

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026181.D
 Acq On : 02 Jul 2023 10:16
 Operator : MA/JU
 Sample : 03247-01
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGA9

Manual Integrations
 APPROVED

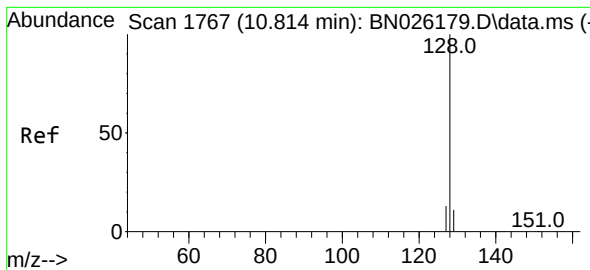
Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :mohammad ahmed 07/03/2023

Quant Time: Jul 02 11:33:57 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)

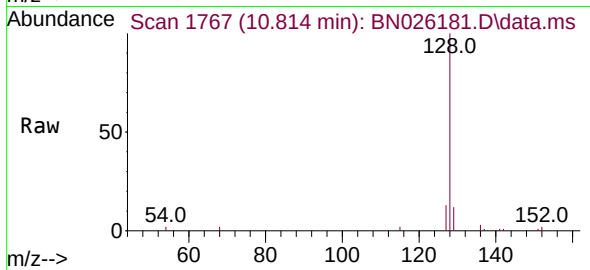
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.955	152	7784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25063	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.594	164	14683	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.344	188	28733	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	15282	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	15673	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	28480	3.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	8251	0.214	ng/ul	-0.01
18) Fluoranthene-d10	19.369	212	15329	0.264	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.814	128	21538	0.300	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	7269	0.159	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	4303	0.091	ng/ul	98
10) Acenaphthylene	14.317	152	15046	0.219	ng/ul	98
11) Acenaphthene	14.659	153	2258	0.040	ng/ul	97
12) Fluorene	15.644	166	2438	0.038	ng/ul#	97
15) Phenanthrene	17.386	178	64881	0.684	ng/ul	100
16) Anthracene	17.474	178	13684	0.162	ng/ul	95
19) Fluoranthene	19.401	202	175371	2.149	ng/ul	99
20) Pyrene	19.764	202	143130	1.686	ng/ul	97
21) Benzo(a)anthracene	21.515	228	83420	1.323	ng/ul	97
22) Chrysene	21.571	228	97541	1.487	ng/ul	97
24) Benzo(b)fluoranthene	23.243	252	166282m	2.486	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	53720m	0.800	ng/ul	
26) Benzo(a)pyrene	23.883	252	98539	1.696	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.575	276	85712	1.351	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.582	278	21561	0.449	ng/ul#	92
29) Benzo(g,h,i)perylene	27.377	276	79763	1.413	ng/ul	96

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



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

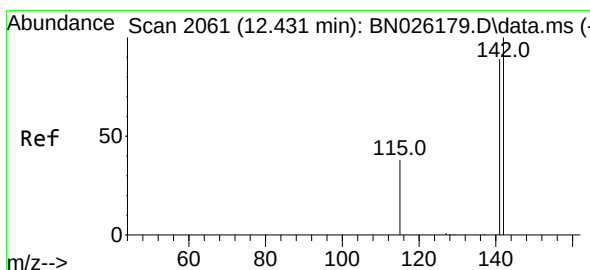
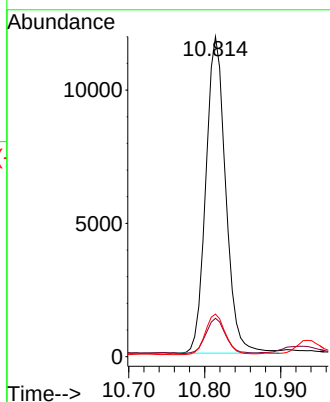
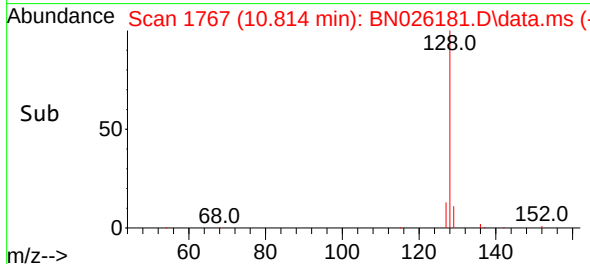
Instrument :
BNA_N
ClientSampleId :
DCGA9



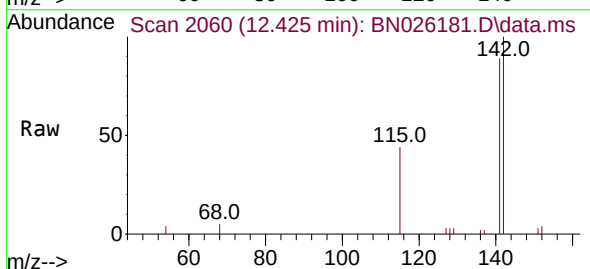
Tgt Ion:128 Resp: 21538
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.3 10.7 16.1

