

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026177.D
 Acq On : 02 Jul 2023 07:14
 Operator : MA/JU
 Sample : 03245-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 07:42:25 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	7762	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	25175	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.599	164	15046	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	31173	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	16951	0.400	ng/ul	# 0.00
23) Perylene-d12	23.988	264	17101	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	13277	1.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	4289	0.111	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	8749	0.136	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	46024	0.638	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	9917	0.216	ng/ul	99
8) 1-Methylnaphthalene	12.645	142	3813	0.080	ng/ul	99
10) Acenaphthylene	14.316	152	51128	0.726	ng/ul	100
11) Acenaphthene	14.659	153	4509	0.078	ng/ul	97
12) Fluorene	15.644	166	8088	0.122	ng/ul#	98
15) Phenanthrene	17.386	178	183800	1.785	ng/ul	99
16) Anthracene	17.478	178	49220	0.538	ng/ul	99
19) Fluoranthene	19.401	202	496013	5.478	ng/ul	98
20) Pyrene	19.764	202	376677	4.000	ng/ul	97
21) Benzo(a)anthracene	21.515	228	210722	3.013	ng/ul	96
22) Chrysene	21.571	228	206023	2.831	ng/ul	98
24) Benzo(b)fluoranthene	23.237	252	307638m	4.215	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	102495m	1.398	ng/ul	
26) Benzo(a)pyrene	23.877	252	185298	2.923	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.545	276	155313	2.243	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.548	278	36884	0.704	ng/ul	95
29) Benzo(g,h,i)perylene	27.336	276	142624	2.315	ng/ul	95

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

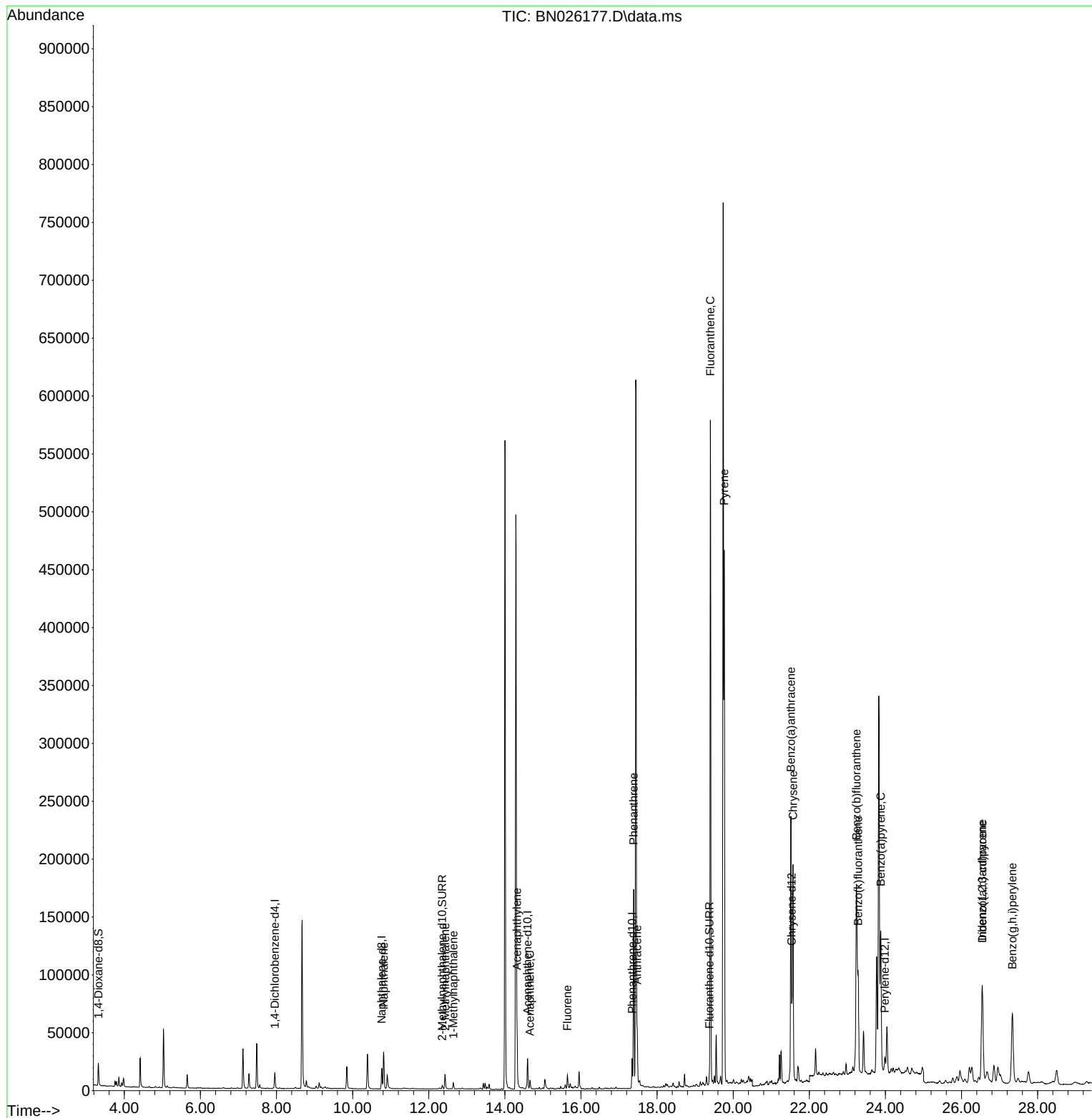
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026177.D
Acq On : 02 Jul 2023 07:14
Operator : MA/JU
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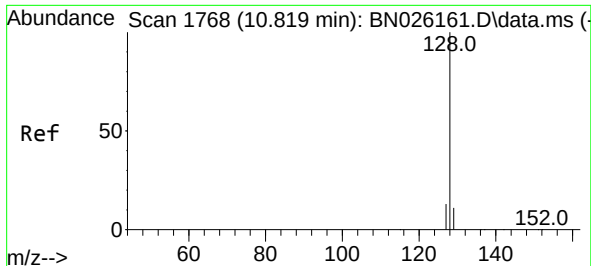
Instrument :
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Quant Time: Jul 02 07:42:25 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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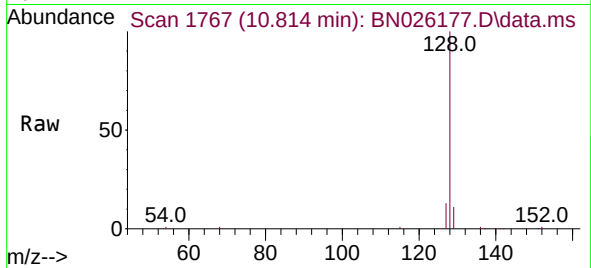
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.638 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

