

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026075.D
 Acq On : 29 Jun 2023 01:56
 Operator : MA/JU
 Sample : 03142-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 29 03:26:50 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	7.967	152	8223	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	27225	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.607	164	17083	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	33840	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	18283	0.400	ng/ul	# 0.00
23) Perylene-d12	23.998	264	16818	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	25811	2.787	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.364	152	8348	0.199	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	16969	0.244	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	138237	1.772	ng/ul	99
7) 2-Methylnaphthalene	12.435	142	90026	1.812	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	60444	1.174	ng/ul	100
10) Acenaphthylene	14.324	152	91909	1.149	ng/ul	98
11) Acenaphthene	14.667	153	15164	0.232	ng/ul	98
12) Fluorene	15.652	166	26308	0.351	ng/ul#	97
15) Phenanthrene	17.393	178	674885	6.038	ng/ul	99
16) Anthracene	17.486	178	112293	1.130	ng/ul	100
19) Fluoranthene	19.409	202	1350310	13.828	ng/ul	98
20) Pyrene	19.771	202	1026608	10.107	ng/ul	96
21) Benzo(a)anthracene	21.522	228	477659	6.333	ng/ul	97
22) Chrysene	21.578	228	506107	6.449	ng/ul	98
24) Benzo(b)fluoranthene	23.247	252	695187m	9.685	ng/ul	
25) Benzo(k)fluoranthene	23.290	252	210309m	2.918	ng/ul	
26) Benzo(a)pyrene	23.890	252	407358	6.534	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.557	276	350015	5.140	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.560	278	80247	1.557	ng/ul	94
29) Benzo(g,h,i)perylene	27.355	276	344381	5.685	ng/ul	94

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

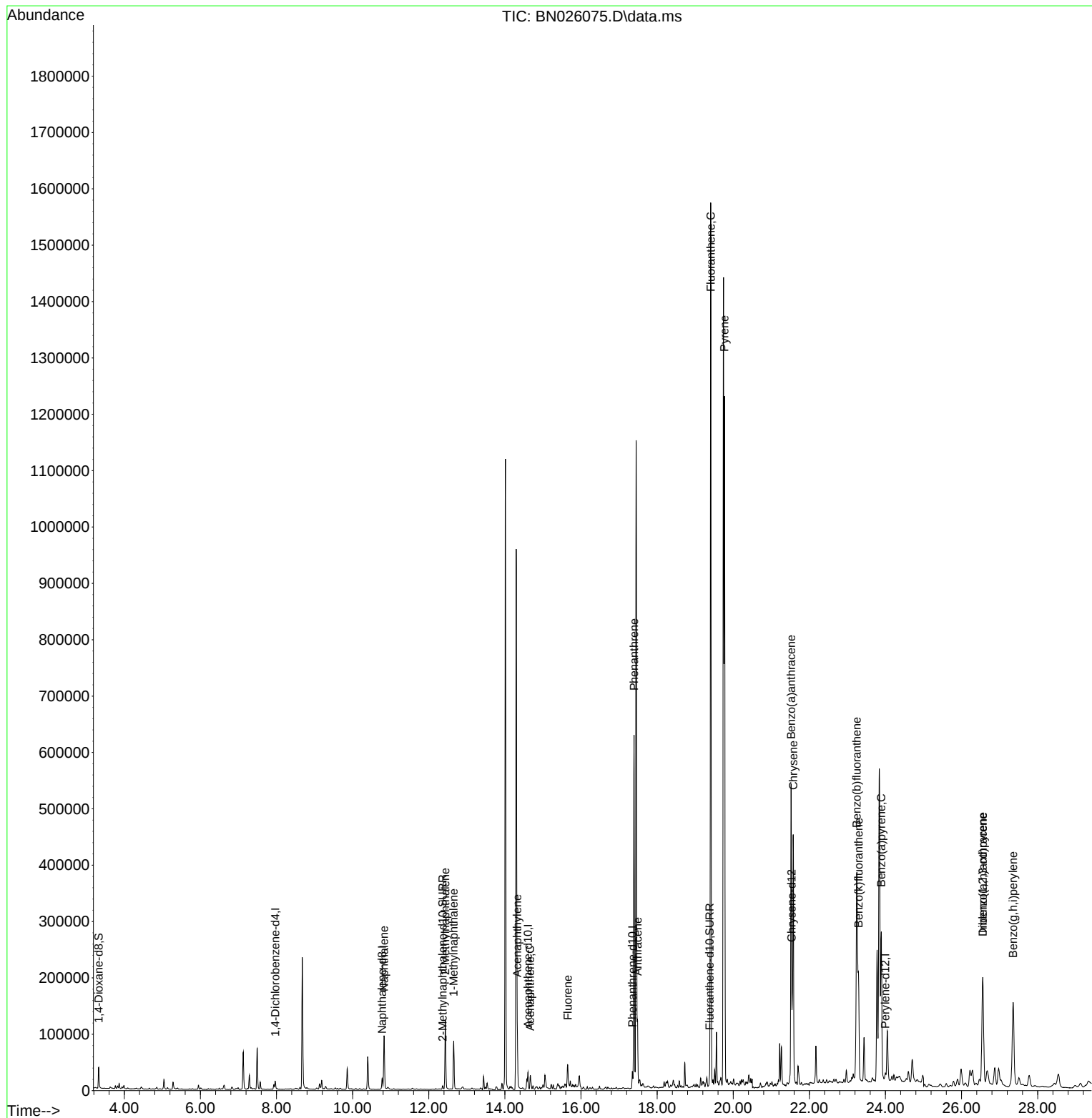
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026075.D
Acq On : 29 Jun 2023 01:56
Operator : MA/JU
Sample : 03142-04
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ALS Vial : 23 Sample Multiplier: 1

