

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026208.D
 Acq On : 03 Jul 2023 03:22
 Operator : MA/JU
 Sample : 03244-14
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/03/2023
 Supervised By :Sohil Jodhani 07/04/2023

Quant Time: Jul 03 06:29:21 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	7.950	152	8231	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.765	136	25127	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.598	164	14770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	27502	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	14729	0.400	ng/ul	# 0.00
23) Perylene-d12	23.996	264	17174	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	24432	2.636	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	7497	0.194	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	12641	0.225	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.814	128	39427	0.547	ng/ul	99
7) 2-Methylnaphthalene	12.425	142	15010	0.327	ng/ul	97
8) 1-Methylnaphthalene	12.645	142	9492	0.200	ng/ul	99
10) Acenaphthylene	14.320	152	99786	1.443	ng/ul	99
11) Acenaphthene	14.658	153	11758	0.208	ng/ul	99
12) Fluorene	15.643	166	10669	0.164	ng/ul#	98
15) Phenanthrene	17.389	178	209776	2.309	ng/ul	99
16) Anthracene	17.478	178	80425	0.996	ng/ul	100
19) Fluoranthene	19.405	202	558840	7.104	ng/ul	97
20) Pyrene	19.768	202	461360	5.638	ng/ul	96
21) Benzo(a)anthracene	21.517	228	237294	3.905	ng/ul	95
22) Chrysene	21.573	228	255313	4.038	ng/ul#	95
24) Benzo(b)fluoranthene	23.244	252	481799m	6.573	ng/ul	
25) Benzo(k)fluoranthene	23.288	252	146291m	1.987	ng/ul	
26) Benzo(a)pyrene	23.888	252	293204	4.605	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.557	276	267262	3.843	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.564	278	62577	1.189	ng/ul	99
29) Benzo(g,h,i)perylene	27.359	276	255267	4.127	ng/ul#	93

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

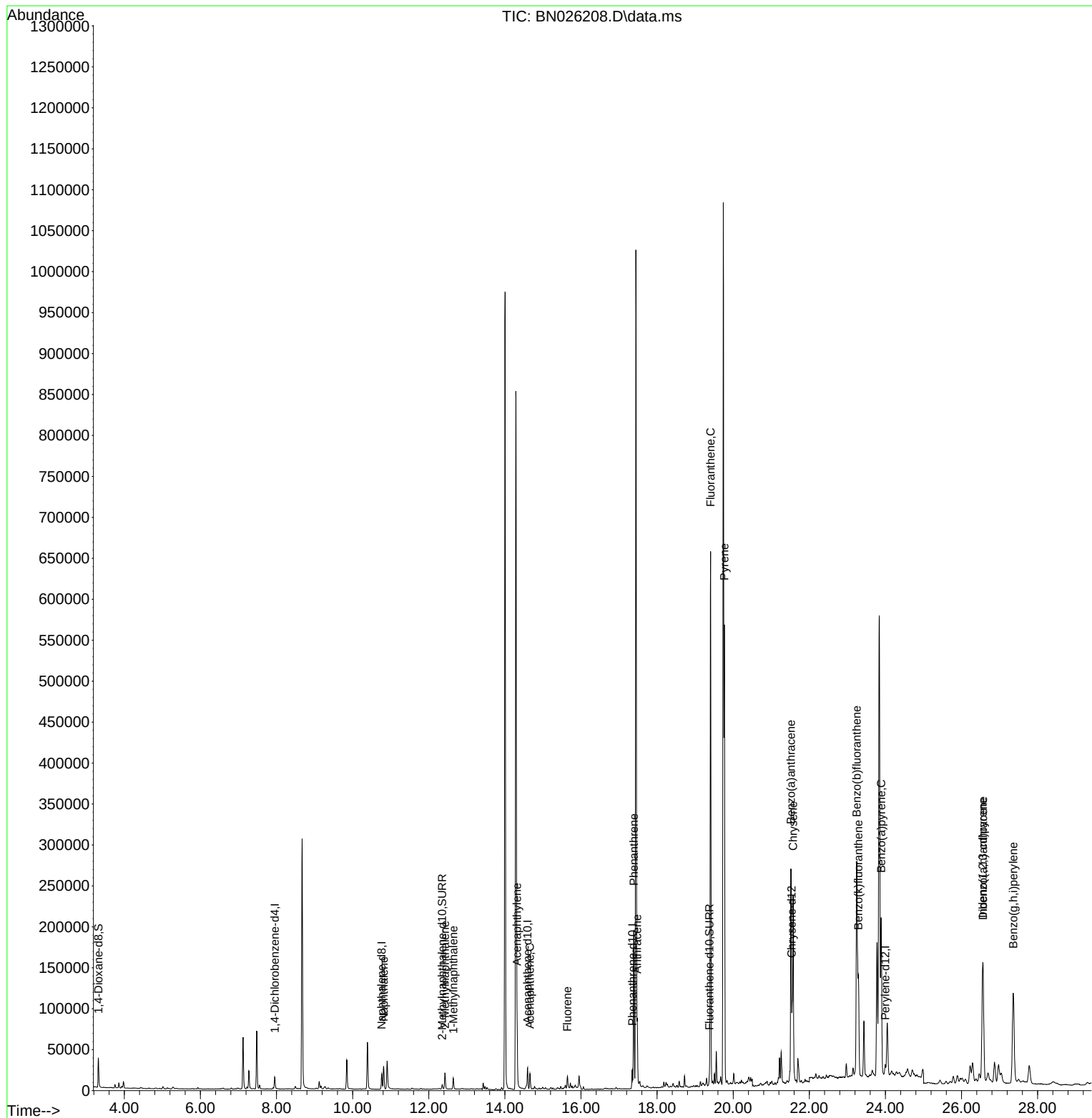
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026208.D
Acq On : 03 Jul 2023 03:22
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Sample : 03244-14
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ALS Vial : 65 Sample Multiplier: 1

