

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025980.D
 Acq On : 23 Jun 2023 22:40
 Operator : MA/JU
 Sample : 03083-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFL3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :mohammad ahmed 06/25/2023

Quant Time: Jun 24 01:01:52 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	8651	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	17278	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	37063	0.400	ng/ul	0.00
17) Chrysene-d12	21.546	240	22146	0.400	ng/ul	0.00
23) Perylene-d12	24.016	264	19444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	28357	2.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	9679	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	22187	0.263	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.842	128	16176	0.203	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	10298	0.203	ng/ul	99
8) 1-Methylnaphthalene	12.667	142	6722	0.128	ng/ul	99
10) Acenaphthylene	14.339	152	8990	0.111	ng/ul#	94
11) Acenaphthene	14.676	153	6180	0.093	ng/ul	97
12) Fluorene	15.662	166	5783	0.076	ng/ul#	94
15) Phenanthrene	17.402	178	215371	1.759	ng/ul	99
16) Anthracene	17.494	178	28405	0.261	ng/ul	98
19) Fluoranthene	19.419	202	490886	4.150	ng/ul	97
20) Pyrene	19.776	202	385846	3.136	ng/ul	98
21) Benzo(a)anthracene	21.528	228	171492	1.877	ng/ul	98
22) Chrysene	21.581	228	206423	2.171	ng/ul	97
24) Benzo(b)fluoranthene	23.259	252	244782m	2.950	ng/ul	
25) Benzo(k)fluoranthene	23.300	252	74900m	0.899	ng/ul	
26) Benzo(a)pyrene	23.908	252	139319	1.933	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.597	276	108273	1.375	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.607	278	26590	0.446	ng/ul#	92
29) Benzo(g,h,i)perylene	27.402	276	109807	1.568	ng/ul	96

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

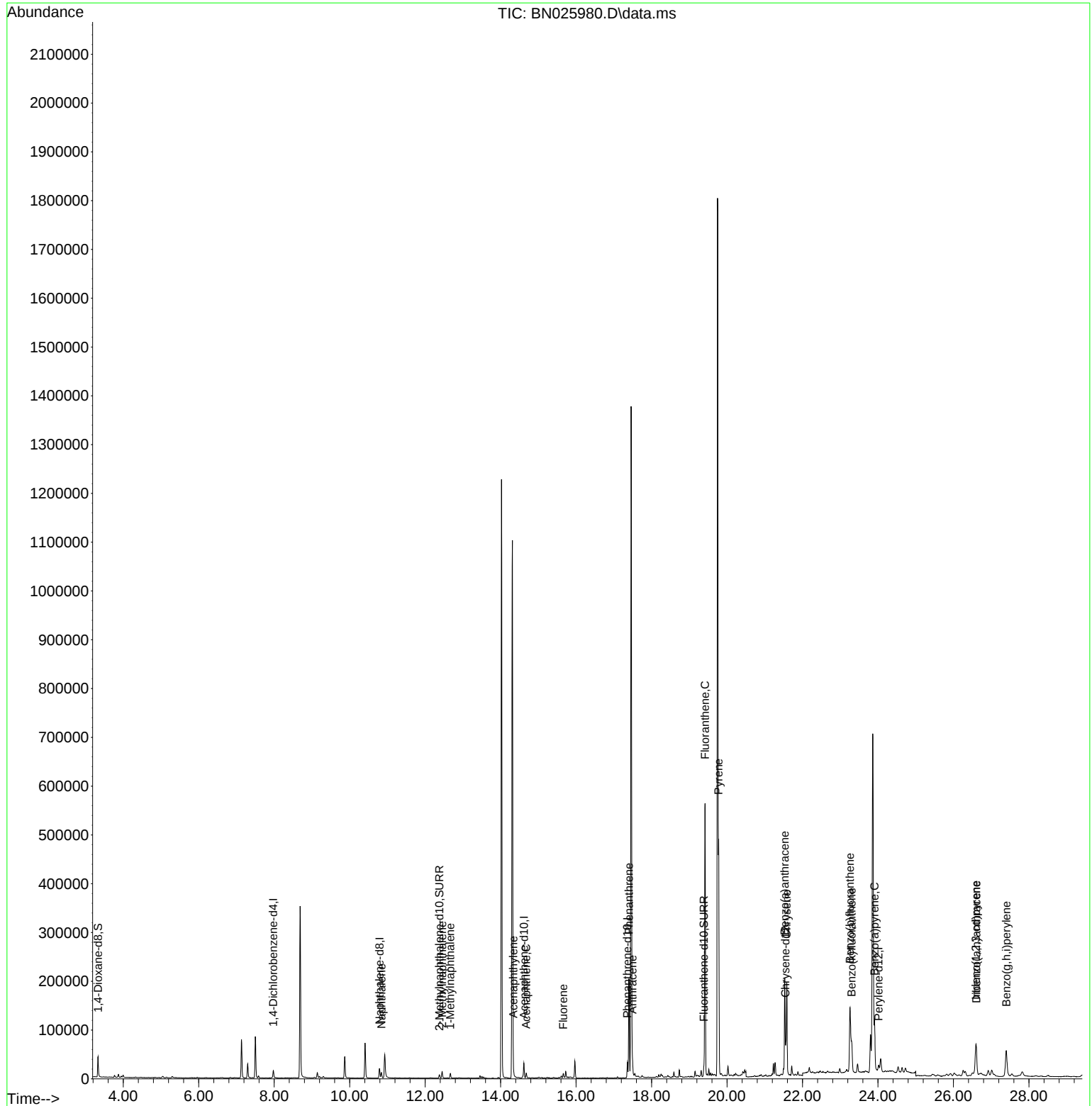
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025980.D
Acq On : 23 Jun 2023 22:40
Operator : MA/JU
Sample : 03083-15
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ALS Vial : 8 Sample Multiplier: 1

