

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026083.D
 Acq On : 29 Jun 2023 07:49
 Operator : MA/JU
 Sample : 03142-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS4

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 08:17:56 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	6948	0.400	ng/ul	0.00
4) Naphthalene-d8	10.776	136	22909	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.603	164	13691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	28457	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	16345	0.400	ng/ul	0.00
23) Perylene-d12	24.000	264	16605	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	19958	2.551	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.365	152	5969	0.169	ng/ul	0.00
18) Fluoranthene-d10	19.378	212	13045	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.825	128	4111	0.063	ng/ul#	92
7) 2-Methylnaphthalene	12.442	142	2503	0.060	ng/ul	99
8) 1-Methylnaphthalene	12.656	142	2034	0.047	ng/ul	98
10) Acenaphthylene	14.326	152	6366	0.099	ng/ul#	94
15) Phenanthrene	17.390	178	24448	0.260	ng/ul	99
16) Anthracene	17.483	178	6145	0.074	ng/ul#	90
19) Fluoranthene	19.406	202	74055	0.848	ng/ul	98
20) Pyrene	19.769	202	64204m	0.707	ng/ul	
21) Benzo(a)anthracene	21.524	228	31193	0.463	ng/ul	95
22) Chrysene	21.576	228	43189	0.616	ng/ul	97
24) Benzo(b)fluoranthene	23.251	252	68042m	0.960	ng/ul	
25) Benzo(k)fluoranthene	23.289	252	20585m	0.289	ng/ul	
26) Benzo(a)pyrene	23.897	252	39866	0.648	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.582	276	35361	0.526	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.592	278	8696	0.171	ng/ul#	73
29) Benzo(g,h,i)perylene	27.390	276	40232	0.673	ng/ul	99

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

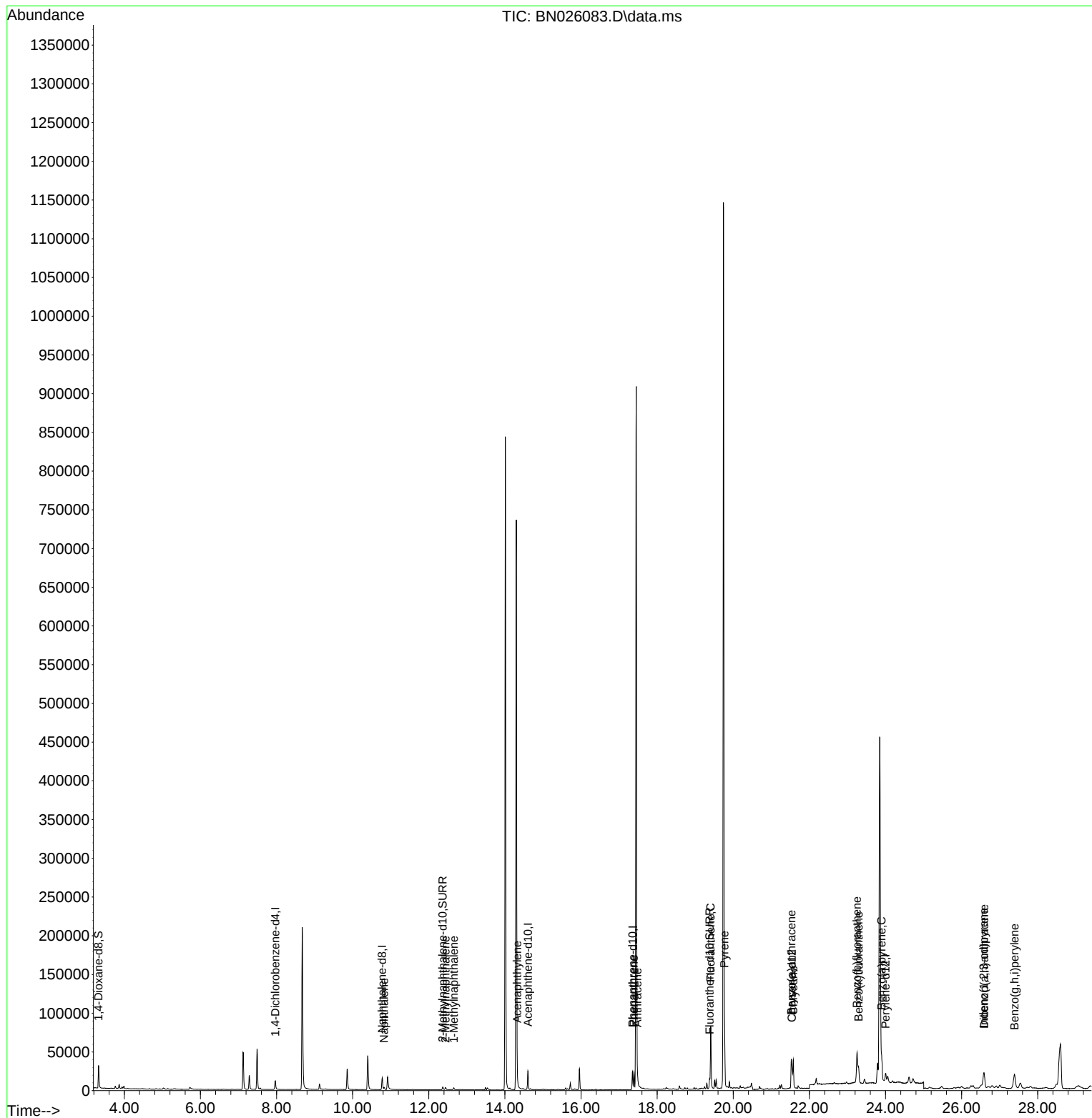
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026083.D
Acq On : 29 Jun 2023 07:49
Operator : MA/JU
Sample : 03142-05
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ALS Vial : 4 Sample Multiplier: 1

