

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025998.D
 Acq On : 24 Jun 2023 10:10
 Operator : MA/JU
 Sample : 03085-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFP0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/25/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 23:48:32 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 : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	8904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.787	136	28827	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.613	164	18008	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	39082	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	22899	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	20918	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	28716	2.864	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.376	152	10110	0.228	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	23759	0.273	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.836	128	2982	0.036	ng/ul#	86
7) 2-Methylnaphthalene	12.447	142	1793	0.034	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	1263	0.023	ng/ul	100
10) Acenaphthylene	14.335	152	5645	0.067	ng/ul#	93
15) Phenanthrene	17.402	178	22421	0.174	ng/ul	99
16) Anthracene	17.491	178	4458	0.039	ng/ul#	87
19) Fluoranthene	19.415	202	72267	0.591	ng/ul	97
20) Pyrene	19.777	202	59752m	0.470	ng/ul	
21) Benzo(a)anthracene	21.529	228	28540	0.302	ng/ul	94
22) Chrysene	21.582	228	37122	0.378	ng/ul#	95
24) Benzo(b)fluoranthene	23.260	252	51969m	0.582	ng/ul	
25) Benzo(k)fluoranthene	23.303	252	16993m	0.190	ng/ul	
26) Benzo(a)pyrene	23.909	252	29631	0.382	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.601	276	28712	0.339	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.608	278	6492	0.101	ng/ul#	57
29) Benzo(g,h,i)perylene	27.406	276	28680	0.381	ng/ul	97

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

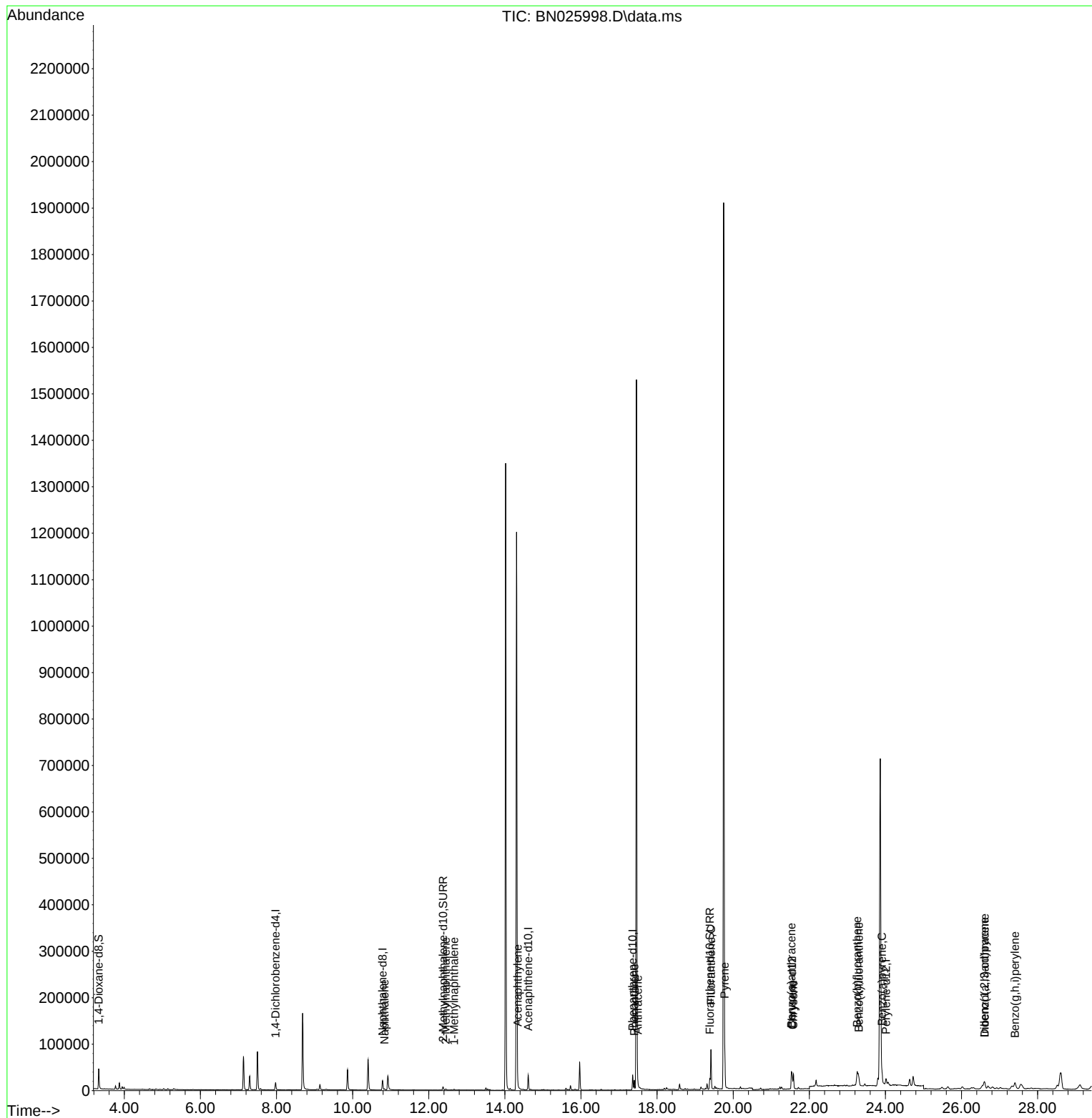
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025998.D
Acq On : 24 Jun 2023 10:10
Operator : MA/JU
Sample : 03085-04
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ALS Vial : 26 Sample Multiplier: 1