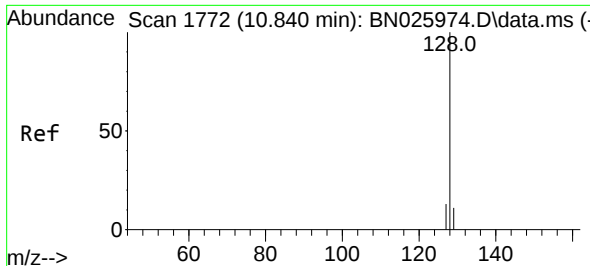
Instrument :
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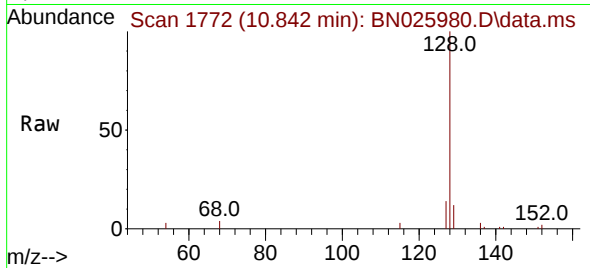
Quant Time: Jun 24 01:01:52 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.842 min Scan# 11
Delta R.T. -0.006 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

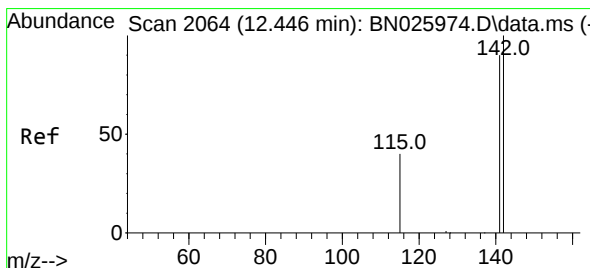
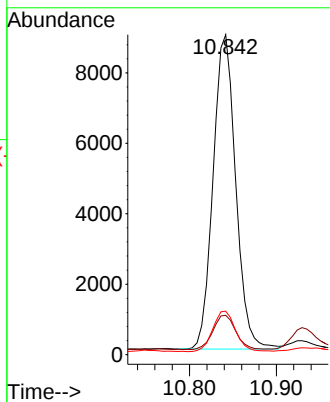
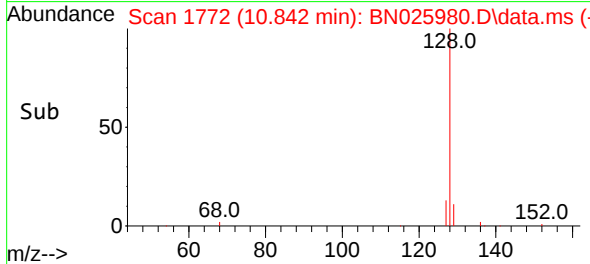
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:128 Resp: 16170
Ion Ratio Lower Upper
128 100
129 12.3 9.1 13.7
127 13.6 10.7 16.1

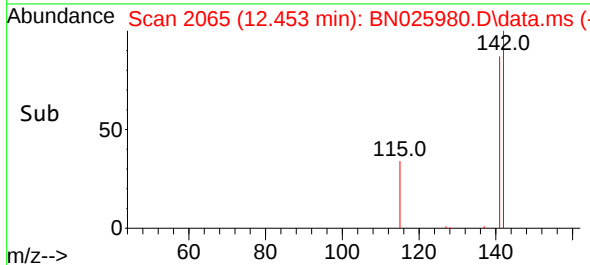
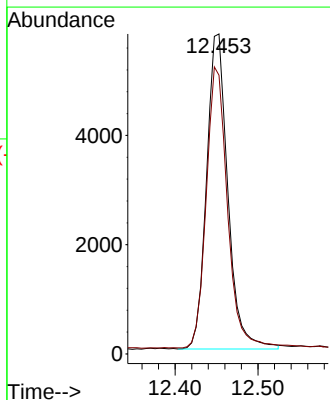
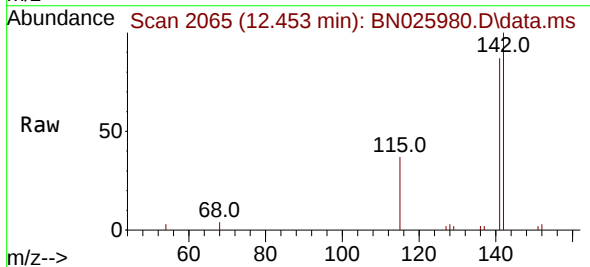
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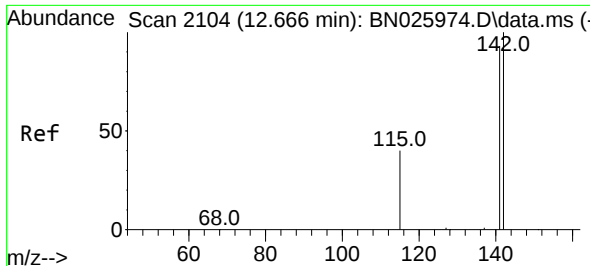
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#7
2-Methylnaphthalene
Concen: 0.203 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

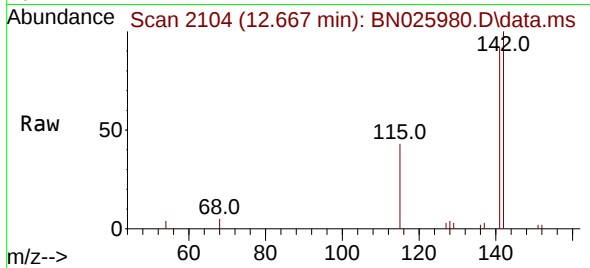
Tgt Ion:142 Resp: 10298
Ion Ratio Lower Upper
142 100
141 88.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.128 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