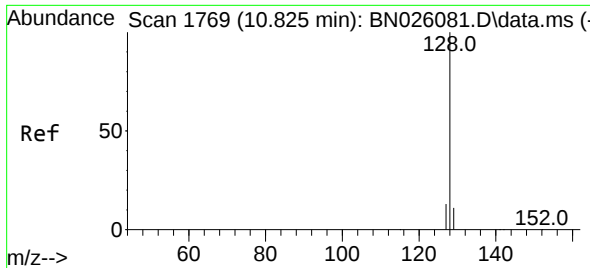
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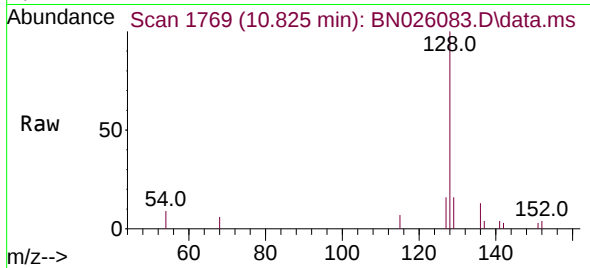
Quant Time: Jun 29 08:17:56 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.063 ng/ul
RT: 10.825 min Scan# 1769
Delta R.T. -0.011 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

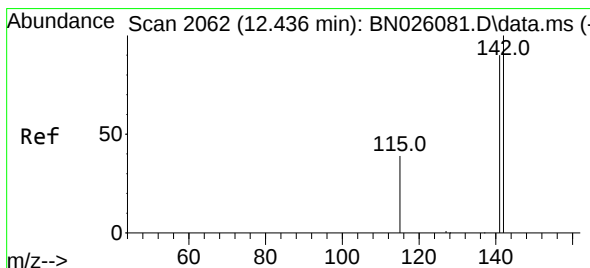
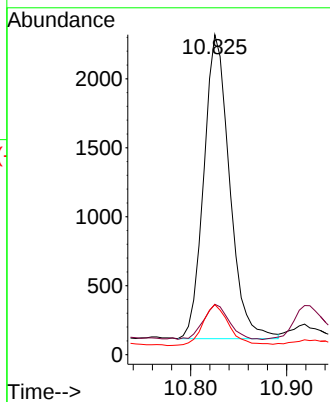
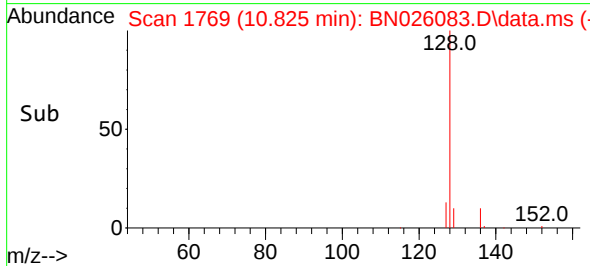
Instrument :
BNA_N
ClientSampleId :
DCFS4



Tgt Ion:128 Resp: 411
Ion Ratio Lower Upper
128 100
129 15.7 9.1 13.7
127 15.6 10.7 16.1

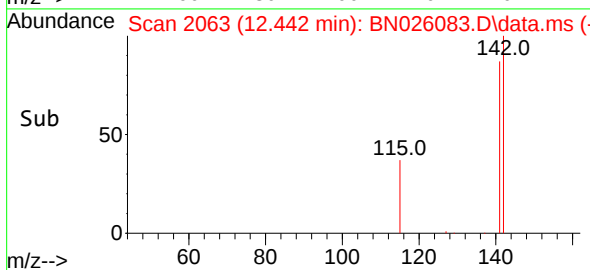
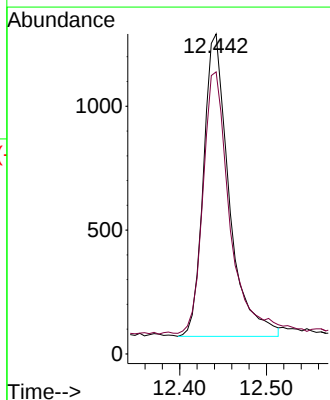
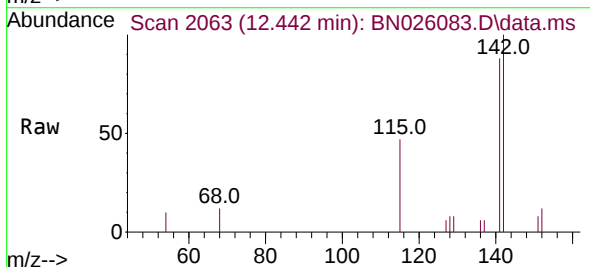
Manual Integrations
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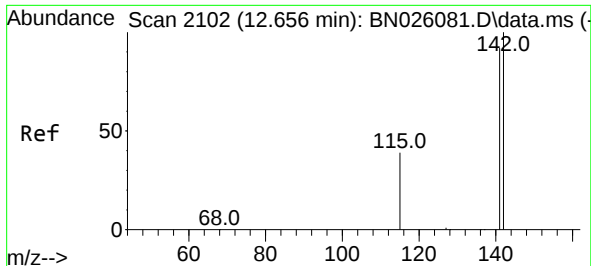
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.005 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

