

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026172.D
 Acq On : 02 Jul 2023 04:13
 Operator : MA/JU
 Sample : 03245-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGH1

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:14:28 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	9741	0.400	ng/ul	0.00
4) Naphthalene-d8	10.765	136	29086	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.598	164	16580	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.343	188	28554	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	18632	0.400	ng/ul	# 0.00
23) Perylene-d12	23.984	264	20658	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.318	96	31883	2.906	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.354	152	8615	0.193	ng/ul	-0.01
18) Fluoranthene-d10	19.373	212	13599	0.192	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.814	128	68323	0.820	ng/ul	100
7) 2-Methylnaphthalene	12.425	142	48036	0.905	ng/ul	100
8) 1-Methylnaphthalene	12.645	142	32281	0.587	ng/ul	99
10) Acenaphthylene	14.316	152	62425	0.804	ng/ul	98
11) Acenaphthene	14.658	153	18586	0.293	ng/ul	98
12) Fluorene	15.643	166	17871	0.245	ng/ul#	95
15) Phenanthrene	17.385	178	497424	5.274	ng/ul	99
16) Anthracene	17.478	178	95457	1.139	ng/ul	99
19) Fluoranthene	19.401	202	1228020	12.340	ng/ul	97
20) Pyrene	19.763	202	1026718	9.919	ng/ul	97
21) Benzo(a)anthracene	21.514	228	581690	7.568	ng/ul	97
22) Chrysene	21.570	228	640719	8.011	ng/ul	97
24) Benzo(b)fluoranthene	23.239	252	956996m	10.854	ng/ul	
25) Benzo(k)fluoranthene	23.280	252	328665m	3.712	ng/ul	
26) Benzo(a)pyrene	23.876	252	599866	7.833	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.537	276	477355	5.707	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.547	278	121039	1.912	ng/ul	96
29) Benzo(g,h,i)perylene	27.332	276	449637	6.043	ng/ul	94

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

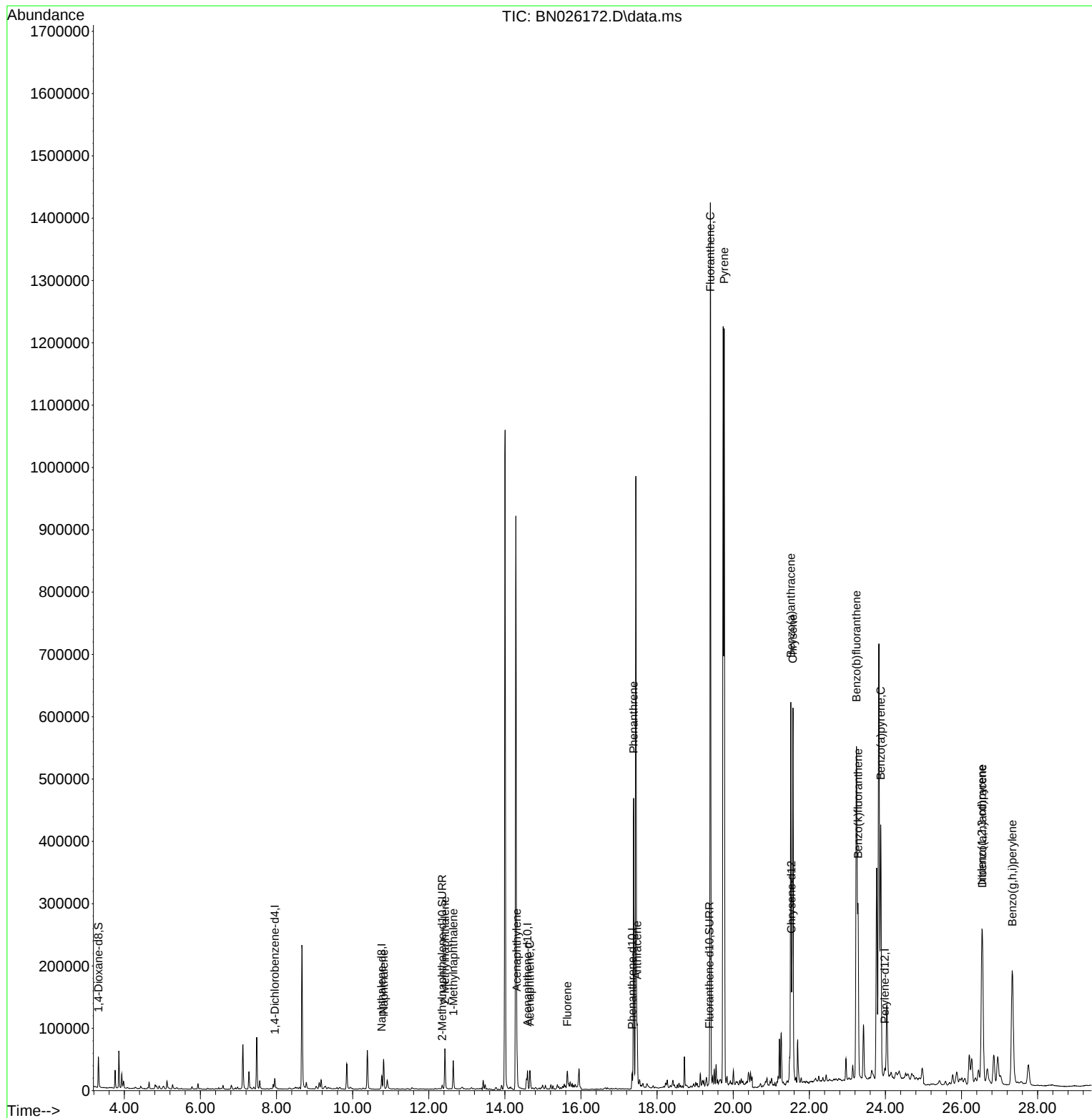
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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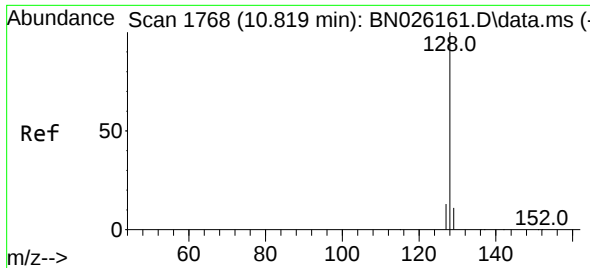
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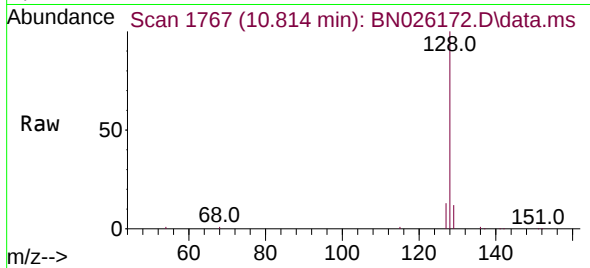
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023