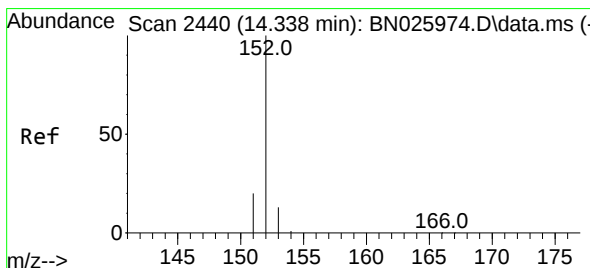
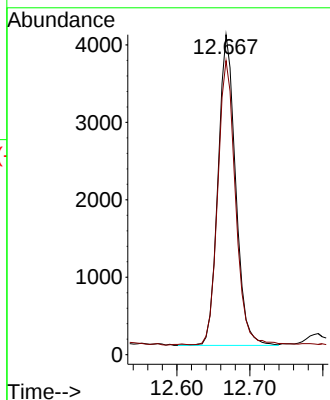
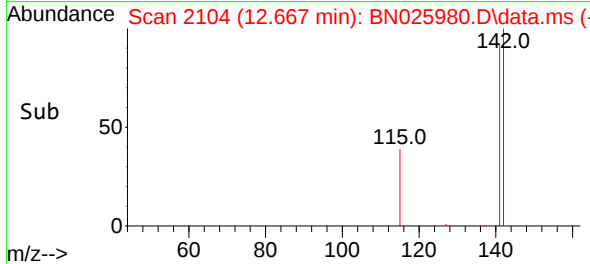
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:142 Resp: 672
Ion Ratio Lower Upper
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141 92.2 74.2 111.4

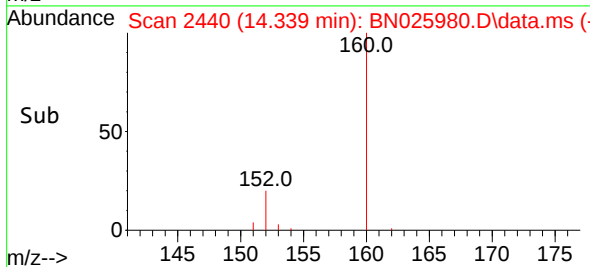
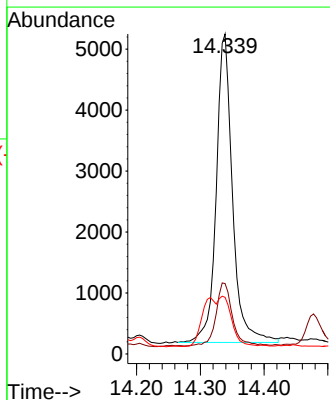
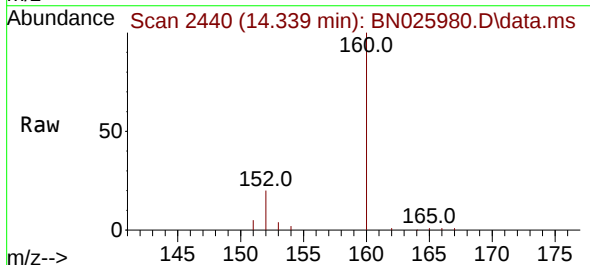
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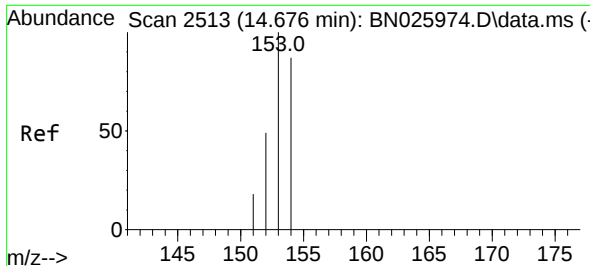
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#10
Acenaphthylene
Concen: 0.111 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

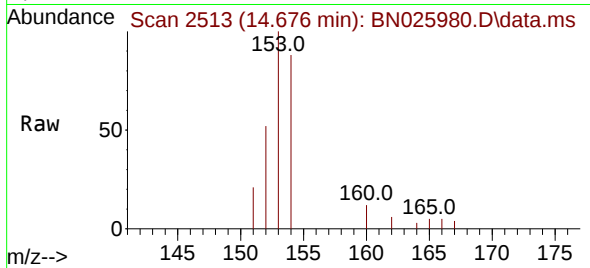
Tgt Ion:152 Resp: 8990
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.4
153 17.7 10.9 16.3#





#11
Acenaphthene
Concen: 0.093 ng/u1
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

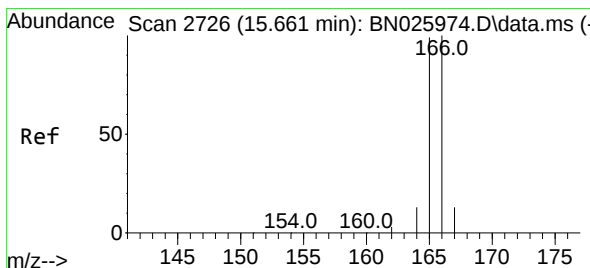
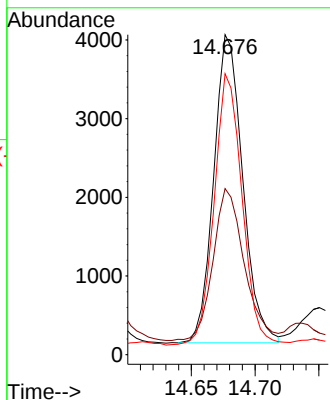
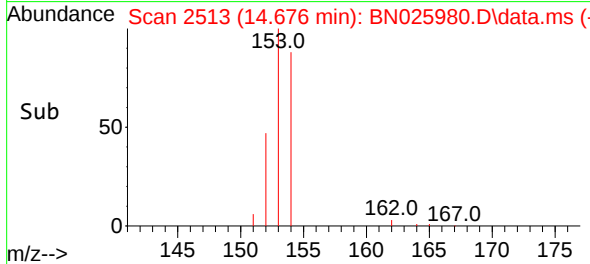
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:153 Resp: 6180
Ion Ratio Lower Upper
153 100
152 51.9 39.4 59.0
154 87.8 68.9 103.3

