pyrene	23.899	252	16046	0.216	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.588	276	14163	0.175	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.591	278	3116	0.051	ng/ul#	2
29) Benzo(g,h,i)perylene	27.396	276	12890	0.179	ng/ul#	86

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

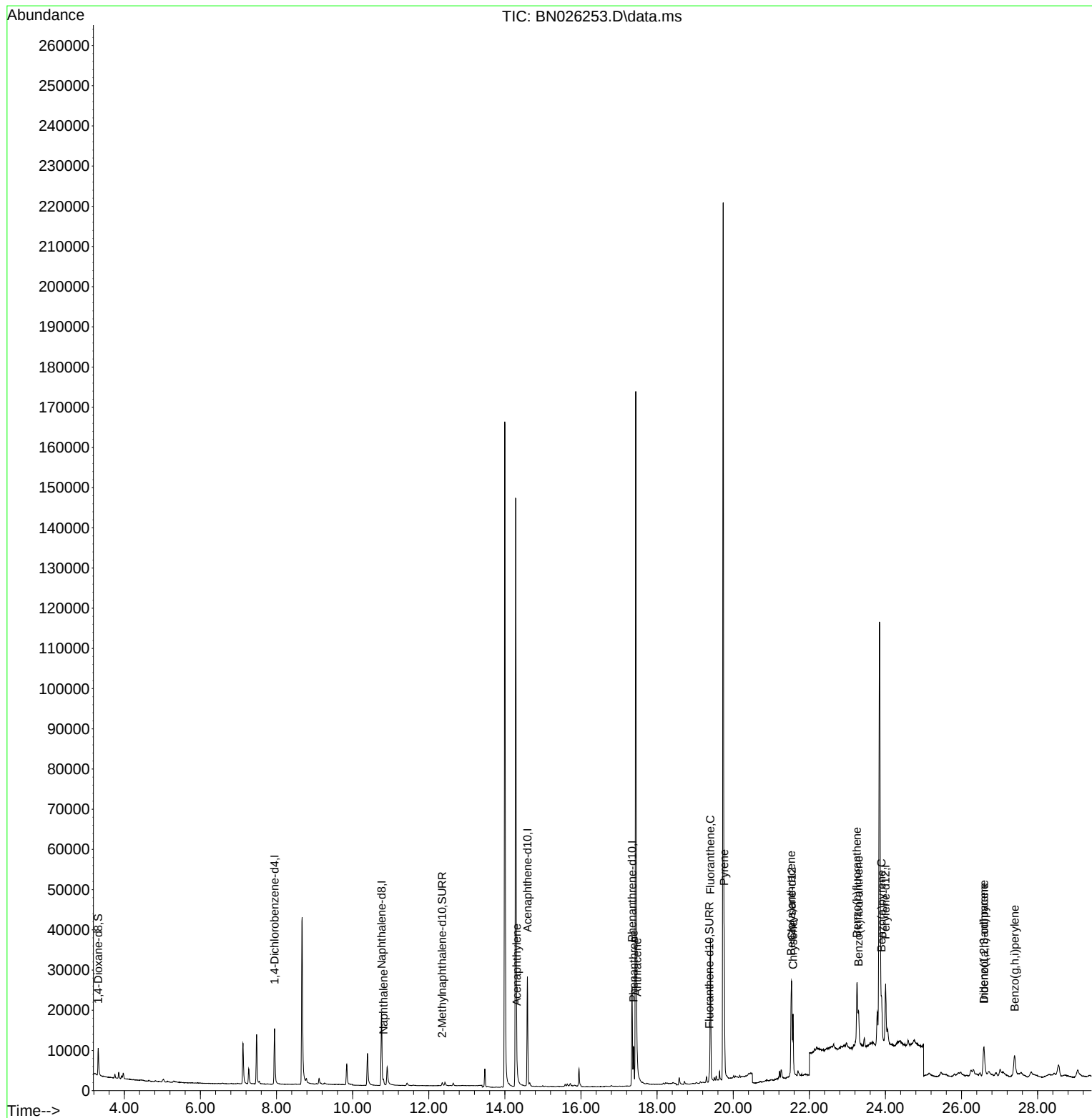
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026253.D
Acq On : 04 Jul 2023 08:52
Operator : MA/JU
Sample : 03245-14DL 5X
Misc :
ALS Vial : 110 Sample Multiplier: 1

