

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
 Data File : BN025950.D
 Acq On : 22 Jun 2023 22:48
 Operator : MA/JU
 Sample : 03083-09DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFK7DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023

Quant Time: Jun 23 01:05:26 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	7.980	152	8374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15912	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	34120	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	21201	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	16869	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4623	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	1420	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3295	0.041	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.842	128	4473	0.059	ng/ul#	94
7) 2-Methylnaphthalene	12.458	142	3244	0.067	ng/ul	98
8) 1-Methylnaphthalene	12.673	142	2808	0.056	ng/ul	99
10) Acenaphthylene	14.340	152	6259	0.084	ng/ul	94
15) Phenanthrene	17.403	178	35102	0.311	ng/ul	99
16) Anthracene	17.496	178	4629	0.046	ng/ul#	91
19) Fluoranthene	19.415	202	83465	0.737	ng/ul	100
20) Pyrene	19.778	202	69164	0.587	ng/ul	99
21) Benzo(a)anthracene	21.530	228	32660	0.373	ng/ul	96
22) Chrysene	21.582	228	39721	0.436	ng/ul	96
24) Benzo(b)fluoranthene	23.257	252	46481m	0.646	ng/ul	
25) Benzo(k)fluoranthene	23.301	252	15026m	0.208	ng/ul	
26) Benzo(a)pyrene	23.909	252	26573	0.425	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.595	276	21958	0.321	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.609	278	5946	0.115	ng/ul#	66
29) Benzo(g,h,i)perylene	27.394	276	26041	0.429	ng/ul	99