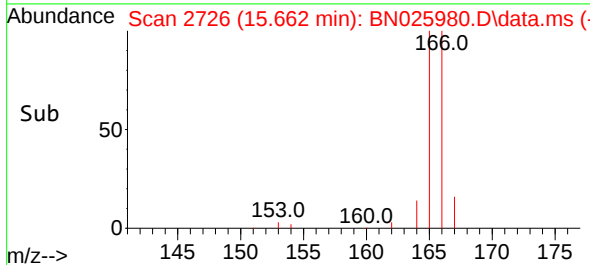
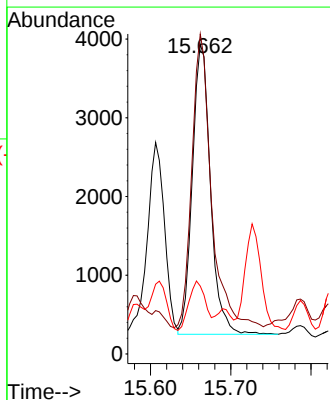
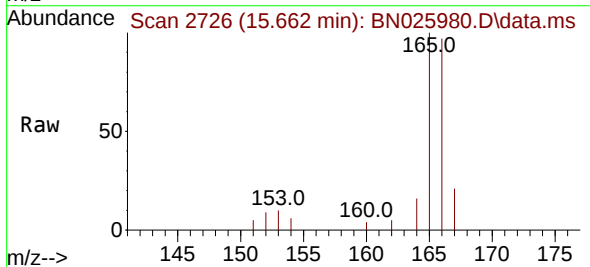
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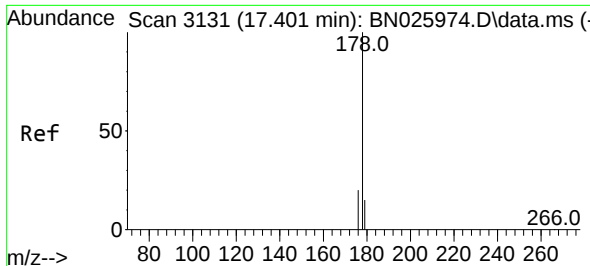
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#12
Fluorene
Concen: 0.076 ng/u1
RT: 15.662 min Scan# 2726
Delta R.T. -0.005 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

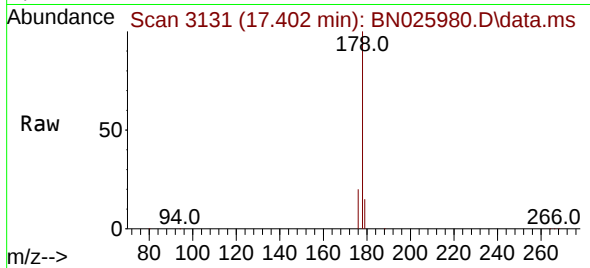
Tgt Ion:166 Resp: 5783
Ion Ratio Lower Upper
166 100
165 103.3 79.9 119.9
167 21.9 10.8 16.2#





#15
Phenanthrene
Concen: 1.759 ng/u1
RT: 17.402 min Scan# 3131
Delta R.T. -0.004 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

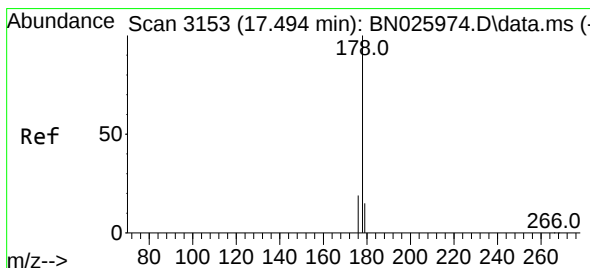
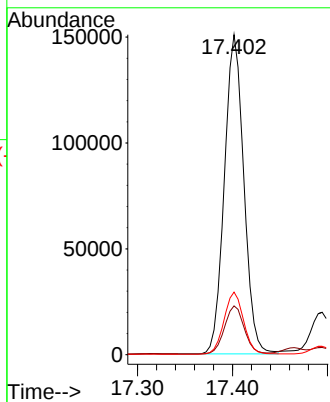
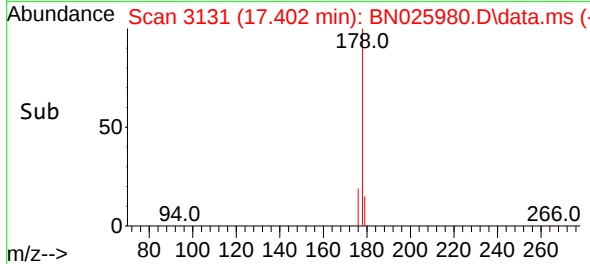
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:178 Resp: 21537
Ion Ratio Lower Upper
178 100
179 15.2 12.6 19.0
176 19.5 15.8 23.6