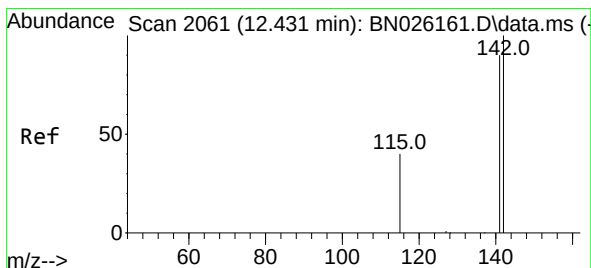
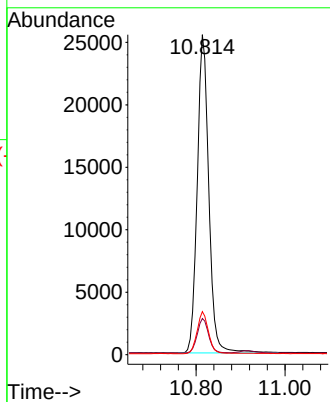
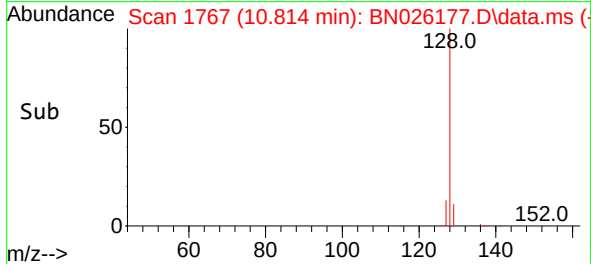
Instrument :
BNA_N
ClientSampleId :
DCGH7



Tgt Ion:128 Resp: 46024
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.4 10.7 16.1

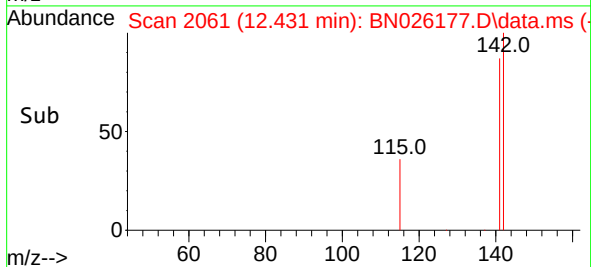
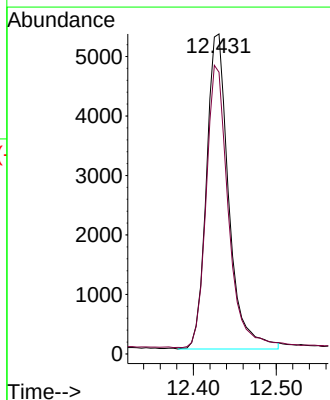
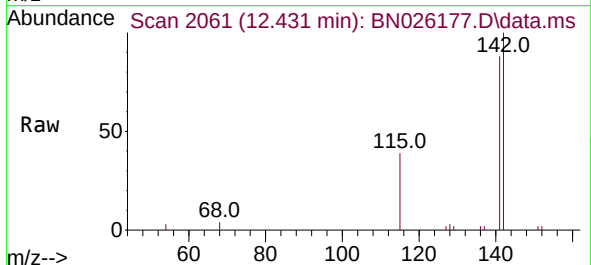
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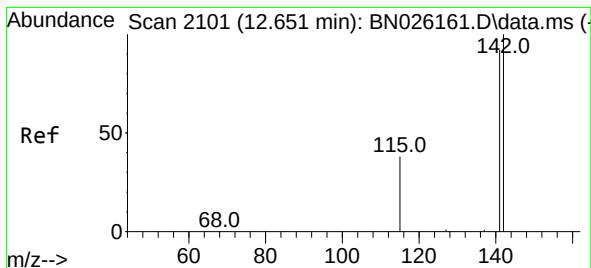
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.431 min Scan# 2061
Delta R.T. -0.005 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

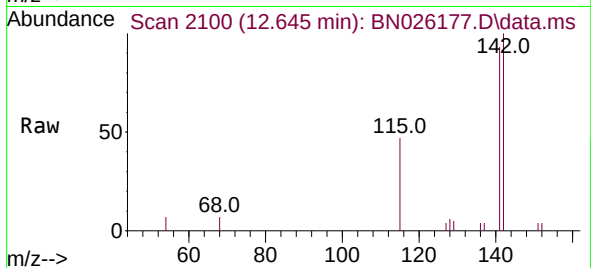
Tgt Ion:142 Resp: 9917
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 12.645 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