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

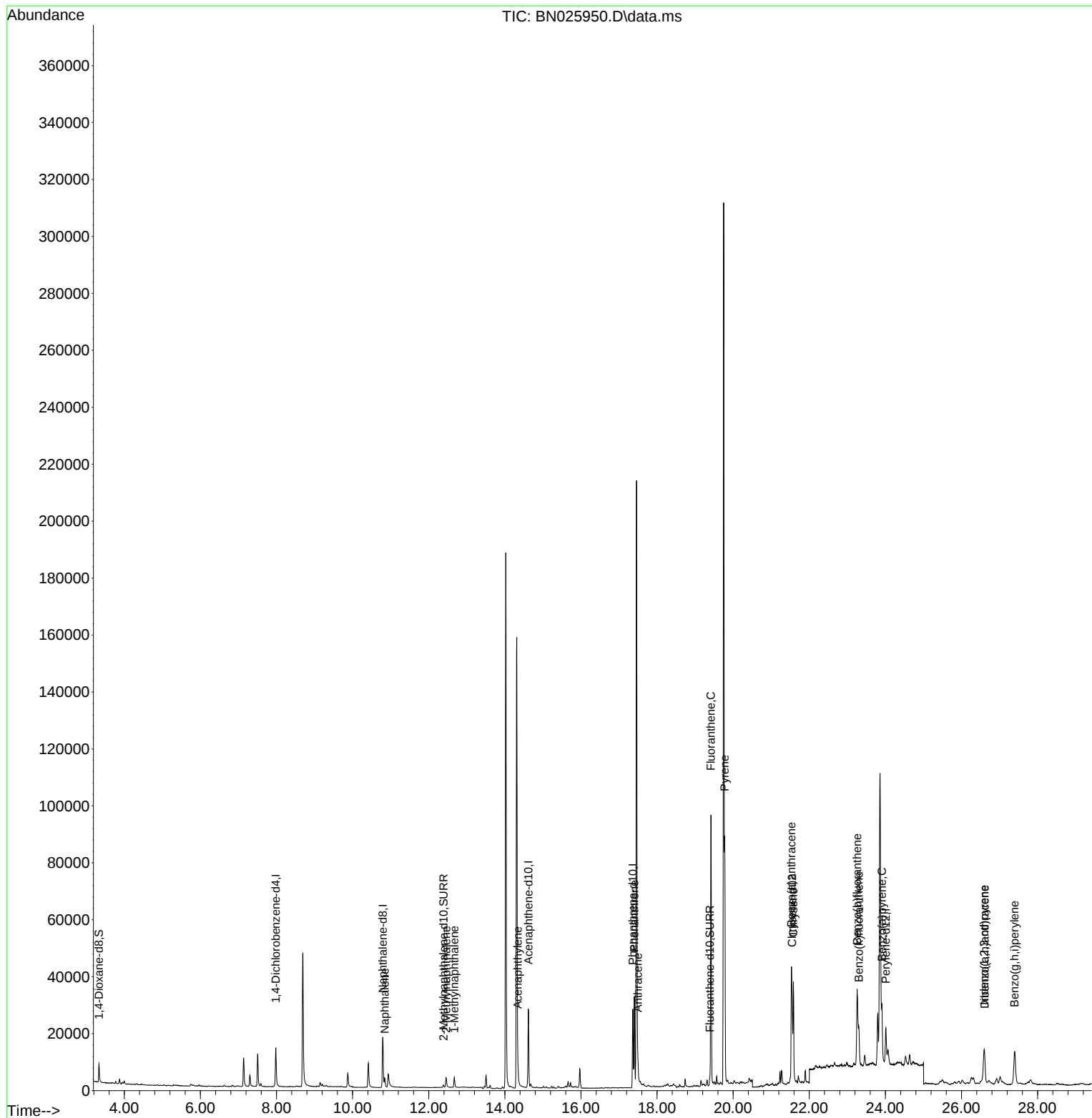
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025950.D
Acq On : 22 Jun 2023 22:48
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Sample : 03083-09DL 5X
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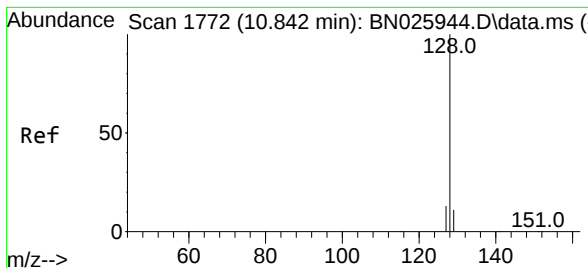
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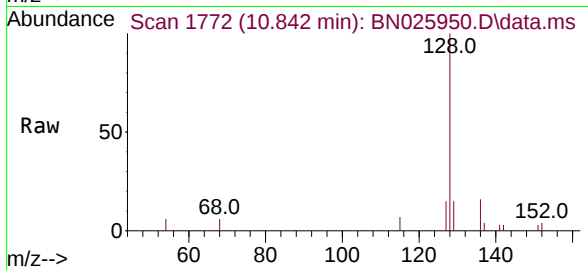
Quant Time: Jun 23 01:05:26 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.842 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

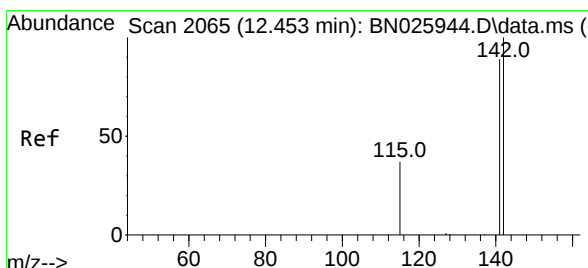
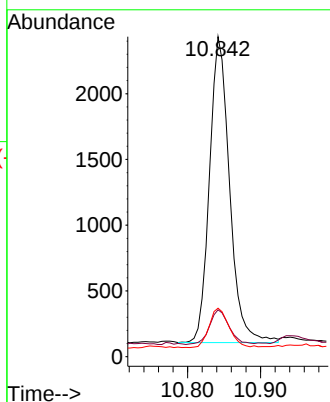
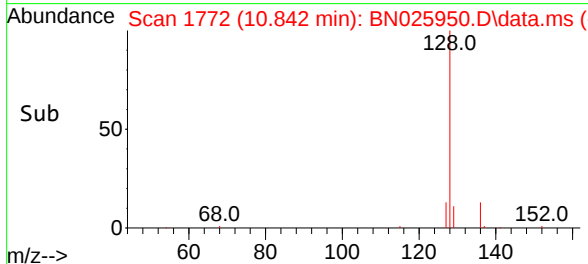
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BNA_N
ClientSampleId :
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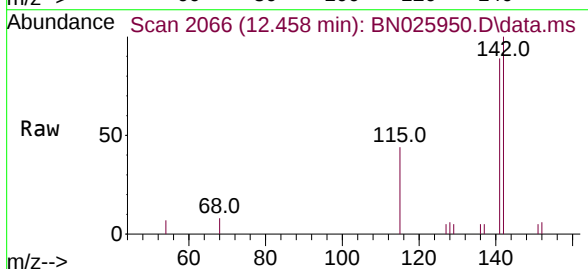
Tgt Ion:128 Resp: 447
Ion Ratio Lower Upper
128 100
129 14.7 9.1 13.7
127 15.2 10.7 16.1