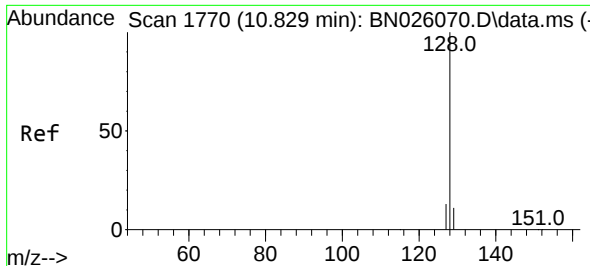
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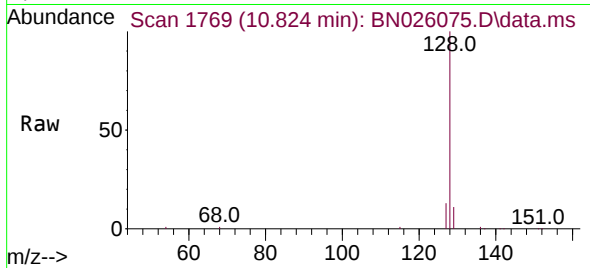
Quant Time: Jun 29 03:26:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
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#5
Naphthalene
Concen: 1.772 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.012 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

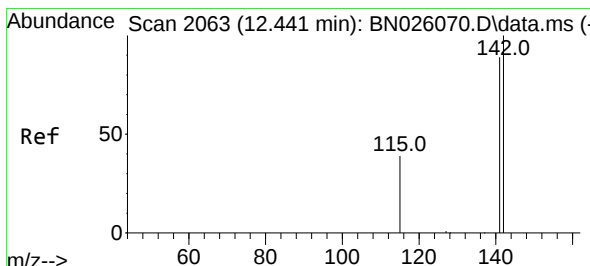
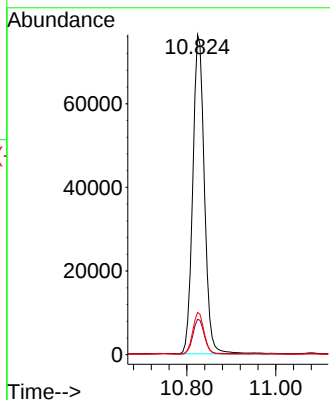
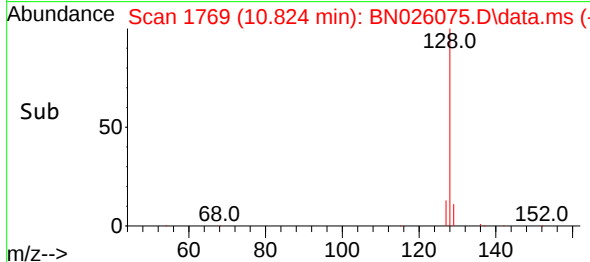
Instrument :
BNA_N
ClientSampleId :
DCFS3



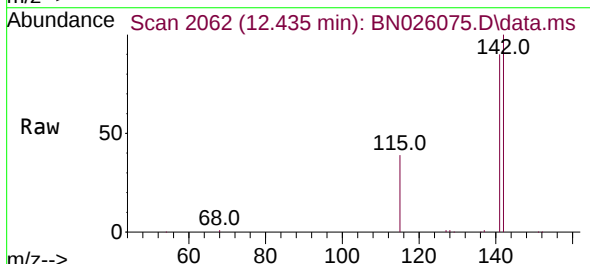
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Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.7 16.1

Manual Integrations
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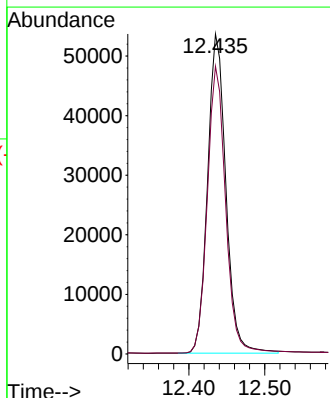
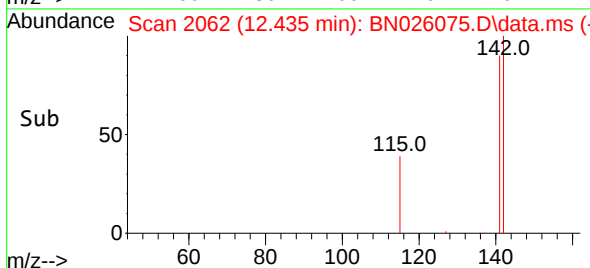
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

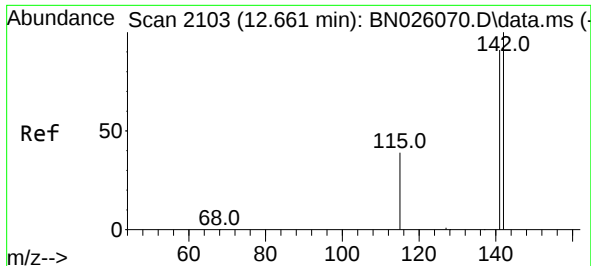


#7
2-Methylnaphthalene
Concen: 1.812 ng/ul
RT: 12.435 min Scan# 2062
Delta R.T. -0.012 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56



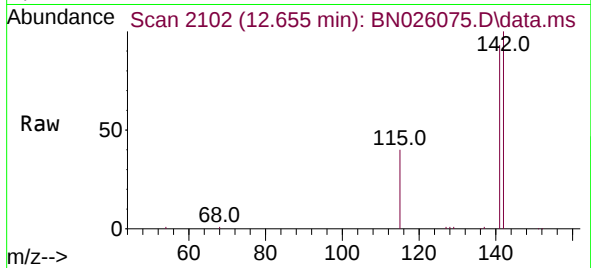
Tgt Ion:142 Resp: 90026
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 1.174 ng/ul
RT: 12.655 min Scan# 2103
Delta R.T. -0.007 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