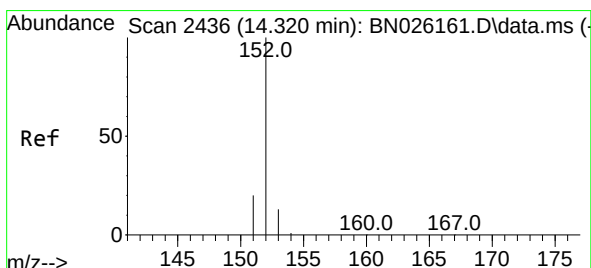
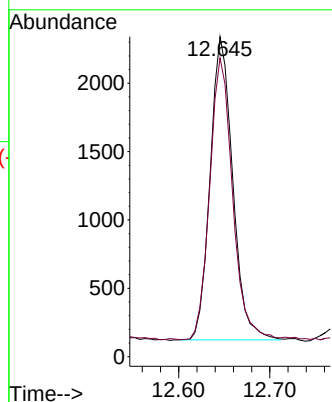
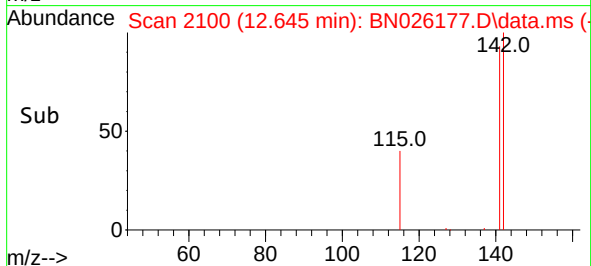
Instrument :
BNA_N
ClientSampleId :
DCGH7



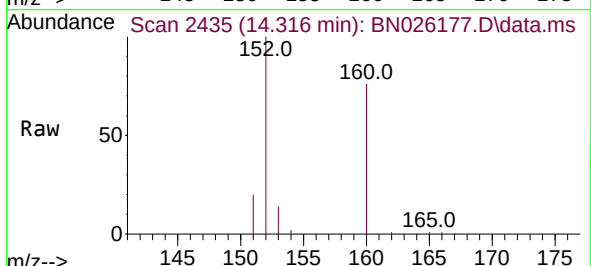
Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
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141 94.1 74.2 111.4

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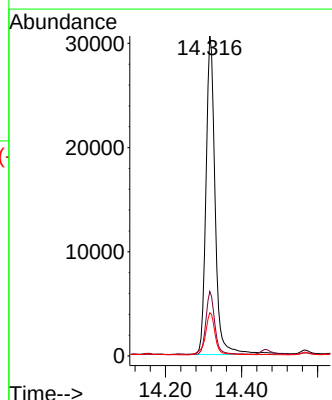
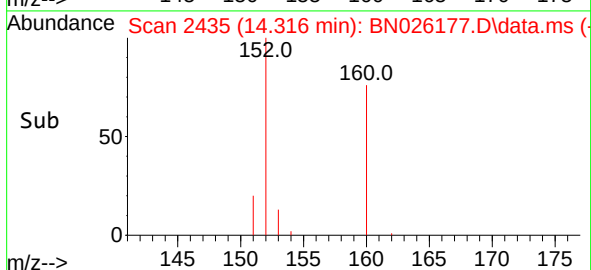
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

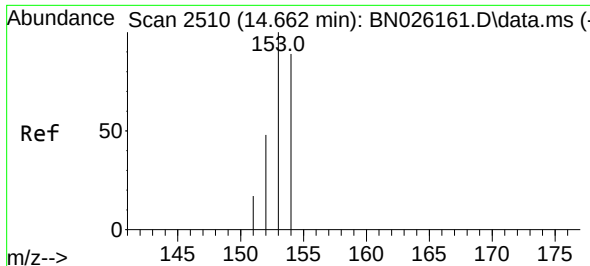


#10
Acenaphthylene
Concen: 0.726 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14



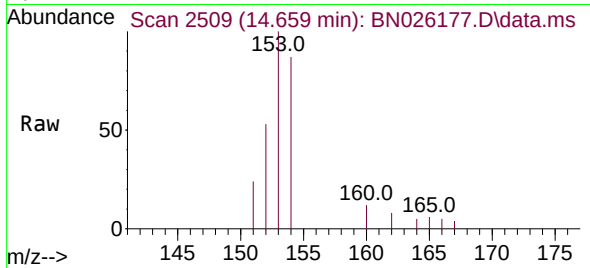
Tgt Ion:152 Resp: 51128
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.078 ng/ul
RT: 14.659 min Scan# 2509
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

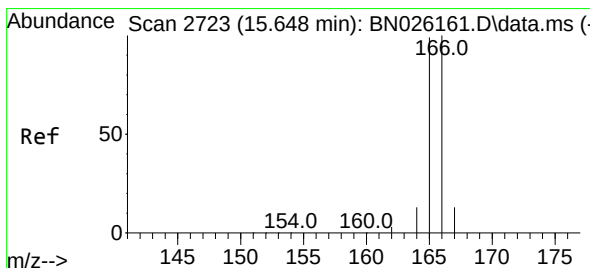
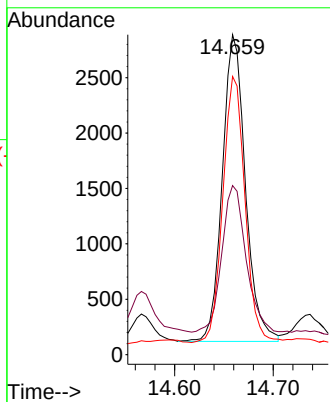
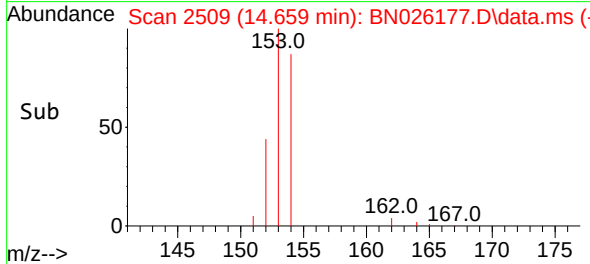
Instrument :
BNA_N
ClientSampleId :
DCGH7



Tgt Ion:153 Resp: 4509
Ion Ratio Lower Upper
153 100
152 52.8 39.4 59.0
154 86.9 68.9 103.3