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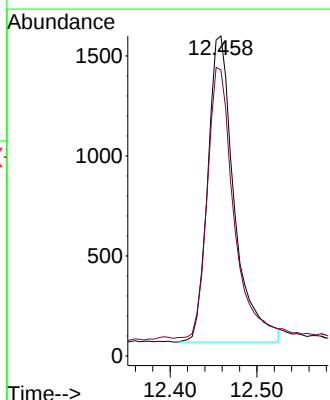
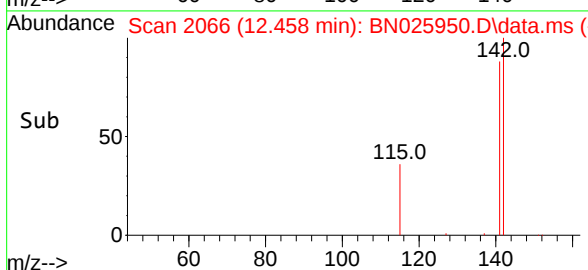
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

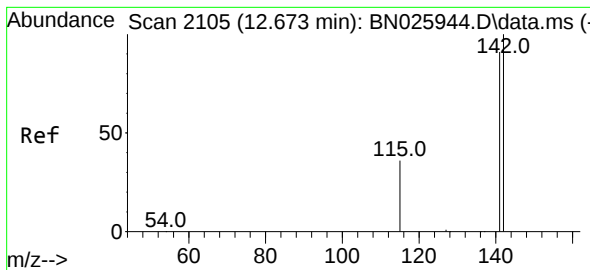


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48



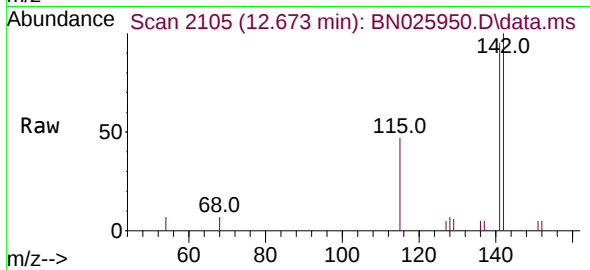
Tgt Ion:142 Resp: 3244
Ion Ratio Lower Upper
142 100
141 88.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.673 min Scan# 2105
Delta R.T. -0.000 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