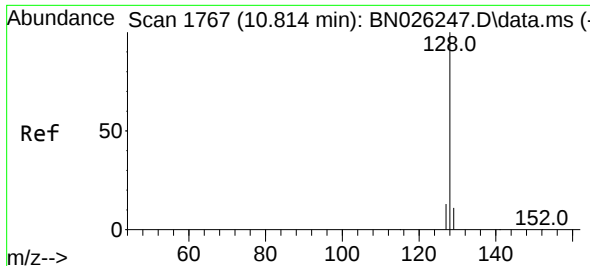
Instrument :
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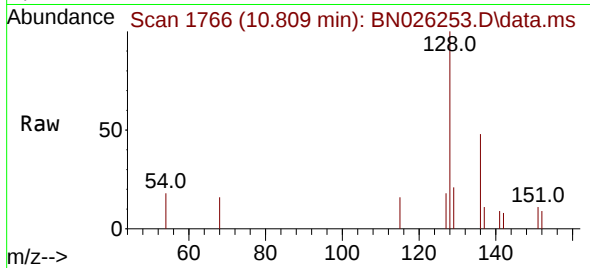
Quant Time: Jul 04 23:28:23 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 04 00:40:07 2023
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#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.809 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

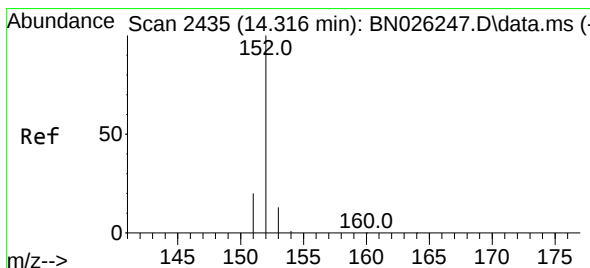
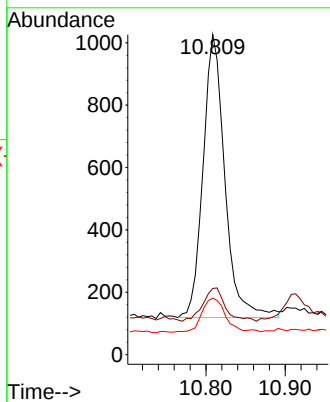
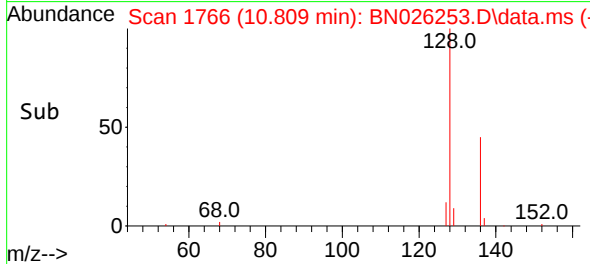
Instrument :
BNA_N
ClientSampleId :
DCGH2DL



Tgt Ion:128 Resp: 1738
Ion Ratio Lower Upper
128 100
129 20.7 9.1 13.7#
127 17.6 10.7 16.1#

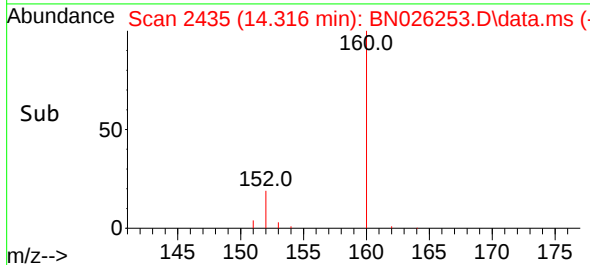
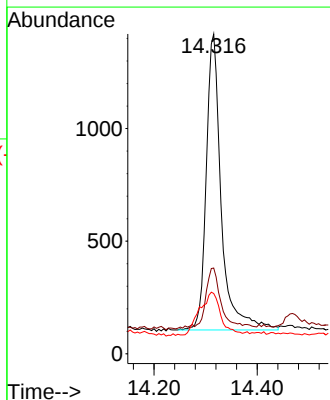
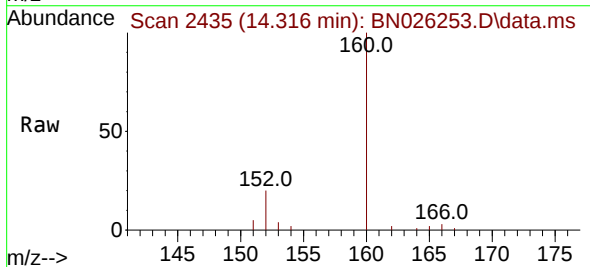
Manual Integrations
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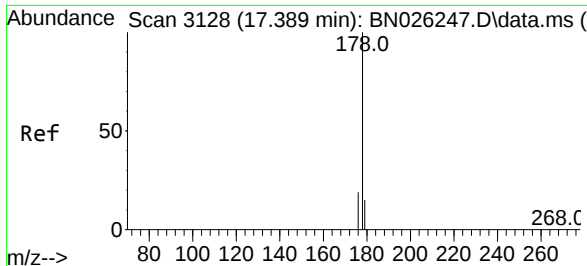
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.036 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.005 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