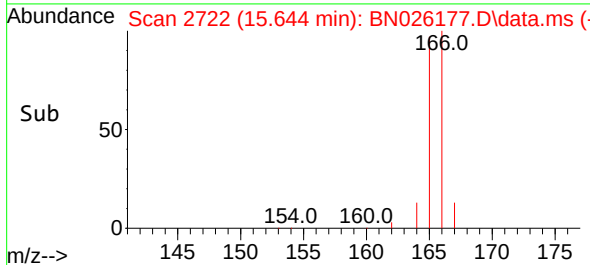
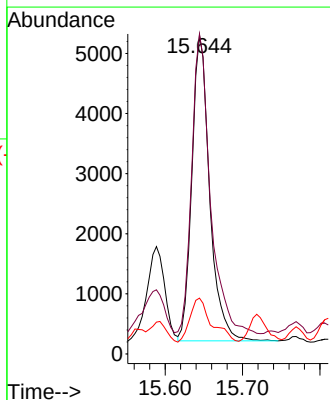
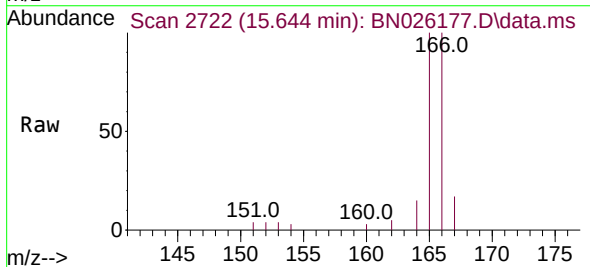
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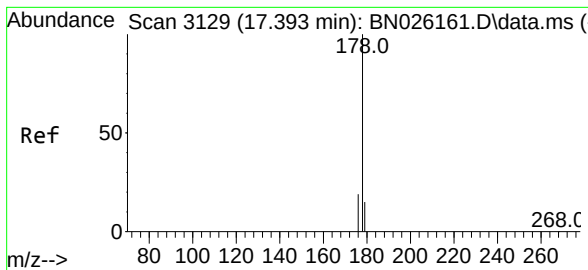
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#12
Fluorene
Concen: 0.122 ng/ul
RT: 15.644 min Scan# 2722
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

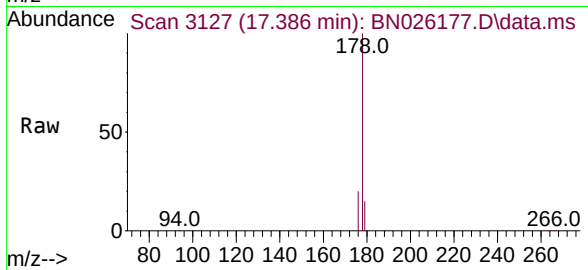
Tgt Ion:166 Resp: 8088
Ion Ratio Lower Upper
166 100
165 100.4 79.9 119.9
167 17.5 10.8 16.2#





#15
Phenanthrene
Concen: 1.785 ng/ul
RT: 17.386 min Scan# 3127
Delta R.T. -0.008 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

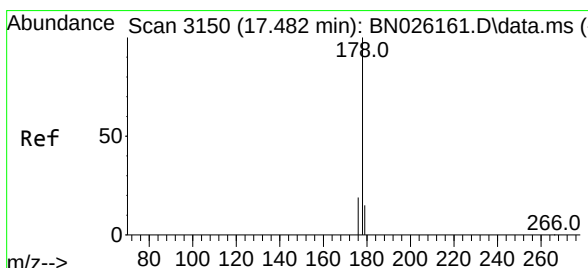
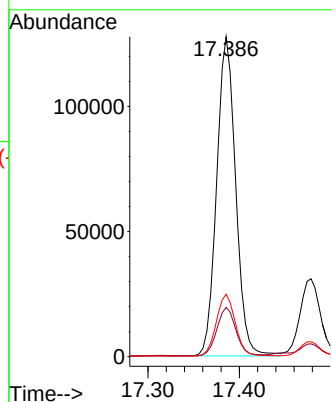
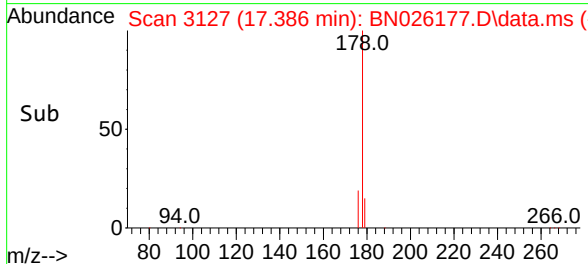
Instrument :
BNA_N
ClientSampleId :
DCGH7



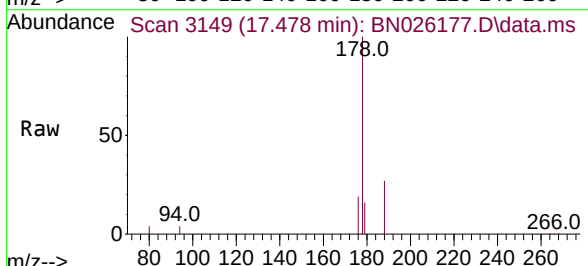
Tgt Ion:178 Resp: 183800
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 15.8 23.6

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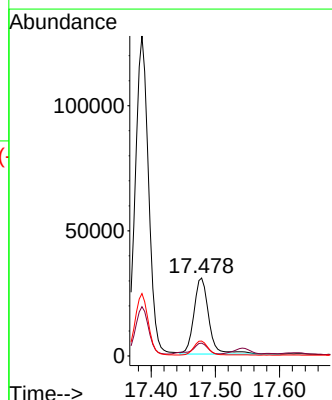
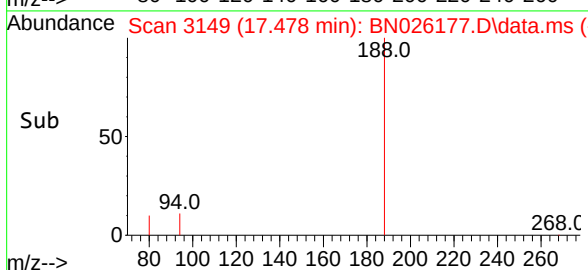
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