Manual Integrations
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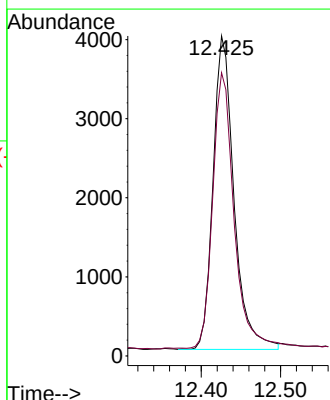
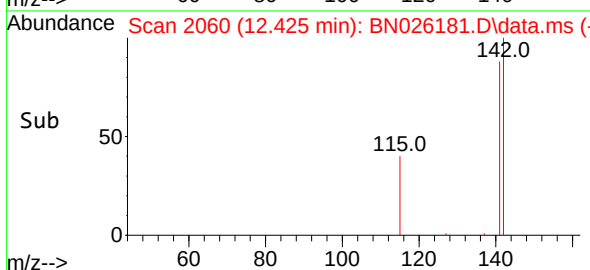
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

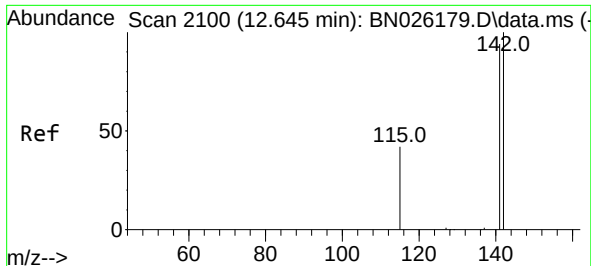


#7
2-Methylnaphthalene
Concen: 0.159 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16



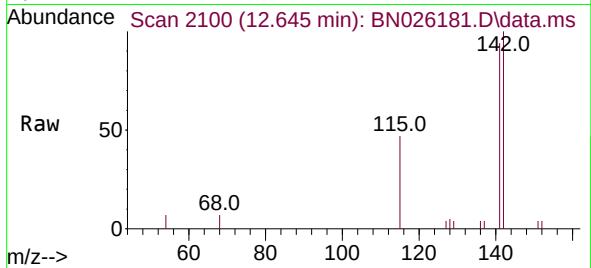
Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

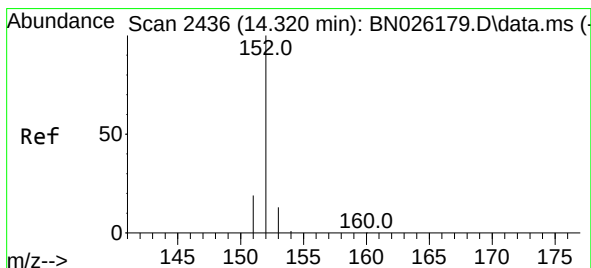
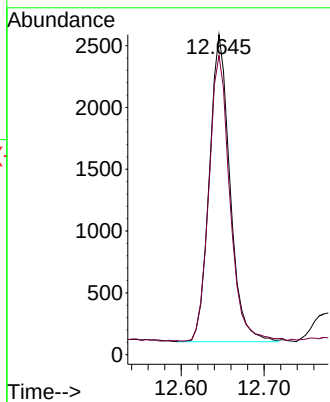
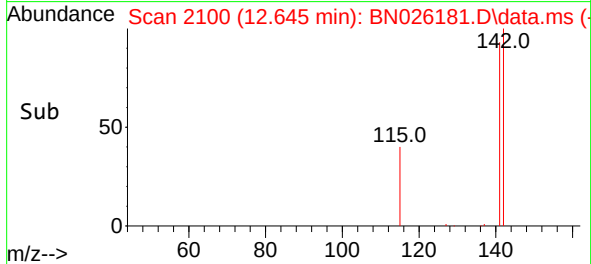
Instrument :
BNA_N
ClientSampleId :
DCGA9



Tgt Ion:142 Resp: 430
Ion Ratio Lower Upper
142 100
141 94.3 74.2 111.4

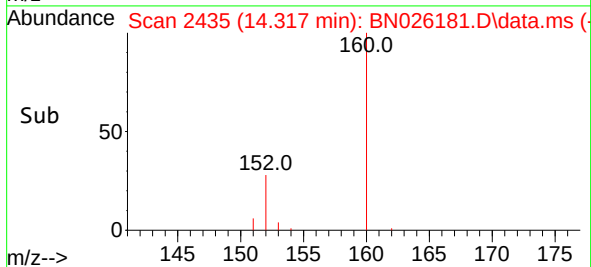
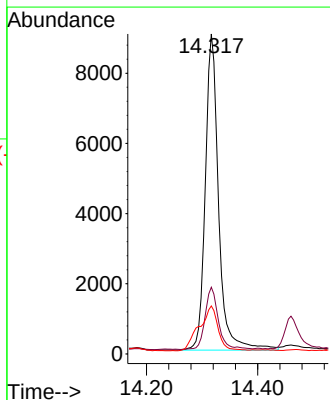
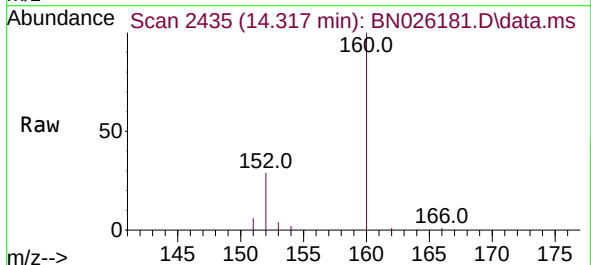
Manual Integrations
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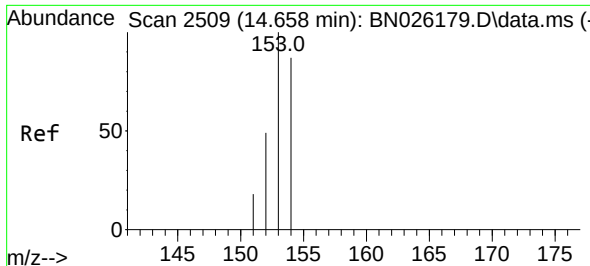
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#10
Acenaphthylene
Concen: 0.219 ng/ul
RT: 14.317 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