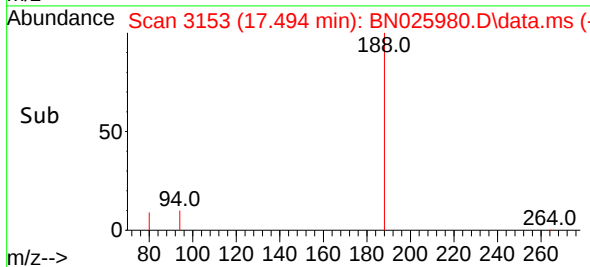
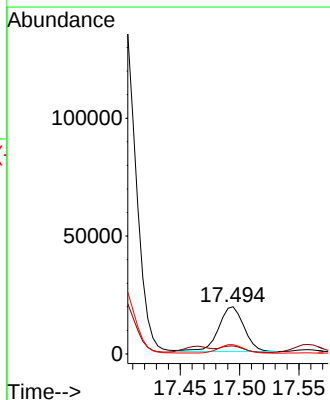
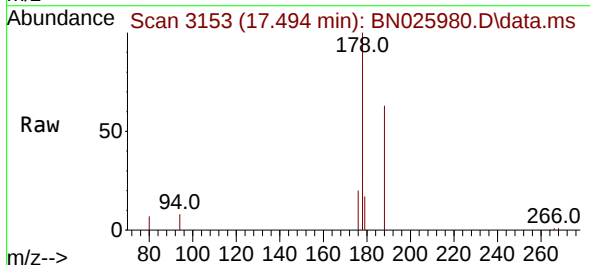
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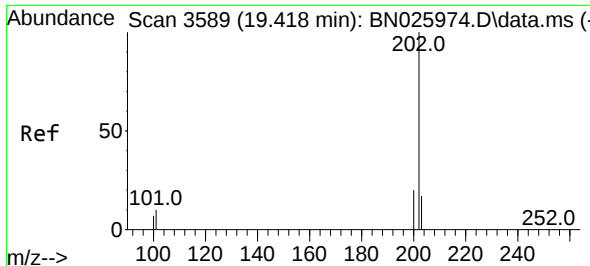
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#16
Anthracene
Concen: 0.261 ng/u1
RT: 17.494 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

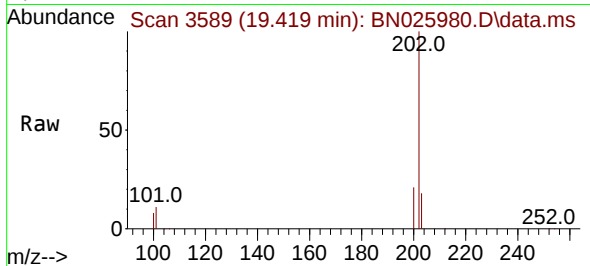
Tgt Ion:178 Resp: 28405
Ion Ratio Lower Upper
178 100
179 17.1 12.6 18.8
176 19.6 15.1 22.7





#19
Fluoranthene
Concen: 4.150 ng/u1
RT: 19.419 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

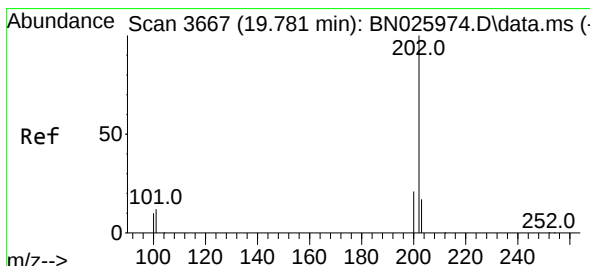
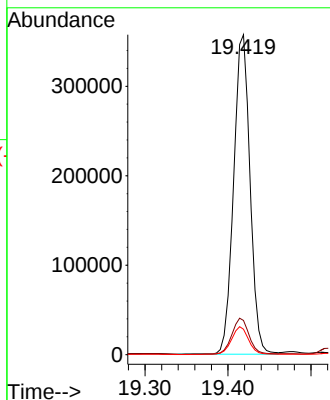
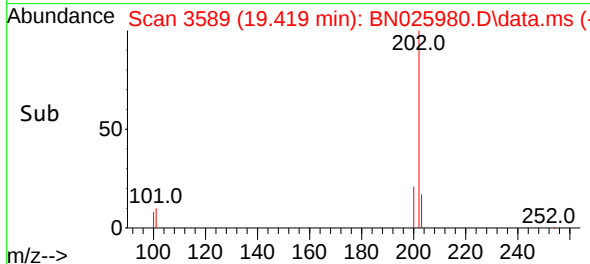
Instrument :
BNA_N
ClientSampleId :
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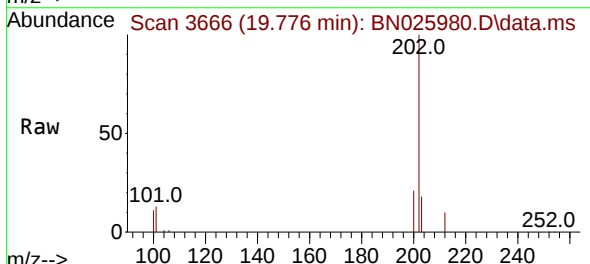
Tgt Ion:202 Resp: 490880
Ion Ratio Lower Upper
202 100
101 10.7 9.5 14.3
100 7.9 7.3 10.9

Manual Integrations
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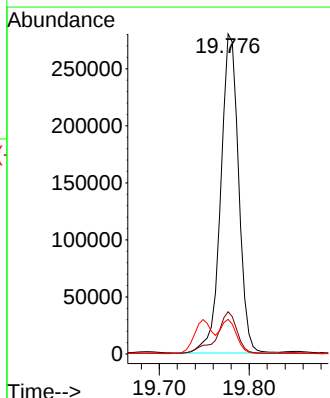
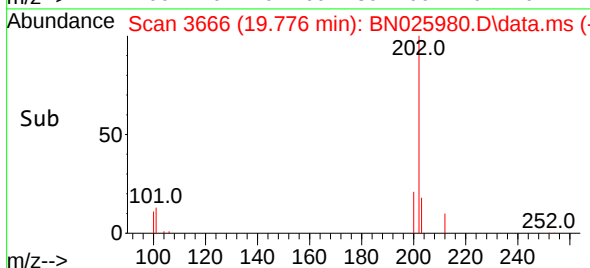
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023