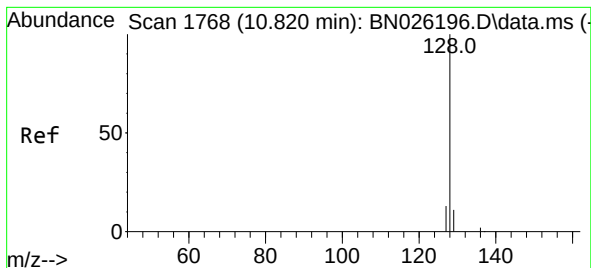
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#5

Naphthalene

Concen: 0.547 ng/ul

RT: 10.814 min Scan# 1767

Delta R.T. -0.011 min

Lab File: BN026208.D

Acq: 03 Jul 2023 03:22

Instrument :

BNA_N

ClientSampleId :

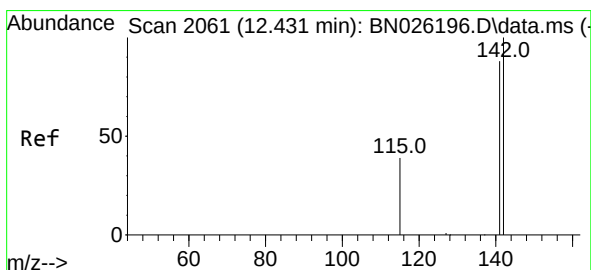
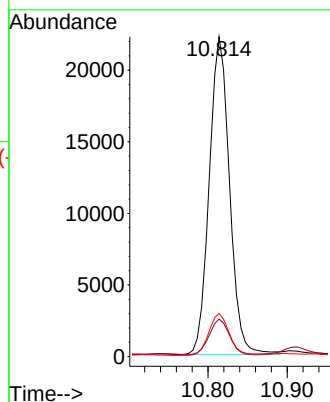
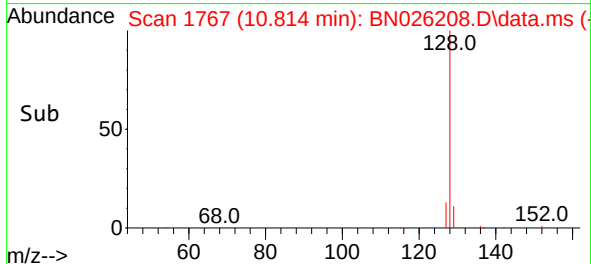
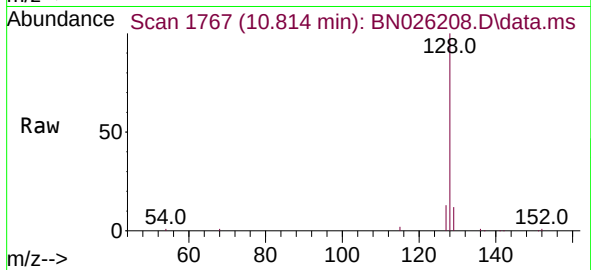
DCGF3

Tgt Ion:	128	Resp:	3942
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.1	13.7
127	13.5	10.7	16.1

Manual Integrations

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#7

2-Methylnaphthalene

Concen: 0.327 ng/ul

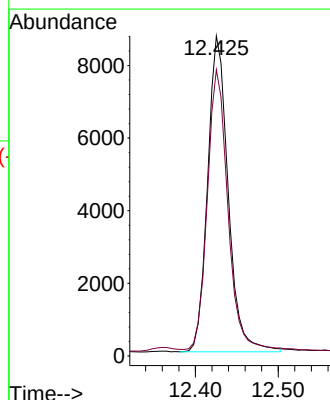
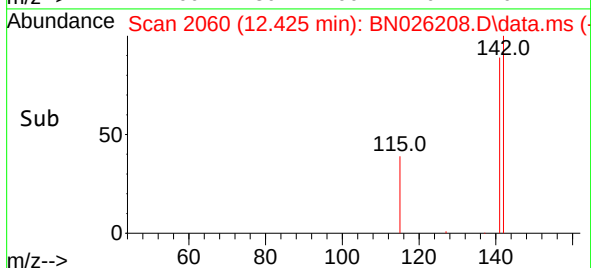
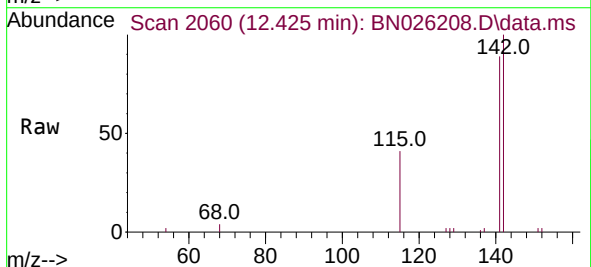
RT: 12.425 min Scan# 2060

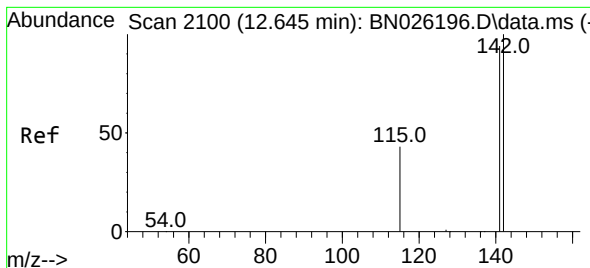
Delta R.T. -0.011 min

Lab File: BN026208.D

Acq: 03 Jul 2023 03:22

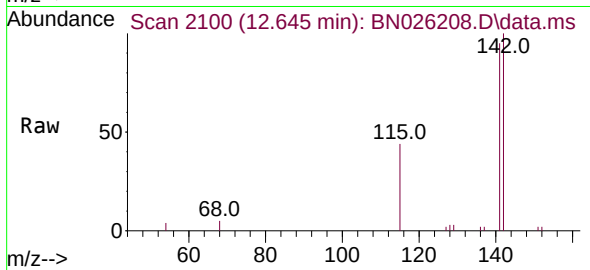
Tgt Ion:	142	Resp:	15010
Ion Ratio	Lower	Upper	
142	100		
141	87.2	71.9	107.9