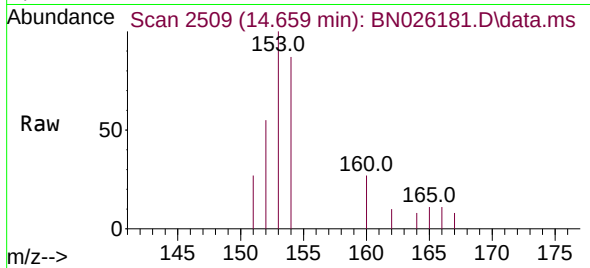
Tgt Ion:152 Resp: 15046
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 15.0 10.9 16.3





#11
Acenaphthene
Concen: 0.040 ng/u1
RT: 14.659 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

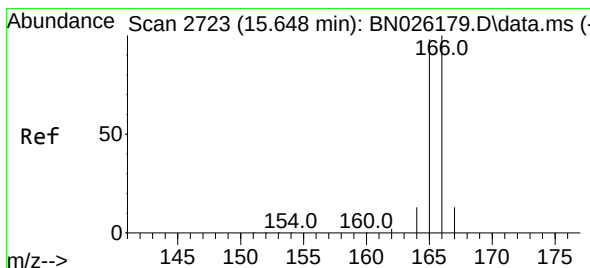
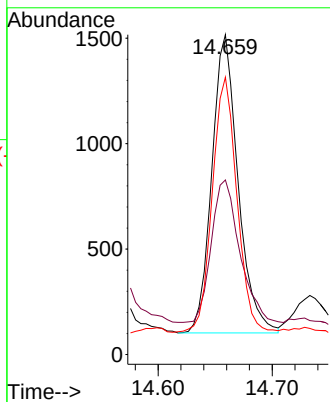
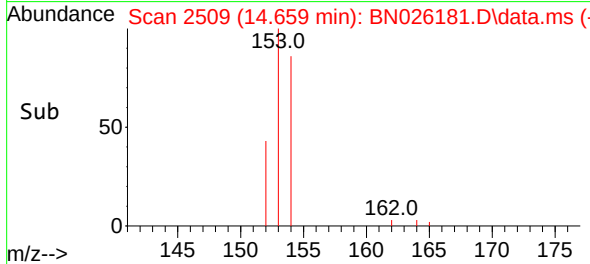
Instrument :
BNA_N
ClientSampleId :
DCGA9



Tgt Ion:153 Resp: 2258
Ion Ratio Lower Upper
153 100
152 54.6 39.4 59.0
154 86.7 68.9 103.3

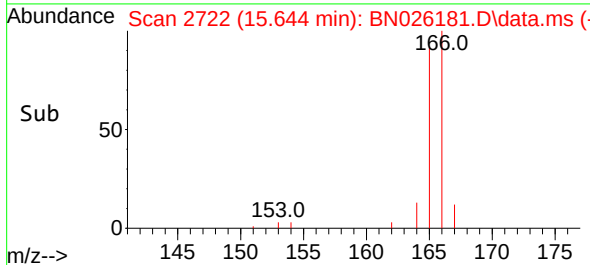
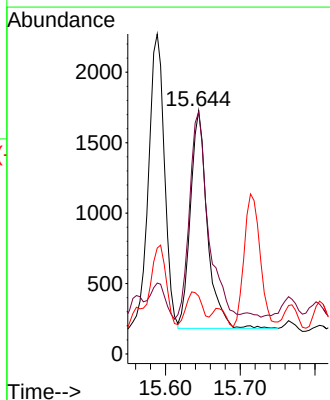
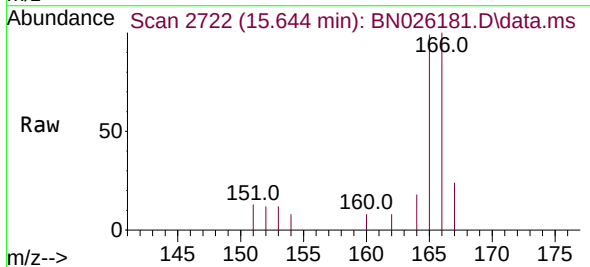
Manual Integrations
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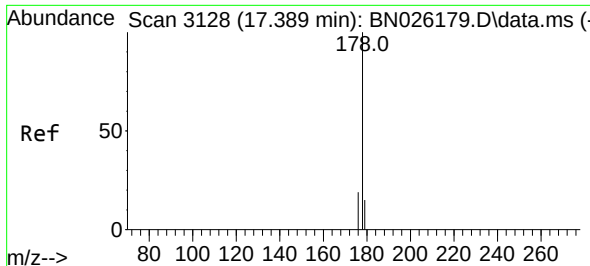
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#12
Fluorene
Concen: 0.038 ng/u1
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