#5
Naphthalene
Concen: 0.820 ng/ul
RT: 10.814 min Scan# 1767
Delta R.T. -0.011 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

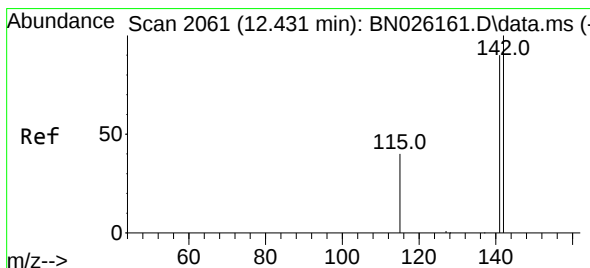
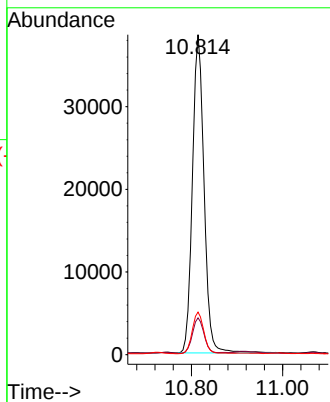
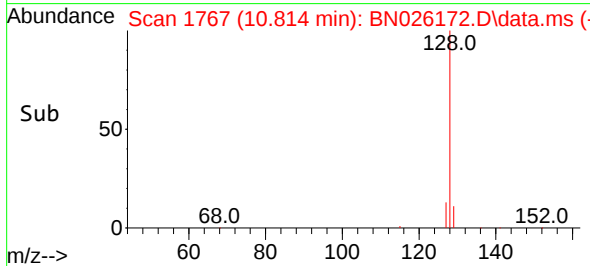
Instrument :
BNA_N
ClientSampleId :
DCGH1



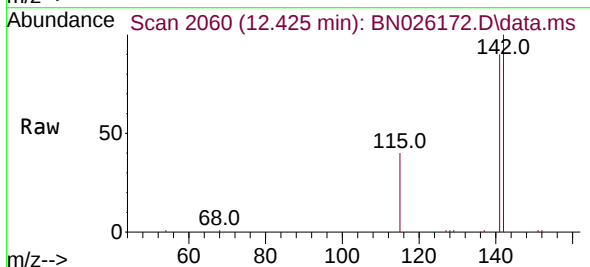
Tgt Ion:128 Resp: 6832
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.3 10.7 16.1

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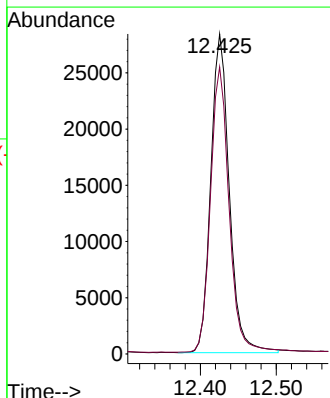
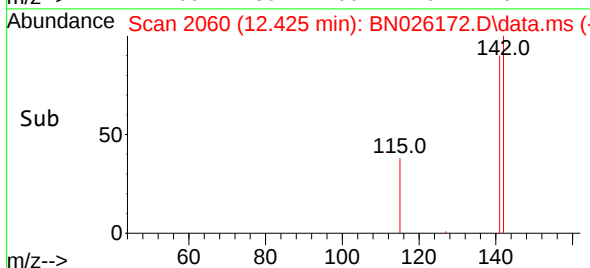
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

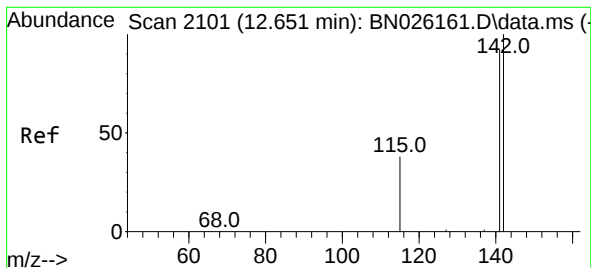


#7
2-Methylnaphthalene
Concen: 0.905 ng/ul
RT: 12.425 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13



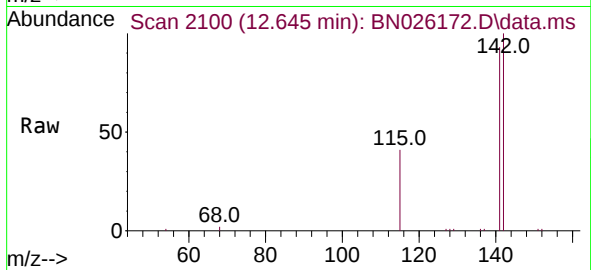
Tgt Ion:142 Resp: 48036
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.587 ng/ul
RT: 12.645 min Scan# 2100
Delta R.T. -0.005 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