#8
1-Methylnaphthalene
Concen: 0.200 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

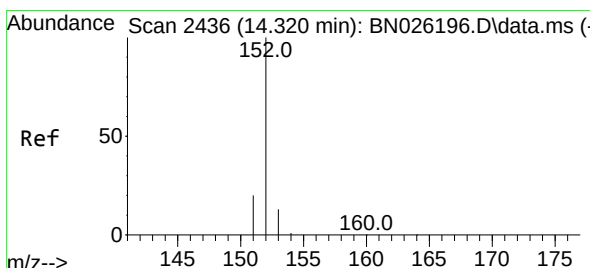
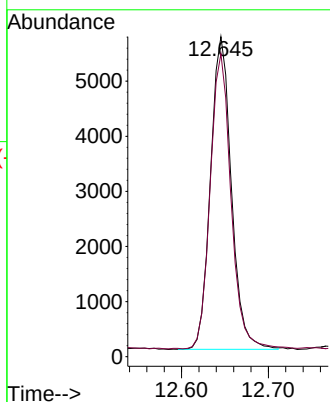
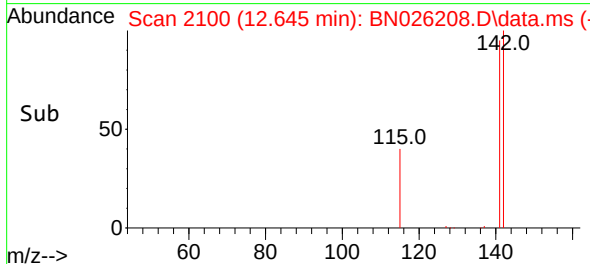
Instrument :
BNA_N
ClientSampleId :
DCGF3



Tgt Ion:142 Resp: 9492
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4

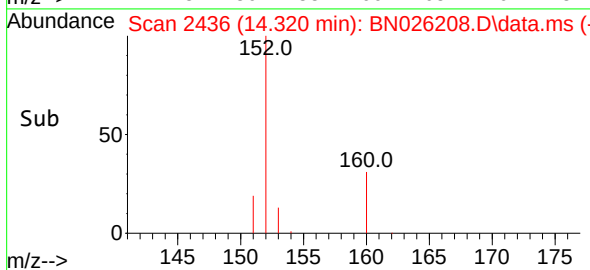
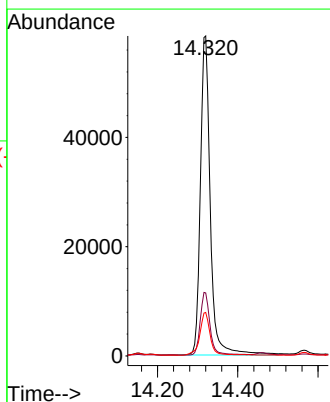
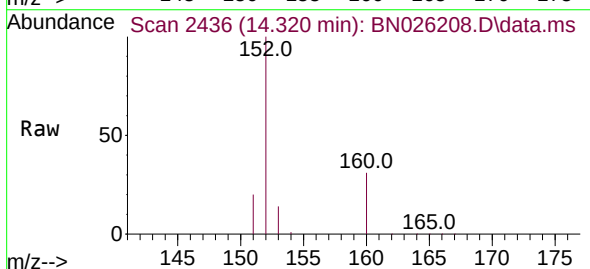
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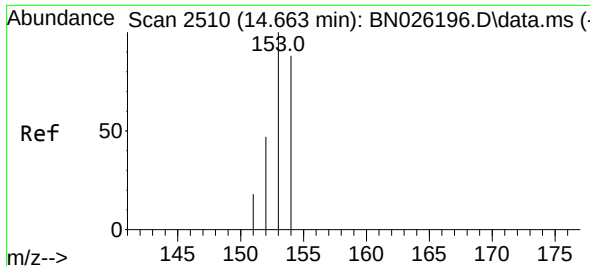
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#10
Acenaphthylene
Concen: 1.443 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

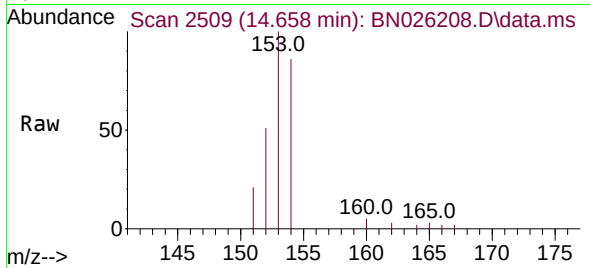
Tgt Ion:152 Resp: 99786
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.4
153 13.6 10.9 16.3





#11
Acenaphthene
Concen: 0.208 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

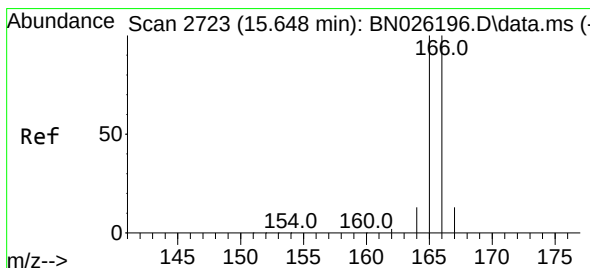
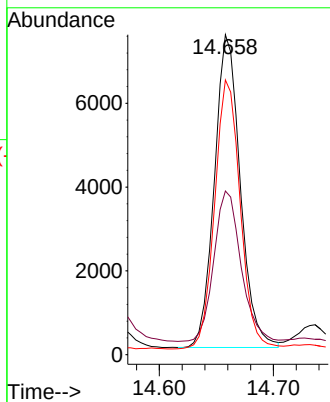
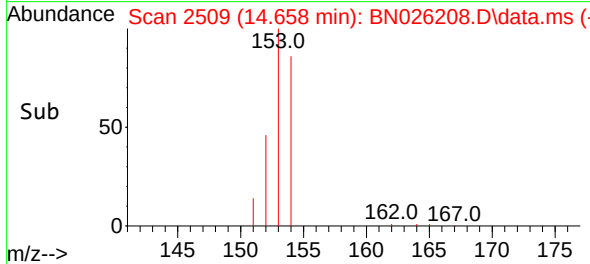
Instrument :
BNA_N
ClientSampleId :
DCGF3