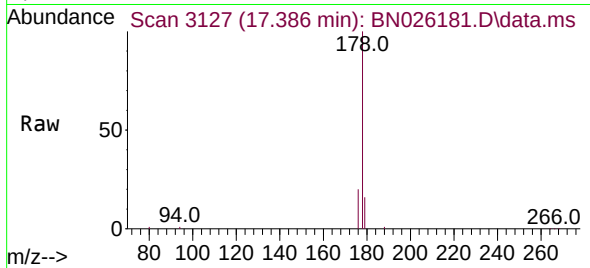
Tgt Ion:166 Resp: 2438
Ion Ratio Lower Upper
166 100
165 99.5 79.9 119.9
167 23.8 10.8 16.2#





#15
Phenanthrene
Concen: 0.684 ng/ul
RT: 17.386 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

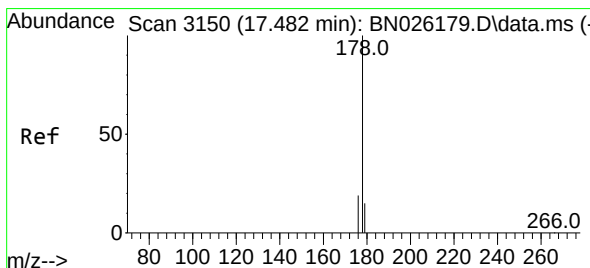
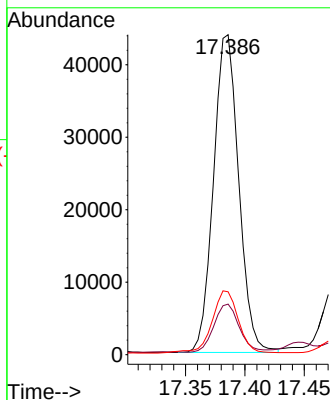
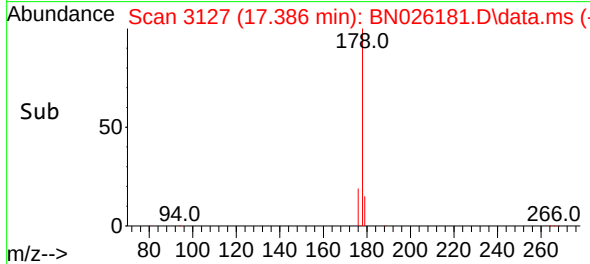
Instrument :
BNA_N
ClientSampleId :
DCGA9



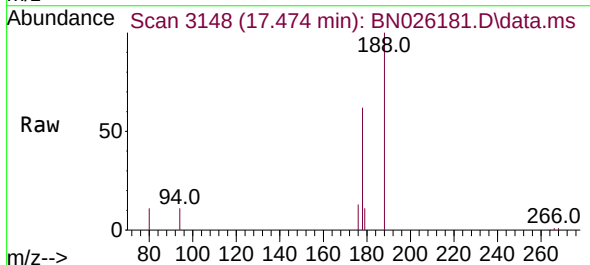
Tgt Ion:178 Resp: 6488
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 19.6 15.8 23.6

Manual Integrations
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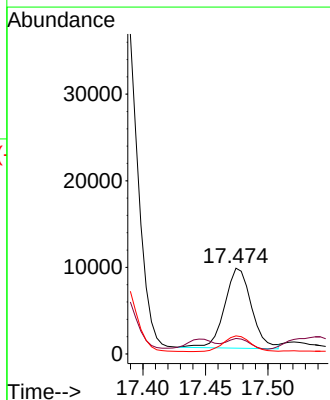
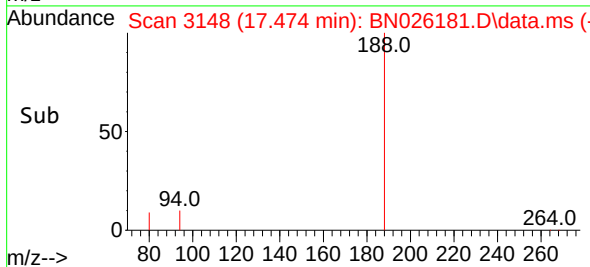
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

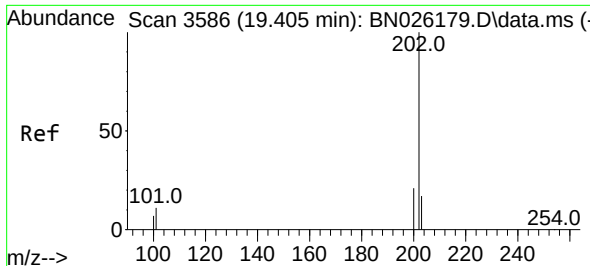


#16
Anthracene
Concen: 0.162 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.012 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16



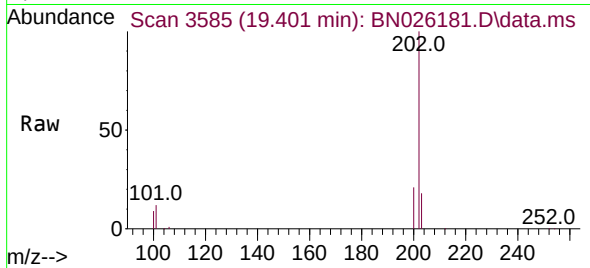
Tgt Ion:178 Resp: 13684
Ion Ratio Lower Upper
178 100
179 18.1 12.6 18.8
176 21.1 15.1 22.7





#19
Fluoranthene
Concen: 2.149 ng/ul
RT: 19.401 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