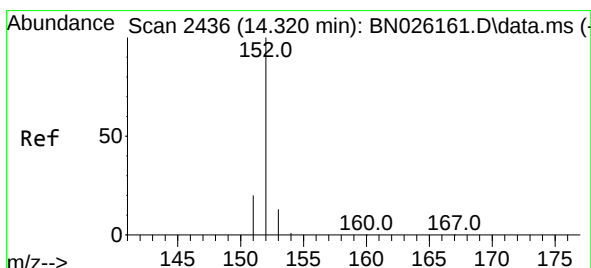
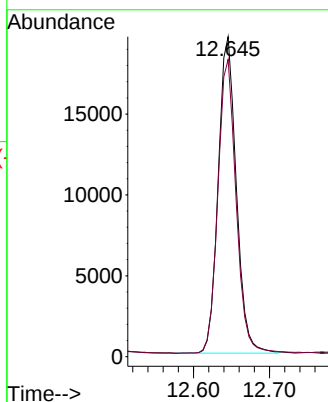
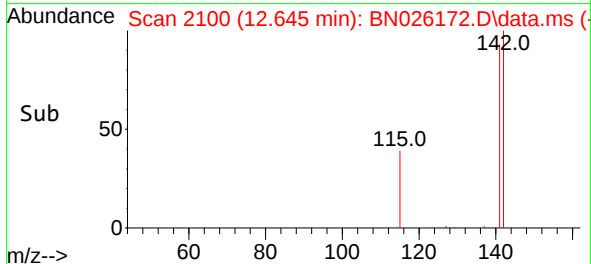
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 3228
Ion Ratio Lower Upper
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141 93.5 74.2 111.4

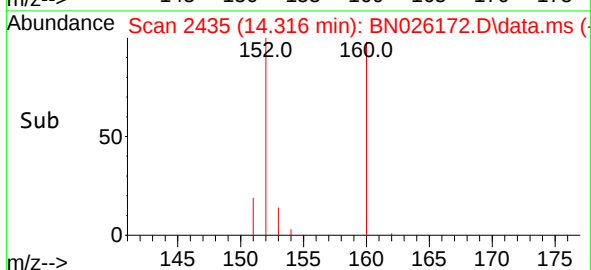
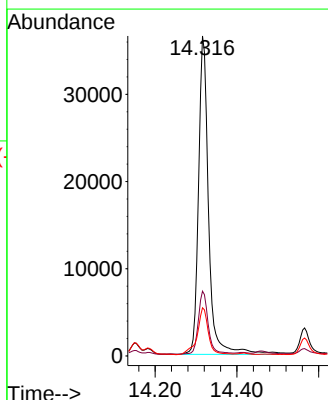
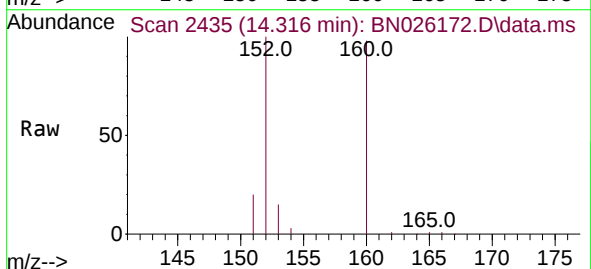
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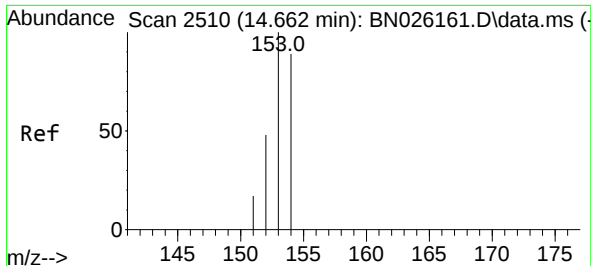
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.804 ng/ul
RT: 14.316 min Scan# 2435
Delta R.T. -0.010 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

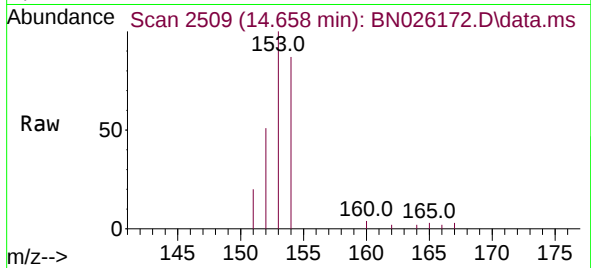
Tgt Ion:152 Resp: 62425
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.658 min Scan# 2509
Delta R.T. -0.010 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

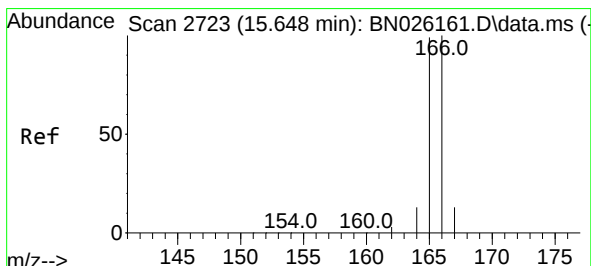
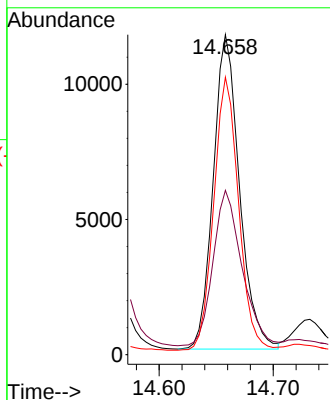
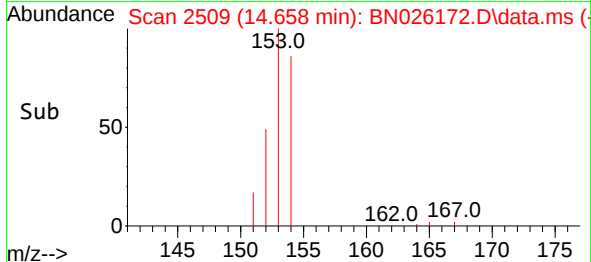
Instrument :
BNA_N
ClientSampleId :
DCGH1