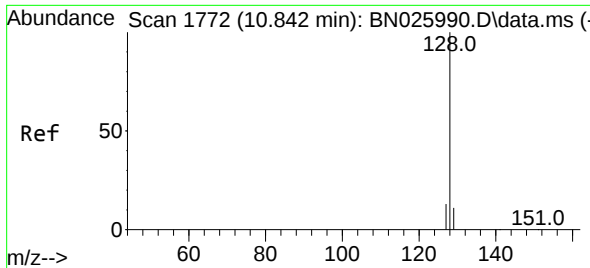
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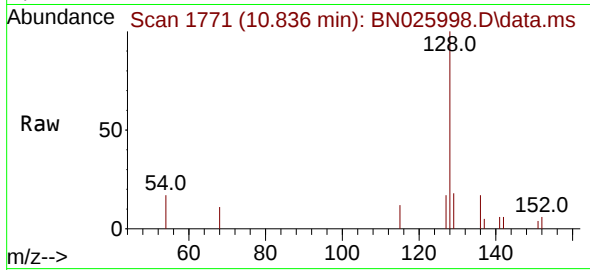
Quant Time: Jun 24 23:48:32 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.836 min Scan# 1771
Delta R.T. -0.011 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

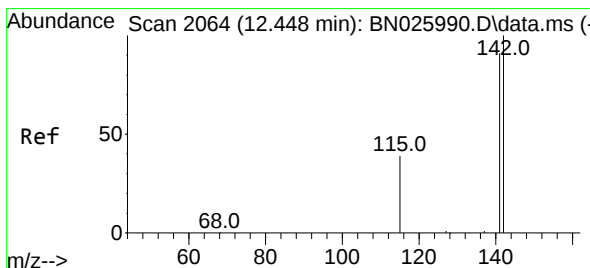
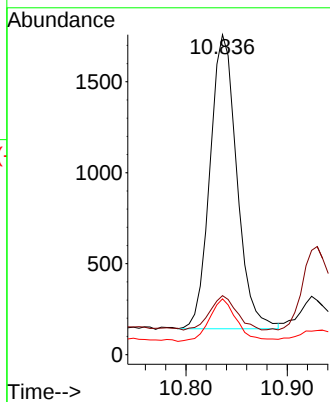
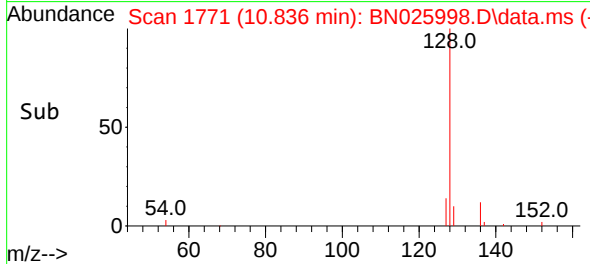
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:128 Resp: 2982
Ion Ratio Lower Upper
128 100
129 18.4 9.1 13.7
127 17.5 10.7 16.1

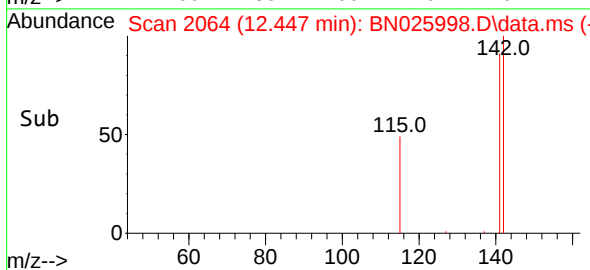
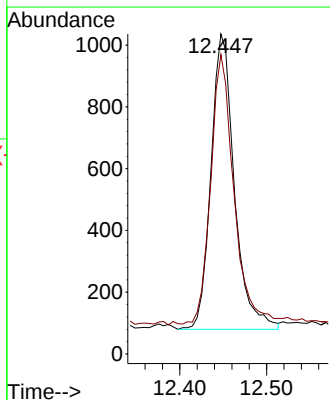
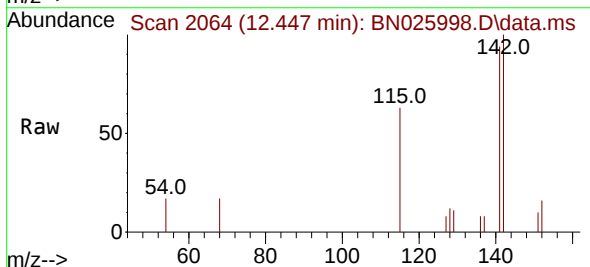
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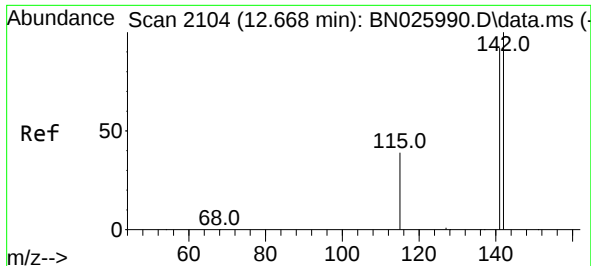
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.447 min Scan# 2064
Delta R.T. -0.006 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