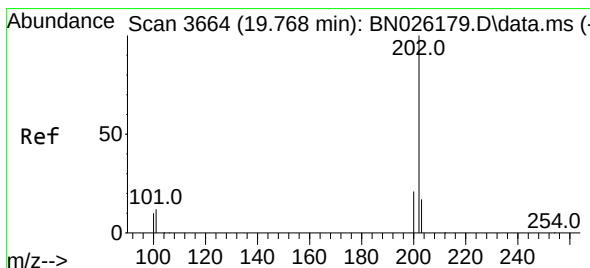
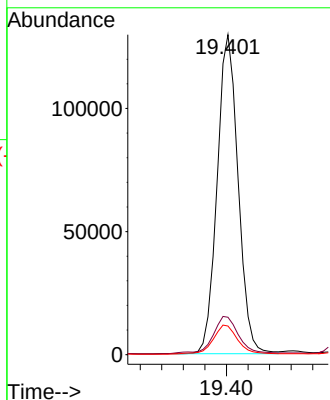
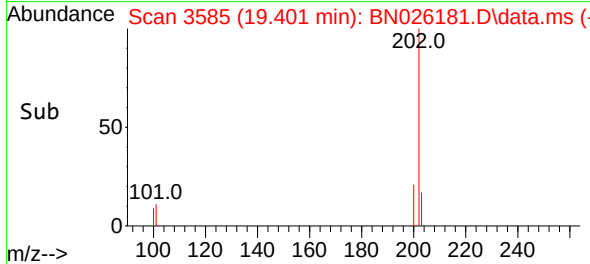
Instrument :
BNA_N
ClientSampleId :
DCGA9



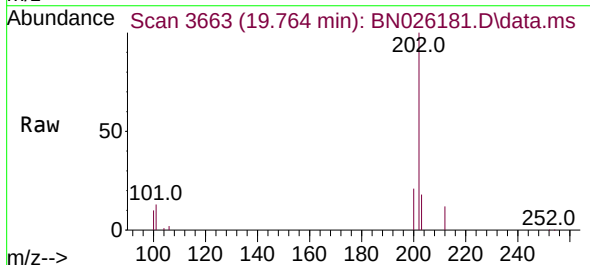
Tgt Ion:202 Resp: 17537
Ion Ratio Lower Upper
202 100
101 11.7 9.5 14.3
100 8.9 7.3 10.9

Manual Integrations
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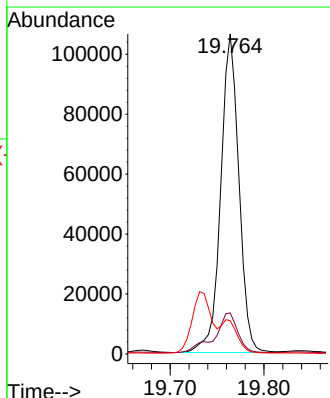
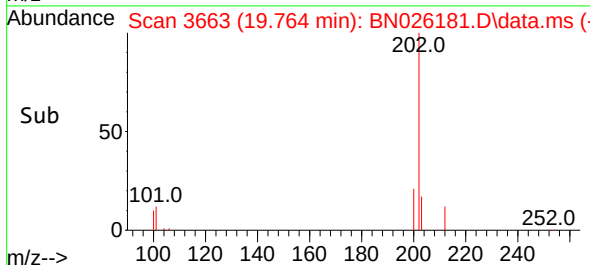
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

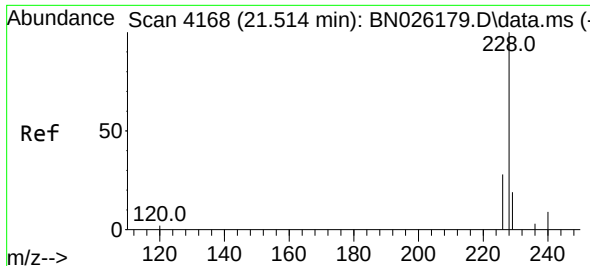


#20
Pyrene
Concen: 1.686 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16



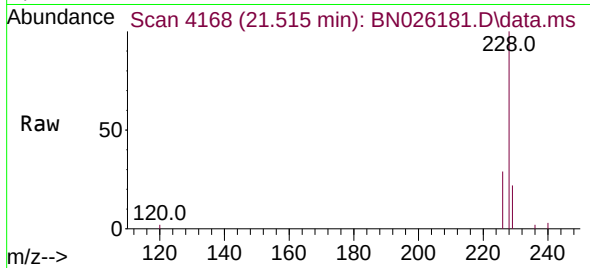
Tgt Ion:202 Resp: 143130
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.323 ng/ul
RT: 21.515 min Scan# 4168
Delta R.T. -0.012 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