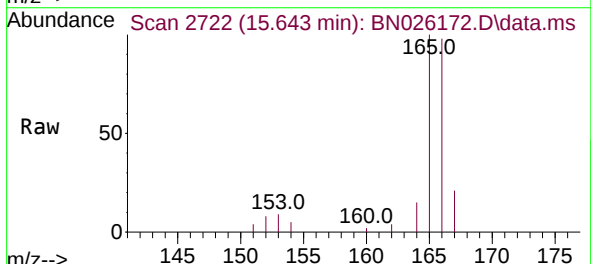
Tgt Ion:153 Resp: 18580
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.0
154 86.7 68.9 103.3

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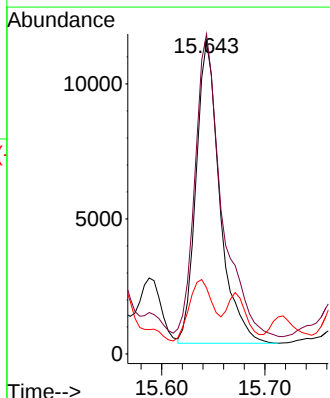
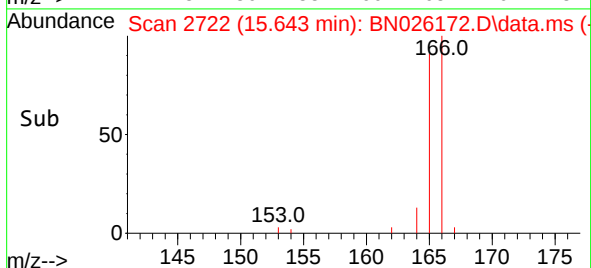
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

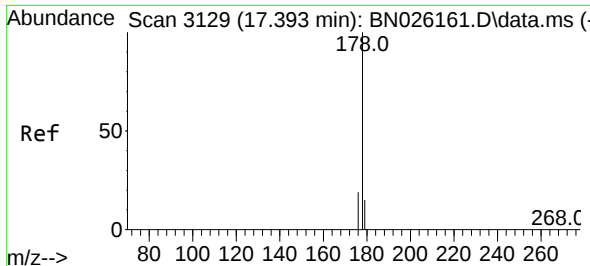


#12
Fluorene
Concen: 0.245 ng/ul
RT: 15.643 min Scan# 2722
Delta R.T. -0.010 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13



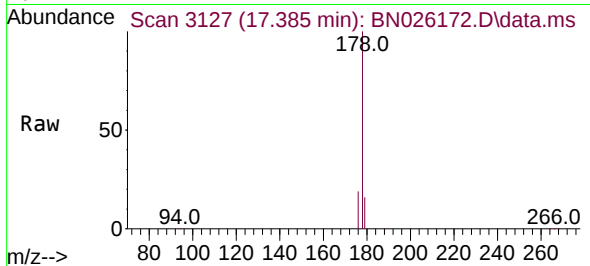
Tgt Ion:166 Resp: 17871
Ion Ratio Lower Upper
166 100
165 102.5 79.9 119.9
167 21.2 10.8 16.2#





#15
Phenanthrene
Concen: 5.274 ng/ul
RT: 17.385 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

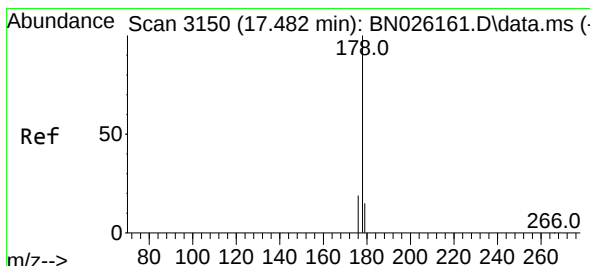
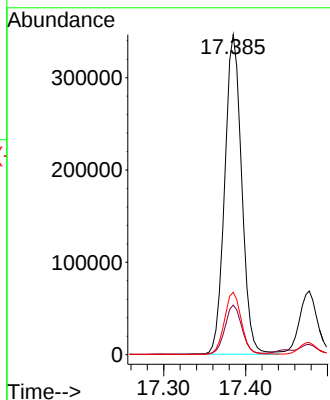
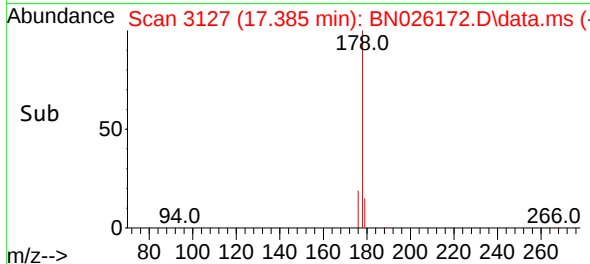
Instrument :
BNA_N
ClientSampleId :
DCGH1



Tgt Ion:178 Resp: 497424
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.8 23.6