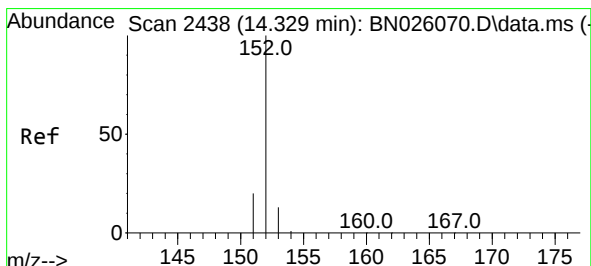
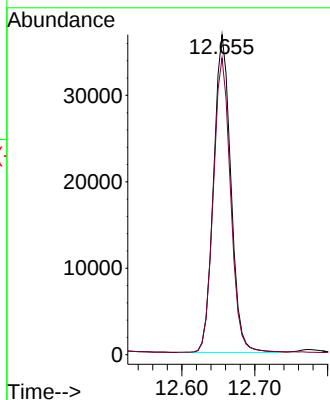
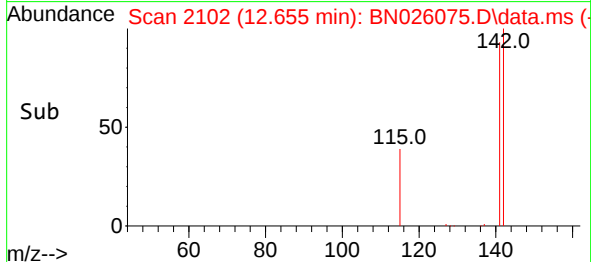
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 6044
Ion Ratio Lower Upper
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141 92.8 74.2 111.4

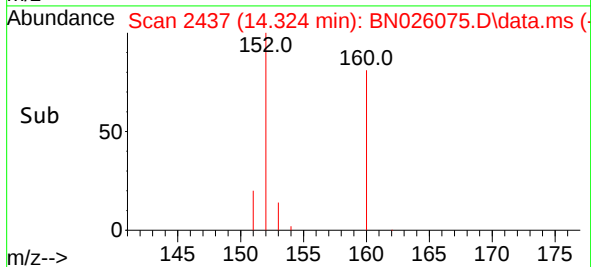
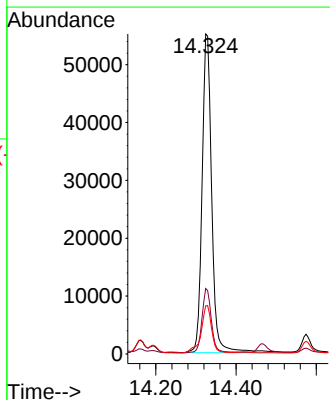
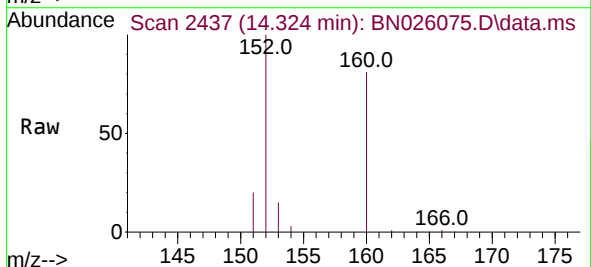
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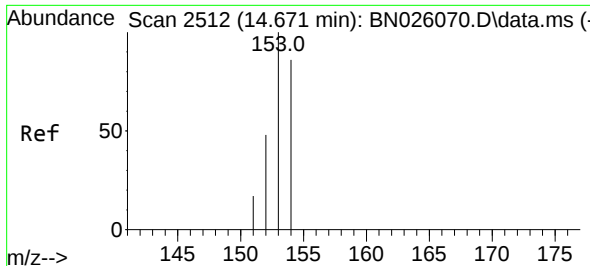
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 1.149 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

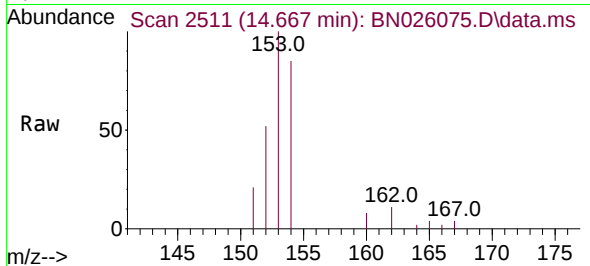
Tgt Ion:152 Resp: 91909
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 15.1 10.9 16.3





#11
Acenaphthene
Concen: 0.232 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

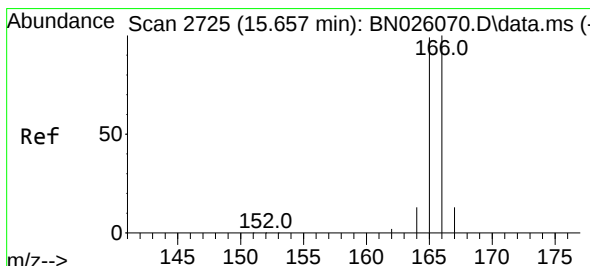
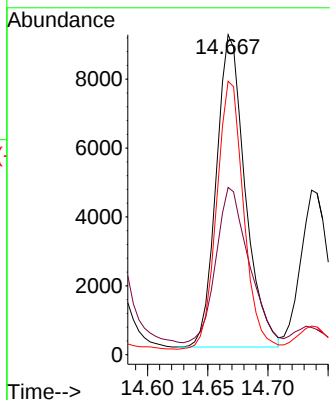
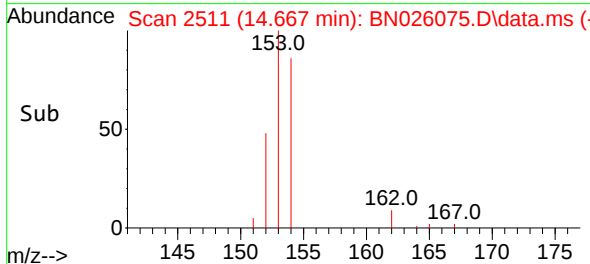
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:153 Resp: 15164
Ion Ratio Lower Upper
153 100
152 52.3 39.4 59.0
154 85.4 68.9 103.3