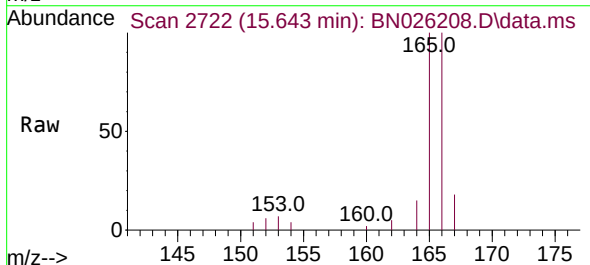
Tgt Ion:153 Resp: 11758
Ion Ratio Lower Upper
153 100
152 51.2 39.4 59.0
154 85.9 68.9 103.3

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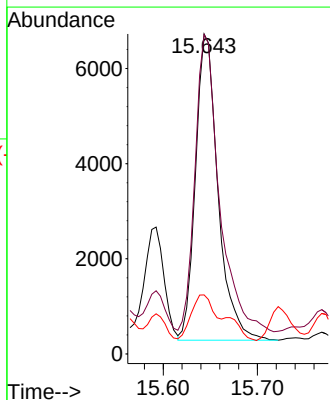
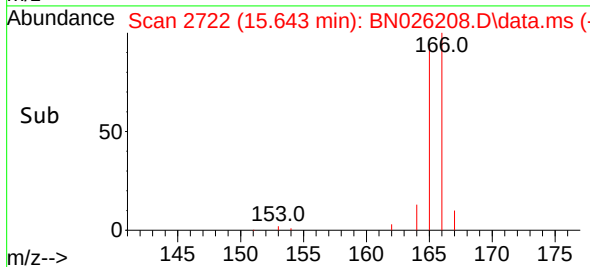
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

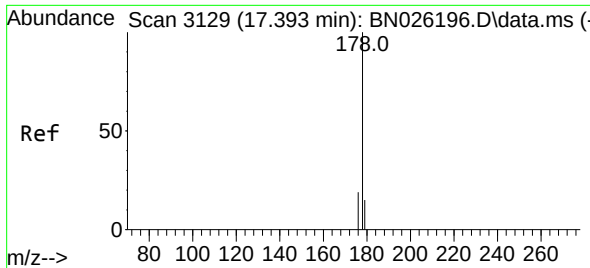


#12
Fluorene
Concen: 0.164 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22



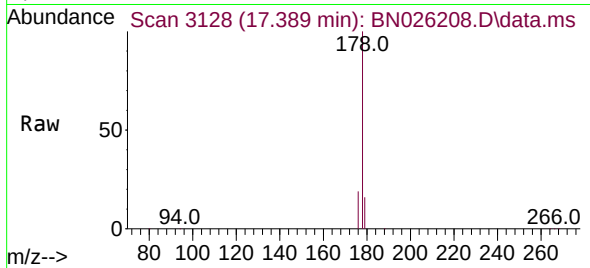
Tgt Ion:166 Resp: 10669
Ion Ratio Lower Upper
166 100
165 99.8 79.9 119.9
167 18.5 10.8 16.2





#15
Phenanthrene
Concen: 2.309 ng/u1
RT: 17.389 min Scan# 3128
Delta R.T. -0.005 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

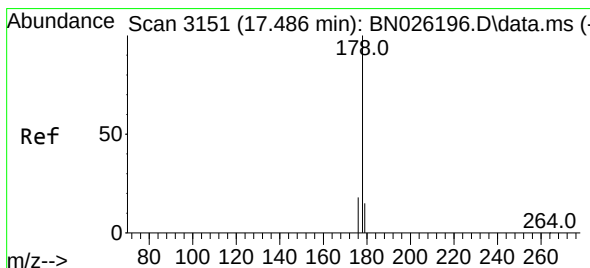
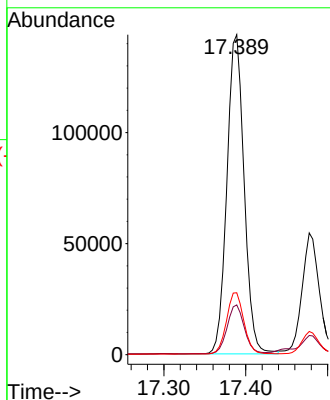
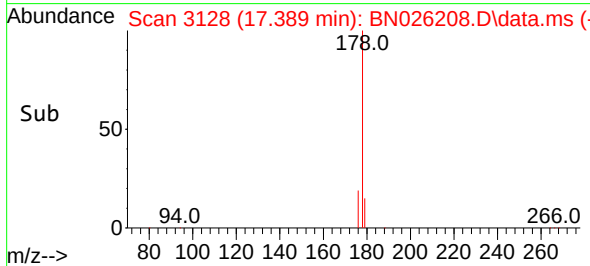
Instrument :
BNA_N
ClientSampleId :
DCGF3



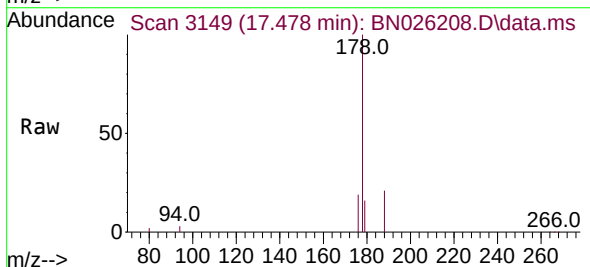
Tgt Ion:178 Resp: 209770
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.4 15.8 23.6