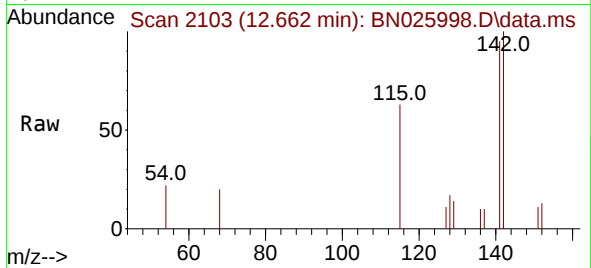
Tgt Ion:142 Resp: 1793
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. -0.011 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

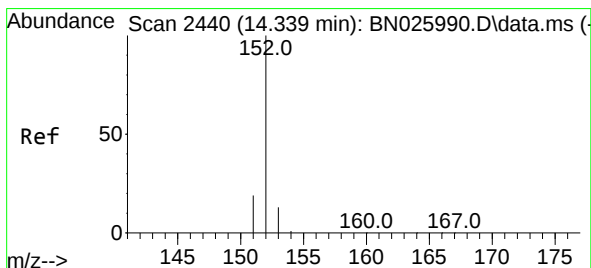
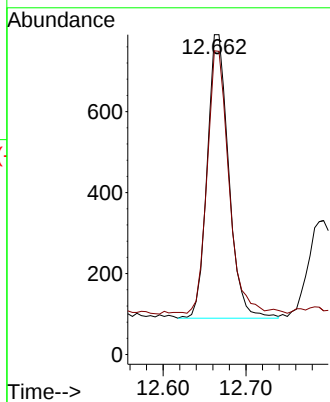
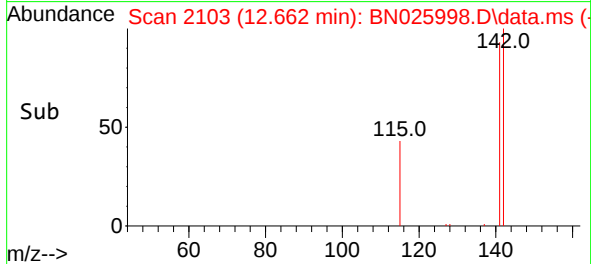
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
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141 92.5 74.2 111.4

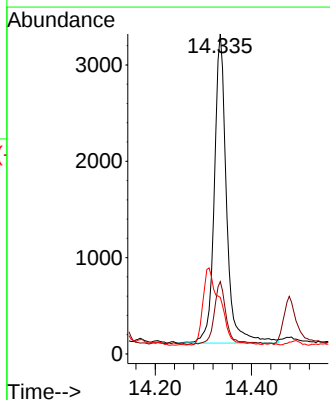
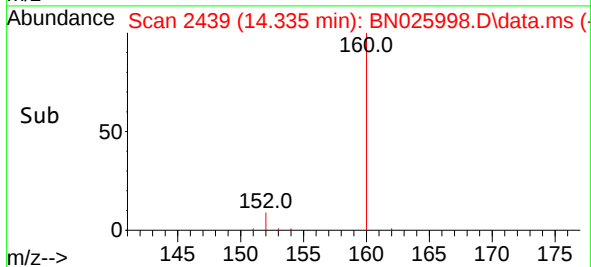
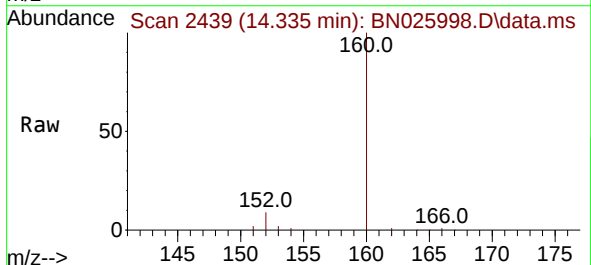
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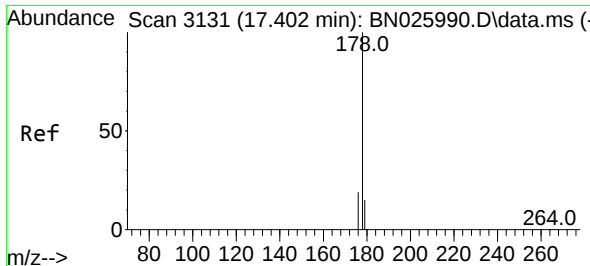
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.335 min Scan# 2439
Delta R.T. -0.009 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

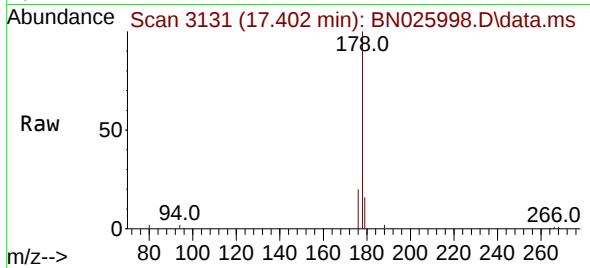
Tgt Ion:152 Resp: 5645
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4
153 17.7 10.9 16.3#