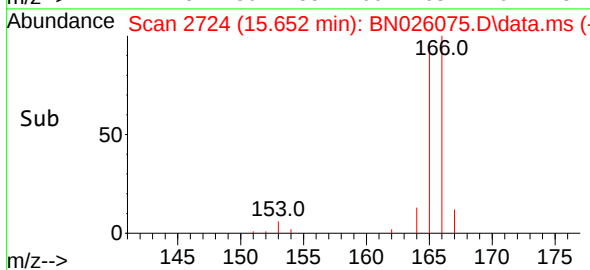
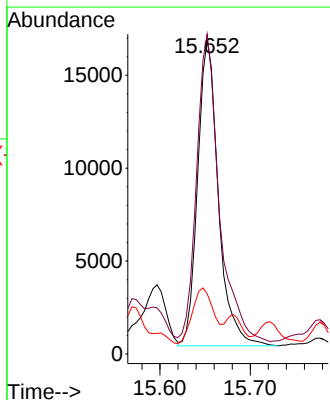
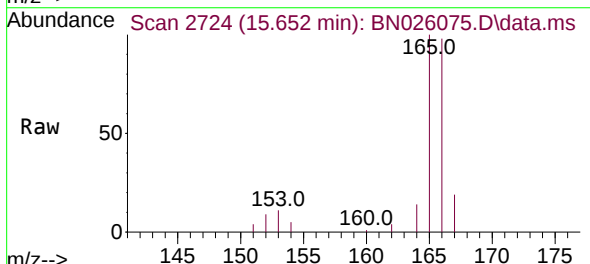
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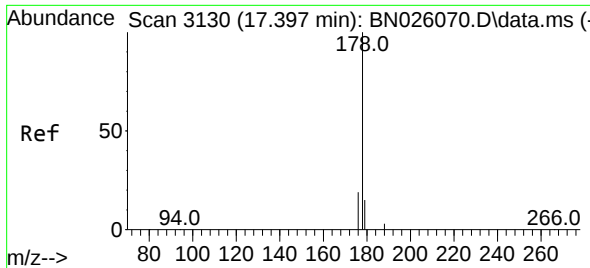
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.351 ng/ul
RT: 15.652 min Scan# 2724
Delta R.T. -0.010 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

Tgt Ion:166 Resp: 26308
Ion Ratio Lower Upper
166 100
165 101.8 79.9 119.9
167 19.1 10.8 16.2#





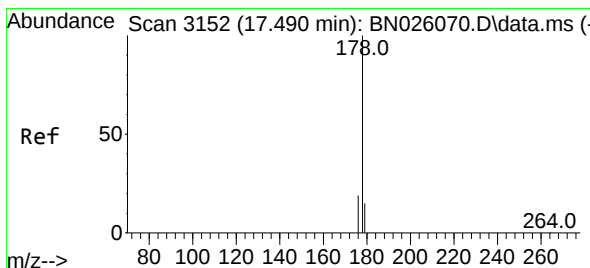
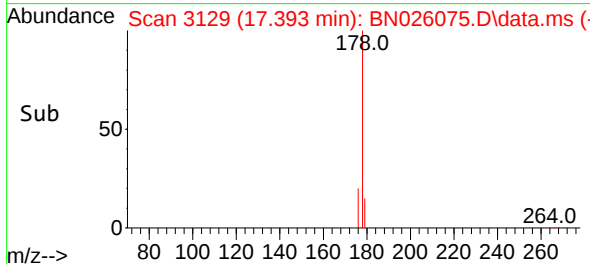
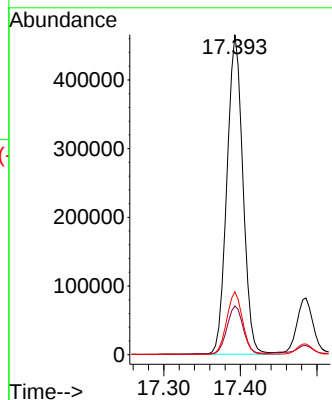
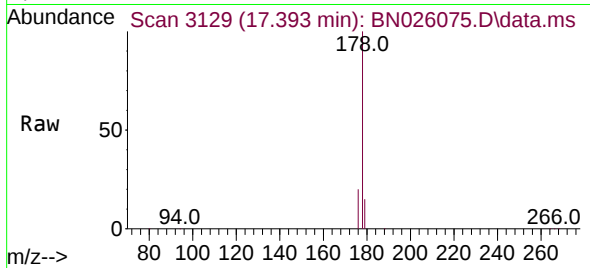
#15
Phenanthrene
Concen: 6.038 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