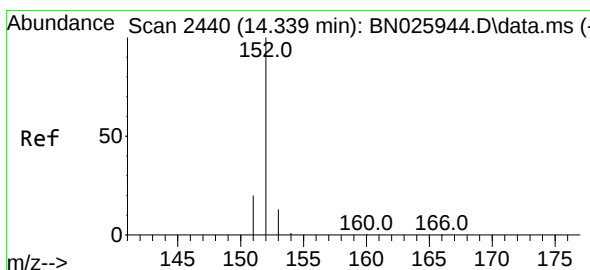
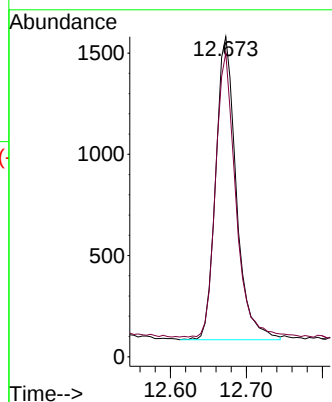
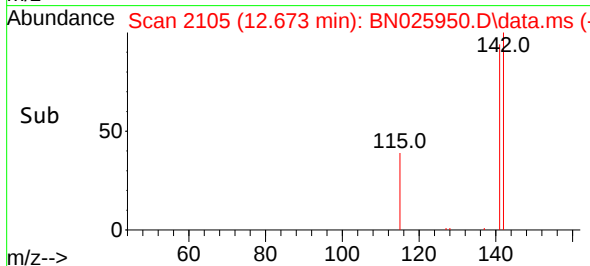
Instrument :
BNA_N
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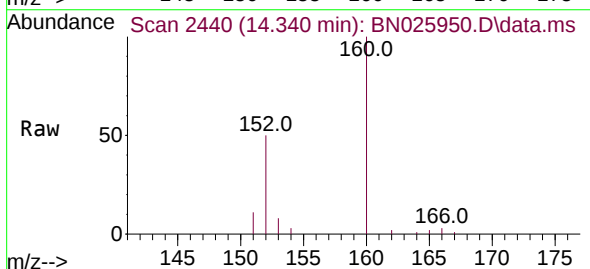
Tgt Ion:142 Resp: 2808
Ion Ratio Lower Upper
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141 91.5 74.2 111.4

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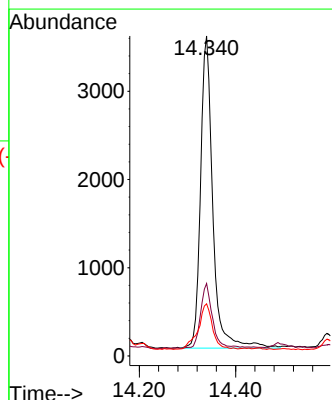
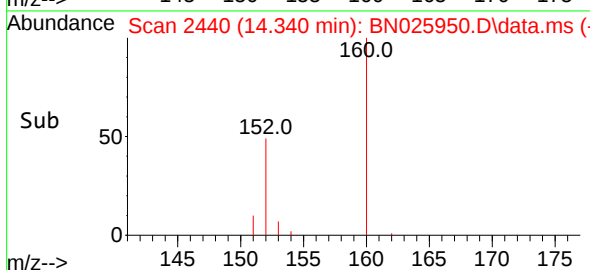
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

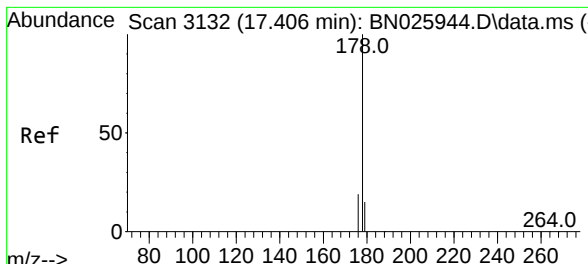


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48



Tgt Ion:152 Resp: 6259
Ion Ratio Lower Upper
152 100
151 22.6 16.2 24.4
153 16.3 10.9 16.3