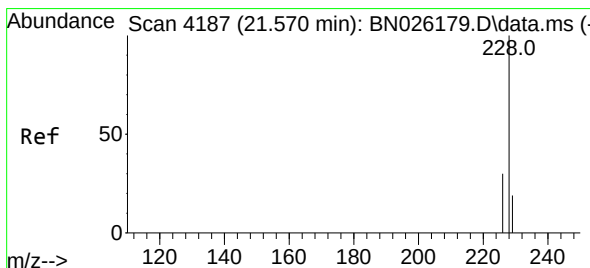
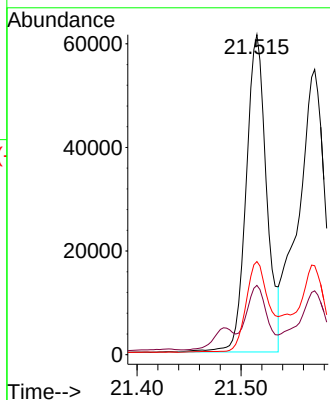
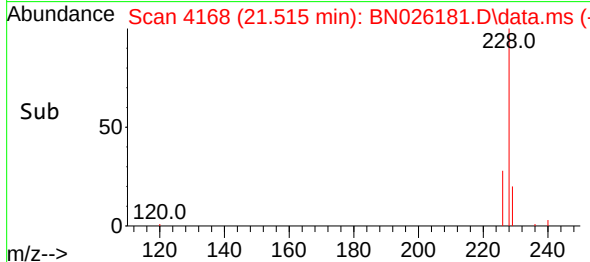
Instrument :
BNA_N
ClientSampleId :
DCGA9



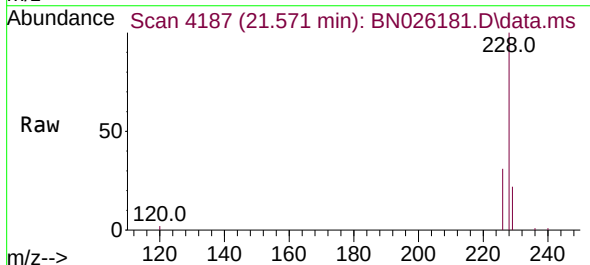
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Ion Ratio Lower Upper
228 100
229 21.6 15.8 23.6
226 29.1 22.5 33.7

Manual Integrations
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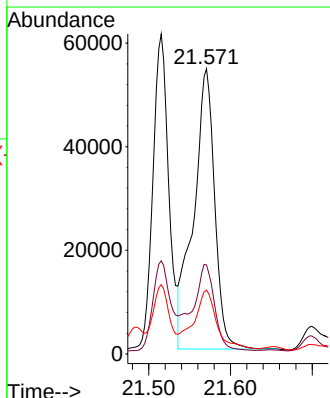
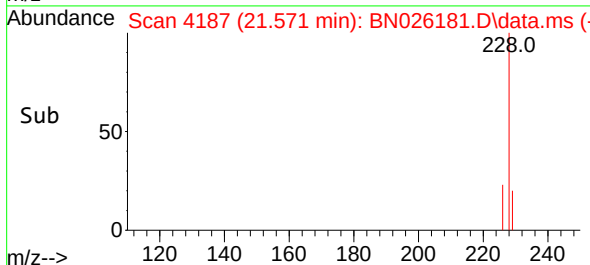
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023

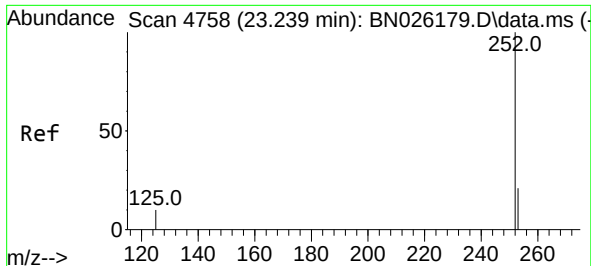


#22
Chrysene
Concen: 1.487 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16



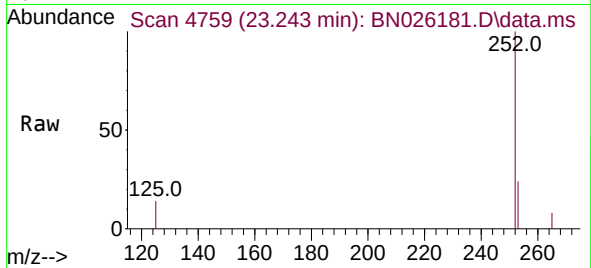
Tgt Ion:228 Resp: 97541
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.486 ng/ul m
RT: 23.243 min Scan# 4758
Delta R.T. 0.000 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

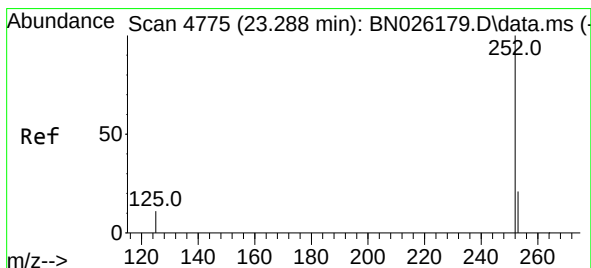
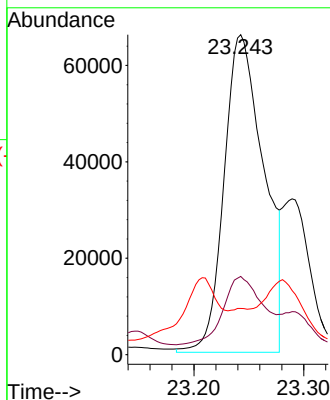
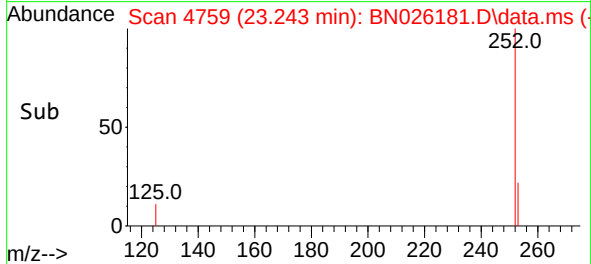
Instrument :
BNA_N
ClientSampleId :
DCGA9