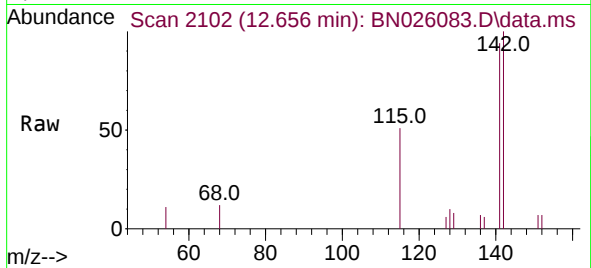
Tgt Ion:142 Resp: 2503
Ion Ratio Lower Upper
142 100
141 89.3 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.656 min Scan# 2102
Delta R.T. -0.005 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

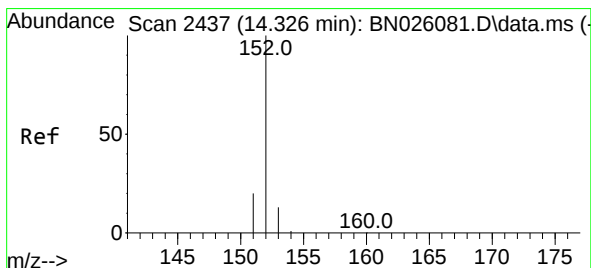
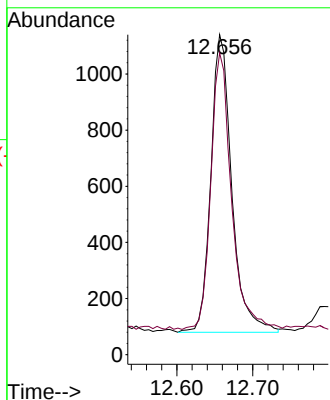
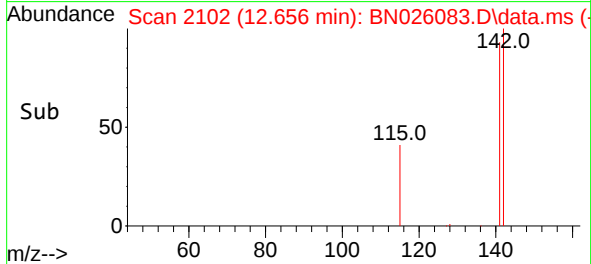
Instrument :
BNA_N
ClientSampleId :
DCFS4



Tgt Ion:142 Resp: 2034
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4

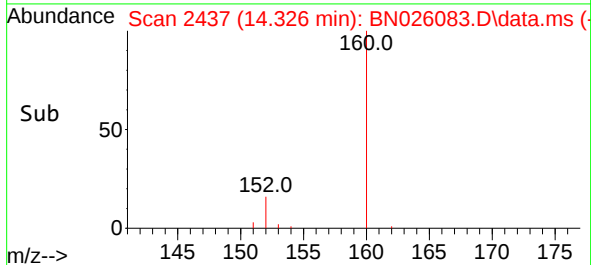
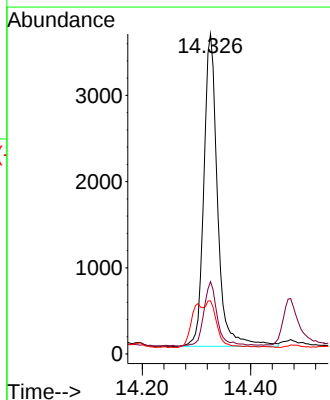
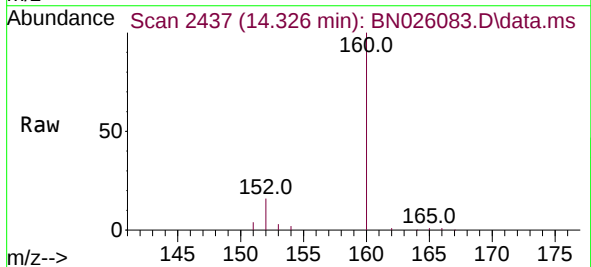
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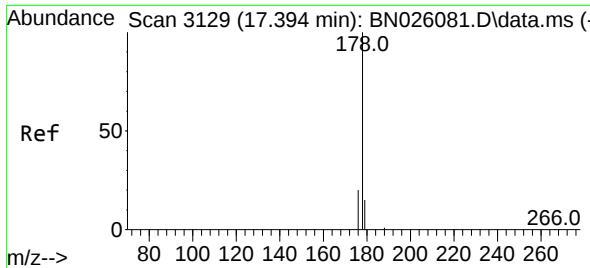
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 14.326 min Scan# 2437
Delta R.T. -0.004 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

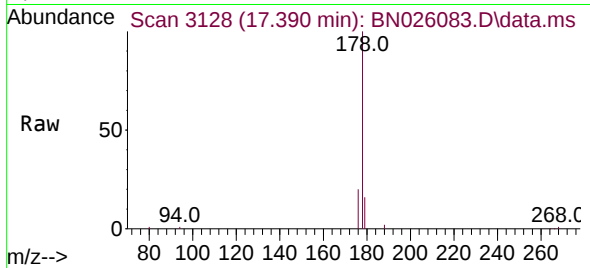
Tgt Ion:152 Resp: 6366
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4
153 16.6 10.9 16.3#