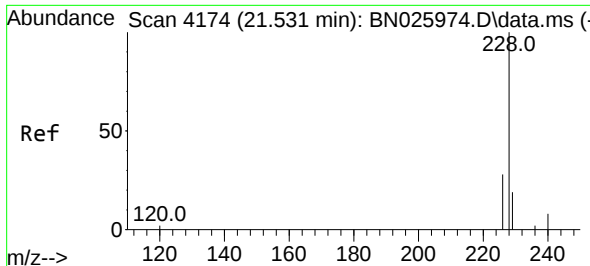


#20
Pyrene
Concen: 3.136 ng/u1
RT: 19.776 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40



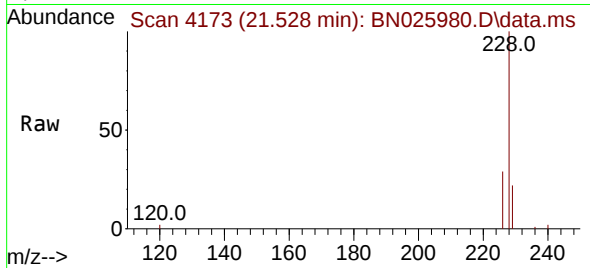
Tgt Ion:202 Resp: 385846
Ion Ratio Lower Upper
202 100
101 13.2 11.4 17.0
100 10.8 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.877 ng/ul
RT: 21.528 min Scan# 4173
Delta R.T. -0.004 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

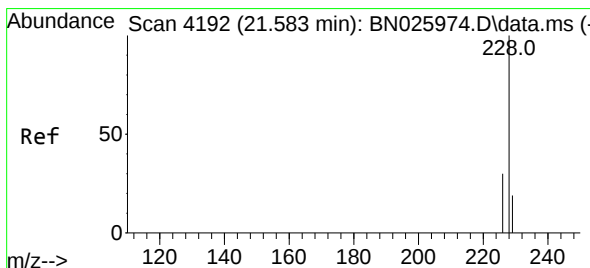
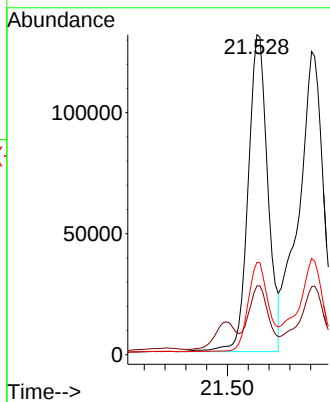
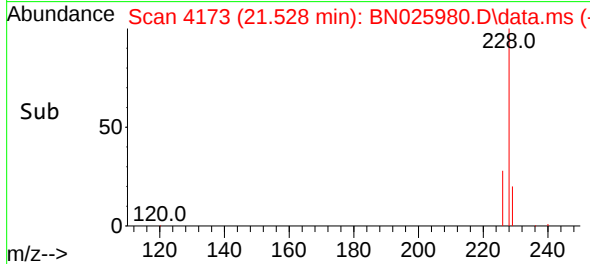
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:228 Resp: 171492
Ion Ratio Lower Upper
228 100
229 21.5 15.8 23.6
226 28.9 22.5 33.7

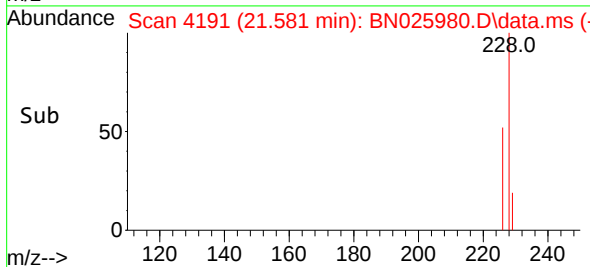
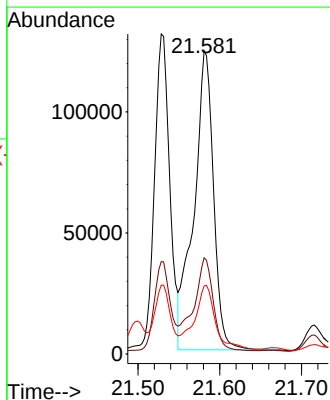
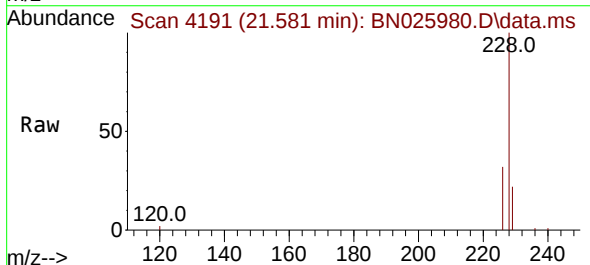
Manual Integrations
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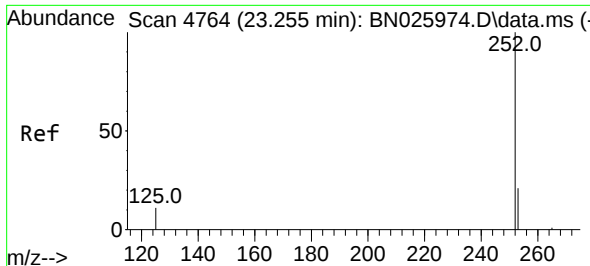
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#22
Chrysene
Concen: 2.171 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. -0.004 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

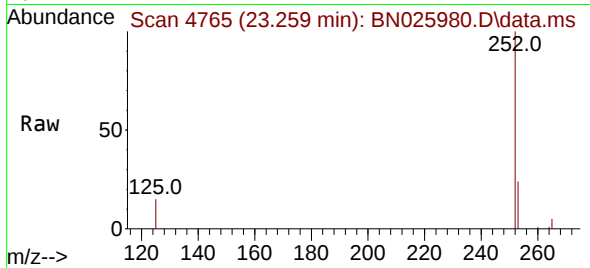
Tgt Ion:228 Resp: 206423
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.4 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.950 ng/ul m
RT: 23.259 min Scan# 4765
Delta R.T. 0.002 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