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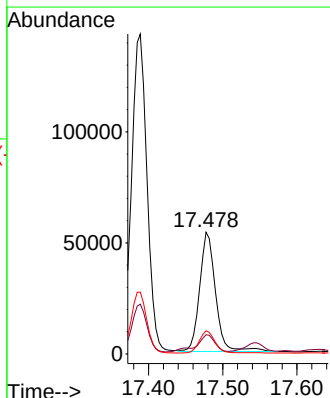
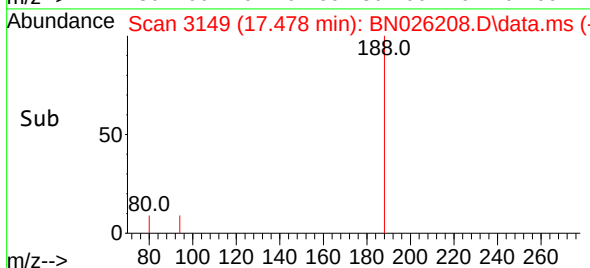
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

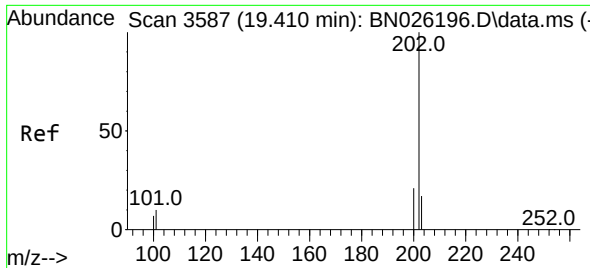


#16
Anthracene
Concen: 0.996 ng/u1
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22



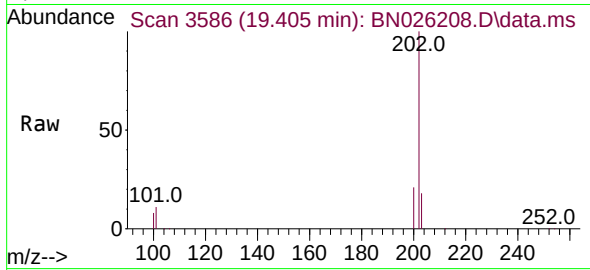
Tgt Ion:178 Resp: 80425
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.1 15.1 22.7





#19
Fluoranthene
Concen: 7.104 ng/u1
RT: 19.405 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

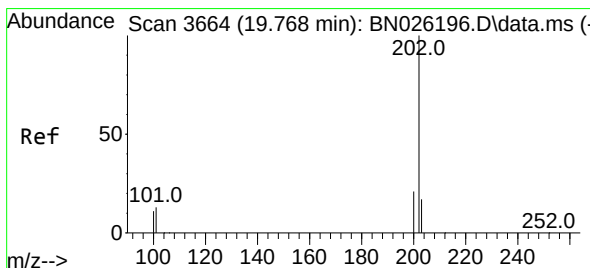
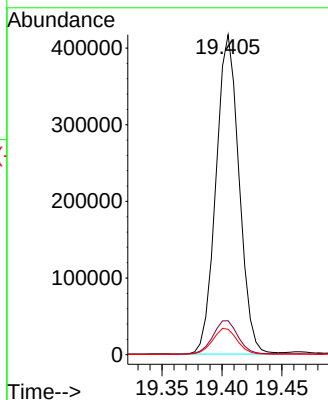
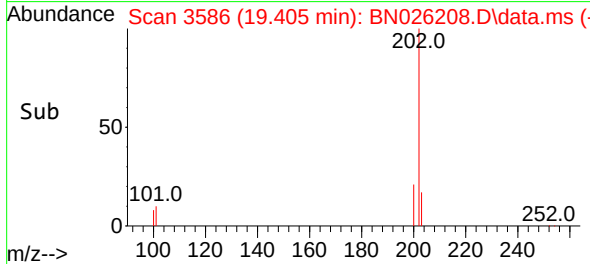
Instrument :
BNA_N
ClientSampleId :
DCGF3



Tgt Ion:202 Resp: 558840
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 7.9 7.3 10.9

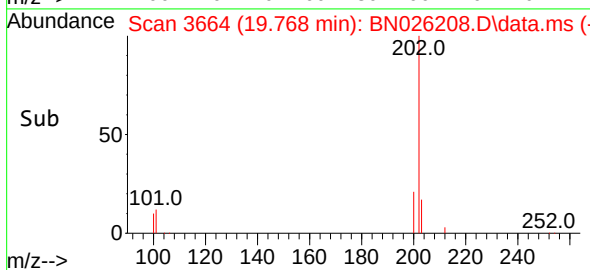
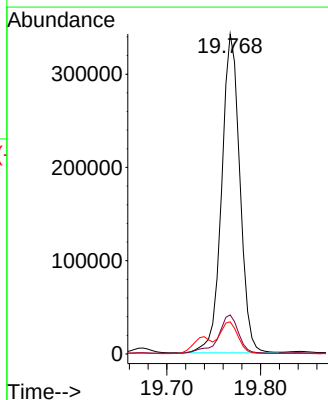
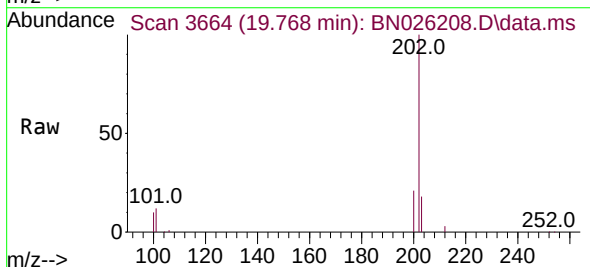
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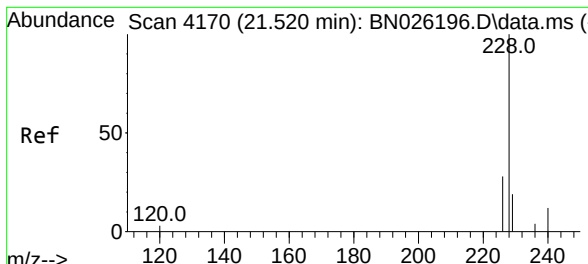
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#20
Pyrene
Concen: 5.638 ng/u1
RT: 19.768 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:202 Resp: 461360
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
 Benzo(a)anthracene
 Concen: 3.905 ng/u1
 RT: 21.517 min Scan# 4169
 Delta R.T. -0.010 min
 Lab File: BN026208.D
 Acq: 03 Jul 2023 03:22