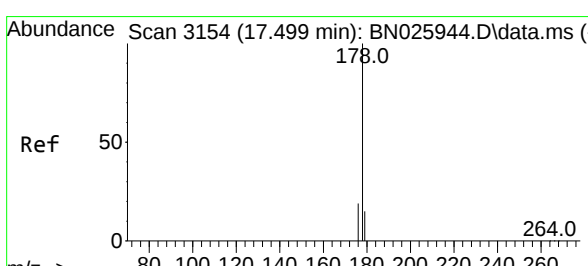
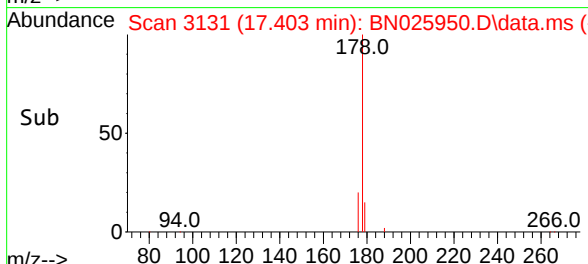
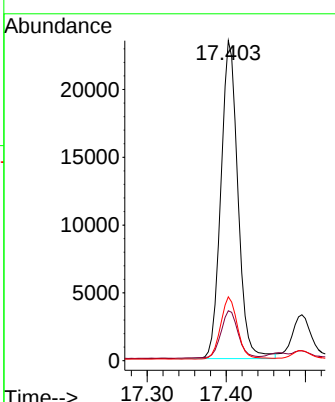
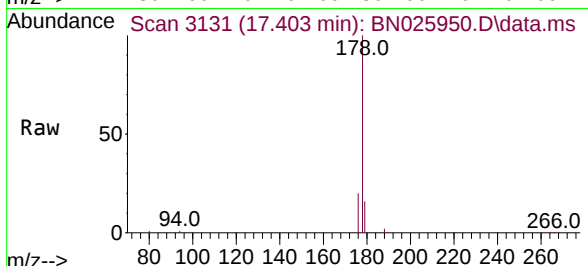


#15
 Phenanthrene
 Concen: 0.311 ng/ul
 RT: 17.403 min Scan# 3132
 Delta R.T. -0.003 min
 Lab File: BN025950.D
 Acq: 22 Jun 2023 22:48

Instrument : BNA_N
 ClientSampleId : DCFK7DL

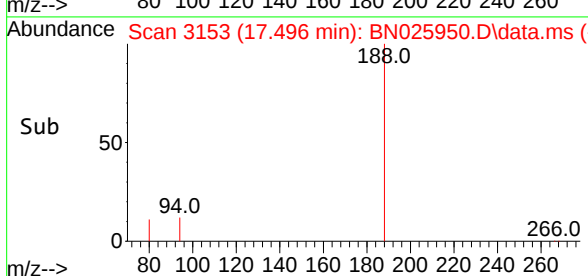
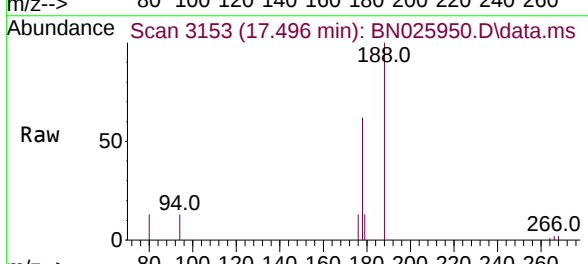
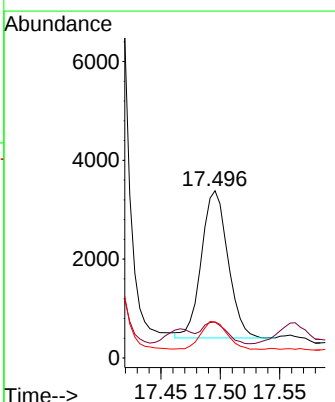
Tgt Ion:	178	Resp:	3510
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	20.0	15.8	23.6

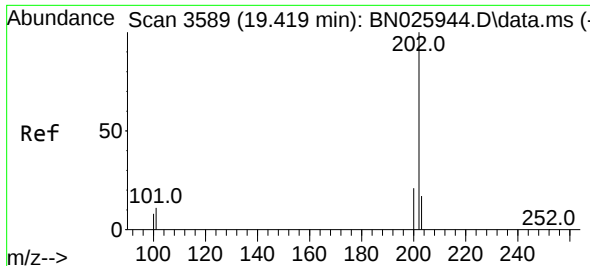
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 Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :mohammad ahmed 06/23/2023