#15
Phenanthrene
Concen: 0.260 ng/ul
RT: 17.390 min Scan# 3129
Delta R.T. -0.012 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

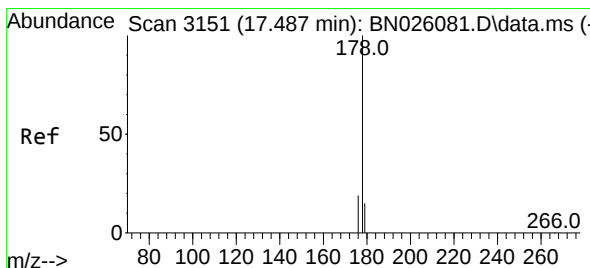
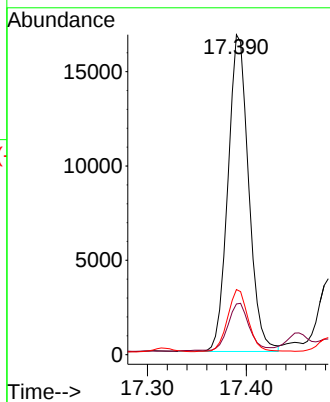
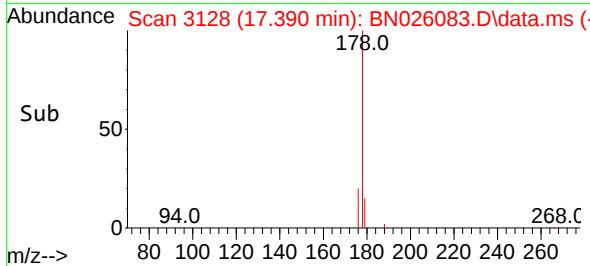
Instrument :
BNA_N
ClientSampleId :
DCFS4



Tgt Ion:178 Resp: 2444
Ion Ratio Lower Upper
178 100
179 15.8 12.6 19.0
176 20.4 15.8 23.6

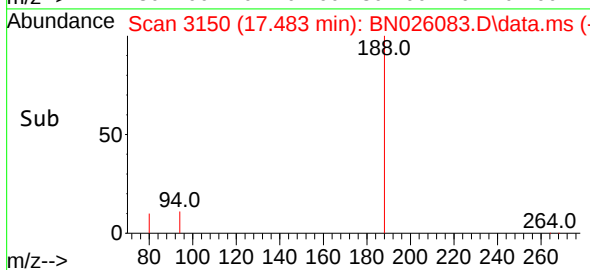
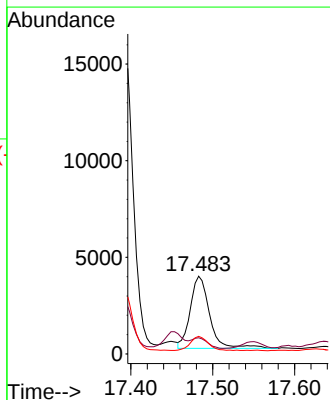
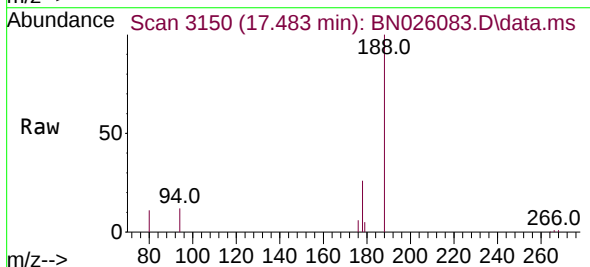
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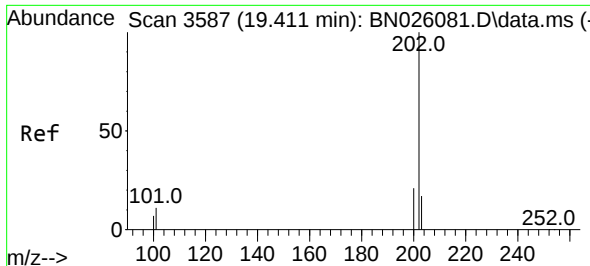
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.074 ng/ul
RT: 17.483 min Scan# 3150
Delta R.T. -0.012 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

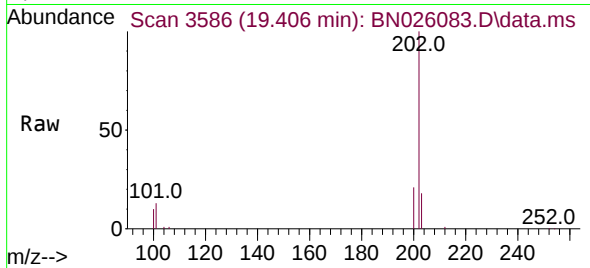
Tgt Ion:178 Resp: 6145
Ion Ratio Lower Upper
178 100
179 20.7 12.6 18.8#
176 22.6 15.1 22.7





#19
Fluoranthene
Concen: 0.848 ng/ul
RT: 19.406 min Scan# 3586
Delta R.T. -0.008 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