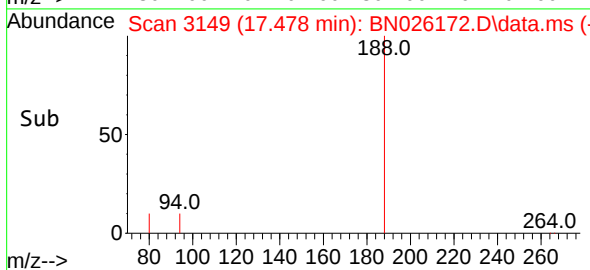
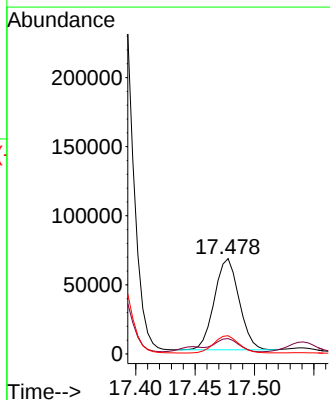
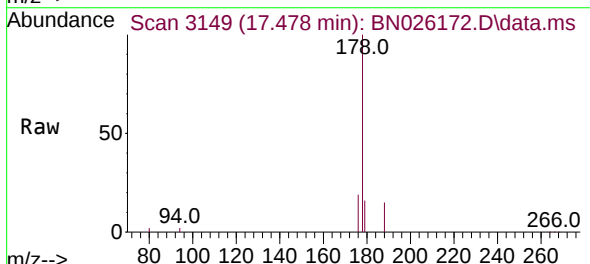
Manual Integrations
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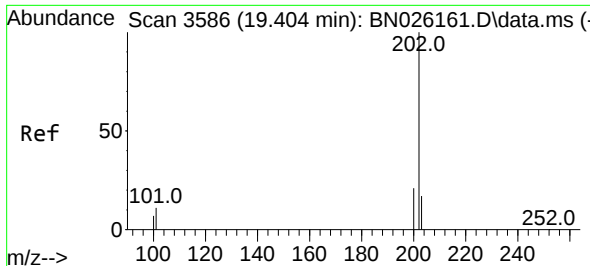
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 1.139 ng/ul
RT: 17.478 min Scan# 3149
Delta R.T. -0.009 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

Tgt Ion:178 Resp: 95457
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 19.1 15.1 22.7





#19

Fluoranthene

Concen: 12.340 ng/u1

RT: 19.401 min Scan# 3586

Delta R.T. -0.010 min

Lab File: BN026172.D

Acq: 02 Jul 2023 04:13

Instrument :

BNA_N

ClientSampleId :

DCGH1

Tgt Ion:202 Resp: 1228020

Ion Ratio Lower Upper

202 100

101 10.9 9.5 14.3

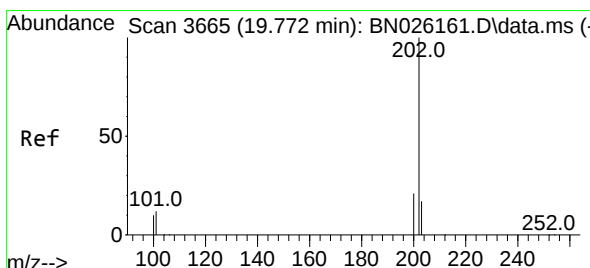
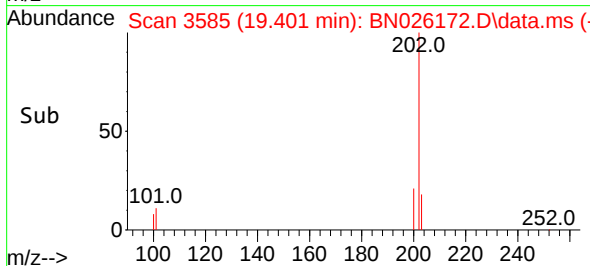
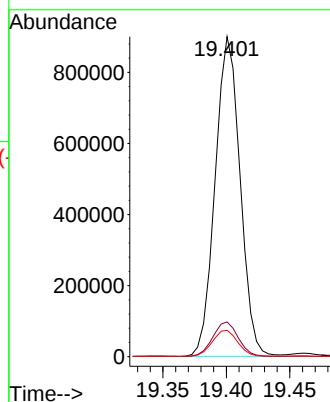
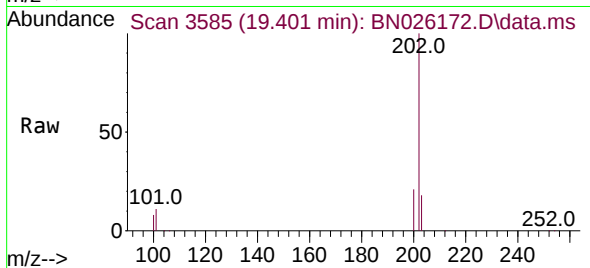
100 8.3 7.3 10.9

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023

Supervised By :Sohil Jodhani 07/02/2023



#20

Pyrene

Concen: 9.919 ng/u1

RT: 19.763 min Scan# 3663

Delta R.T. -0.010 min

Lab File: BN026172.D

Acq: 02 Jul 2023 04:13

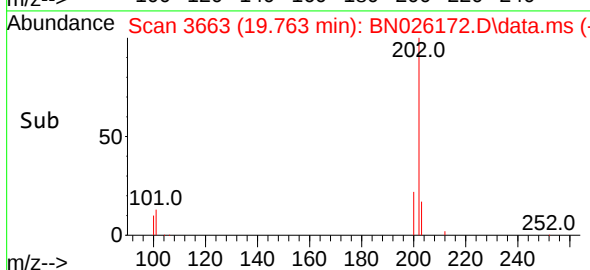
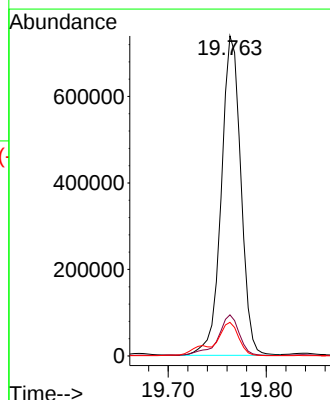
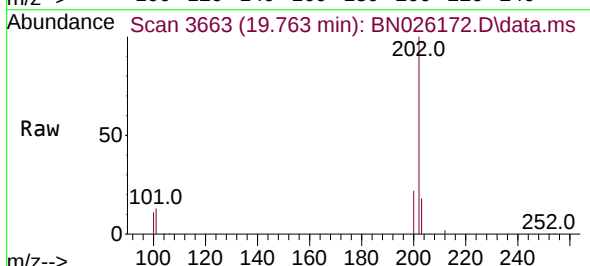
Tgt Ion:202 Resp: 1026718