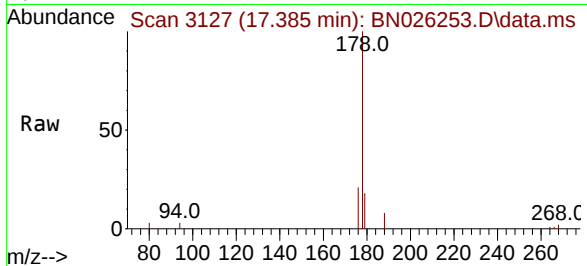
Tgt Ion:152 Resp: 2655
Ion Ratio Lower Upper
152 100
151 26.8 16.2 24.4#
153 18.9 10.9 16.3#





#15
Phenanthrene
Concen: 0.106 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

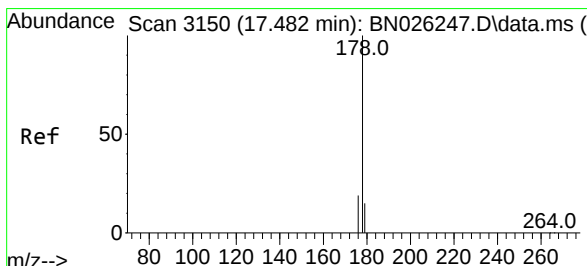
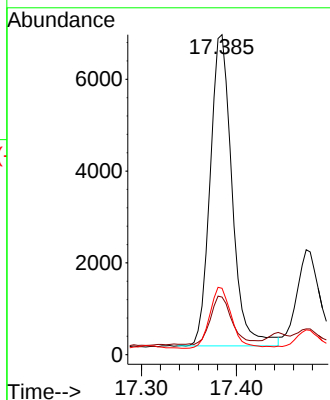
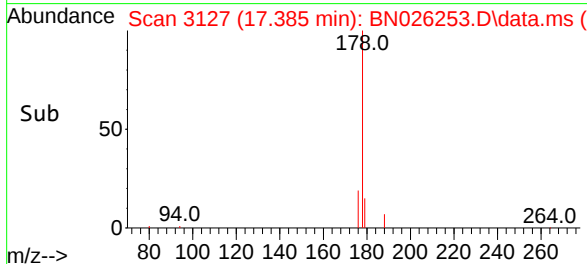
Instrument :
BNA_N
ClientSampleId :
DCGH2DL



Tgt Ion:178 Resp: 10894
Ion Ratio Lower Upper
178 100
179 18.0 12.6 19.0
176 20.8 15.8 23.6

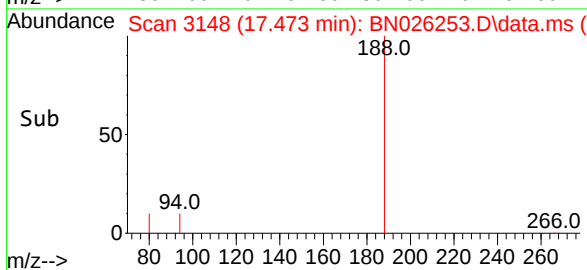
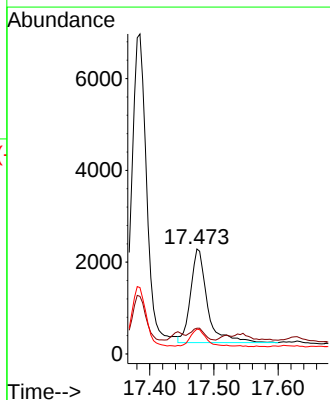
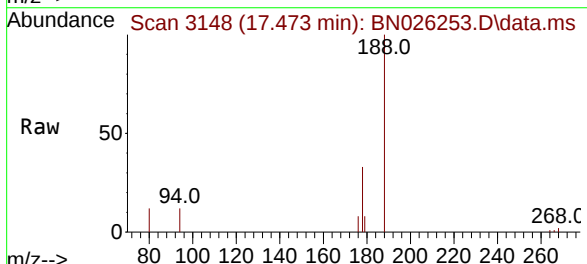
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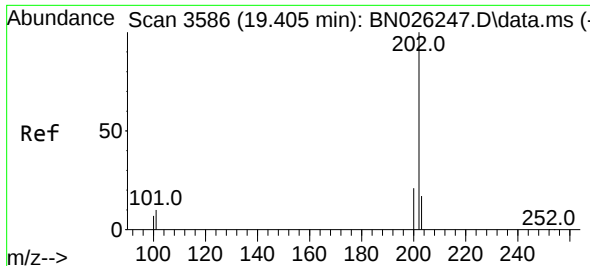
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.041 ng/ul
RT: 17.473 min Scan# 3148
Delta R.T. -0.009 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