Instrument :
BNA_N
ClientSampleId :
DCFS3

Tgt Ion:178 Resp: 674885
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

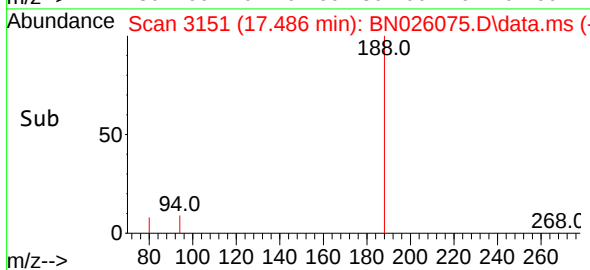
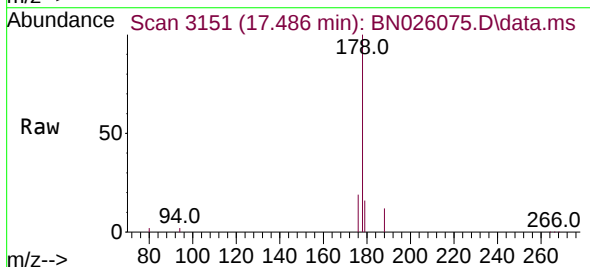
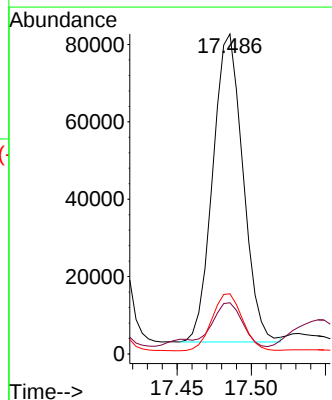
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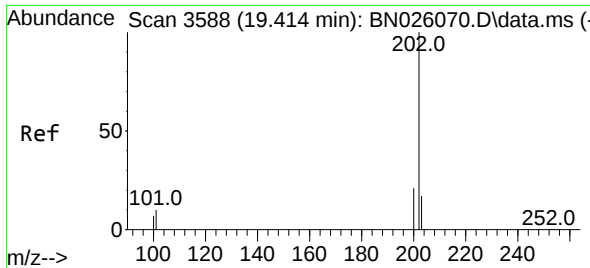
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 1.130 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

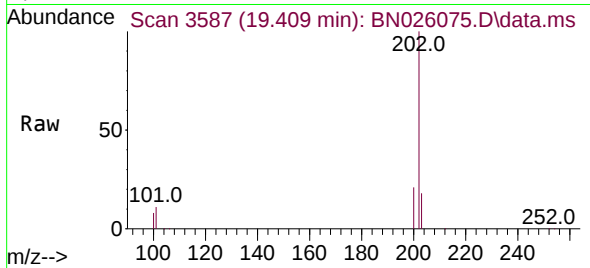
Tgt Ion:178 Resp: 112293
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 18.8 15.1 22.7





#19
Fluoranthene
Concen: 13.828 ng/u1
RT: 19.409 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

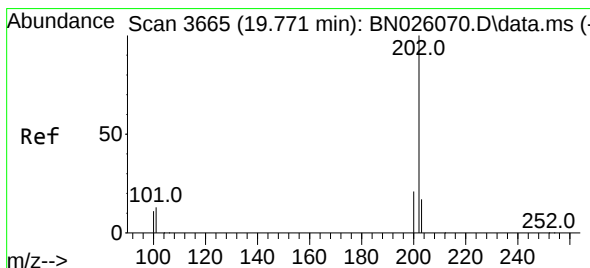
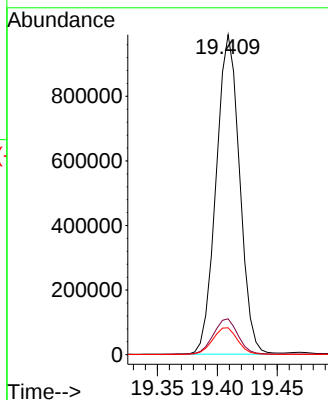
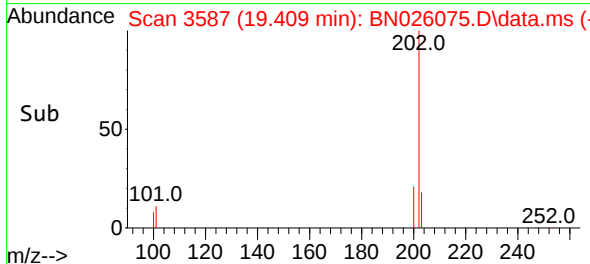
Instrument :
BNA_N
ClientSampleId :
DCFS3



Tgt Ion:202 Resp: 1350310
Ion Ratio Lower Upper
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101 11.2 9.5 14.3
100 8.4 7.3 10.9

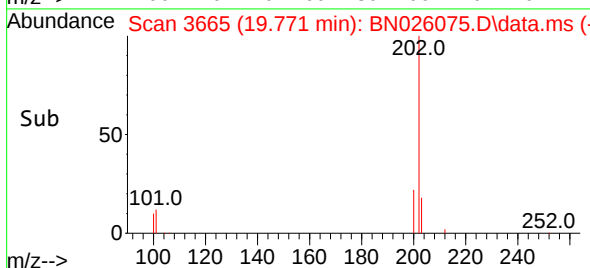
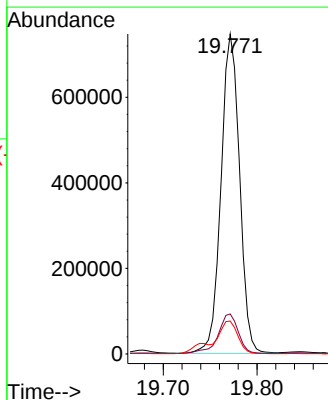
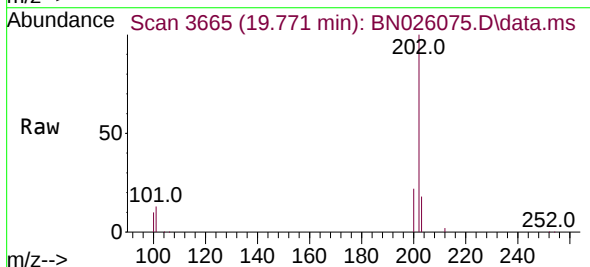
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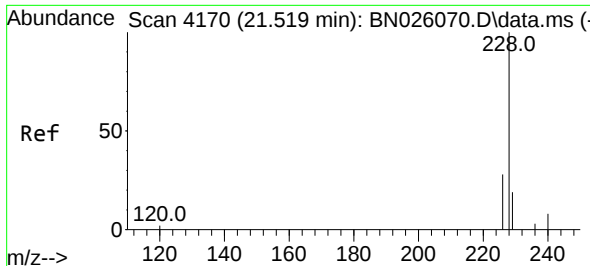
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#20
Pyrene
Concen: 10.107 ng/u1
RT: 19.771 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