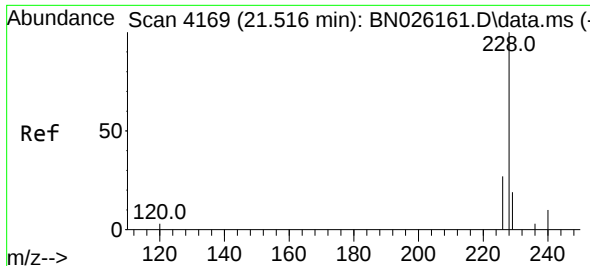
Ion Ratio Lower Upper

202 100

101 12.9 11.4 17.0

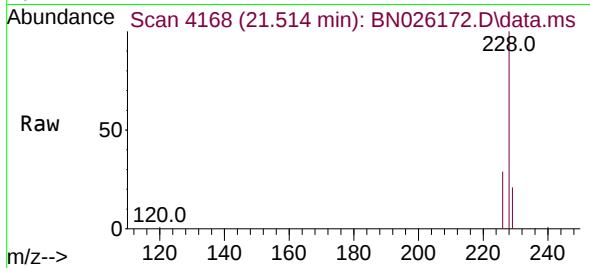
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 7.568 ng/ul
RT: 21.514 min Scan# 4169
Delta R.T. -0.012 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

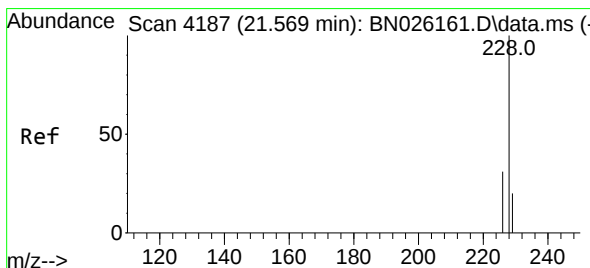
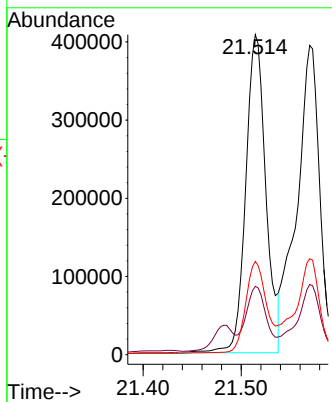
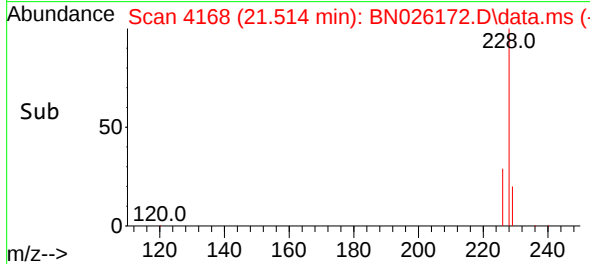
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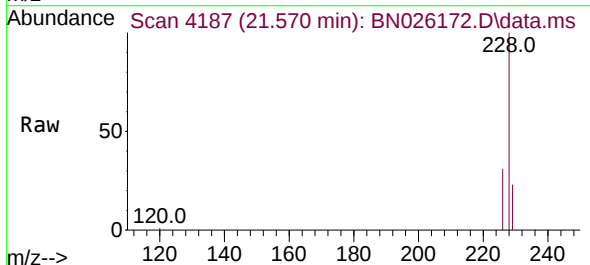
Tgt Ion:228 Resp: 581690
Ion Ratio Lower Upper
228 100
229 21.4 15.8 23.6
226 29.2 22.5 33.7

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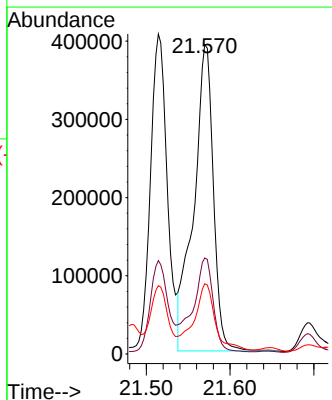
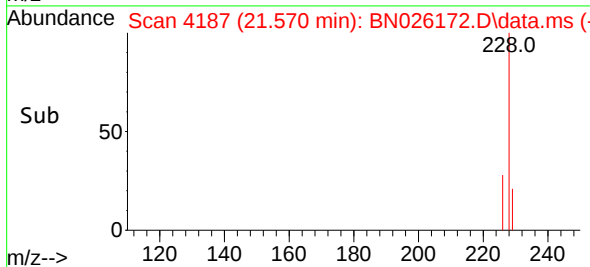
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

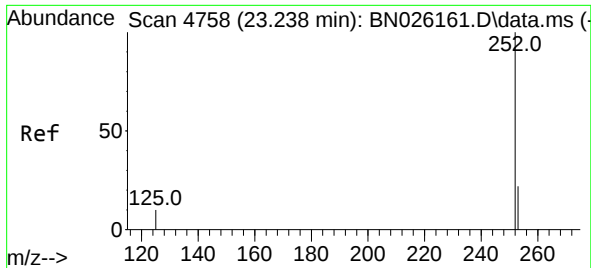


#22
Chrysene
Concen: 8.011 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13



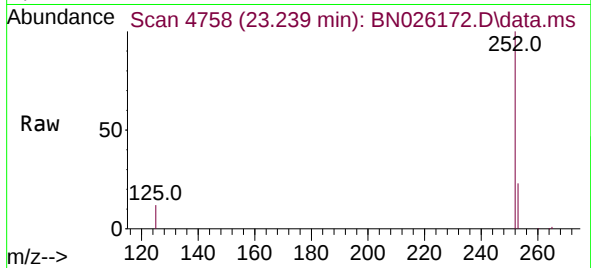
Tgt Ion:228 Resp: 640719
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 10.854 ng/ul m
RT: 23.239 min Scan# 4758
Delta R.T. -0.004 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