#15
Phenanthrene
Concen: 0.174 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

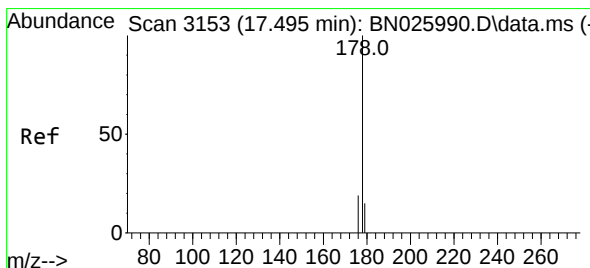
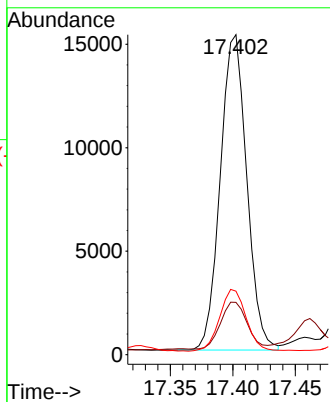
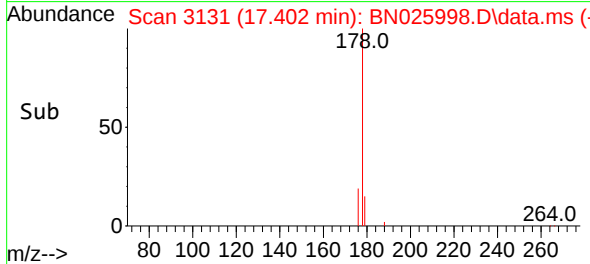
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:178 Resp: 2242
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 19.9 15.8 23.6

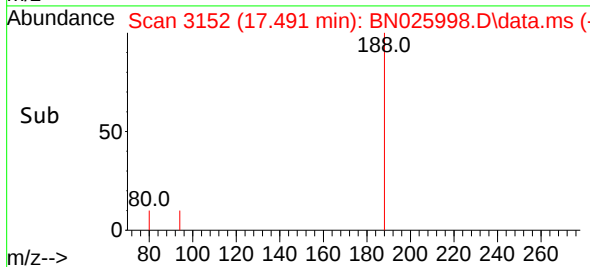
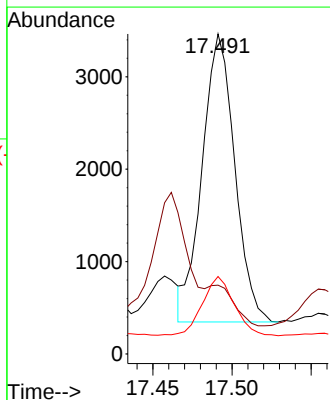
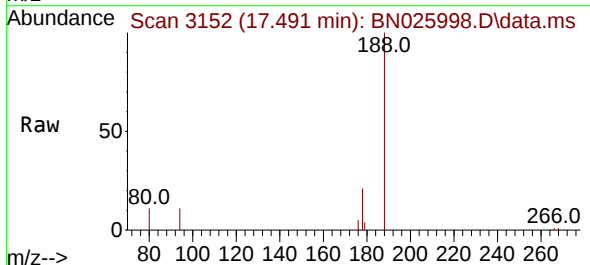
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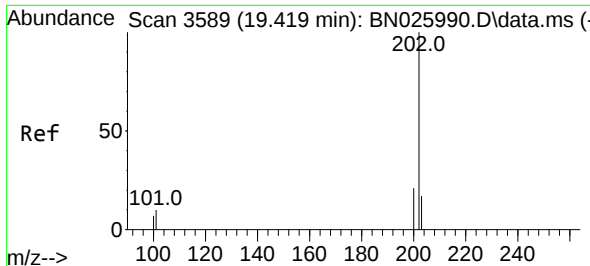
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.039 ng/u1
RT: 17.491 min Scan# 3152
Delta R.T. -0.008 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

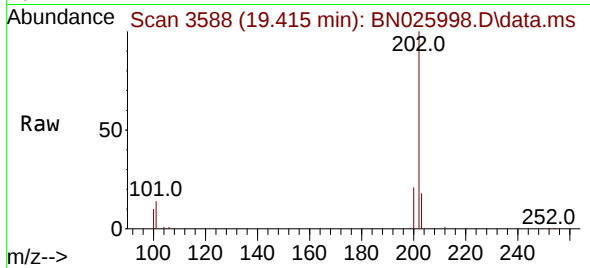
Tgt Ion:178 Resp: 4458
Ion Ratio Lower Upper
178 100
179 21.5 12.6 18.8#
176 24.2 15.1 22.7#





#19
Fluoranthene
Concen: 0.591 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

