

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026090.D
 Acq On : 29 Jun 2023 12:02
 Operator : MA/JU
 Sample : 03142-18RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFT5RE

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 00:43:13 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 : Wed Jun 28 22:47:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.968	152	7598	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	25111	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14707	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	29285	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	15499	0.400	ng/ul	# 0.00
23) Perylene-d12	24.005	264	15540	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.327	96	8045	0.940	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	2413	0.062	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	4600	0.078	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.825	128	7935	0.110	ng/ul	97
7) 2-Methylnaphthalene	12.437	142	5013	0.109	ng/ul	100
8) 1-Methylnaphthalene	12.656	142	3669	0.077	ng/ul	99
10) Acenaphthylene	14.325	152	4281	0.062	ng/ul#	90
11) Acenaphthene	14.667	153	5658	0.100	ng/ul	99
12) Fluorene	15.653	166	4312	0.067	ng/ul#	97
15) Phenanthrene	17.393	178	89735	0.928	ng/ul	99
16) Anthracene	17.482	178	16544	0.192	ng/ul	94
19) Fluoranthene	19.410	202	193750	2.340	ng/ul	97
20) Pyrene	19.772	202	159858	1.857	ng/ul	96
21) Benzo(a)anthracene	21.523	228	69103	1.081	ng/ul	96
22) Chrysene	21.576	228	80575	1.211	ng/ul#	95
24) Benzo(b)fluoranthene	23.251	252	109882m	1.657	ng/ul	
25) Benzo(k)fluoranthene	23.294	252	35952m	0.540	ng/ul	
26) Benzo(a)pyrene	23.900	252	64375	1.117	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.578	276	55496	0.882	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.588	278	13215	0.277	ng/ul#	81
29) Benzo(g,h,i)perylene	27.383	276	55077	0.984	ng/ul	97

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

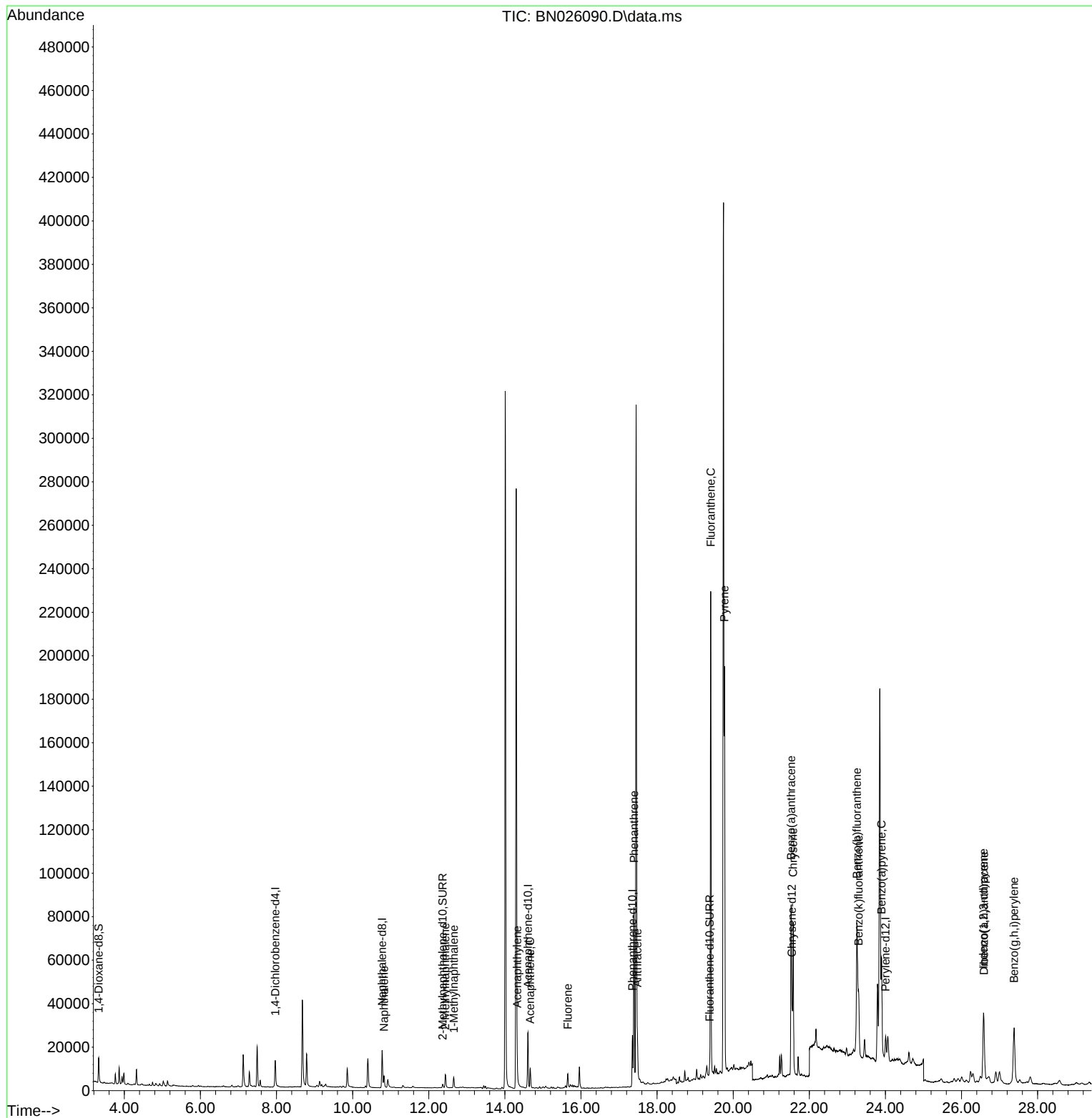
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026090.D
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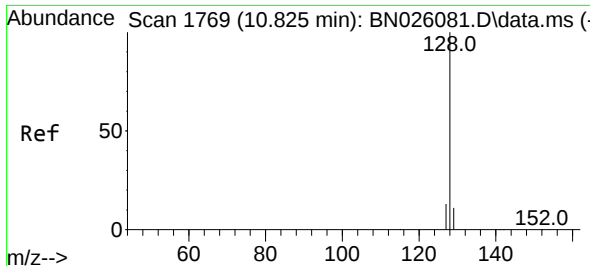
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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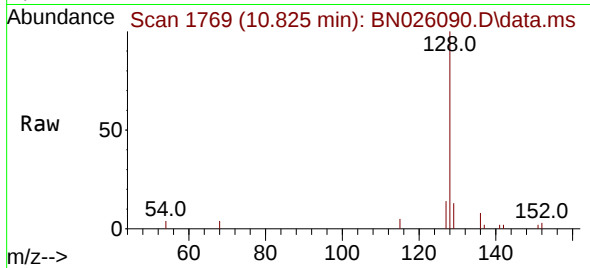
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.110 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