Tgt Ion:178 Resp: 3699
Ion Ratio Lower Upper
178 100
179 24.5 12.6 18.8#
176 23.7 15.1 22.7#





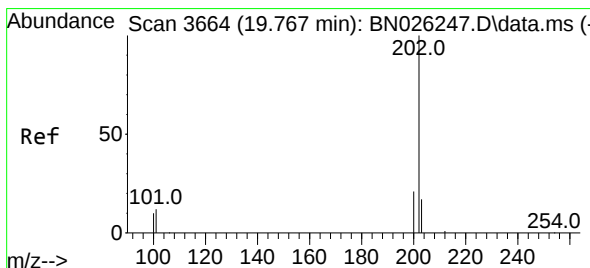
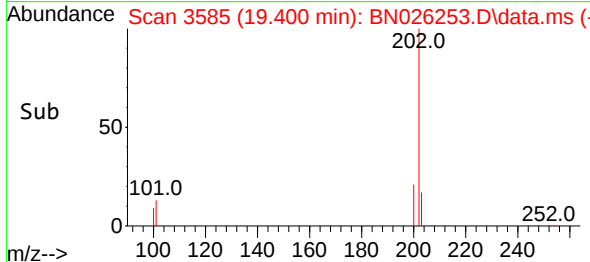
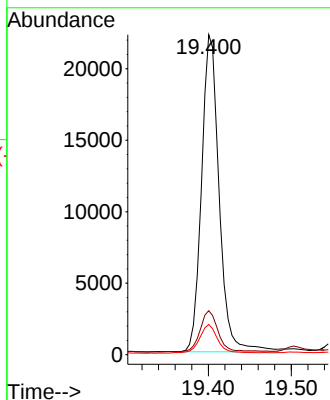
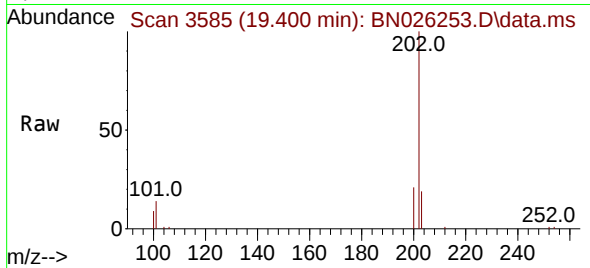
#19
Fluoranthene
Concen: 0.343 ng/u1
RT: 19.400 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

Instrument :
BNA_N
ClientSampleId :
DCGH2DL

Tgt Ion:202 Resp: 32814
Ion Ratio Lower Upper
202 100
101 13.7 9.5 14.3
100 9.5 7.3 10.9

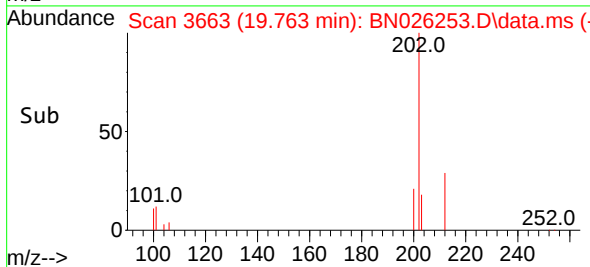
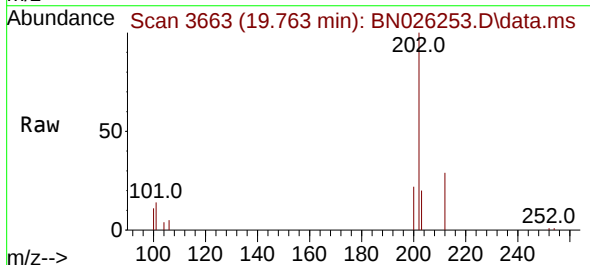
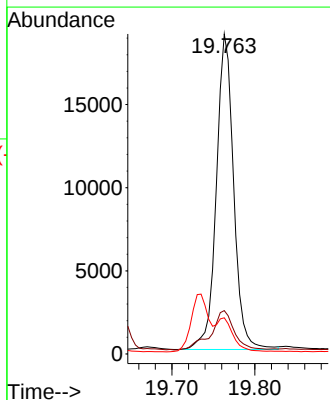
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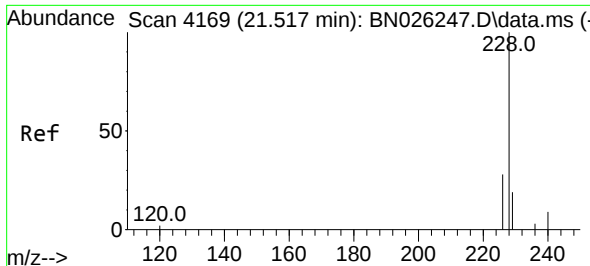
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 0.276 ng/u1
RT: 19.763 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