#16
 Anthracene
 Concen: 0.046 ng/ul
 RT: 17.496 min Scan# 3153
 Delta R.T. -0.003 min
 Lab File: BN025950.D
 Acq: 22 Jun 2023 22:48

Tgt Ion:	178	Resp:	4629
Ion Ratio	Lower	Upper	
178	100		
179	21.5	12.6	18.8#
176	21.5	15.1	22.7





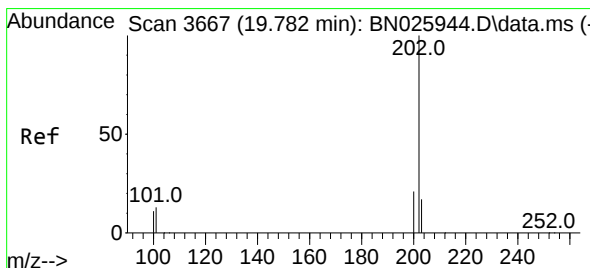
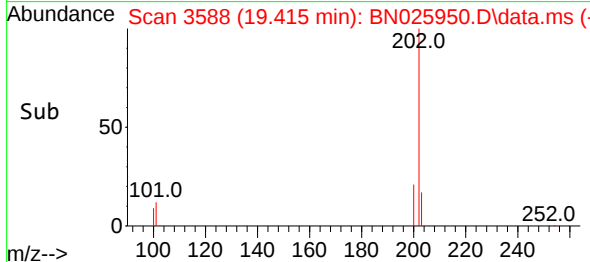
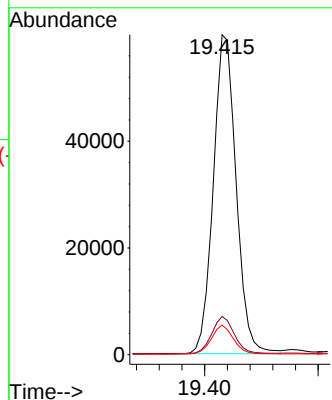
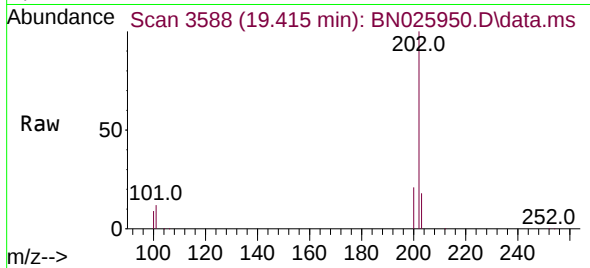
#19
Fluoranthene
Concen: 0.737 ng/ul
RT: 19.415 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:202 Resp: 8346
Ion Ratio Lower Upper
202 100
101 11.9 9.5 14.3
100 9.3 7.3 10.9

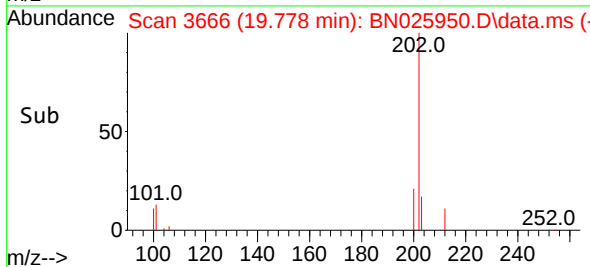
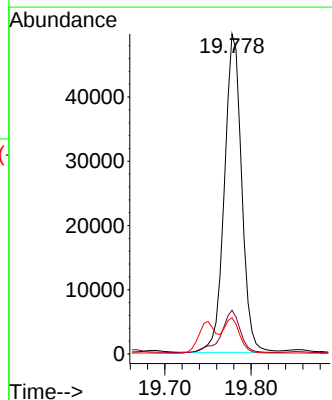
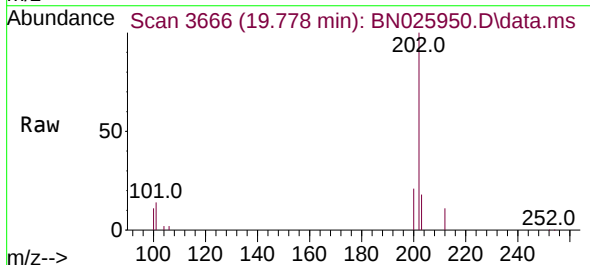
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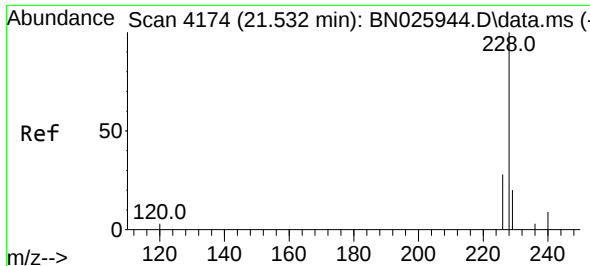
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#20
Pyrene
Concen: 0.587 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