Instrument :

BNA_N

ClientSampleId :

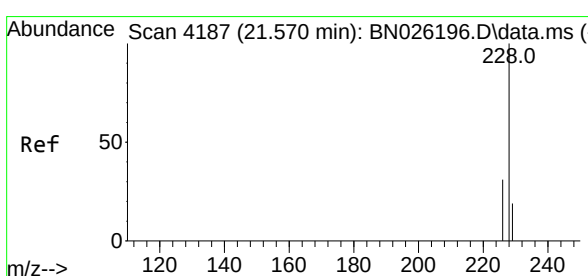
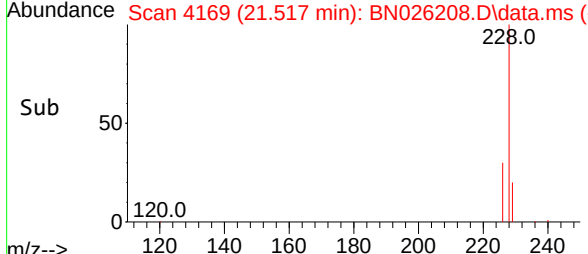
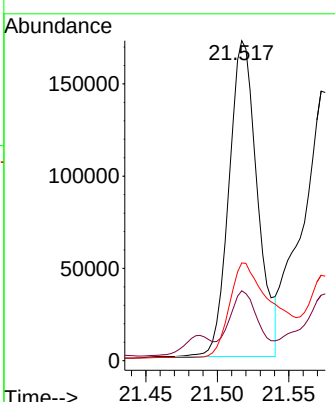
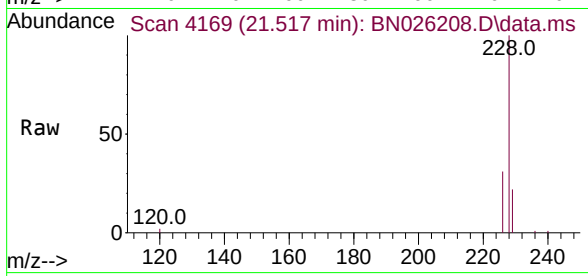
DCGF3

Tgt Ion:228 Resp: 237294

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	30.6	22.5	33.7

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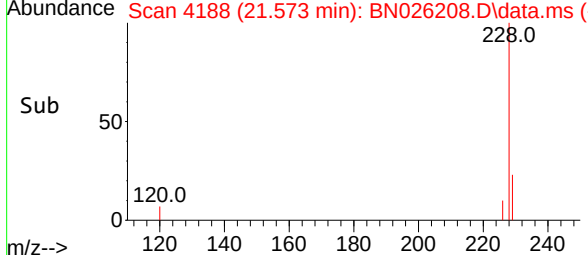
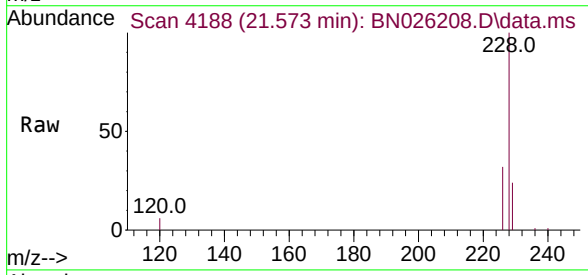
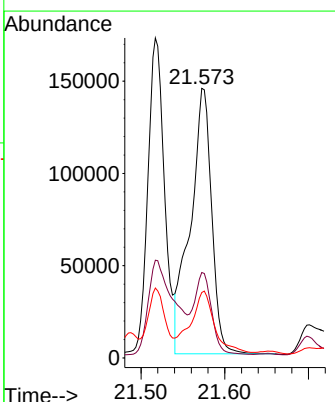
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 Supervised By :Sohil Jodhani 07/04/2023

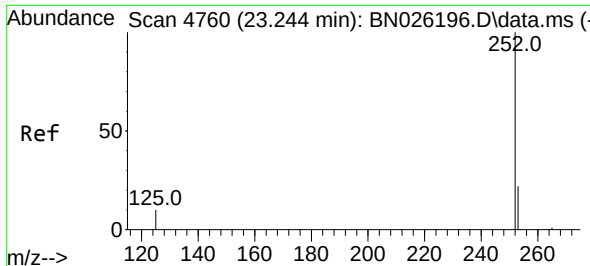


#22
 Chrysene
 Concen: 4.038 ng/u1
 RT: 21.573 min Scan# 4188
 Delta R.T. -0.007 min
 Lab File: BN026208.D
 Acq: 03 Jul 2023 03:22

Tgt Ion:228 Resp: 255313

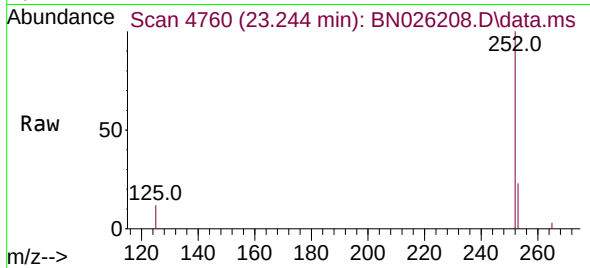
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.8	37.2
229	24.3	15.7	23.5





#24
Benzo(b)fluoranthene
Concen: 6.573 ng/ul m
RT: 23.244 min Scan# 4760
Delta R.T. 0.002 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