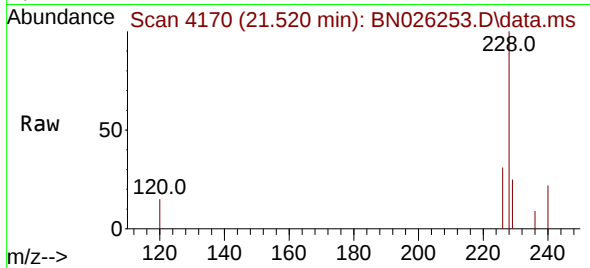
Tgt Ion:202 Resp: 27438
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.198 ng/u1
RT: 21.520 min Scan# 4169
Delta R.T. -0.003 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

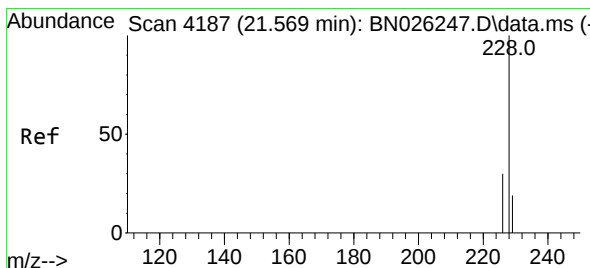
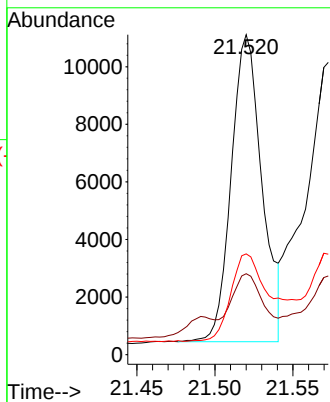
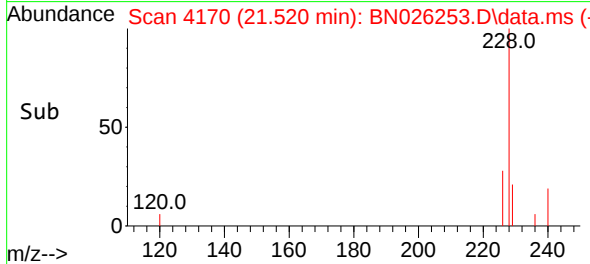
Instrument :
BNA_N
ClientSampleId :
DCGH2DL



Tgt Ion:228 Resp: 14614
Ion Ratio Lower Upper
228 100
229 25.3 15.8 23.6
226 31.5 22.5 33.7

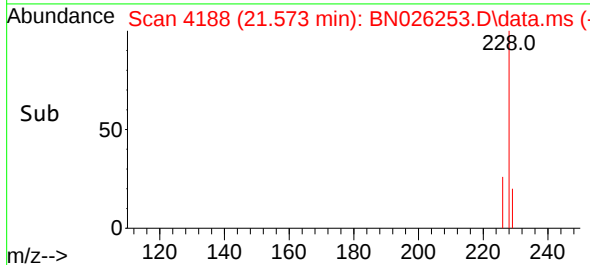
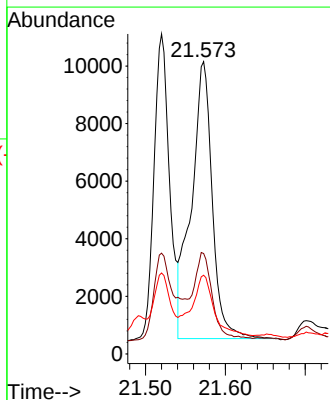
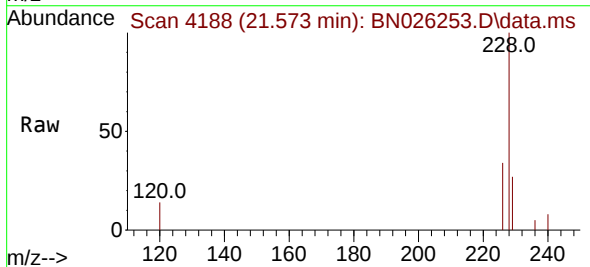
Manual Integrations
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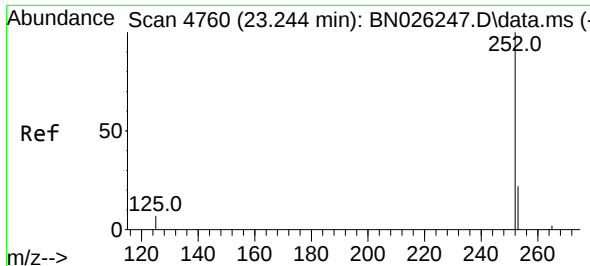
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 0.228 ng/u1
RT: 21.573 min Scan# 4188
Delta R.T. -0.006 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