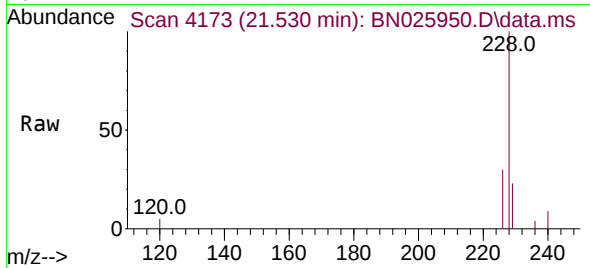
Tgt Ion:202 Resp: 69164
Ion Ratio Lower Upper
202 100
101 13.6 11.4 17.0
100 11.3 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

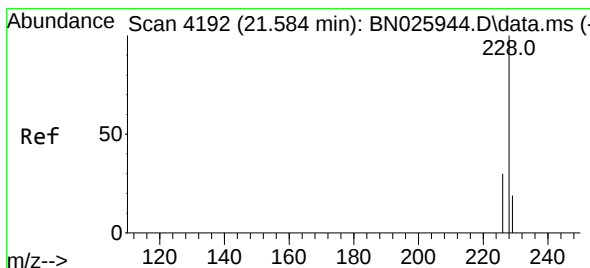
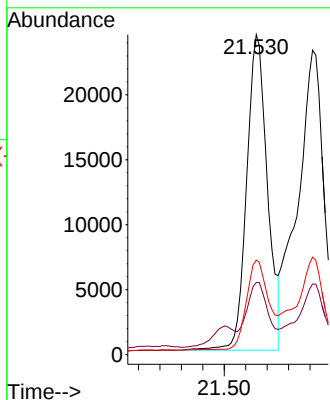
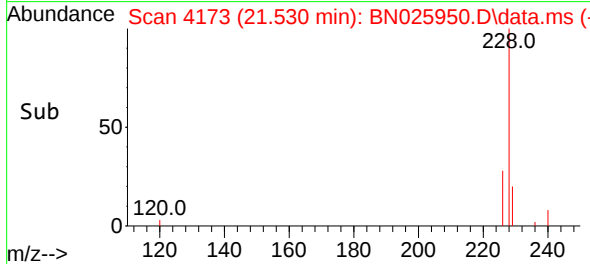
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DCFK7DL



Tgt Ion:228 Resp: 32660
Ion Ratio Lower Upper
228 100
229 22.6 15.8 23.6
226 29.5 22.5 33.7