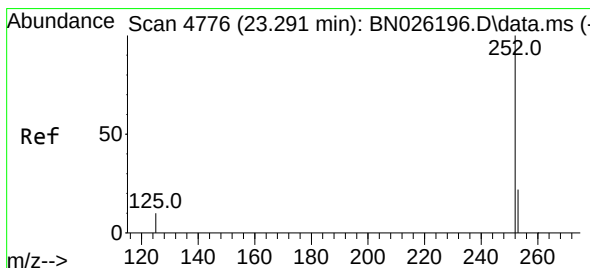
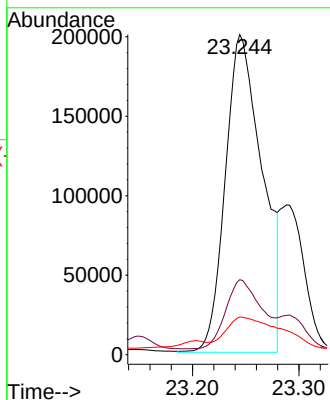
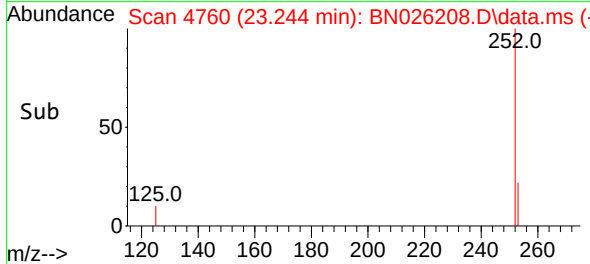
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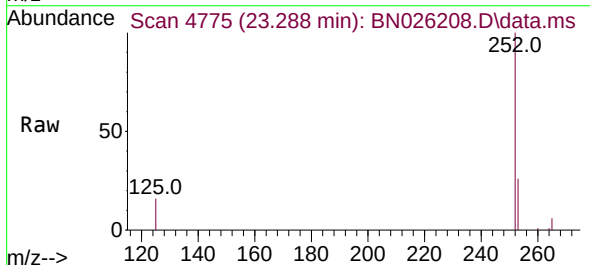
Tgt Ion:252 Resp: 481799
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 11.8 0.0 35.8

Manual Integrations
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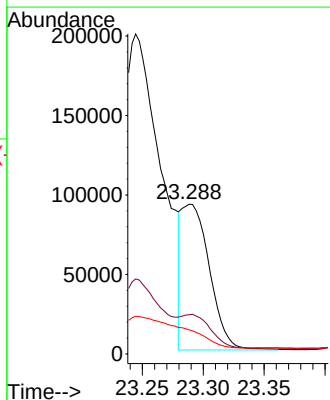
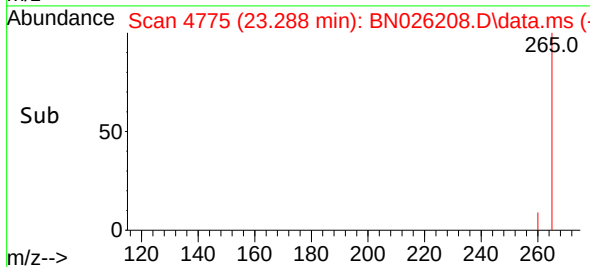
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023

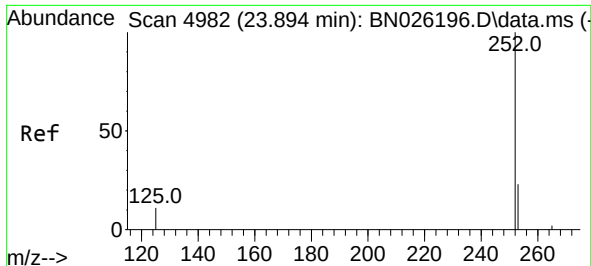


#25
Benzo(k)fluoranthene
Concen: 1.987 ng/ul m
RT: 23.288 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22



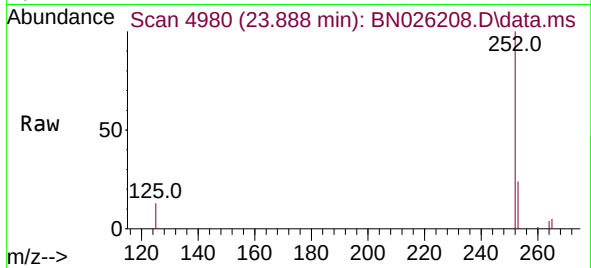
Tgt Ion:252 Resp: 146291
Ion Ratio Lower Upper
252 100
253 26.2 23.2 34.8
125 16.2 15.0 22.4





#26
Benzo(a)pyrene
Concen: 4.605 ng/ul
RT: 23.888 min Scan# 4982
Delta R.T. 0.002 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

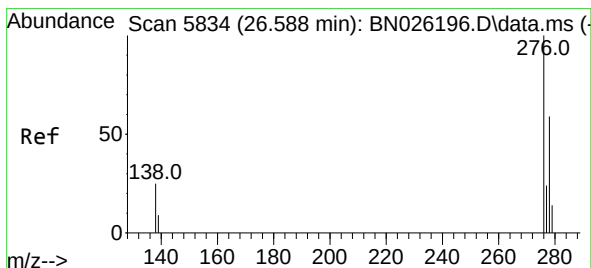
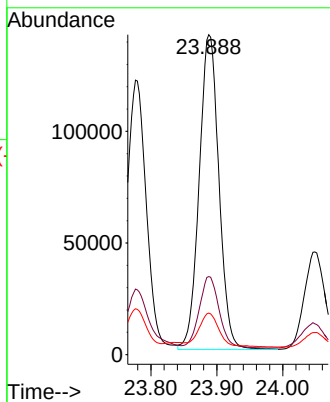
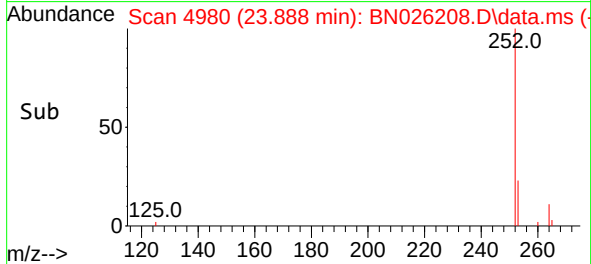
Instrument :
BNA_N
ClientSampleId :
DCGF3