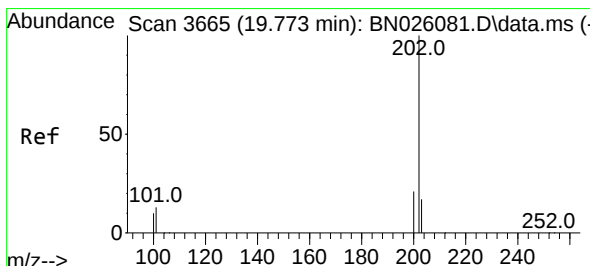
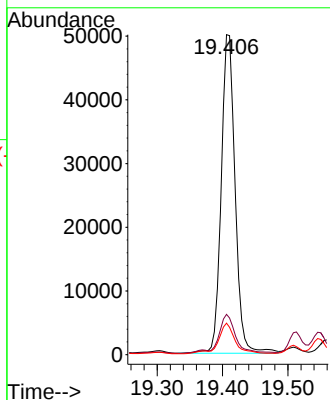
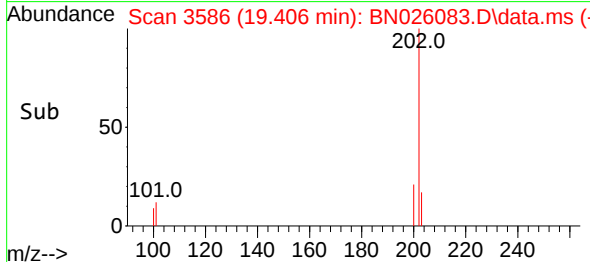
Instrument :
BNA_N
ClientSampleId :
DCFS4



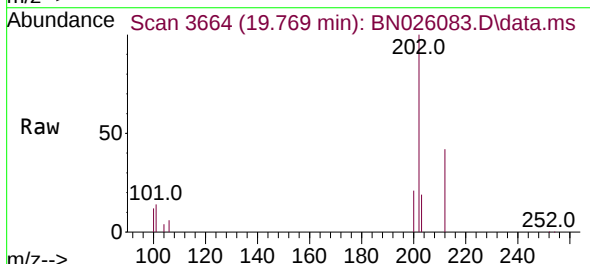
Tgt Ion:202 Resp: 7405
Ion Ratio Lower Upper
202 100
101 12.6 9.5 14.3
100 9.8 7.3 10.9

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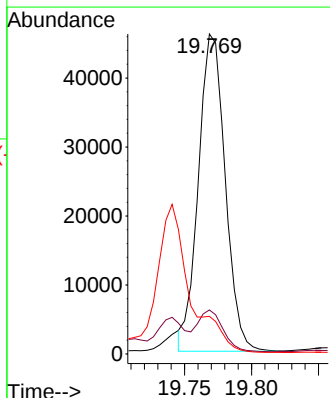
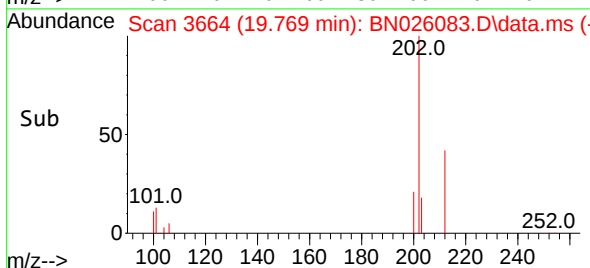
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

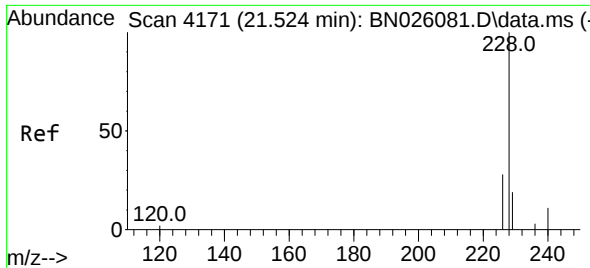


#20
Pyrene
Concen: 0.707 ng/ul m
RT: 19.769 min Scan# 3664
Delta R.T. -0.008 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49



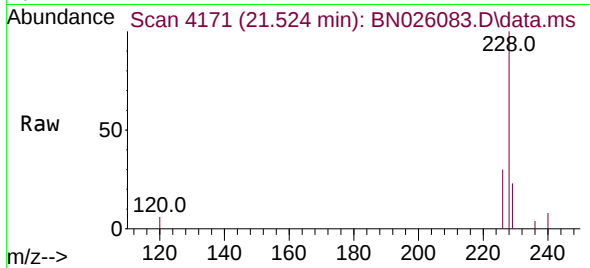
Tgt Ion:202 Resp: 64204
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 11.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.463 ng/ul
RT: 21.524 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

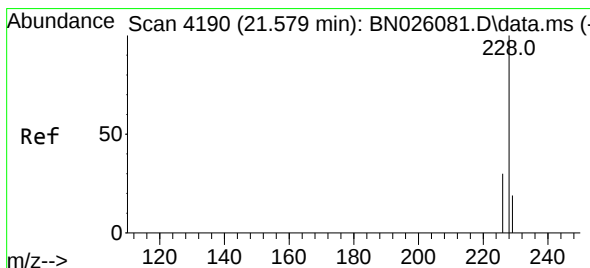
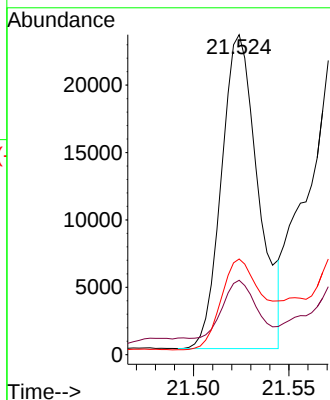
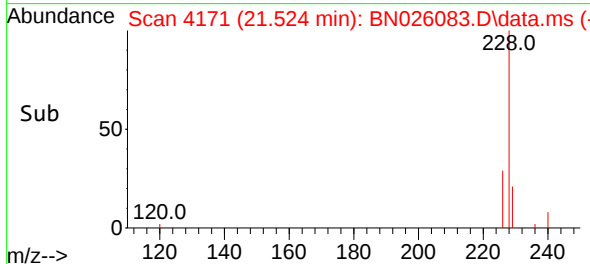
Instrument :
BNA_N
ClientSampleId :
DCFS4