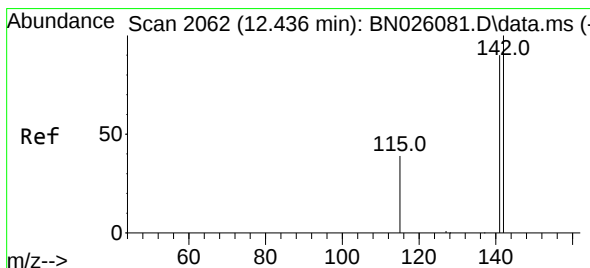
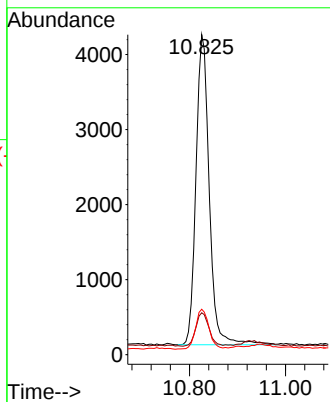
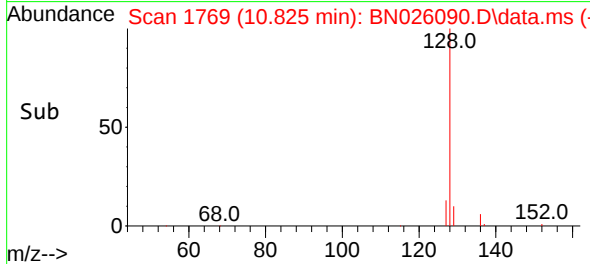
Instrument :
BNA_N
ClientSampleId :
DCFT5RE



Tgt Ion:128 Resp: 7935
Ion Ratio Lower Upper
128 100
129 13.1 9.1 13.7
127 14.2 10.7 16.1

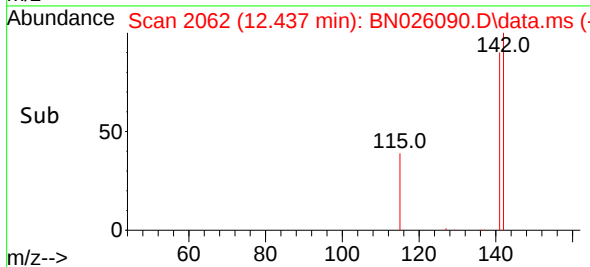
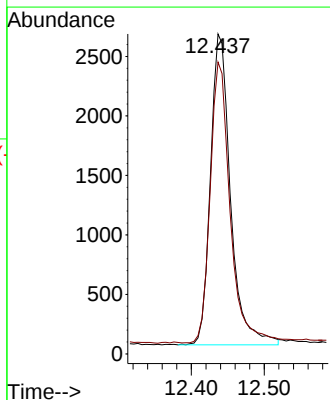
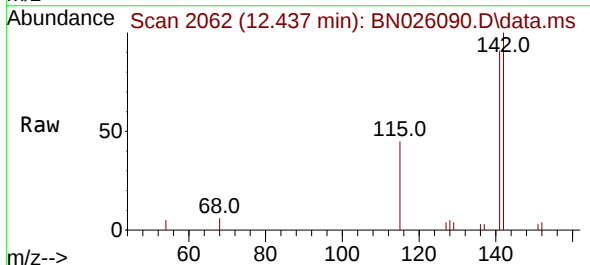
Manual Integrations
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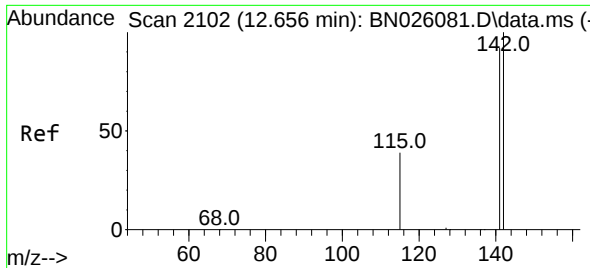
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.437 min Scan# 2062
Delta R.T. -0.011 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

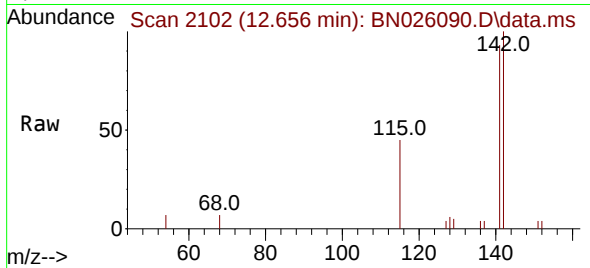
Tgt Ion:142 Resp: 5013
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.077 ng/u1
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