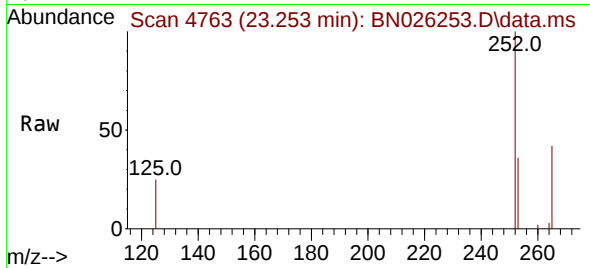
Tgt Ion:228 Resp: 17531
Ion Ratio Lower Upper
228 100
226 34.4 24.8 37.2
229 27.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.318 ng/ul m
RT: 23.253 min Scan# 4763
Delta R.T. -0.000 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

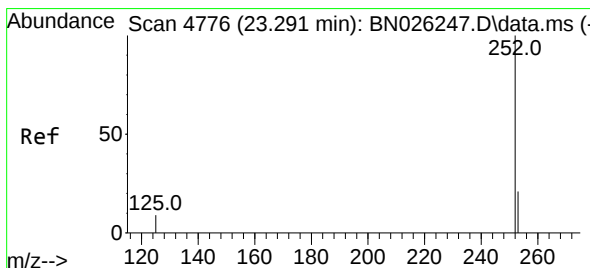
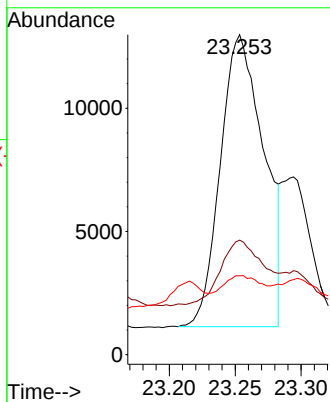
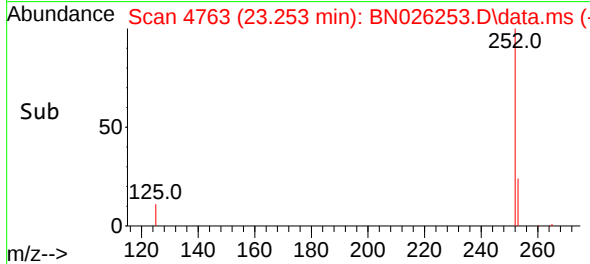
Instrument :
BNA_N
ClientSampleId :
DCGH2DL



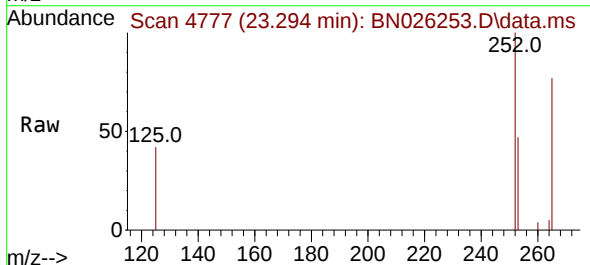
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Ion Ratio Lower Upper
252 100
253 35.8 0.0 55.6
125 24.7 0.0 35.8

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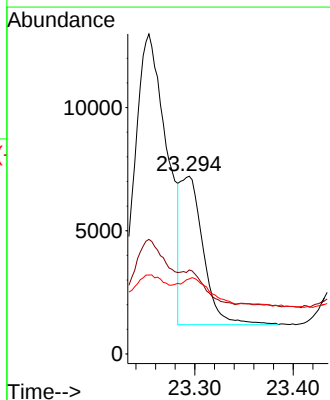
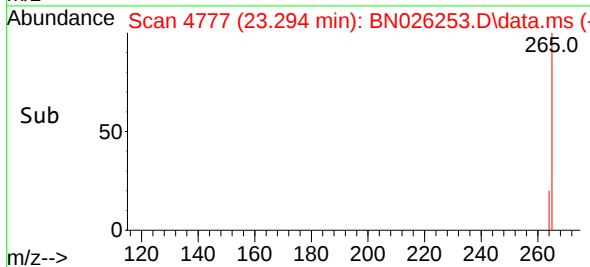
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