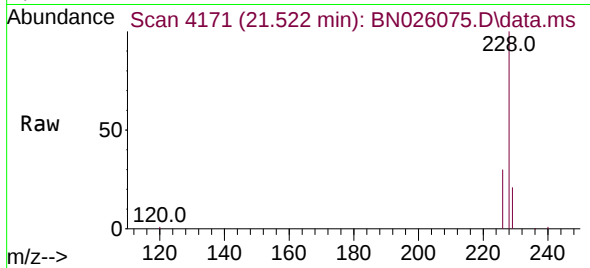
Tgt Ion:202 Resp: 1026608
Ion Ratio Lower Upper
202 100
101 12.5 11.4 17.0
100 10.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 6.333 ng/u1
RT: 21.522 min Scan# 4171
Delta R.T. -0.007 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

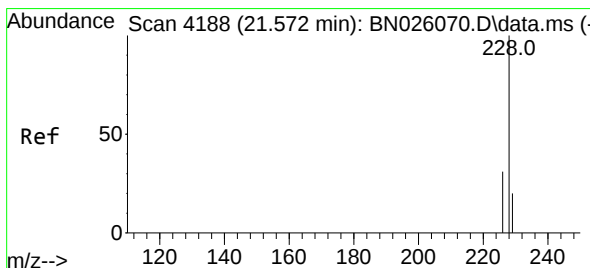
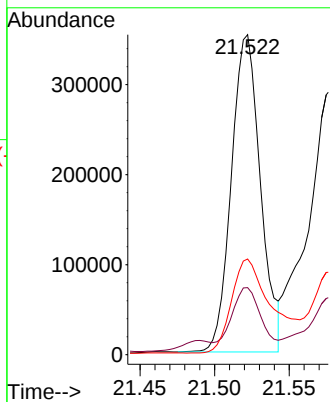
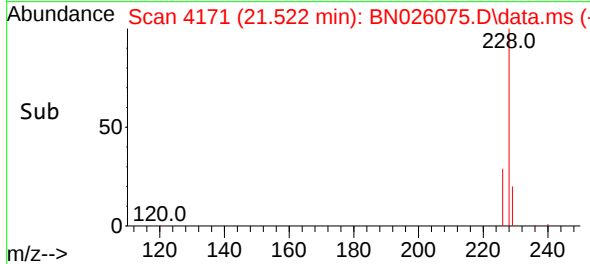
Instrument :
BNA_N
ClientSampleId :
DCFS3



Tgt Ion:228 Resp: 477659
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 29.9 22.5 33.7

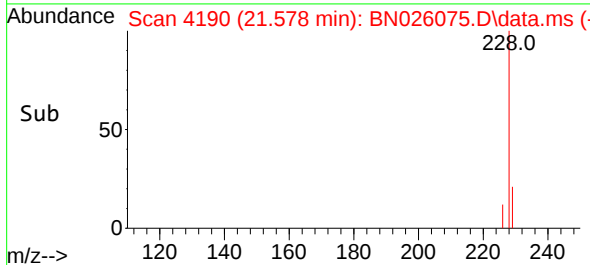
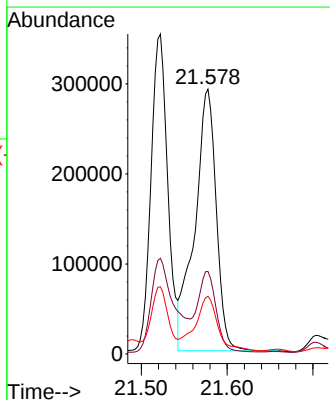
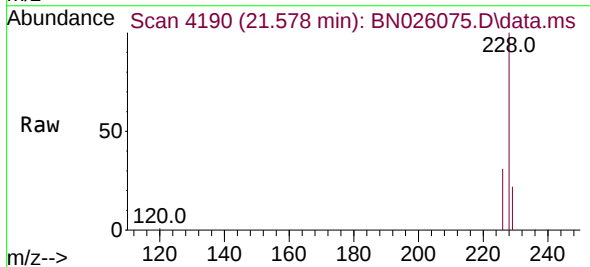
Manual Integrations
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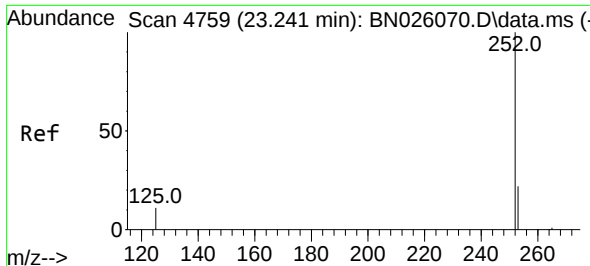
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 6.449 ng/u1
RT: 21.578 min Scan# 4190
Delta R.T. -0.001 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

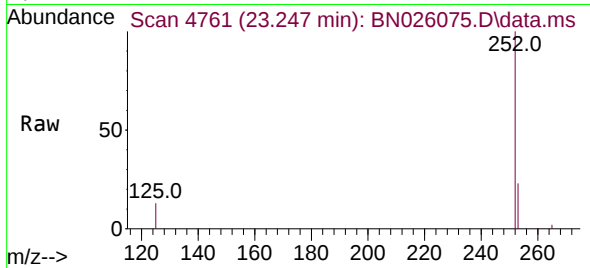
Tgt Ion:228 Resp: 506107
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 21.8 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 9.685 ng/ul m
RT: 23.247 min Scan# 4761
Delta R.T. -0.007 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