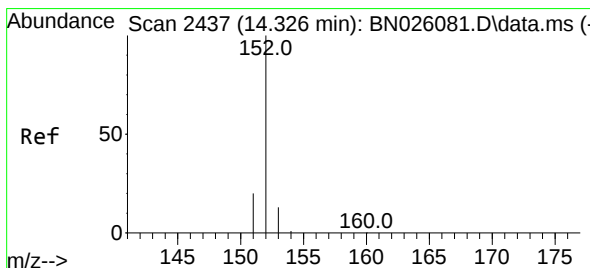
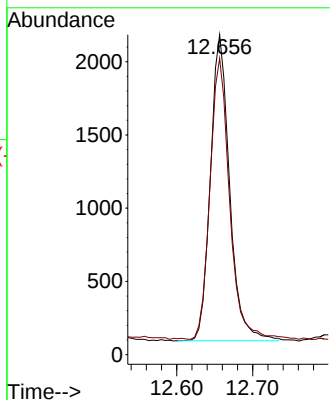
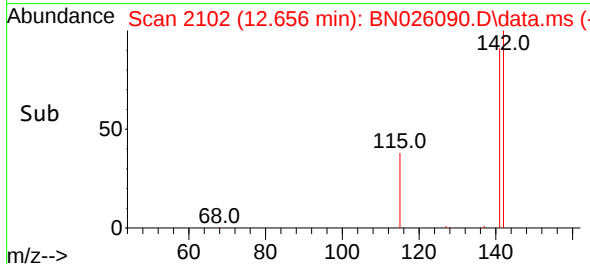
Instrument :
BNA_N
ClientSampleId :
DCFT5RE



Tgt Ion:142 Resp: 3669
Ion Ratio Lower Upper
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141 93.4 74.2 111.4

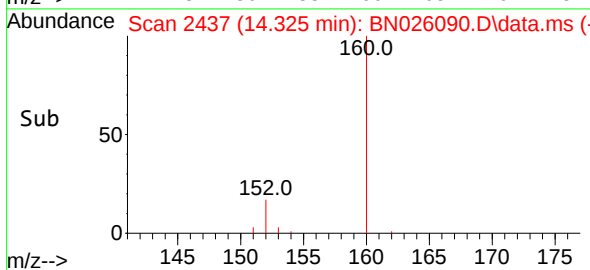
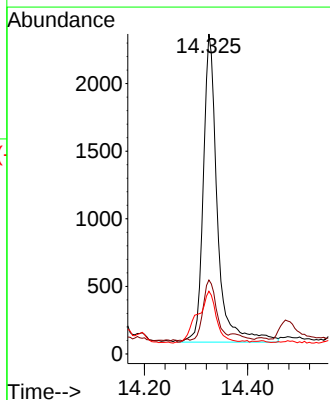
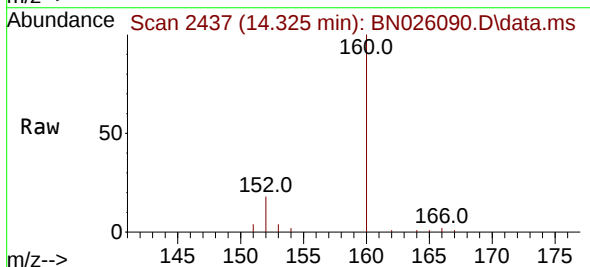
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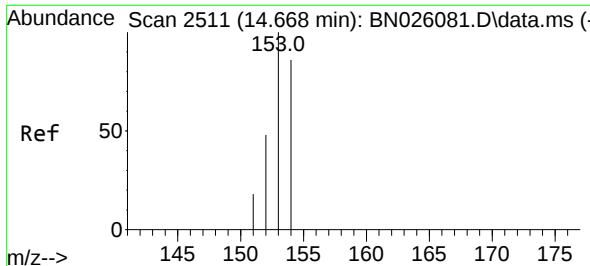
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.062 ng/u1
RT: 14.325 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

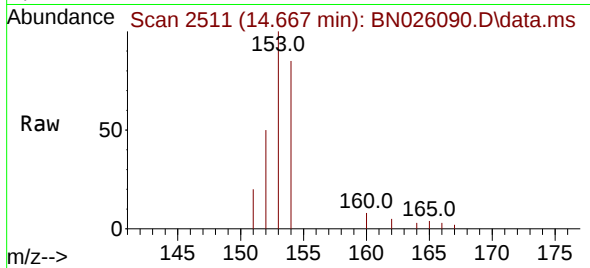
Tgt Ion:152 Resp: 4281
Ion Ratio Lower Upper
152 100
151 23.1 16.2 24.4
153 19.6 10.9 16.3#





#11
Acenaphthene
Concen: 0.100 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.004 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

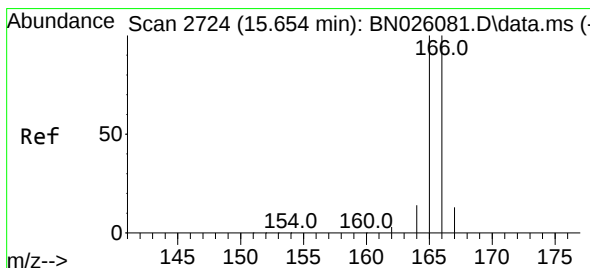
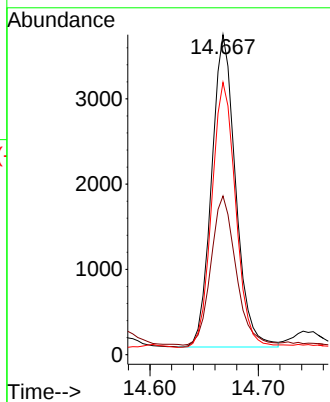
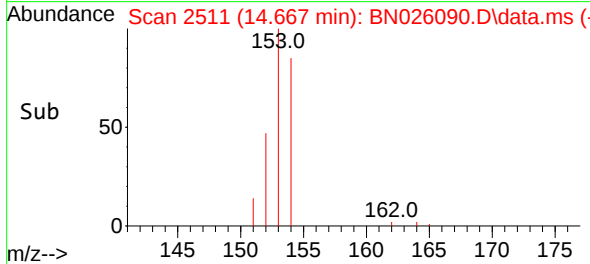
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 5658
Ion Ratio Lower Upper
153 100
152 49.6 39.4 59.0
154 85.1 68.9 103.3