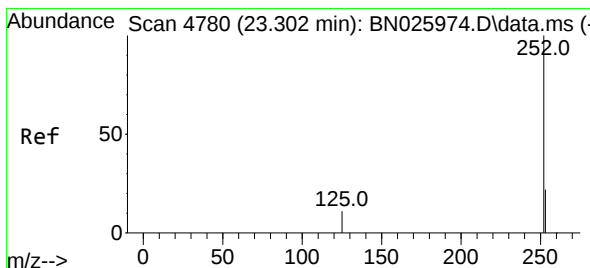
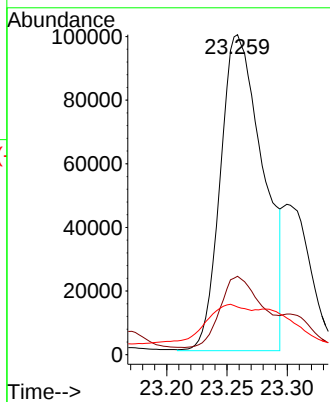
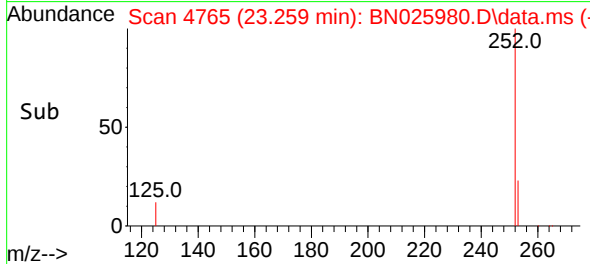
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:252 Resp: 24478
Ion Ratio Lower Upper
252 100
253 24.5 0.0 55.6
125 14.9 0.0 35.8

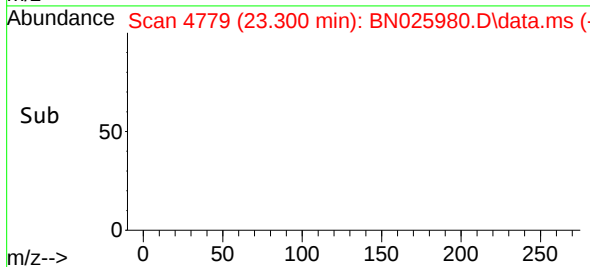
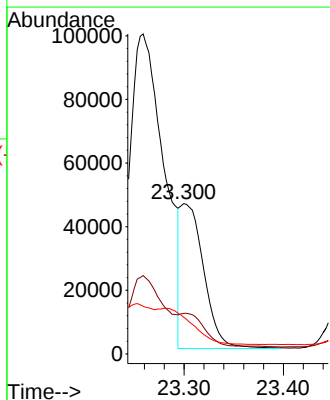
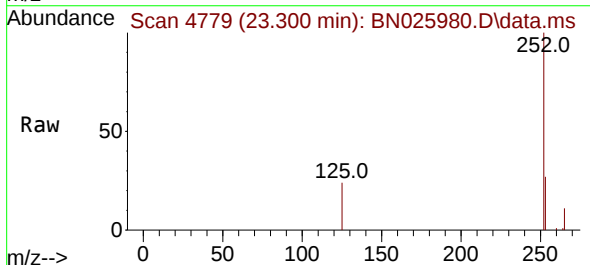
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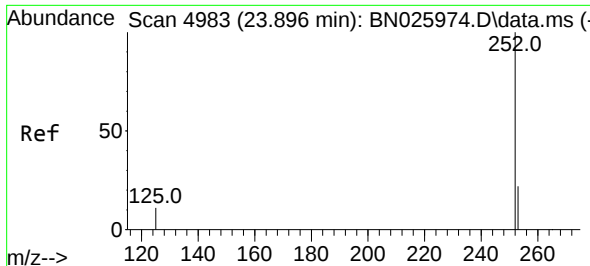
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#25
Benzo(k)fluoranthene
Concen: 0.899 ng/ul m
RT: 23.300 min Scan# 4779
Delta R.T. -0.009 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

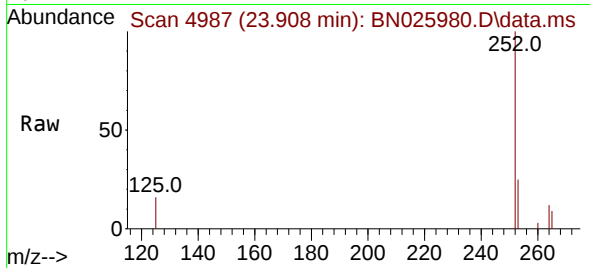
Tgt Ion:252 Resp: 74900
Ion Ratio Lower Upper
252 100
253 27.0 23.2 34.8
125 24.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 1.933 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. -0.001 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

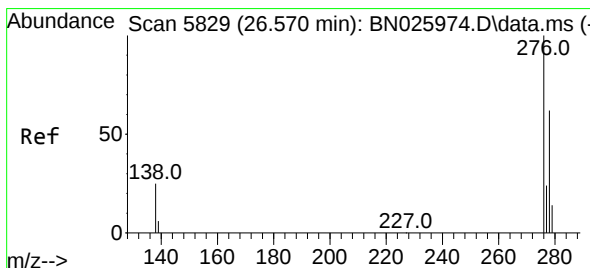
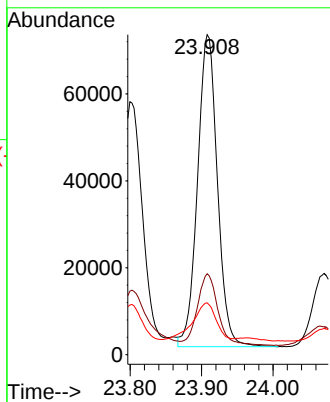
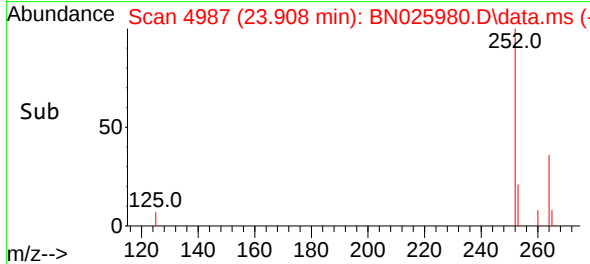
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:252 Resp: 139319
Ion Ratio Lower Upper
252 100
253 25.3 26.0 39.0
125 16.2 17.3 25.9