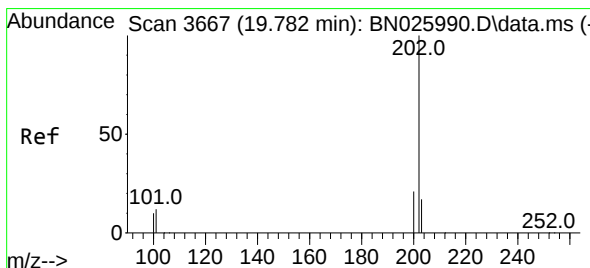
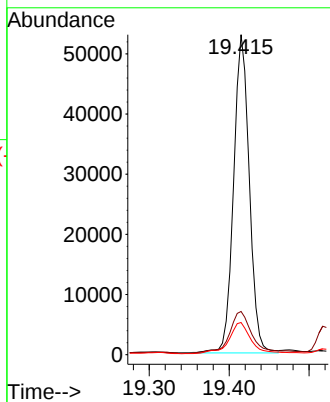
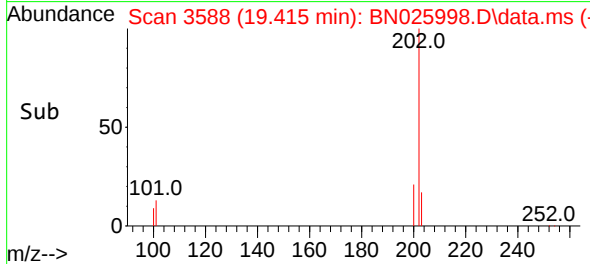
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:202 Resp: 7226
Ion Ratio Lower Upper
202 100
101 13.5 9.5 14.3
100 10.0 7.3 10.9

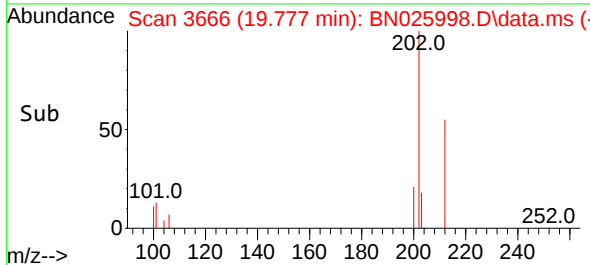
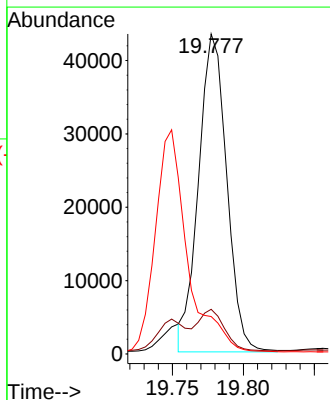
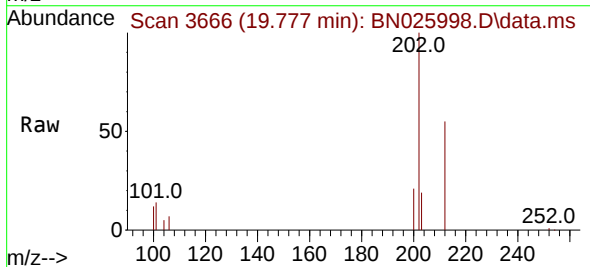
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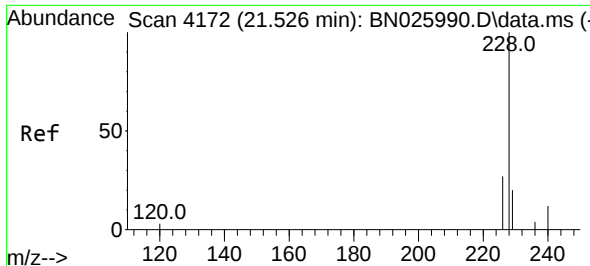
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#20
Pyrene
Concen: 0.470 ng/ul m
RT: 19.777 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

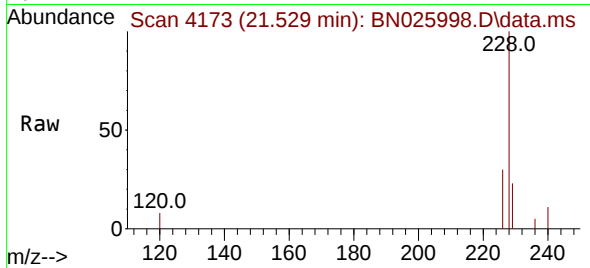
Tgt Ion:202 Resp: 59752
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 11.7 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.302 ng/u1
RT: 21.529 min Scan# 4173
Delta R.T. -0.003 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

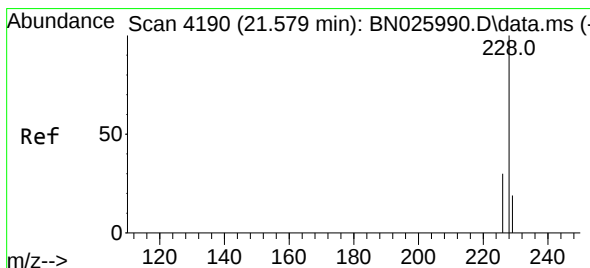
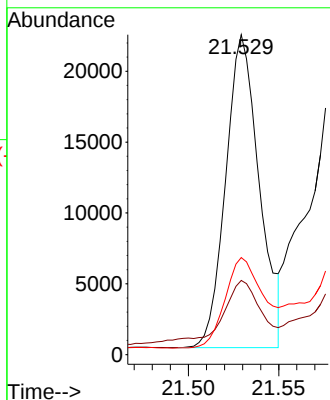
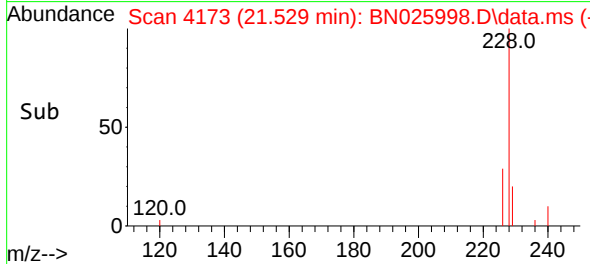
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:228 Resp: 28540
Ion Ratio Lower Upper
228 100
229 23.2 15.8 23.6
226 30.3 22.5 33.7