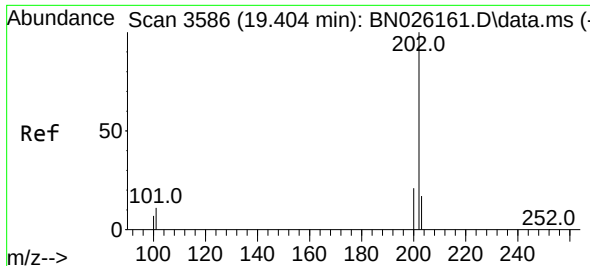


#16
Anthracene
Concen: 0.538 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.008 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14



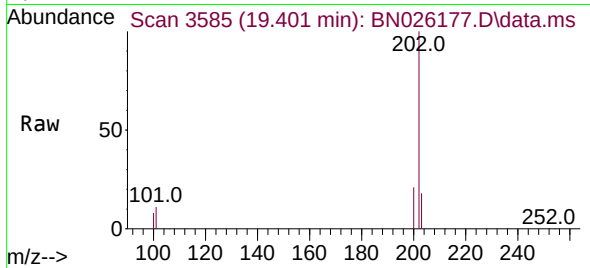
Tgt Ion:178 Resp: 49220
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.2 15.1 22.7





#19
Fluoranthene
Concen: 5.478 ng/u1
RT: 19.401 min Scan# 3585
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

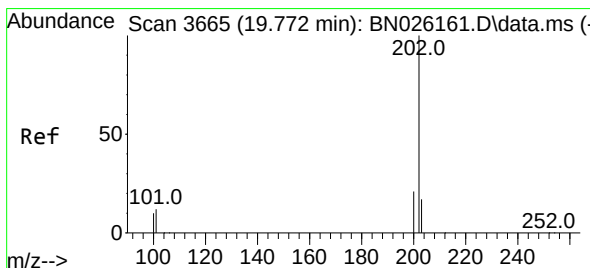
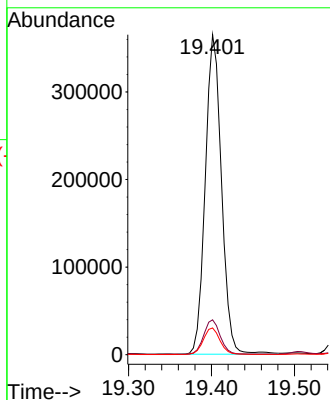
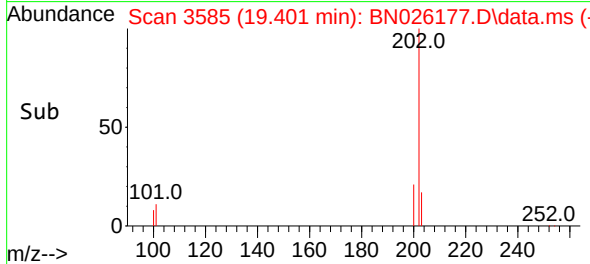
Instrument :
BNA_N
ClientSampleId :
DCGH7



Tgt Ion:202 Resp: 496011
Ion Ratio Lower Upper
202 100
101 10.9 9.5 14.3
100 8.4 7.3 10.9

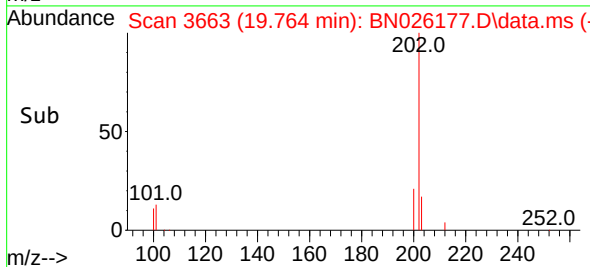
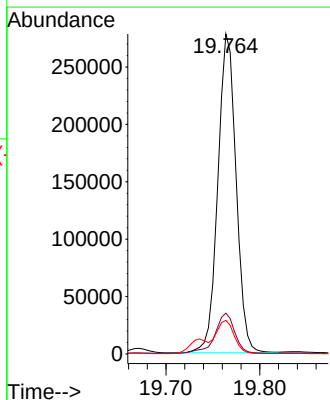
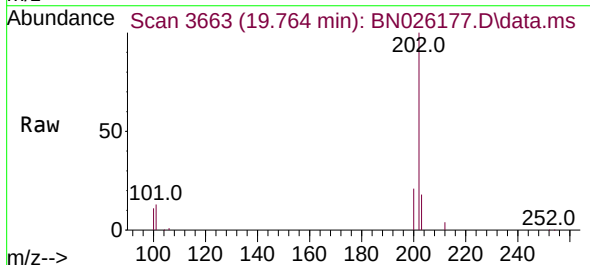
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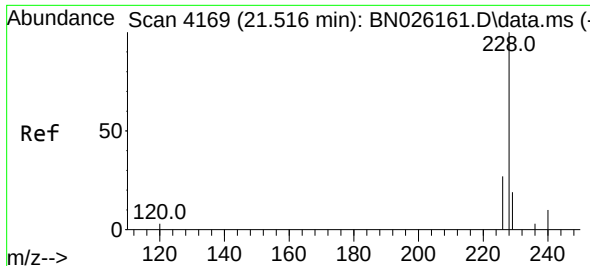
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 4.000 ng/u1
RT: 19.764 min Scan# 3663
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