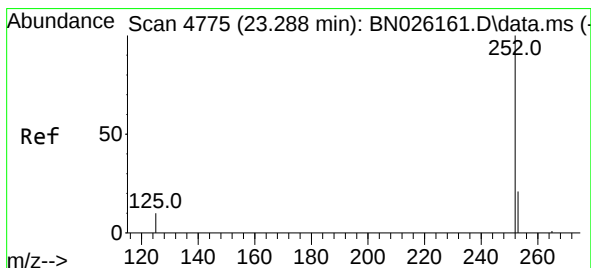
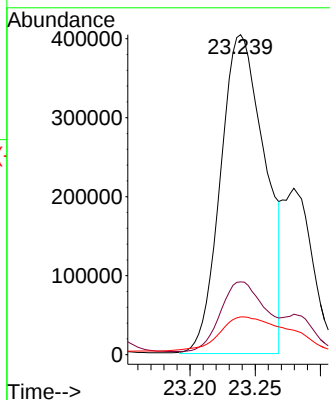
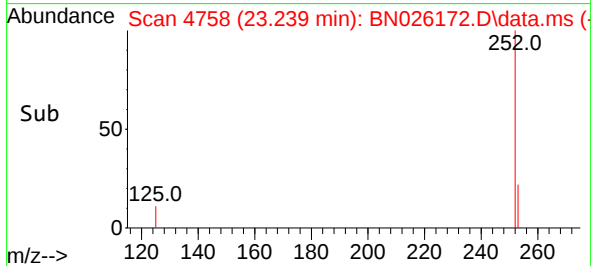
Instrument :
BNA_N
ClientSampleId :
DCGH1



Tgt Ion:252 Resp: 956990
Ion Ratio Lower Upper
252 100
253 22.8 0.0 55.6
125 11.8 0.0 35.8

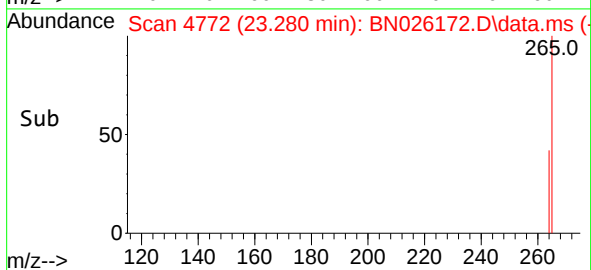
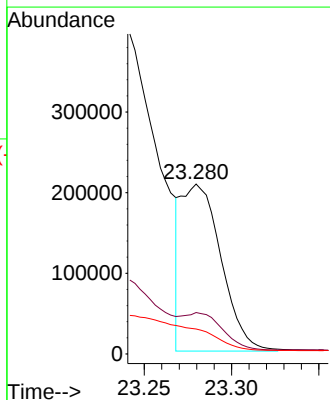
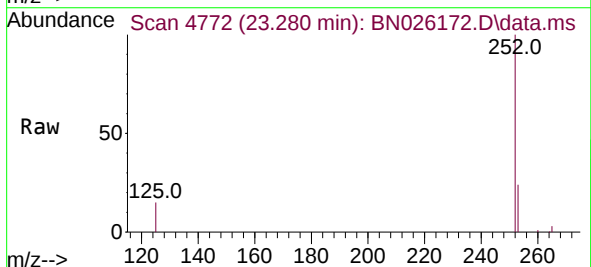
Manual Integrations
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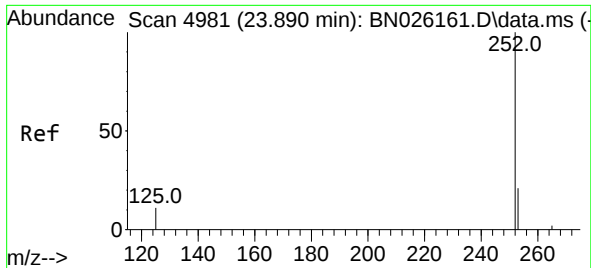
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 3.712 ng/ul m
RT: 23.280 min Scan# 4772
Delta R.T. -0.012 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

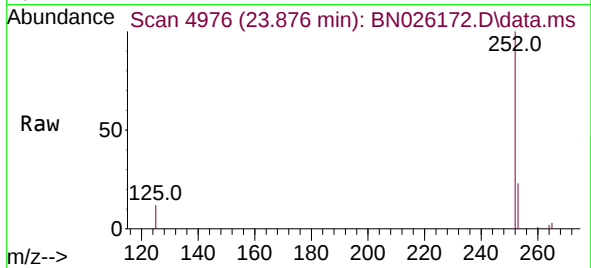
Tgt Ion:252 Resp: 328665
Ion Ratio Lower Upper
252 100
253 24.4 23.2 34.8
125 14.7 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 7.833 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.009 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

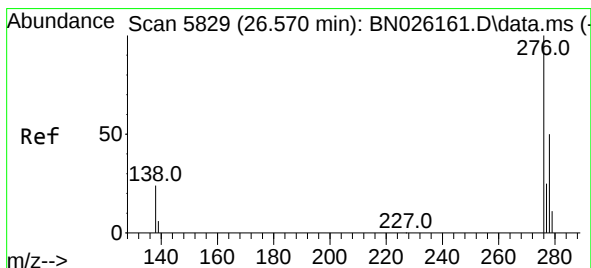
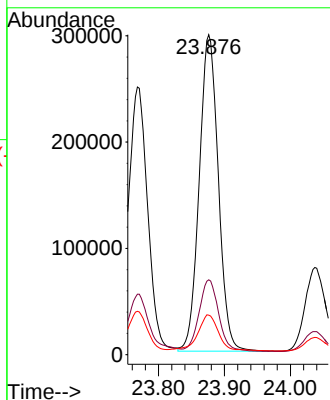
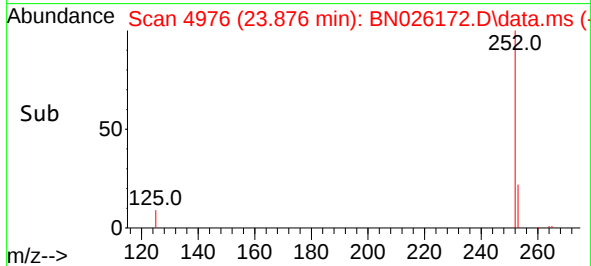
Instrument :
BNA_N
ClientSampleId :
DCGH1