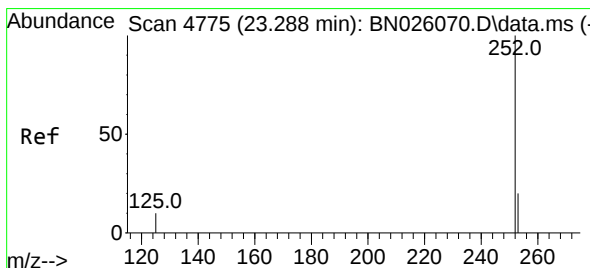
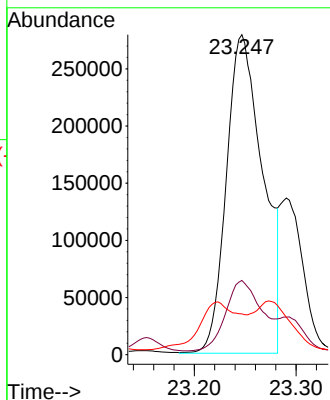
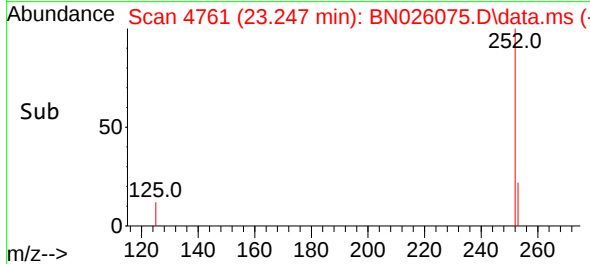
Instrument :
BNA_N
ClientSampleId :
DCFS3



Tgt Ion:252 Resp: 69518
Ion Ratio Lower Upper
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253 23.2 0.0 55.6
125 12.7 0.0 35.8

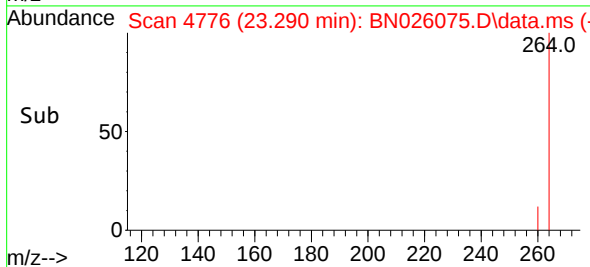
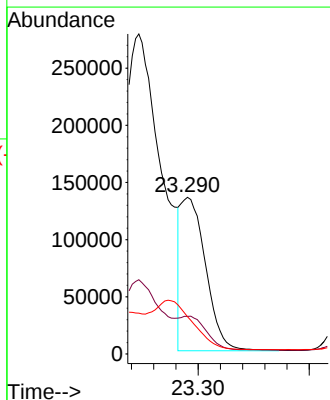
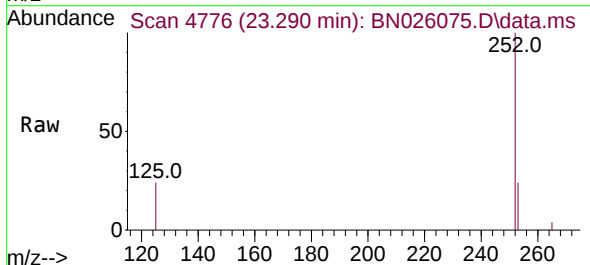
Manual Integrations
APPROVED

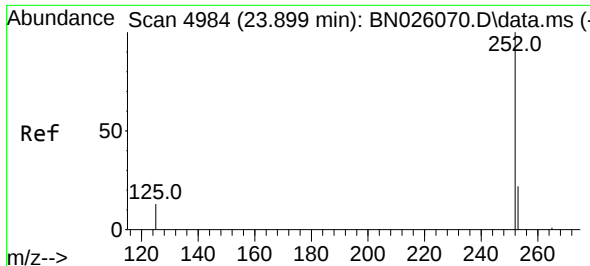
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 2.918 ng/ul m
RT: 23.290 min Scan# 4776
Delta R.T. -0.013 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

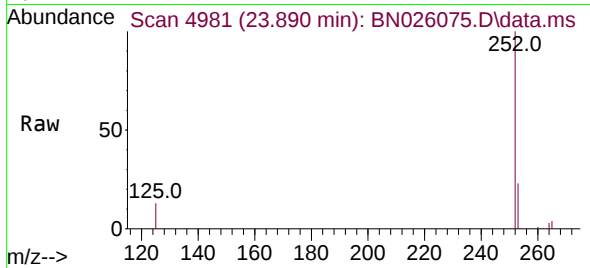
Tgt Ion:252 Resp: 210309
Ion Ratio Lower Upper
252 100
253 24.0 23.2 34.8
125 23.8 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 6.534 ng/ul
RT: 23.890 min Scan# 4984
Delta R.T. -0.015 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

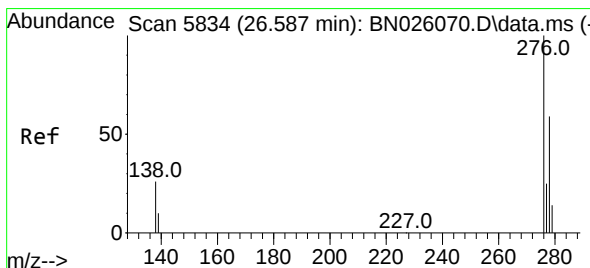
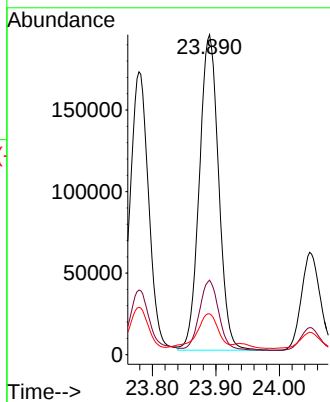
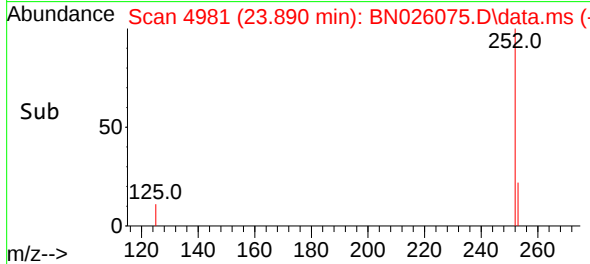
Instrument :
BNA_N
ClientSampleId :
DCFS3