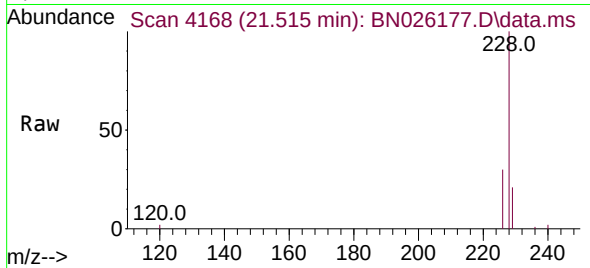
Tgt Ion:202 Resp: 376677
Ion Ratio Lower Upper
202 100
101 12.8 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 3.013 ng/ul
RT: 21.515 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

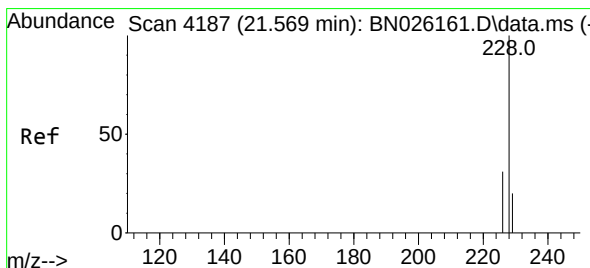
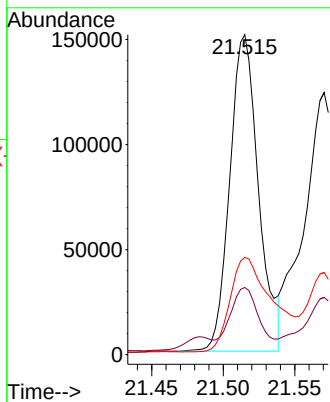
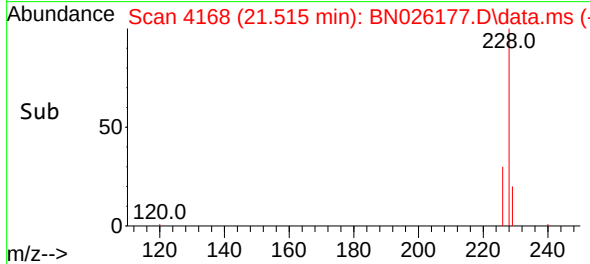
Instrument :
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Tgt Ion:228 Resp: 21072
Ion Ratio Lower Upper
228 100
229 21.0 15.8 23.6
226 30.4 22.5 33.7

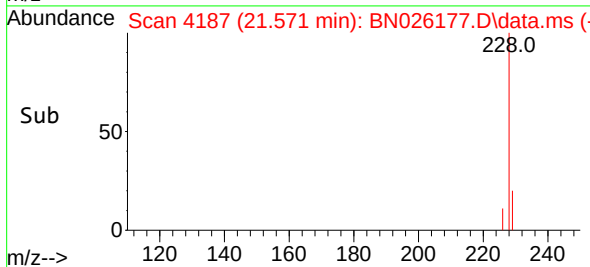
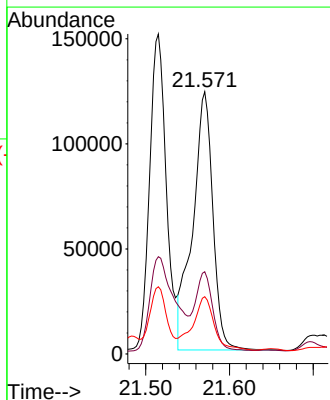
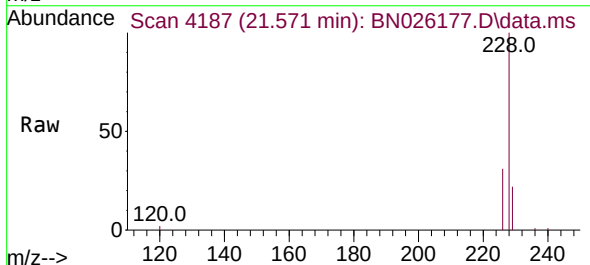
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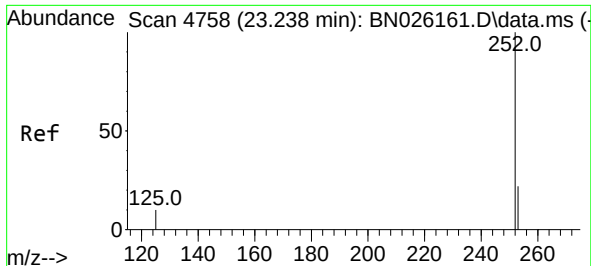
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.831 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

Tgt Ion:228 Resp: 206023
Ion Ratio Lower Upper
228 100
226 31.4 24.8 37.2
229 21.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 4.215 ng/ul m

RT: 23.237 min Scan# 4758

Delta R.T. -0.006 min

Lab File: BN026177.D

Acq: 02 Jul 2023 07:14

Instrument :

BNA_N

ClientSampleId :