Tgt Ion:252 Resp: 599860
Ion Ratio Lower Upper
252 100
253 23.4 26.0 39.0
125 12.3 17.3 25.9

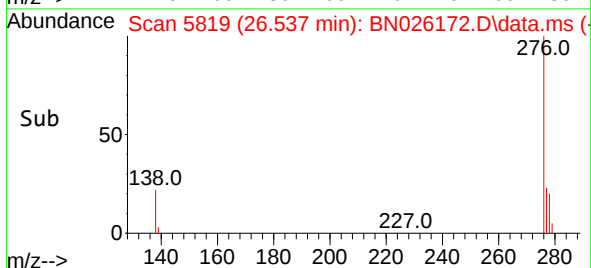
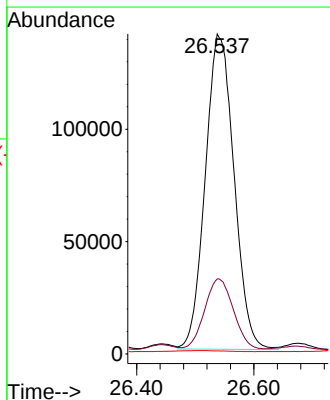
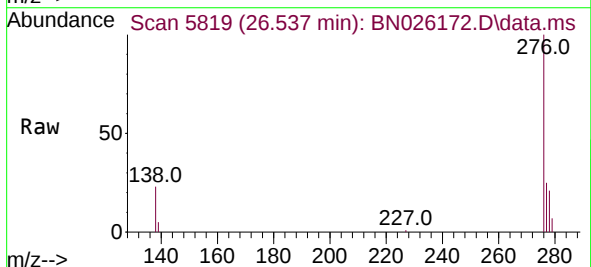
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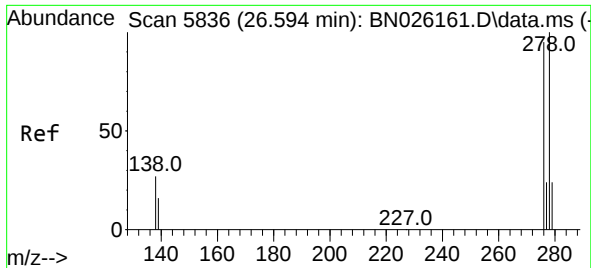
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.707 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.021 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

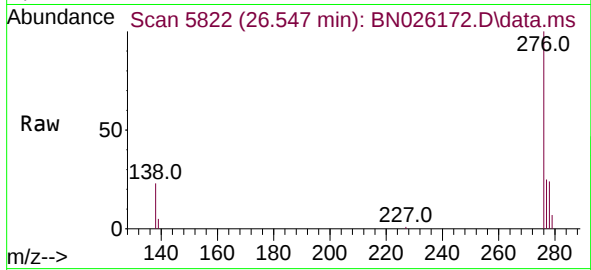
Tgt Ion:276 Resp: 477355
Ion Ratio Lower Upper
276 100
138 22.4 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 1.912 ng/ul
RT: 26.547 min Scan# 5822
Delta R.T. -0.031 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13

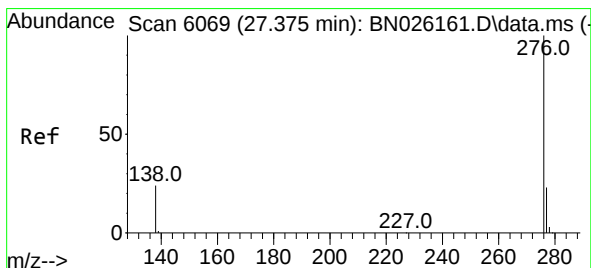
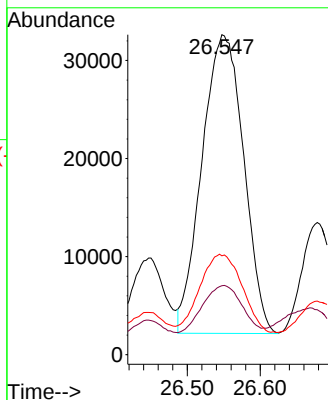
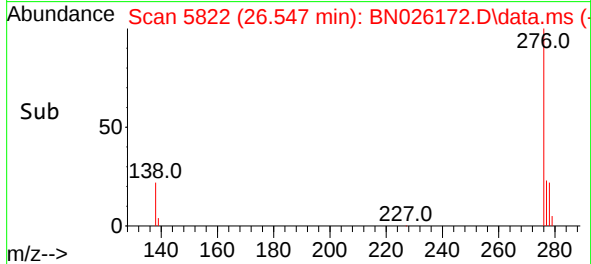
Instrument :
BNA_N
ClientSampleId :
DCGH1



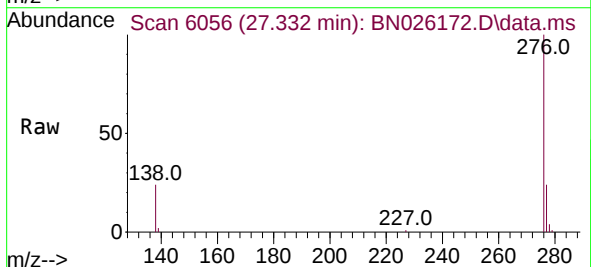
Tgt Ion:278 Resp: 121039
Ion Ratio Lower Upper
278 100
139 21.6 19.0 28.4
279 30.9 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 6.043 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. -0.014 min
Lab File: BN026172.D
Acq: 02 Jul 2023 04:13



Tgt Ion:276 Resp: 449637
Ion Ratio Lower Upper
276 100
138 23.8 23.4 35.0
277 24.4 20.0 30.0