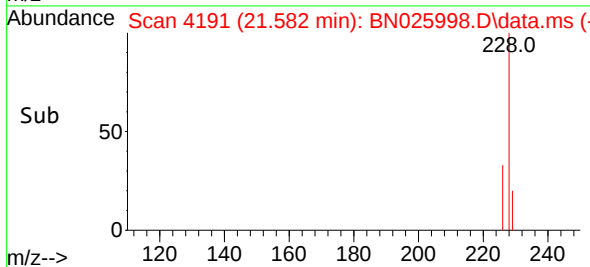
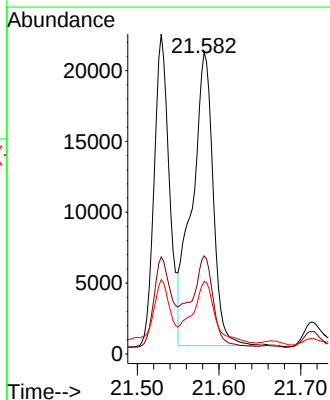
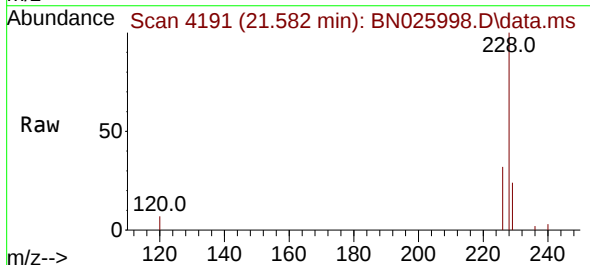
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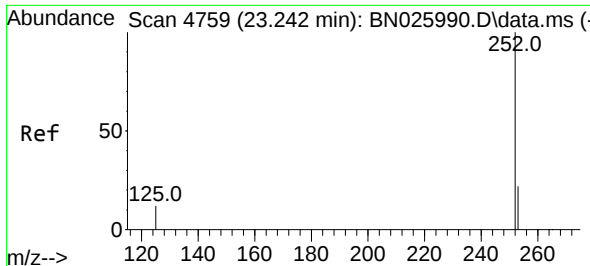
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 0.378 ng/u1
RT: 21.582 min Scan# 4191
Delta R.T. -0.003 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

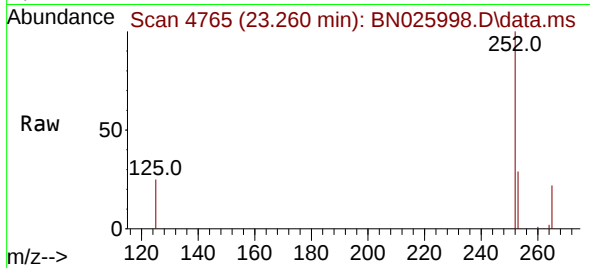
Tgt Ion:228 Resp: 37122
Ion Ratio Lower Upper
228 100
226 32.5 24.8 37.2
229 24.0 15.7 23.5#





#24
Benzo(b)fluoranthene
Concen: 0.582 ng/ul m
RT: 23.260 min Scan# 4765
Delta R.T. 0.003 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

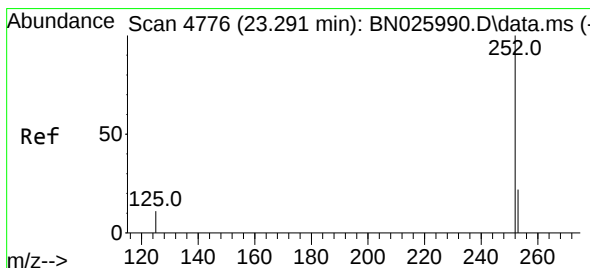
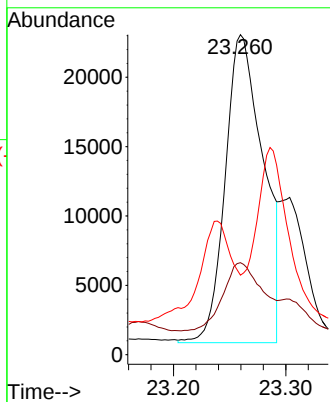
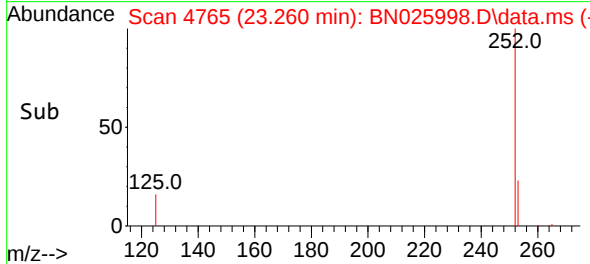
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:252 Resp: 51969
Ion Ratio Lower Upper
252 100
253 28.7 0.0 55.6
125 24.9 0.0 35.8