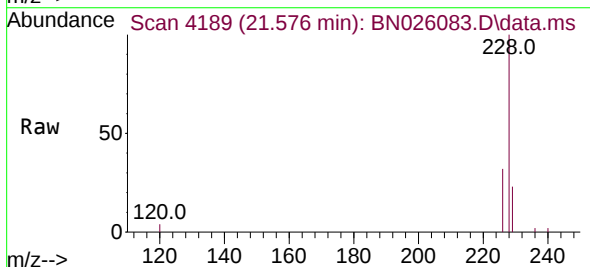
Tgt Ion:228 Resp: 3119
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 29.9 22.5 33.7

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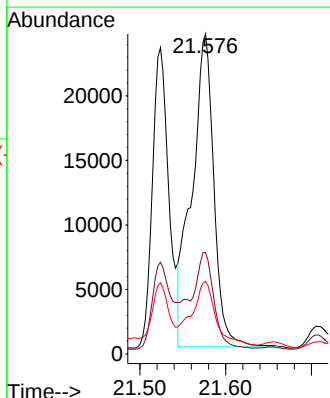
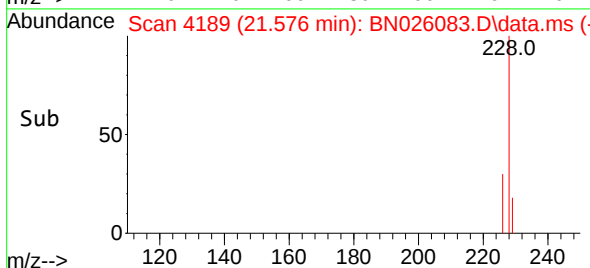
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023

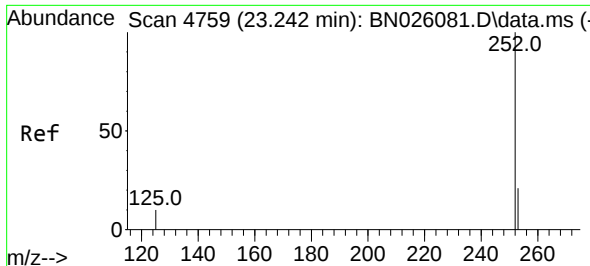


#22
Chrysene
Concen: 0.616 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.002 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49



Tgt Ion:228 Resp: 43189
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.7 15.7 23.5





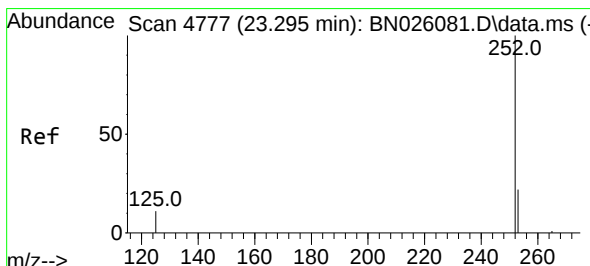
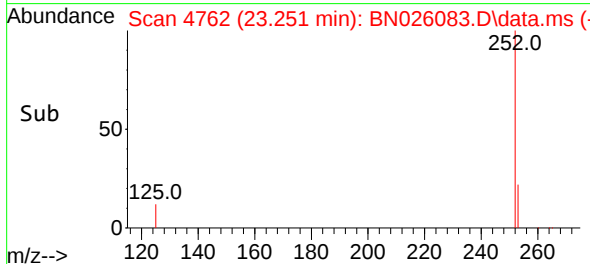
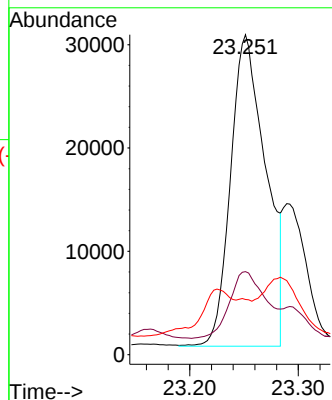
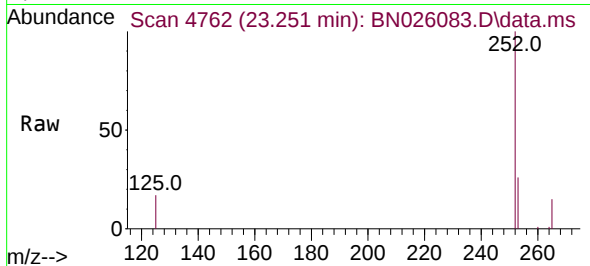
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Benzo(b)fluoranthene
Concen: 0.960 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.002 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