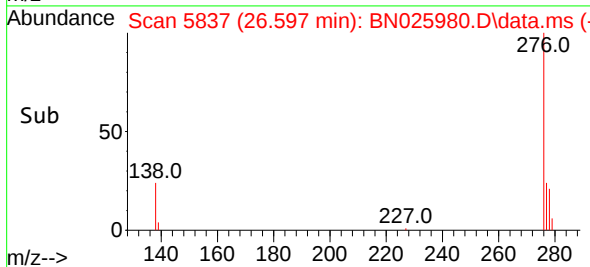
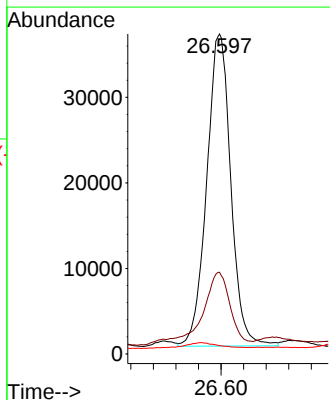
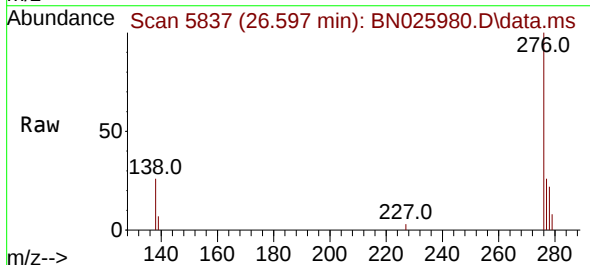
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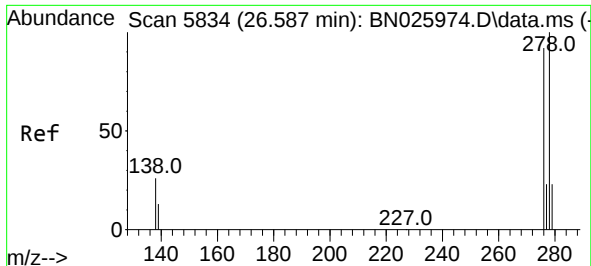
Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.375 ng/ul
RT: 26.597 min Scan# 5837
Delta R.T. 0.003 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

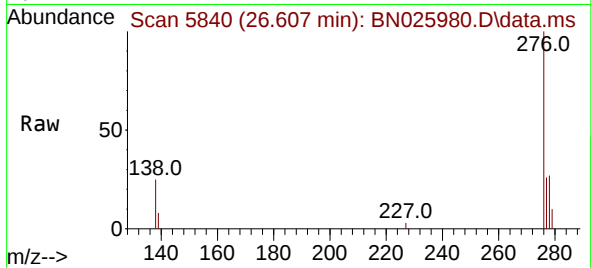
Tgt Ion:276 Resp: 108273
Ion Ratio Lower Upper
276 100
138 22.3 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.446 ng/ul
RT: 26.607 min Scan# 5840
Delta R.T. -0.014 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

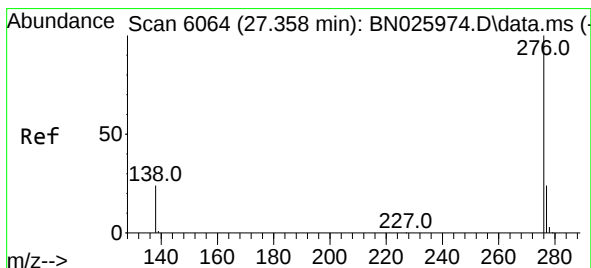
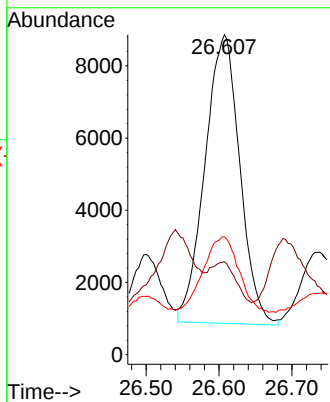
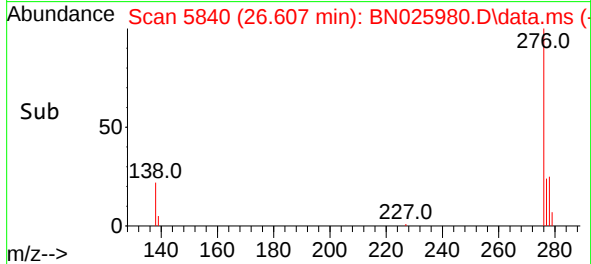
Instrument :
BNA_N
ClientSampleId :
DCFL3



Tgt Ion:278 Resp: 26590
Ion Ratio Lower Upper
278 100
139 29.0 19.0 28.4
279 36.8 26.7 40.1

Manual Integrations
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Reviewed By :Yogesh Patel 06/24/2023
Supervised By :mohammad ahmed 06/25/2023



#29
Benzo(g,h,i)perylene
Concen: 1.568 ng/ul
RT: 27.402 min Scan# 6077
Delta R.T. 0.016 min
Lab File: BN025980.D
Acq: 23 Jun 2023 22:40

Tgt Ion:276 Resp: 109807
Ion Ratio Lower Upper
276 100
138 25.5 23.4 35.0
277 25.3 20.0 30.0