DCGH7

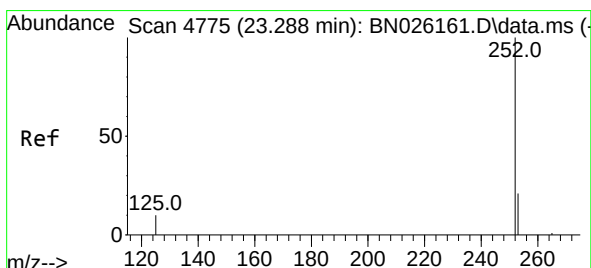
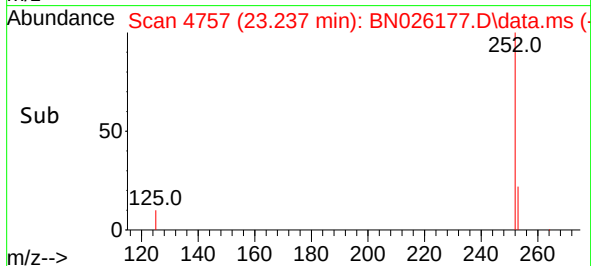
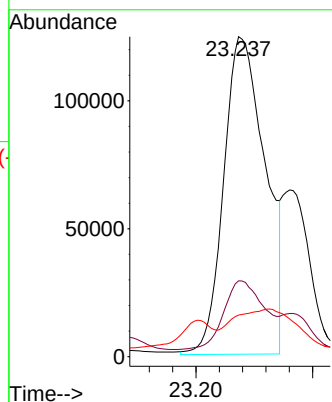
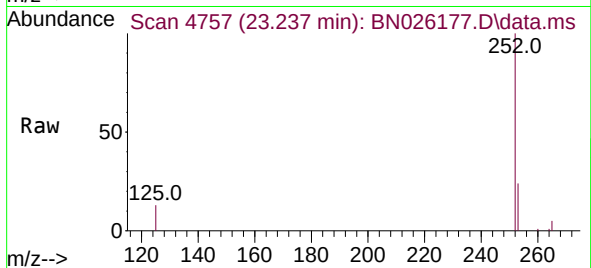
Tgt Ion:252 Resp: 307638

Ion	Ratio	Lower	Upper
252	100		
253	23.7	0.0	55.6
125	13.0	0.0	35.8

Manual Integrations

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Supervised By :Sohil Jodhani 07/02/2023



#25

Benzo(k)fluoranthene

Concen: 1.398 ng/ul m

RT: 23.280 min Scan# 4772

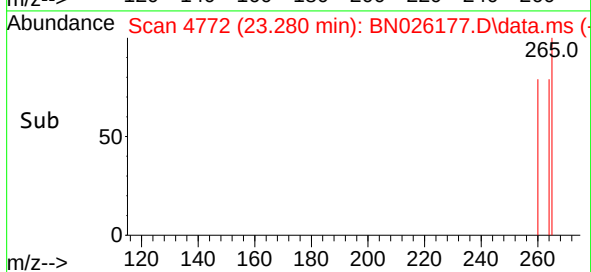
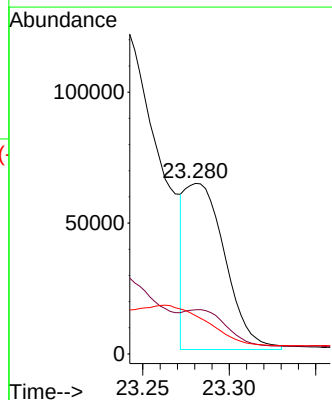
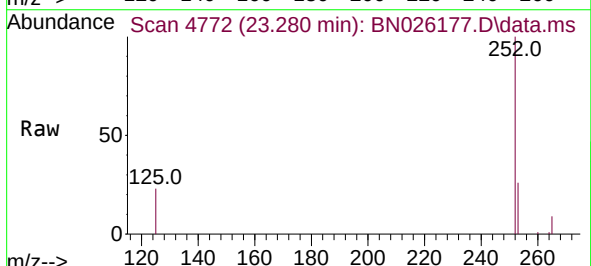
Delta R.T. -0.012 min

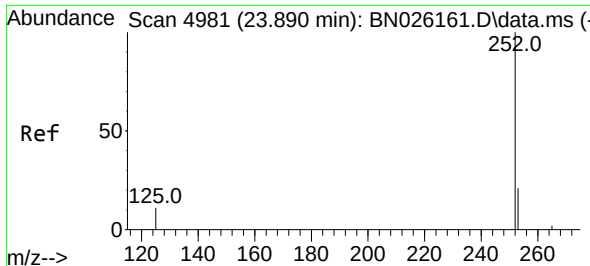
Lab File: BN026177.D

Acq: 02 Jul 2023 07:14

Tgt Ion:252 Resp: 102495

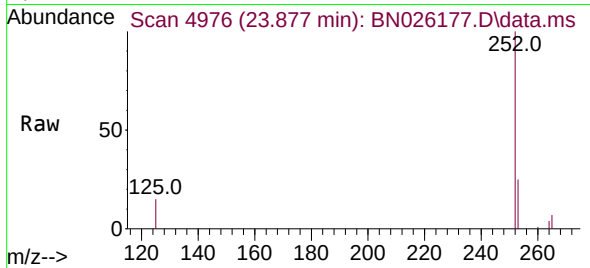
Ion	Ratio	Lower	Upper
252	100		
253	25.9	23.2	34.8
125	22.6	15.0	22.4





#26
Benzo(a)pyrene
Concen: 2.923 ng/ul
RT: 23.877 min Scan# 4981
Delta R.T. -0.009 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

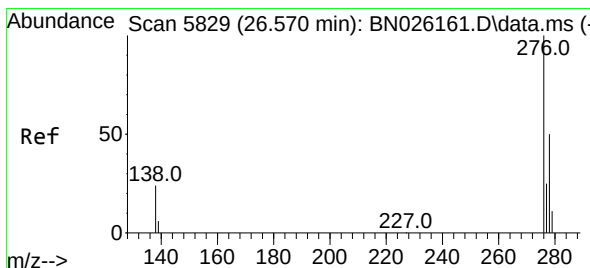
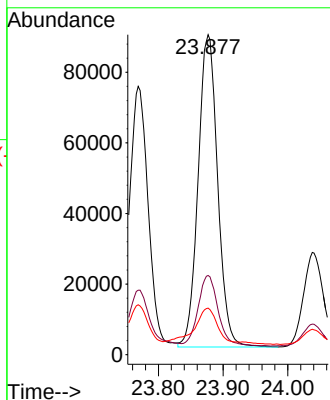
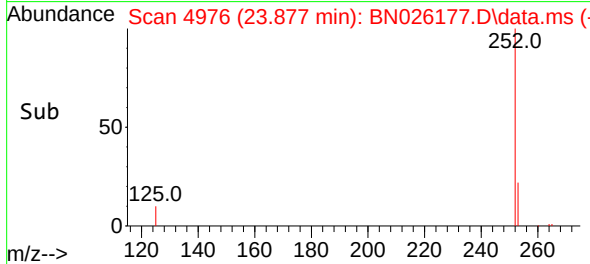
Instrument :
BNA_N
ClientSampleId :
DCGH7