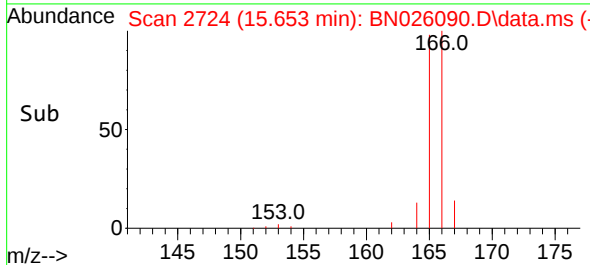
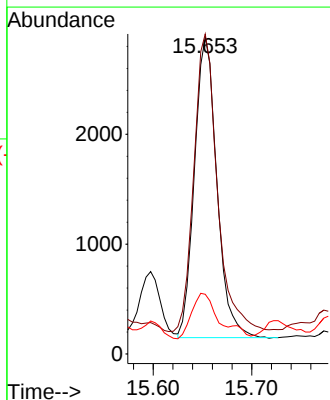
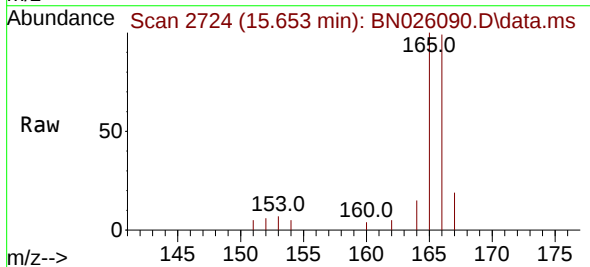
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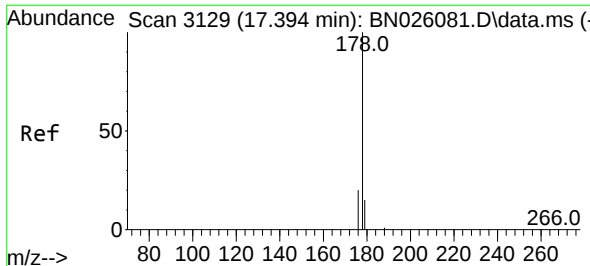
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.067 ng/ul
RT: 15.653 min Scan# 2724
Delta R.T. -0.009 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

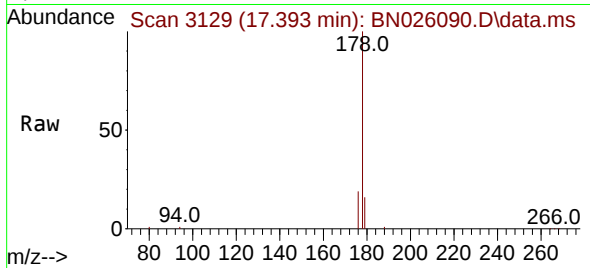
Tgt Ion:166 Resp: 4312
Ion Ratio Lower Upper
166 100
165 101.0 79.9 119.9
167 18.9 10.8 16.2#





#15
Phenanthrene
Concen: 0.928 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

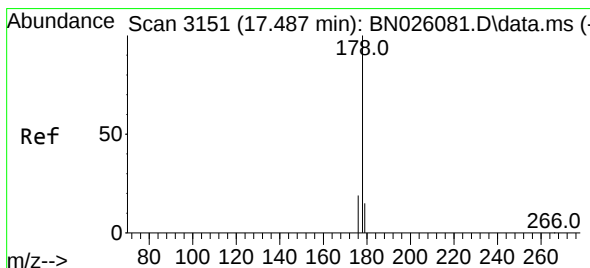
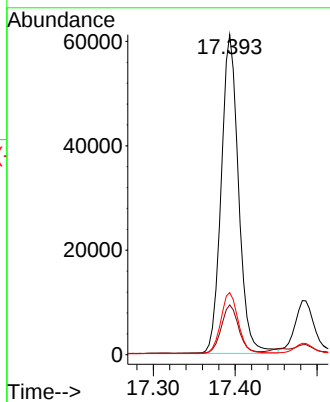
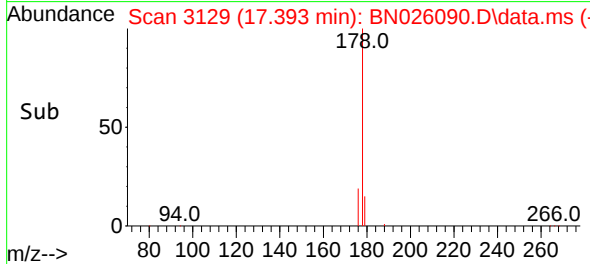
Instrument :
BNA_N
ClientSampleId :
DCFT5RE



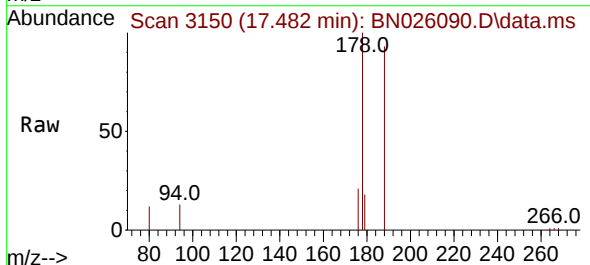
Tgt Ion:178 Resp: 89735
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.4 15.8 23.6