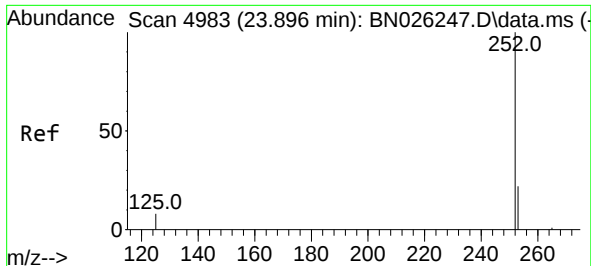


#25
Benzo(k)fluoranthene
Concen: 0.113 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52



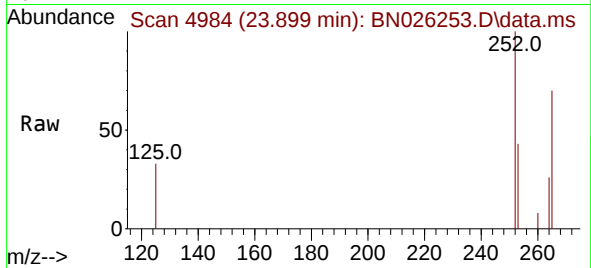
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Ion Ratio Lower Upper
252 100
253 47.3 23.2 34.8#
125 42.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.216 ng/ul
RT: 23.899 min Scan# 4984
Delta R.T. 0.006 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

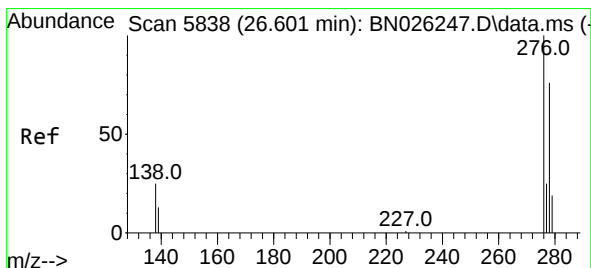
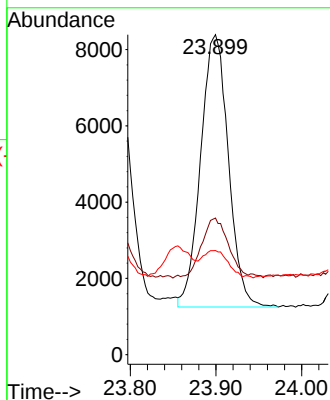
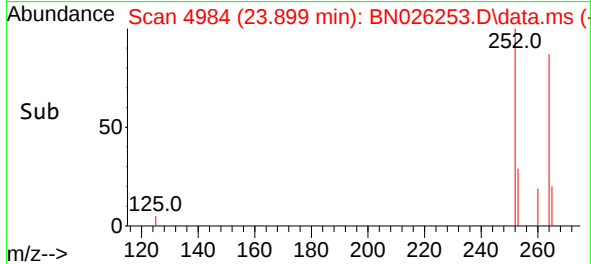
Instrument :
BNA_N
ClientSampleId :
DCGH2DL



Tgt Ion:252 Resp: 16040
Ion Ratio Lower Upper
252 100
253 42.7 26.0 39.0#
125 32.5 17.3 25.9#