Tgt Ion:252 Resp: 16628
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.5 0.0 35.8

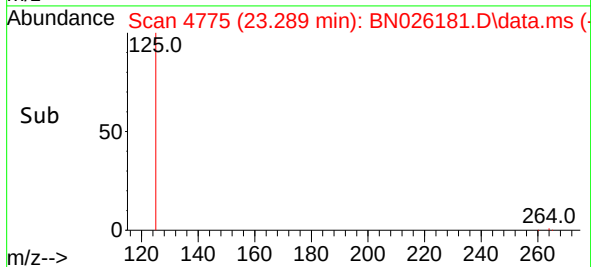
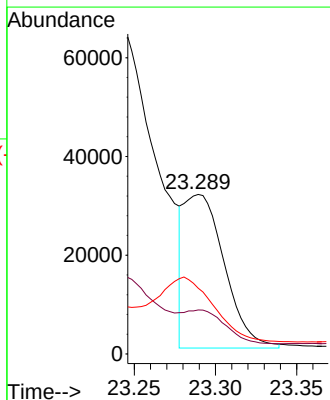
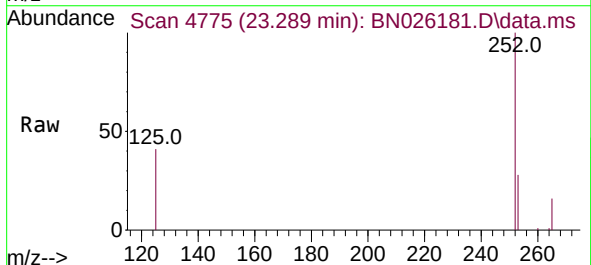
Manual Integrations
APPROVED

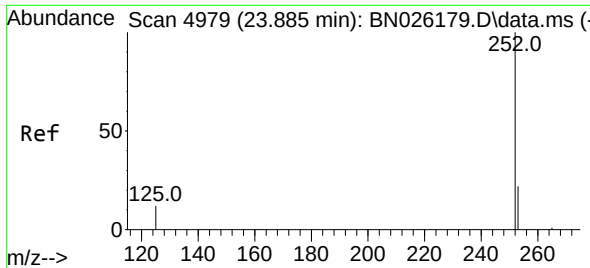
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#25
Benzo(k)fluoranthene
Concen: 0.800 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.003 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

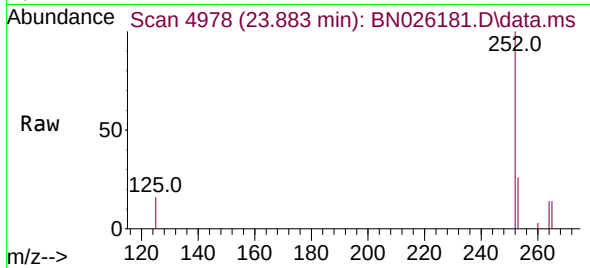
Tgt Ion:252 Resp: 53720
Ion Ratio Lower Upper
252 100
253 27.6 23.2 34.8
125 41.2 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.696 ng/ul
RT: 23.883 min Scan# 4979
Delta R.T. -0.003 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

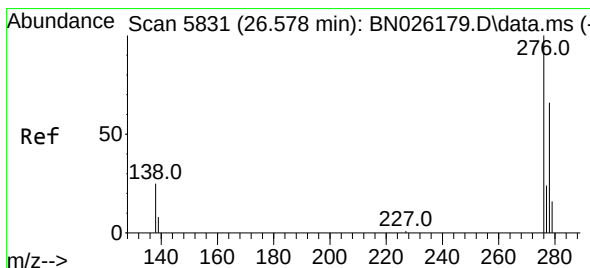
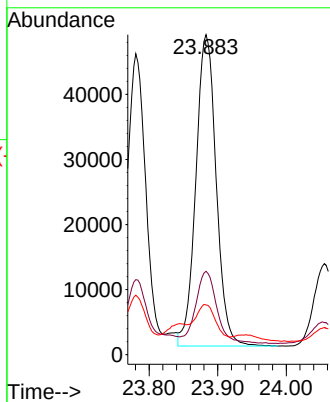
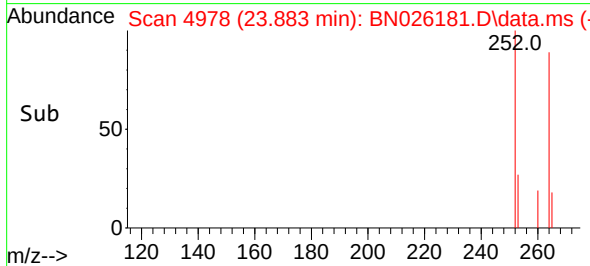
Instrument :
BNA_N
ClientSampleId :
DCGA9



Tgt Ion:252 Resp: 98539
Ion Ratio Lower Upper
252 100
253 26.1 26.0 39.0
125 15.5 17.3 25.9