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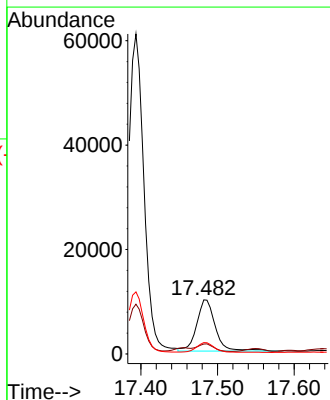
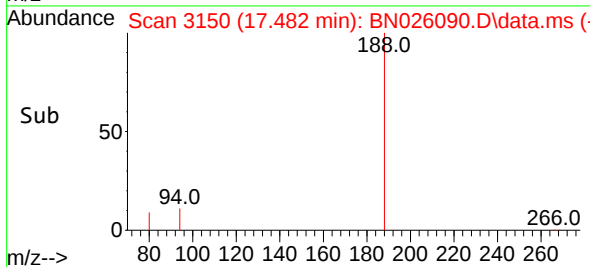
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

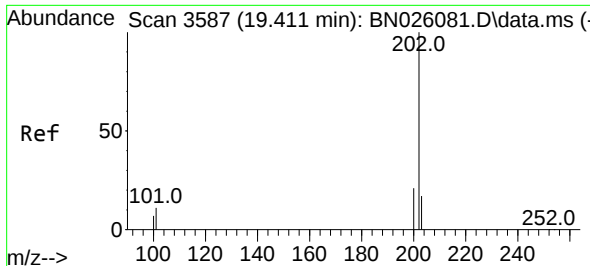


#16
Anthracene
Concen: 0.192 ng/u1
RT: 17.482 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02



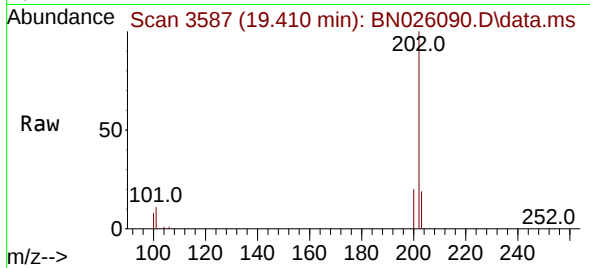
Tgt Ion:178 Resp: 16544
Ion Ratio Lower Upper
178 100
179 18.4 12.6 18.8
176 21.1 15.1 22.7





#19
Fluoranthene
Concen: 2.340 ng/u1
RT: 19.410 min Scan# 3587
Delta R.T. -0.004 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

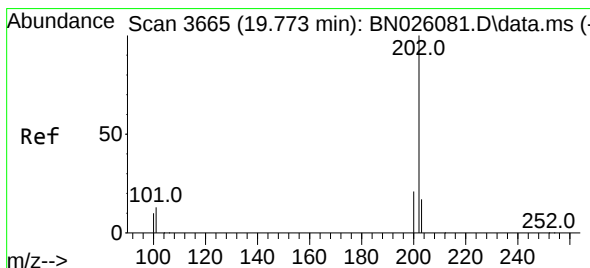
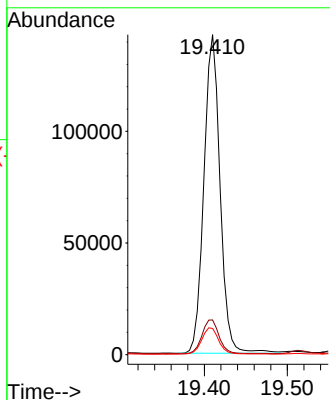
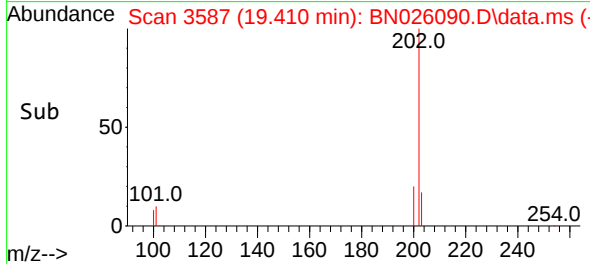
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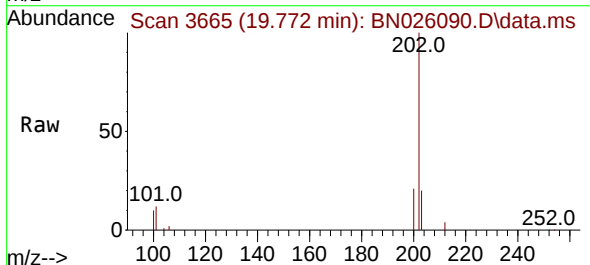
Tgt Ion:202 Resp: 193750
Ion Ratio Lower Upper
202 100
101 10.8 9.5 14.3
100 8.2 7.3 10.9

Manual Integrations
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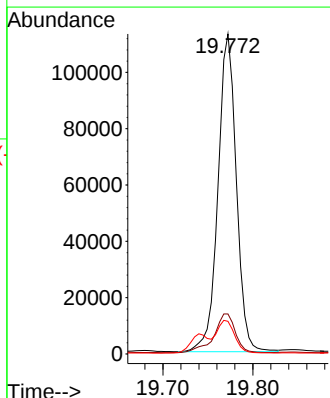
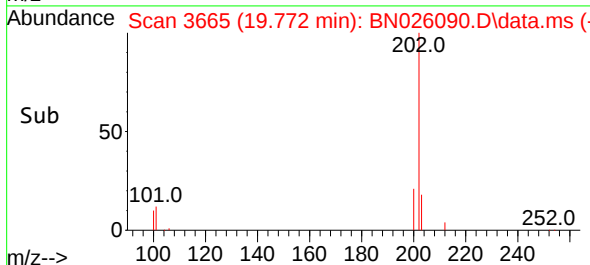
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

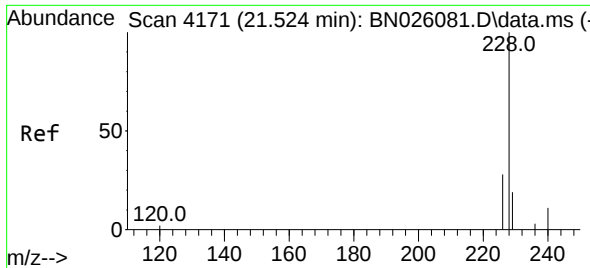


#20
Pyrene
Concen: 1.857 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.004 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02