Instrument :
BNA_N
ClientSampleId :
DCFS4

Tgt Ion:252 Resp: 6804
Ion Ratio Lower Upper
252 100
253 26.0 0.0 55.6
125 17.2 0.0 35.8

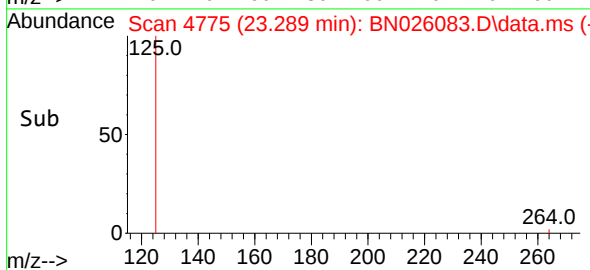
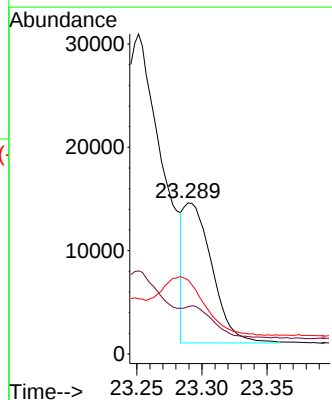
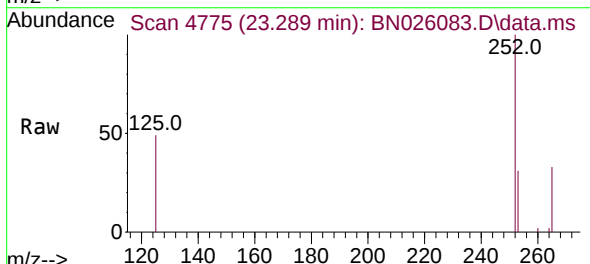
Manual Integrations
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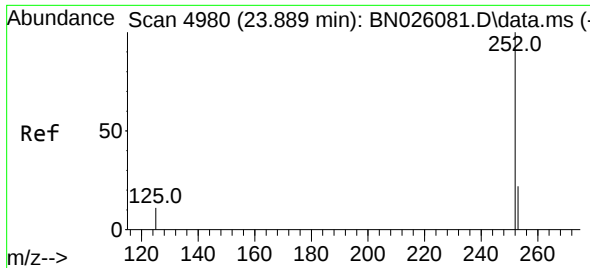
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.289 ng/ul m
RT: 23.289 min Scan# 4775
Delta R.T. -0.014 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

Tgt Ion:252 Resp: 20585
Ion Ratio Lower Upper
252 100
253 31.3 23.2 34.8
125 49.0 15.0 22.4#





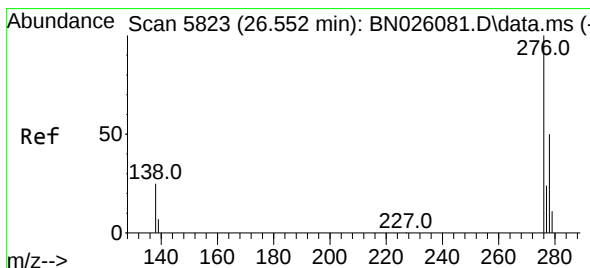
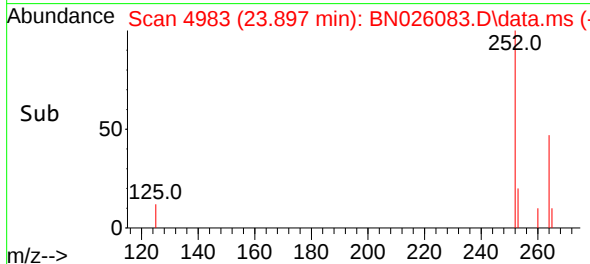
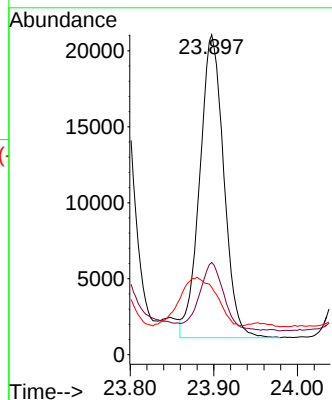
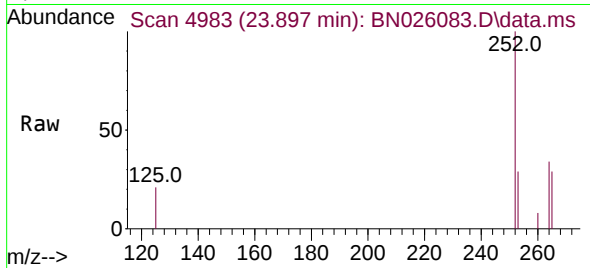
#26
Benzo(a)pyrene
Concen: 0.648 ng/ul
RT: 23.897 min Scan# 4983
Delta R.T. -0.008 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

Instrument :
BNA_N
ClientSampleId :
DCFS4

Tgt Ion:252 Resp: 39860
Ion Ratio Lower Upper
252 100
253 28.8 26.0 39.0
125 21.0 17.3 25.9