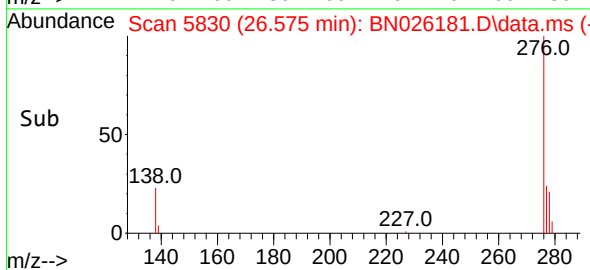
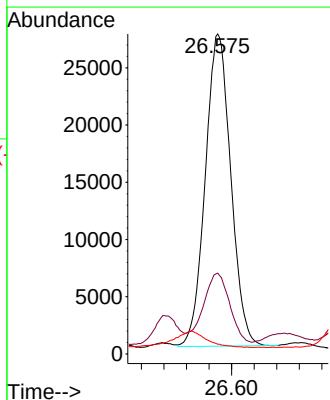
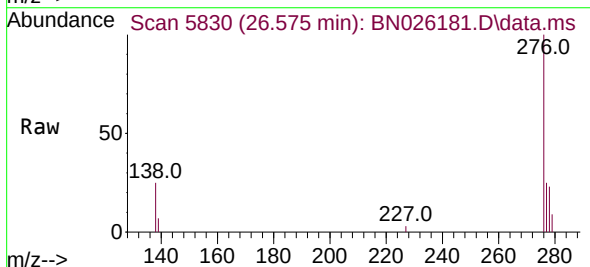
Manual Integrations
APPROVED

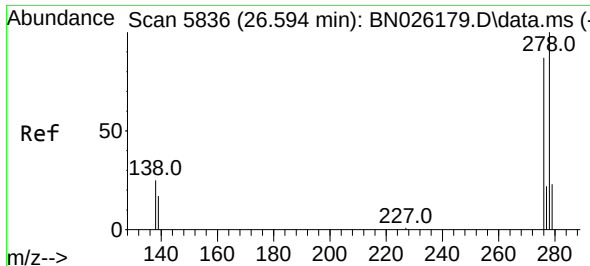
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.351 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. 0.017 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

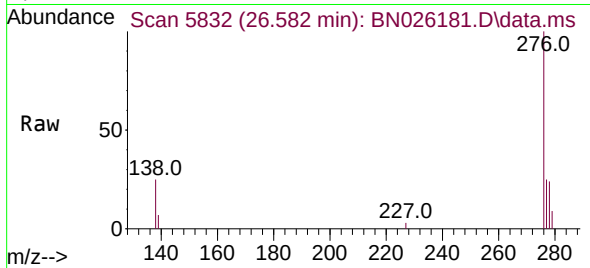
Tgt Ion:276 Resp: 85712
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.582 min Scan# 5836
Delta R.T. 0.004 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16

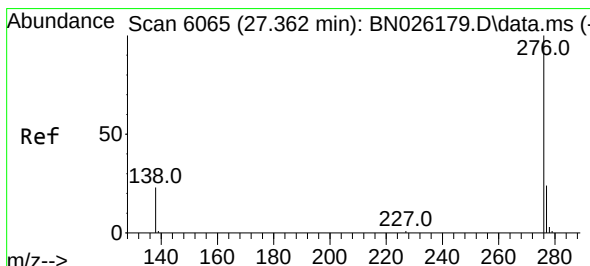
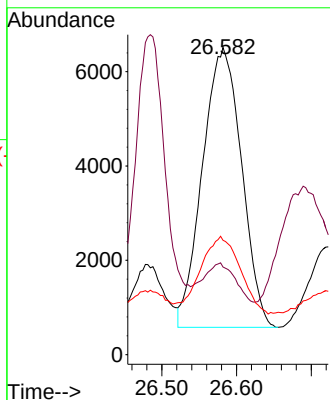
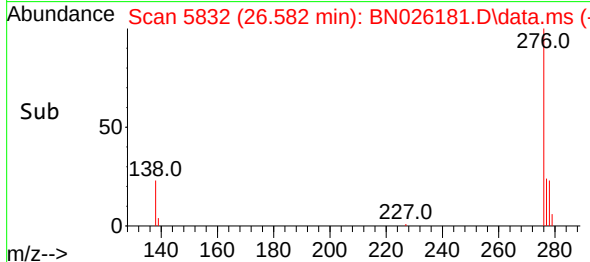
Instrument :
BNA_N
ClientSampleId :
DCGA9



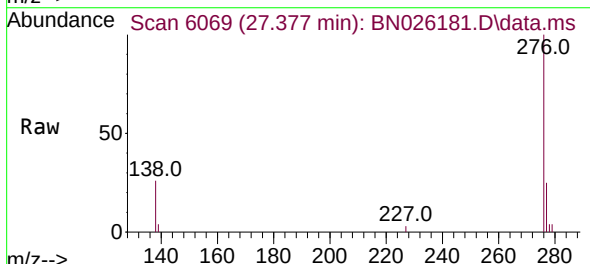
Tgt Ion:278 Resp: 2156
Ion Ratio Lower Upper
278 100
139 28.5 19.0 28.4
279 37.2 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :mohammad ahmed 07/03/2023



#29
Benzo(g,h,i)perylene
Concen: 1.413 ng/ul
RT: 27.377 min Scan# 6069
Delta R.T. 0.030 min
Lab File: BN026181.D
Acq: 02 Jul 2023 10:16



Tgt Ion:276 Resp: 79763
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 24.9 20.0 30.0