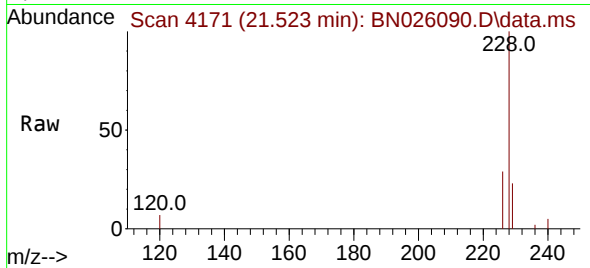
Tgt Ion:202 Resp: 159858
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.2 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.081 ng/ul
RT: 21.523 min Scan# 4171
Delta R.T. -0.006 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

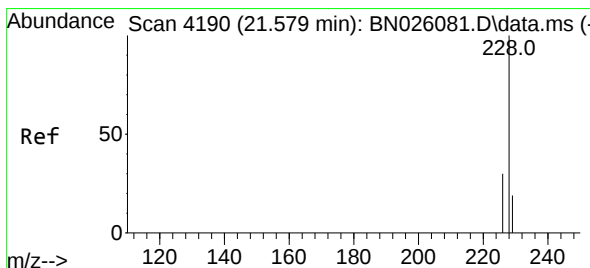
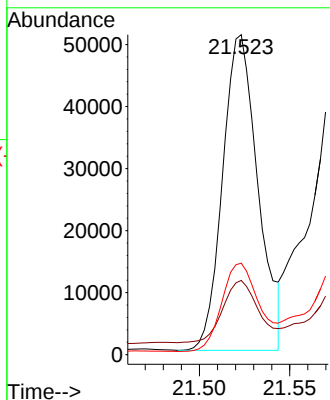
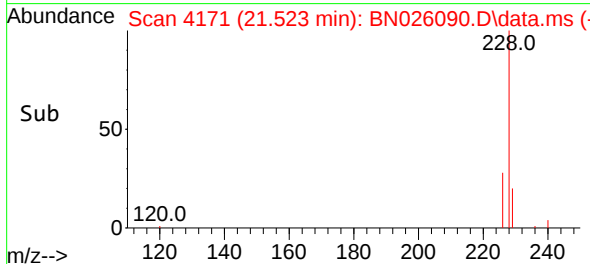
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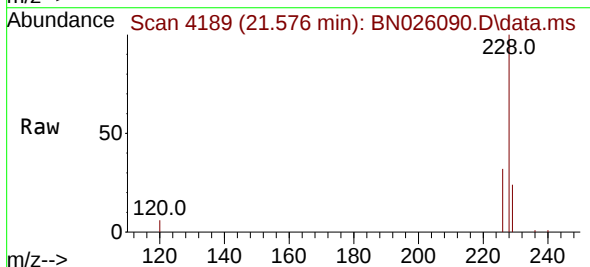
Tgt Ion:228 Resp: 6910
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 28.6 22.5 33.7

Manual Integrations
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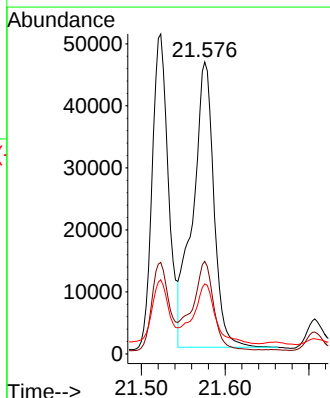
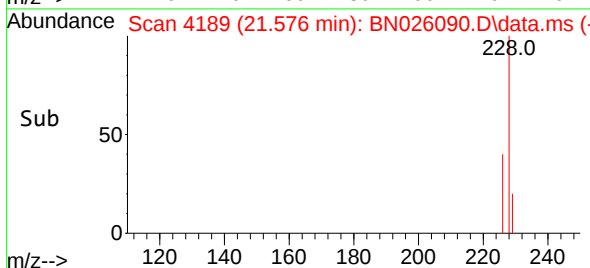
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

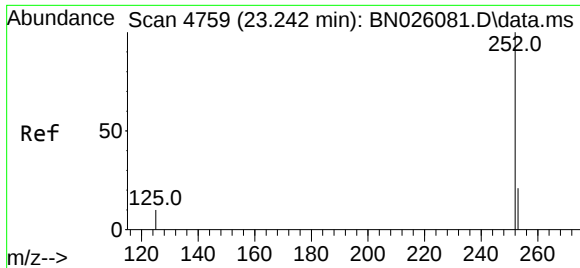


#22
Chrysene
Concen: 1.211 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02



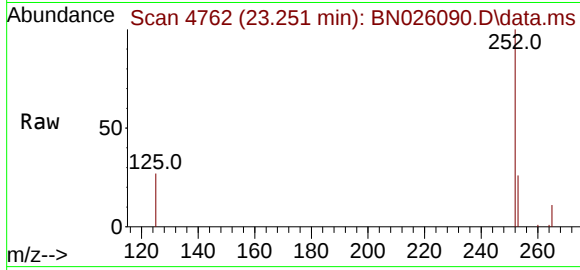
Tgt Ion:228 Resp: 80575
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 24.0 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 1.657 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.003 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