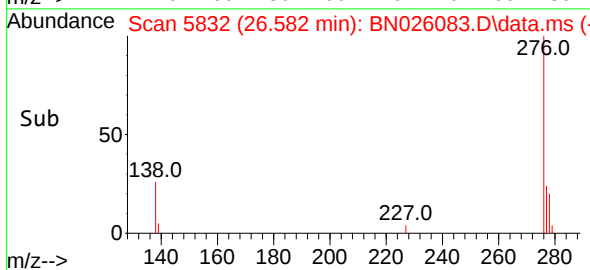
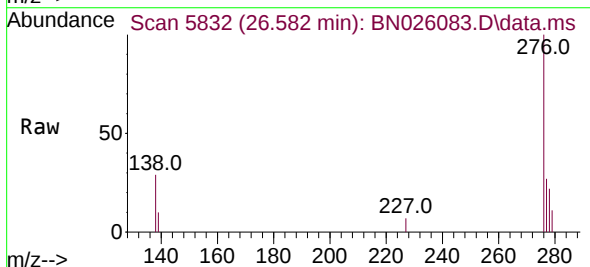
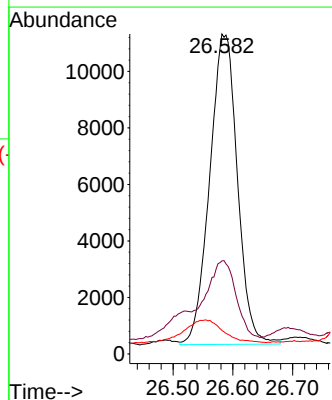
Manual Integrations
APPROVED

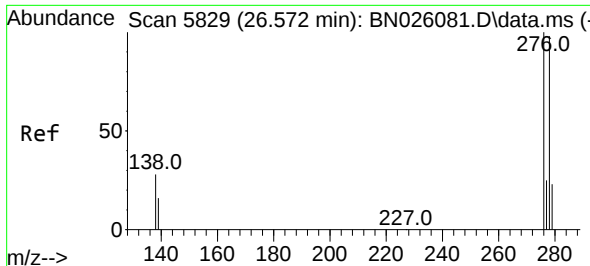
Reviewed By :Yogesh Patel 06/29/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.526 ng/ul
RT: 26.582 min Scan# 5832
Delta R.T. -0.012 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

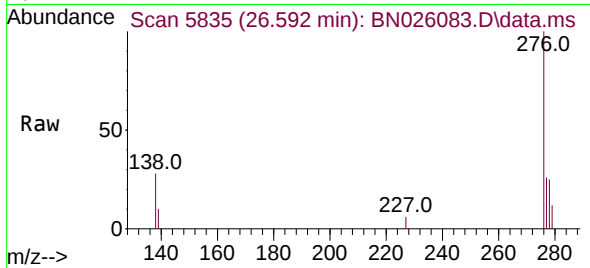
Tgt Ion:276 Resp: 35361
Ion Ratio Lower Upper
276 100
138 24.9 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.171 ng/ul
RT: 26.592 min Scan# 5835
Delta R.T. -0.023 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49

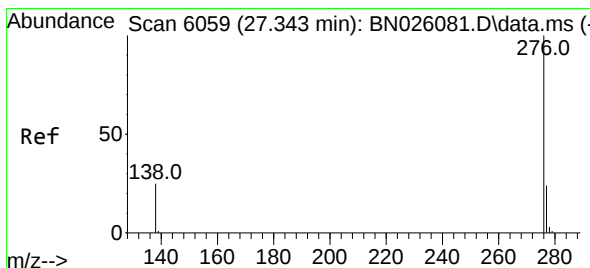
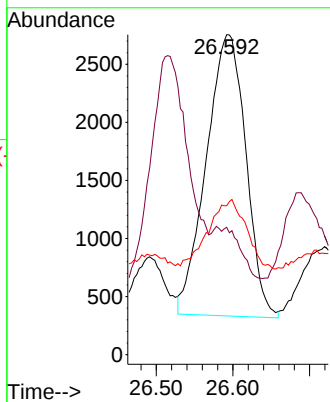
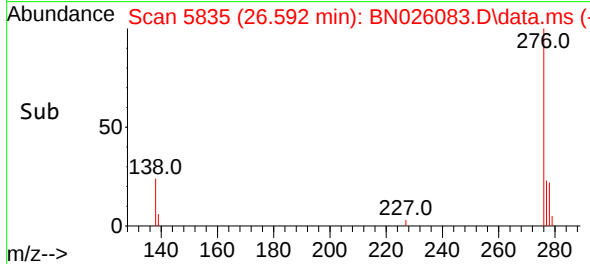
Instrument :
BNA_N
ClientSampleId :
DCFS4



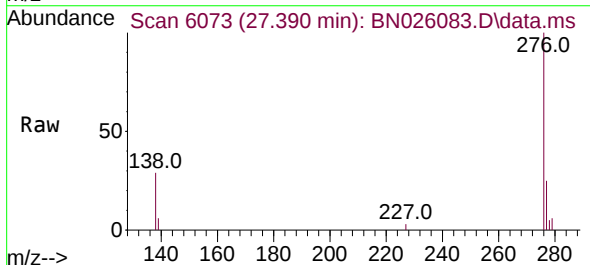
Tgt Ion:278 Resp: 8690
Ion Ratio Lower Upper
278 100
139 39.8 19.0 28.4
279 46.5 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 0.673 ng/ul
RT: 27.390 min Scan# 6073
Delta R.T. 0.004 min
Lab File: BN026083.D
Acq: 29 Jun 2023 07:49



Tgt Ion:276 Resp: 40232
Ion Ratio Lower Upper
276 100
138 28.8 23.4 35.0
277 25.5 20.0 30.0