Tgt Ion:252 Resp: 293204
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0
125 13.0 17.3 25.9

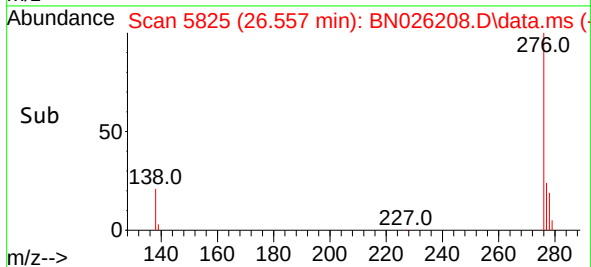
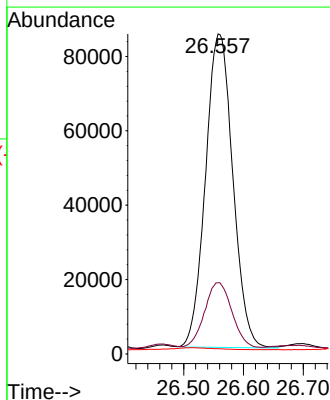
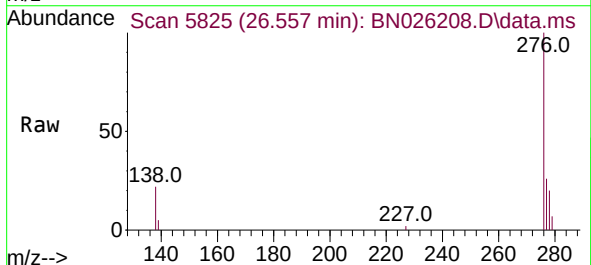
Manual Integrations
APPROVED

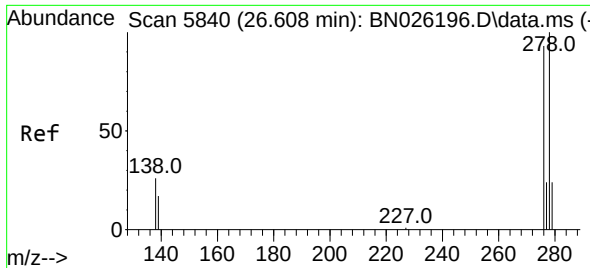
Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.843 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.001 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Tgt Ion:276 Resp: 267262
Ion Ratio Lower Upper
276 100
138 21.1 24.5 36.7
227 0.0 0.0 0.0





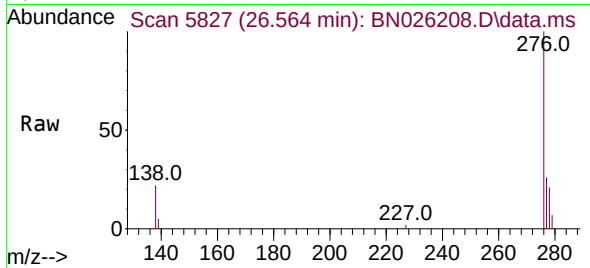
#28
Dibenzo(a,h)anthracene
Concen: 1.189 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.014 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22

Instrument :

BNA_N

ClientSampleId :

DCGF3

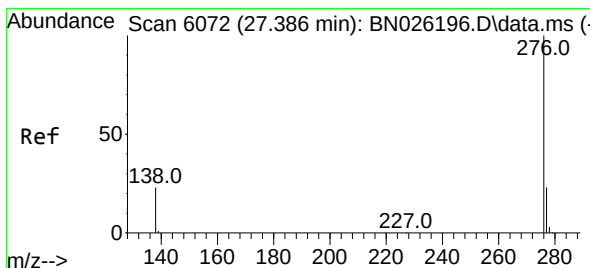
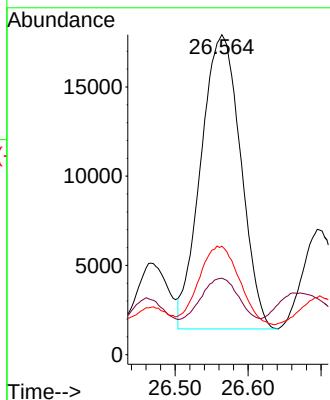
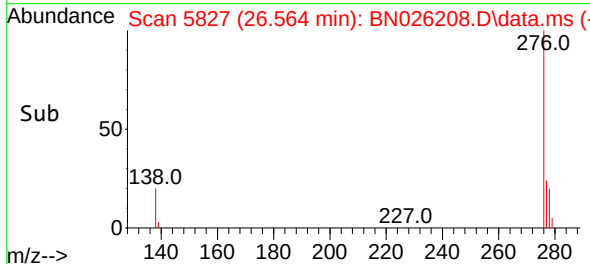


Tgt Ion:278 Resp: 6257
Ion Ratio Lower Upper
278 100
139 23.9 19.0 28.4
279 33.9 26.7 40.1

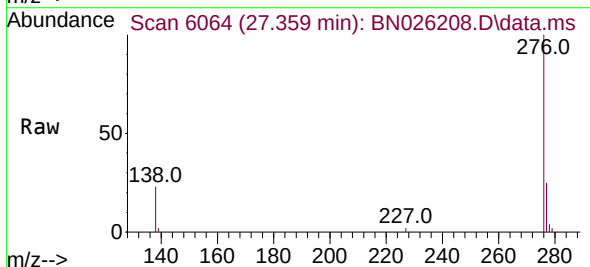
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/03/2023
Supervised By :Sohil Jodhani 07/04/2023



#29
Benzo(g,h,i)perylene
Concen: 4.127 ng/ul
RT: 27.359 min Scan# 6064
Delta R.T. 0.013 min
Lab File: BN026208.D
Acq: 03 Jul 2023 03:22



Tgt Ion:276 Resp: 255267
Ion Ratio Lower Upper
276 100
138 22.9 23.4 35.0#
277 24.7 20.0 30.0