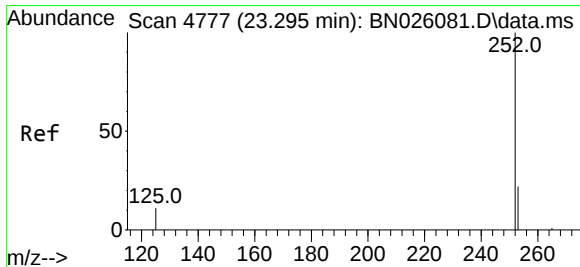
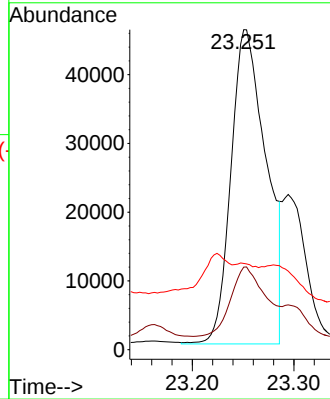
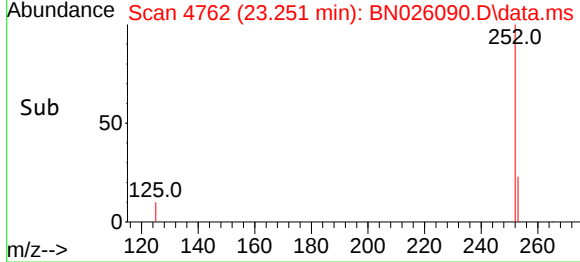
Instrument :
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ClientSampleId :
DCFT5RE



Tgt Ion:252 Resp: 10988
Ion Ratio Lower Upper
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253 25.8 0.0 55.6
125 27.0 0.0 35.8

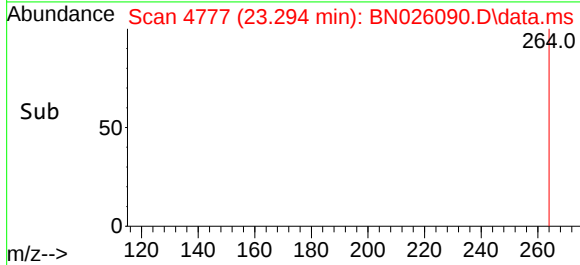
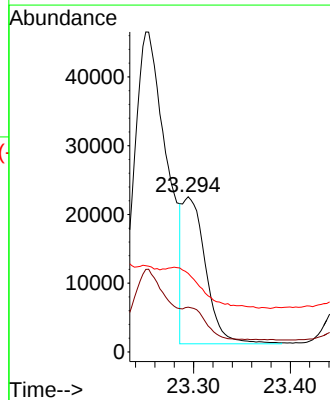
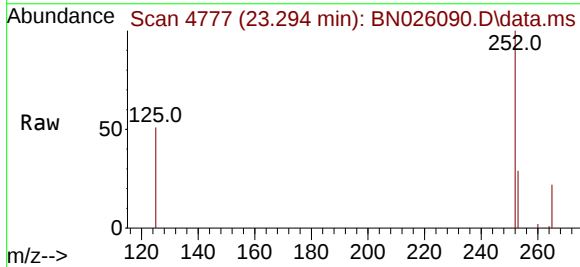
Manual Integrations
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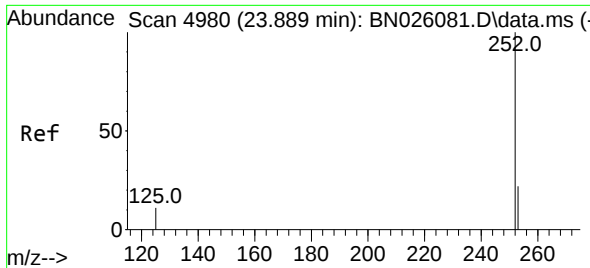
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.540 ng/ul m
RT: 23.294 min Scan# 4777
Delta R.T. -0.009 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

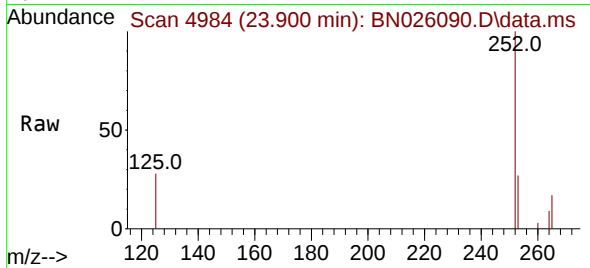
Tgt Ion:252 Resp: 35952
Ion Ratio Lower Upper
252 100
253 28.9 23.2 34.8
125 50.6 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 1.117 ng/ul
RT: 23.900 min Scan# 4980
Delta R.T. -0.006 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

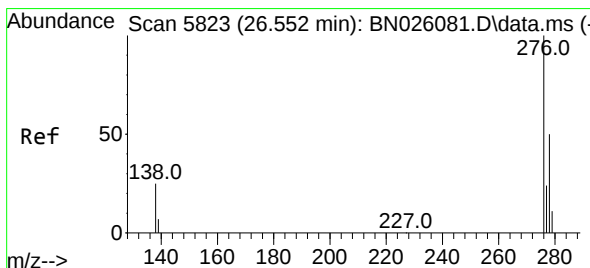
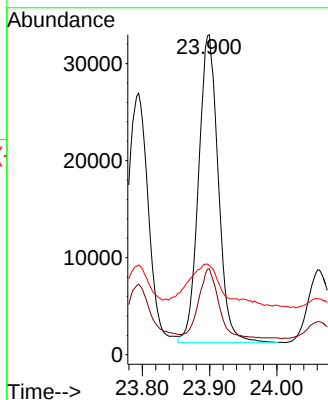
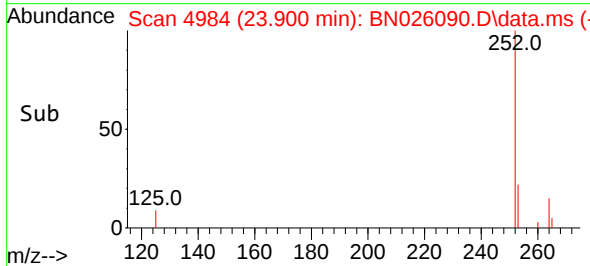
Instrument :
BNA_N
ClientSampleId :
DCFT5RE