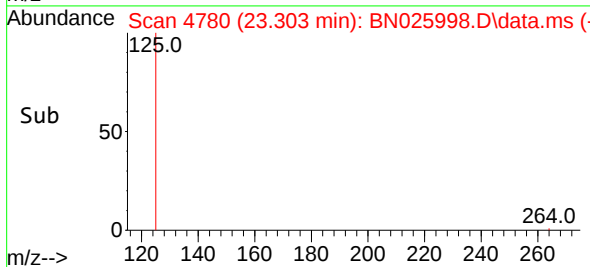
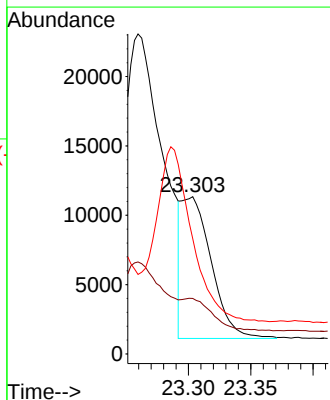
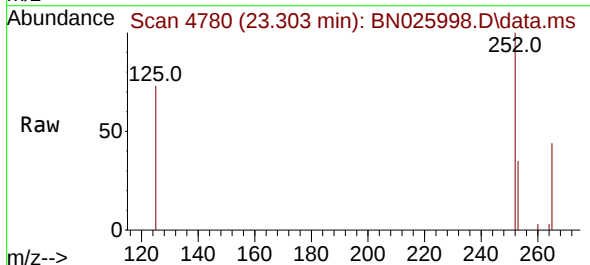
Manual Integrations
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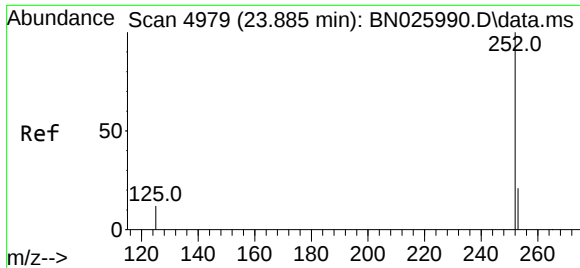
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.190 ng/ul m
RT: 23.303 min Scan# 4780
Delta R.T. -0.006 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

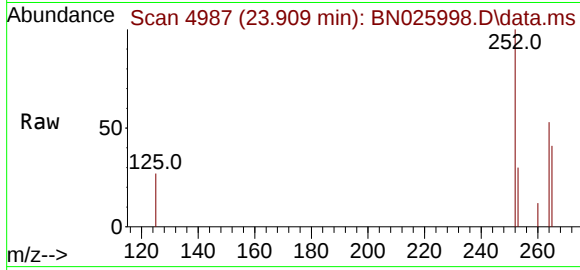
Tgt Ion:252 Resp: 16993
Ion Ratio Lower Upper
252 100
253 35.3 23.2 34.8#
125 73.2 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.382 ng/ul
RT: 23.909 min Scan# 4979
Delta R.T. 0.000 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

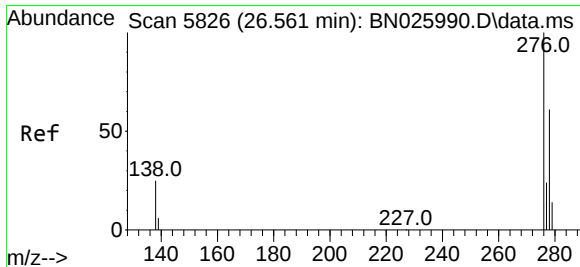
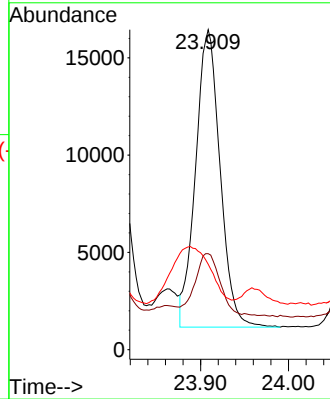
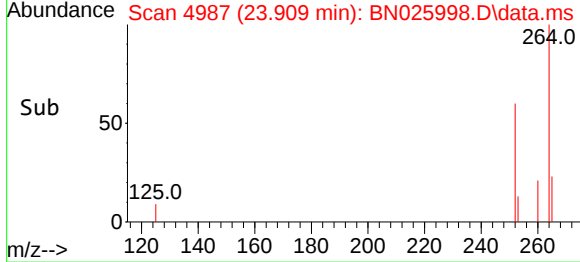
Instrument :
BNA_N
ClientSampleId :
DCFP0



Tgt Ion:252 Resp: 2963
Ion Ratio Lower Upper
252 100
253 30.0 26.0 39.0
125 26.7 17.3 25.9