Tgt Ion:252 Resp: 185298
Ion Ratio Lower Upper
252 100
253 24.8 26.0 39.0
125 14.6 17.3 25.9

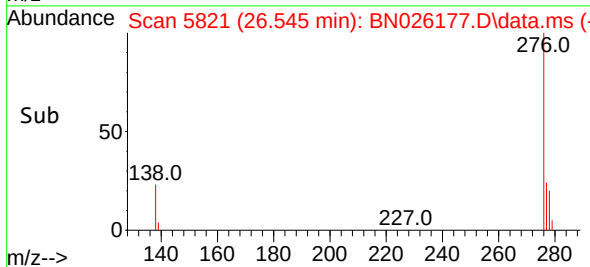
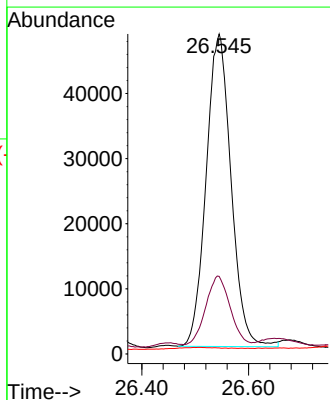
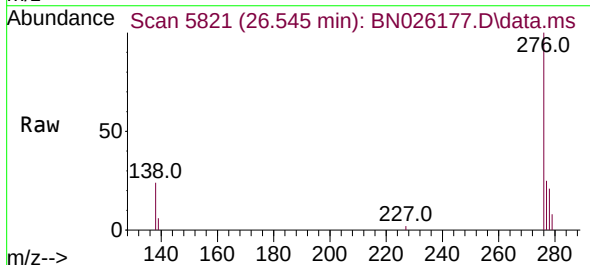
Manual Integrations
APPROVED

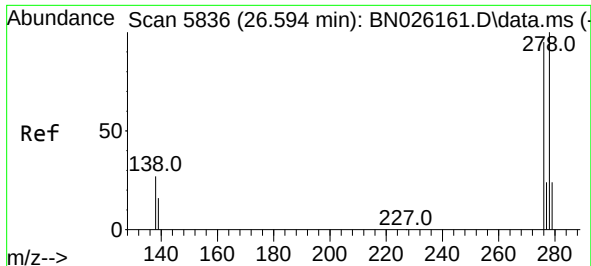
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.243 ng/ul
RT: 26.545 min Scan# 5821
Delta R.T. -0.013 min
Lab File: BN026177.D
Acq: 02 Jul 2023 07:14

Tgt Ion:276 Resp: 155313
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: 0.704 ng/ul

RT: 26.548 min Scan# 51

Delta R.T. -0.030 min

Lab File: BN026177.D

Acq: 02 Jul 2023 07:14

Instrument :

BNA_N

ClientSampleId :

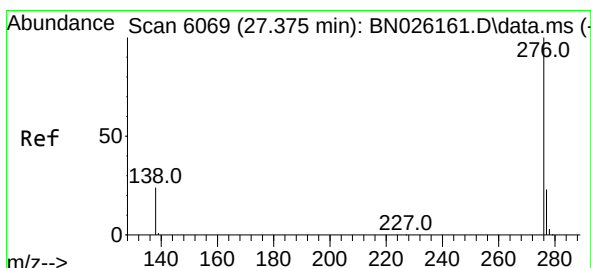
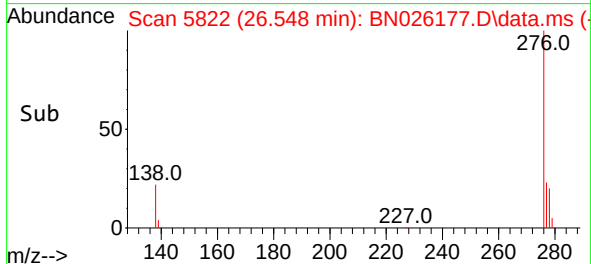
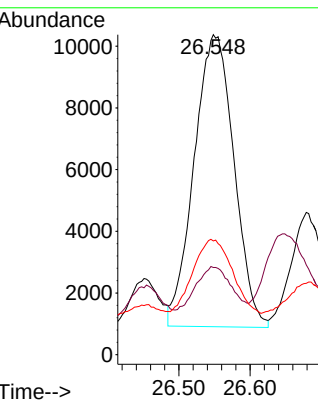
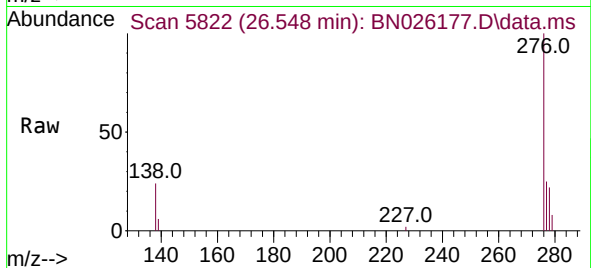
DCGH7

Tgt Ion:278 Resp: 36884
 Ion Ratio Lower Upper
 278 100
 139 27.2 19.0 28.4
 279 35.6 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023



#29

Benzo(g,h,i)perylene

Concen: 2.315 ng/ul

RT: 27.336 min Scan# 6057

Delta R.T. -0.010 min

Lab File: BN026177.D

Acq: 02 Jul 2023 07:14

Tgt Ion:276 Resp: 142624
 Ion Ratio Lower Upper
 276 100
 138 24.4 23.4 35.0
 277 24.6 20.0 30.0