Tgt Ion:252 Resp: 64375
Ion Ratio Lower Upper
252 100
253 26.8 26.0 39.0
125 27.9 17.3 25.9

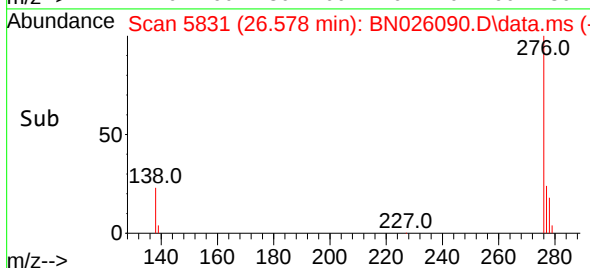
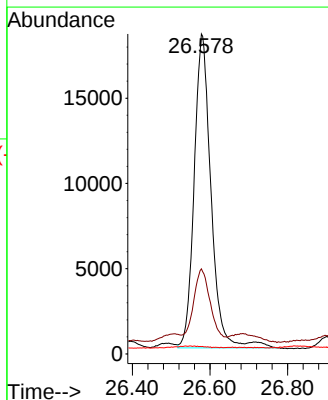
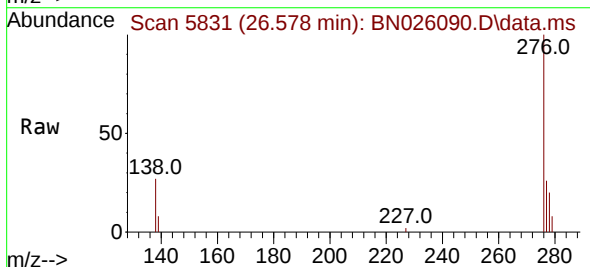
Manual Integrations
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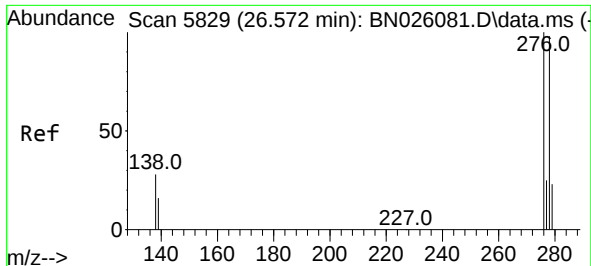
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.882 ng/ul
RT: 26.578 min Scan# 5831
Delta R.T. -0.017 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

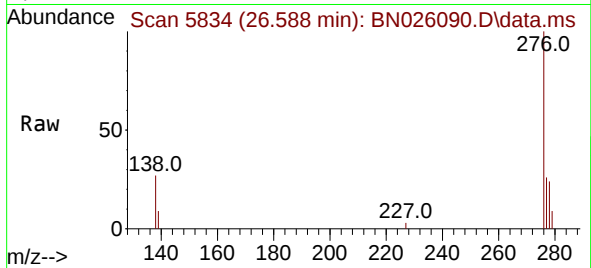
Tgt Ion:276 Resp: 55496
Ion Ratio Lower Upper
276 100
138 23.4 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.277 ng/ul
RT: 26.588 min Scan# 5834
Delta R.T. -0.027 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02

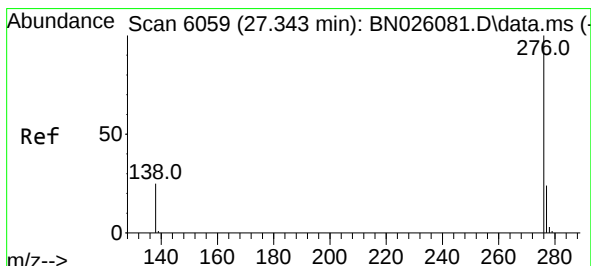
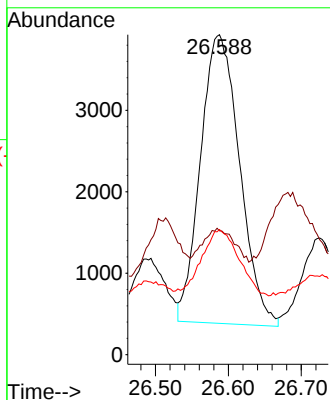
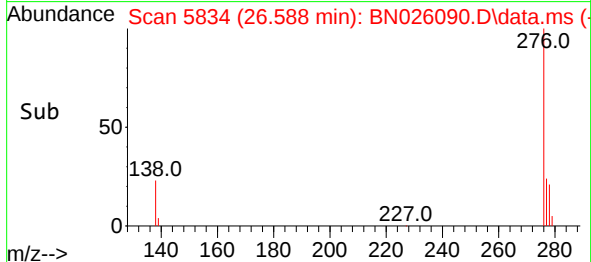
Instrument :
BNA_N
ClientSampleId :
DCFT5RE



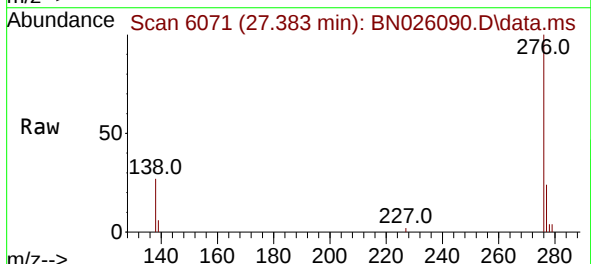
Tgt Ion:278 Resp: 13215
Ion Ratio Lower Upper
278 100
139 38.7 19.0 28.4
279 39.1 26.7 40.1

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Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 0.984 ng/ul
RT: 27.383 min Scan# 6071
Delta R.T. -0.003 min
Lab File: BN026090.D
Acq: 29 Jun 2023 12:02



Tgt Ion:276 Resp: 55077
Ion Ratio Lower Upper
276 100
138 26.7 23.4 35.0
277 24.4 20.0 30.0