Tgt Ion:252 Resp: 407358
Ion Ratio Lower Upper
252 100
253 23.3 26.0 39.0
125 12.8 17.3 25.9

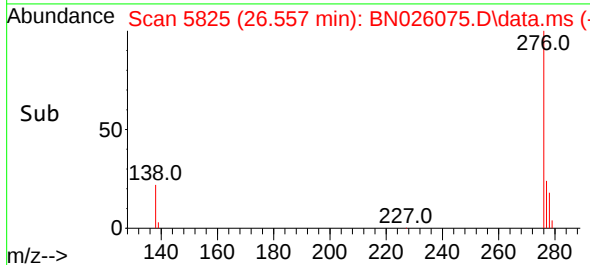
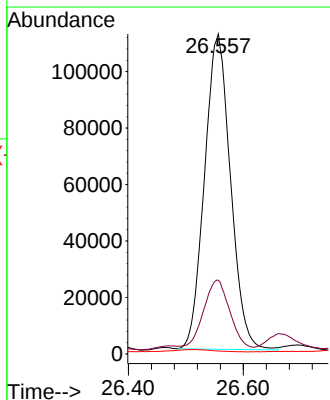
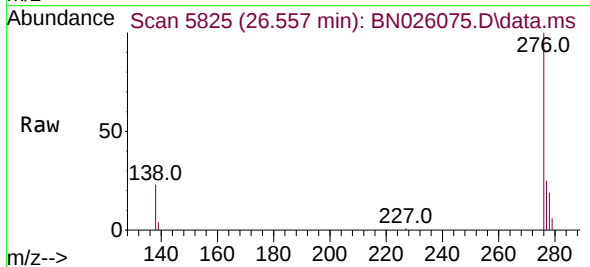
Manual Integrations
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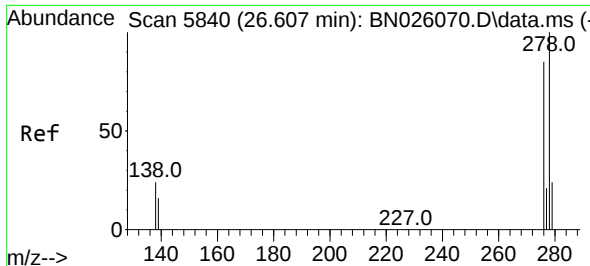
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.140 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.038 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

Tgt Ion:276 Resp: 350015
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: 1.557 ng/ul
RT: 26.560 min Scan# 5840
Delta R.T. -0.055 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

Instrument :

BNA_N

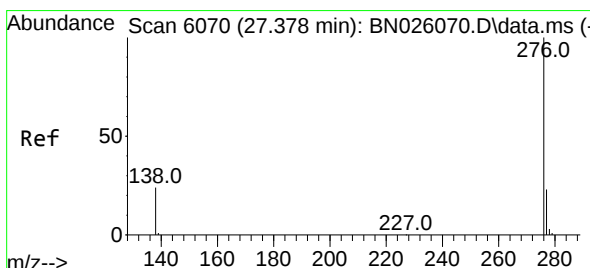
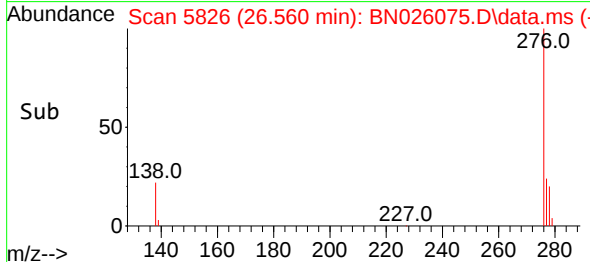
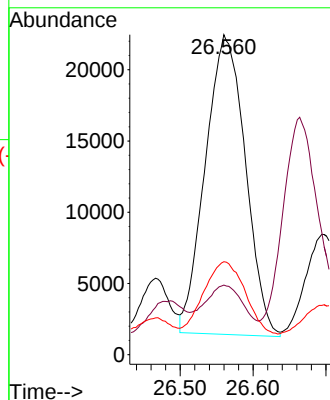
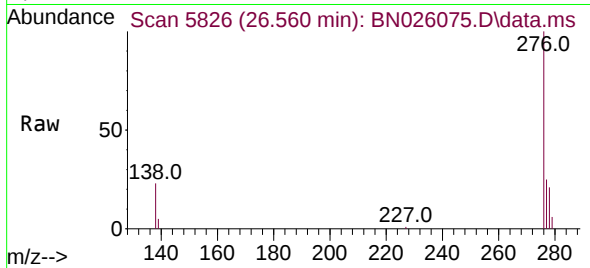
ClientSampleId :

DCFS3

Tgt Ion:278 Resp: 8024
Ion Ratio Lower Upper
278 100
139 21.7 19.0 28.4
279 29.0 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#29
Benzo(g,h,i)perylene
Concen: 5.685 ng/ul
RT: 27.355 min Scan# 6063
Delta R.T. -0.031 min
Lab File: BN026075.D
Acq: 29 Jun 2023 01:56

Tgt Ion:276 Resp: 344381
Ion Ratio Lower Upper
276 100
138 24.0 23.4 35.0
277 24.0 20.0 30.0