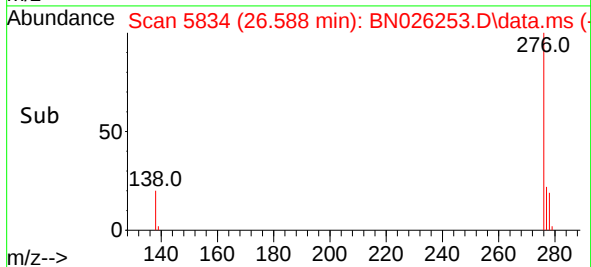
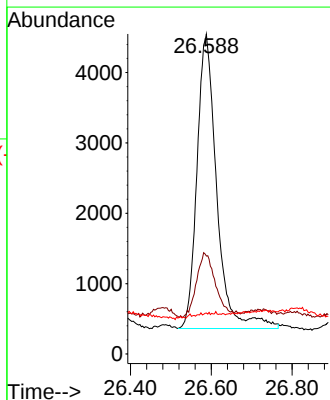
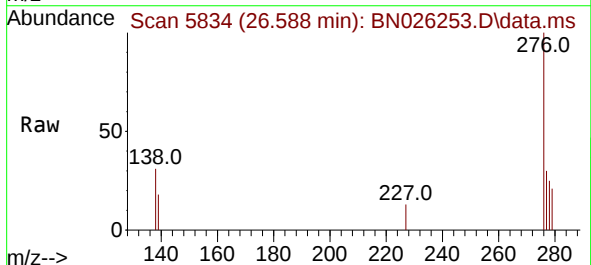
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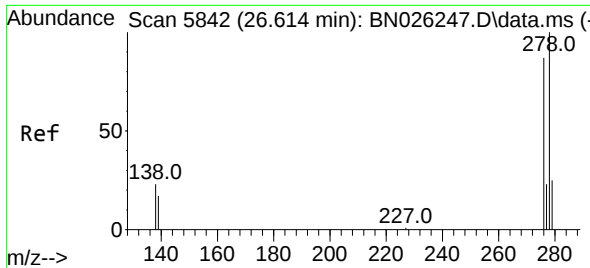
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.175 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.000 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

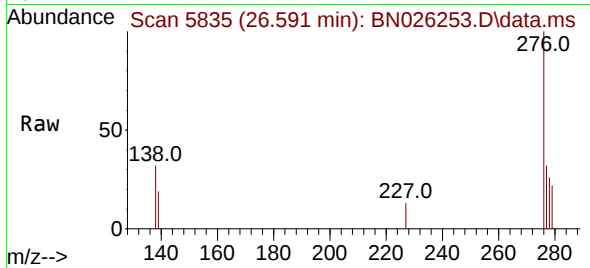
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Ion Ratio Lower Upper
276 100
138 21.8 24.5 36.7#
227 0.4 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.051 ng/ul
RT: 26.591 min Scan# 5835
Delta R.T. -0.017 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52

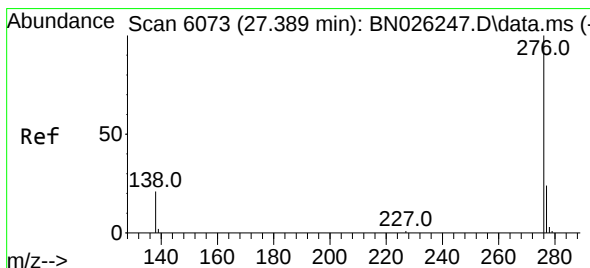
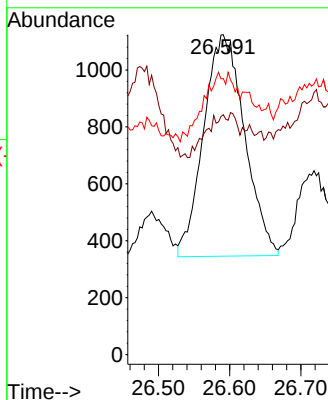
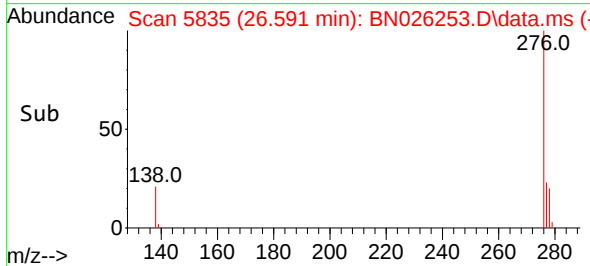
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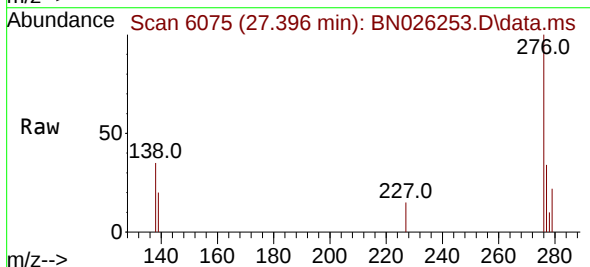
Tgt Ion:278 Resp: 3110
Ion Ratio Lower Upper
278 100
139 75.0 19.0 28.4
279 86.3 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 27.396 min Scan# 6075
Delta R.T. 0.010 min
Lab File: BN026253.D
Acq: 04 Jul 2023 08:52



Tgt Ion:276 Resp: 12890
Ion Ratio Lower Upper
276 100
138 35.2 23.4 35.0#
277 33.9 20.0 30.0#