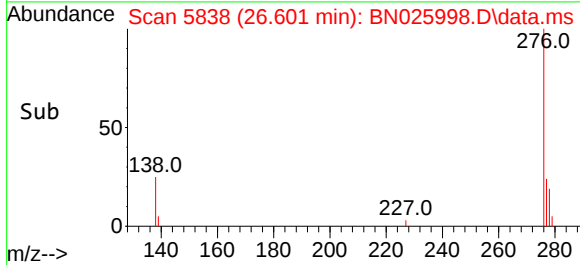
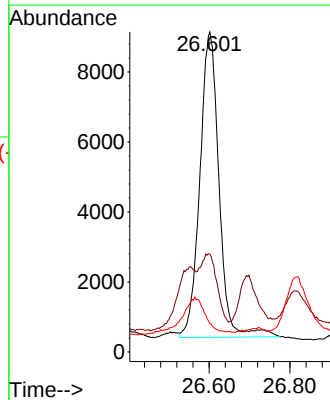
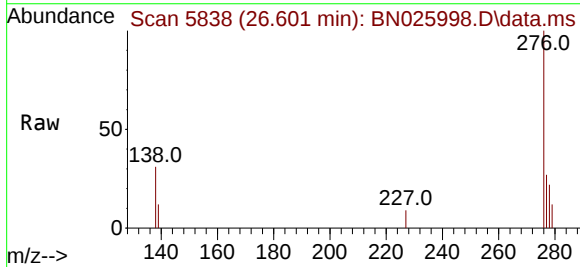
Manual Integrations
APPROVED

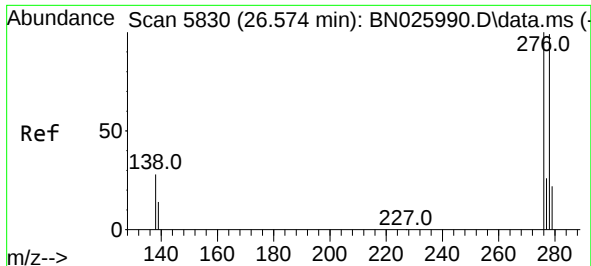
Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.601 min Scan# 5838
Delta R.T. 0.007 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

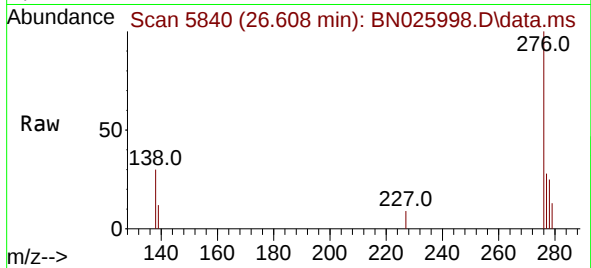
Tgt Ion:276 Resp: 28712
Ion Ratio Lower Upper
276 100
138 44.4 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.013 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10

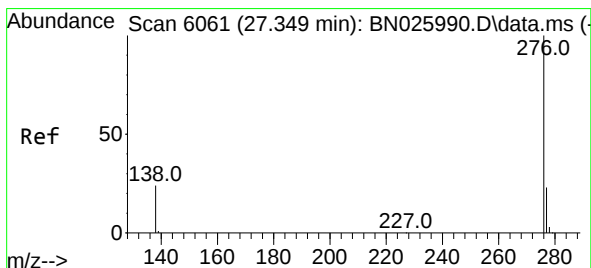
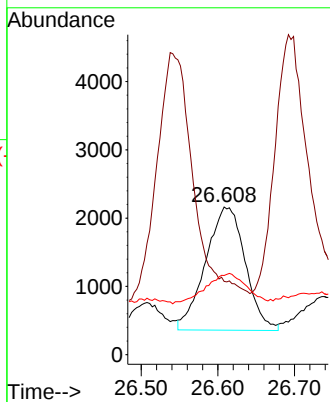
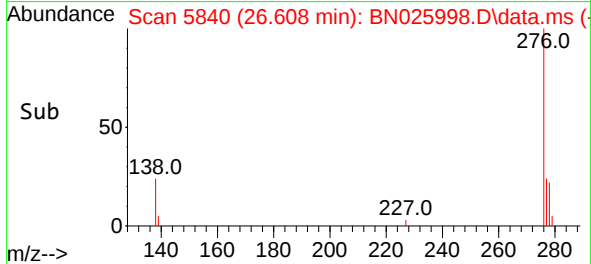
Instrument :
BNA_N
ClientSampleId :
DCFP0



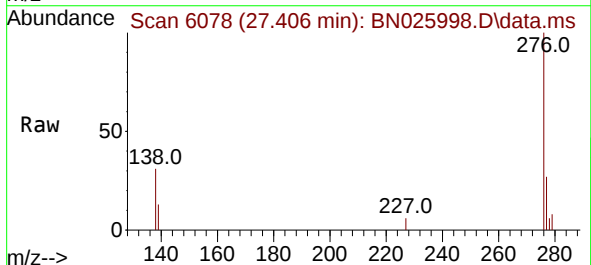
Tgt Ion:278 Resp: 6492
Ion Ratio Lower Upper
278 100
139 49.6 19.0 28.4
279 53.6 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/25/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.406 min Scan# 6078
Delta R.T. 0.020 min
Lab File: BN025998.D
Acq: 24 Jun 2023 10:10



Tgt Ion:276 Resp: 28680
Ion Ratio Lower Upper
276 100
138 30.6 23.4 35.0
277 26.5 20.0 30.0