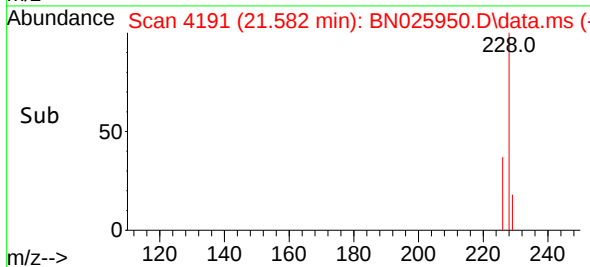
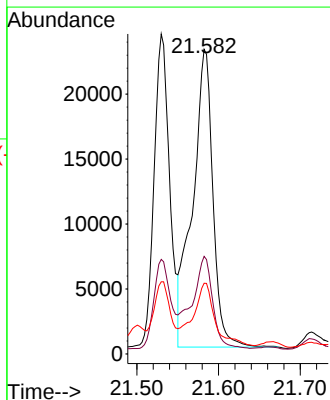
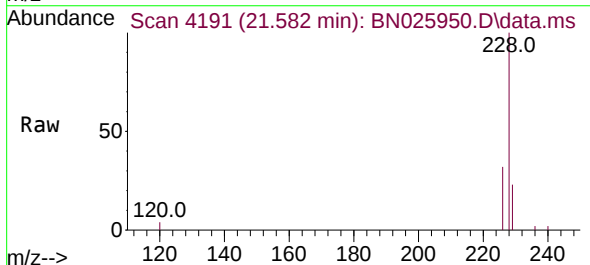
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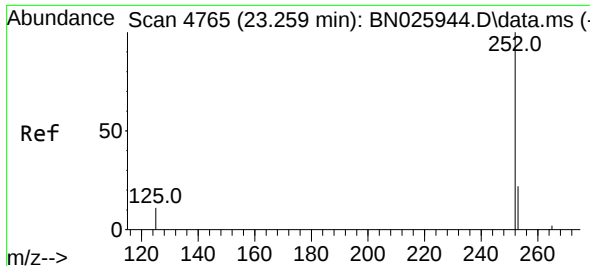
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

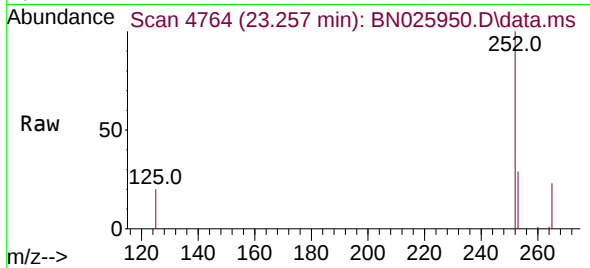
Tgt Ion:228 Resp: 39721
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 0.646 ng/ul m
RT: 23.257 min Scan# 4765
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

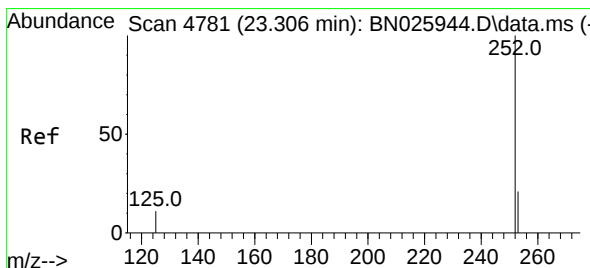
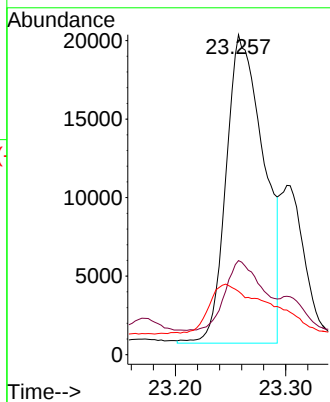
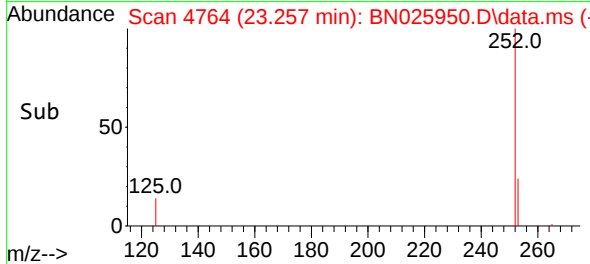
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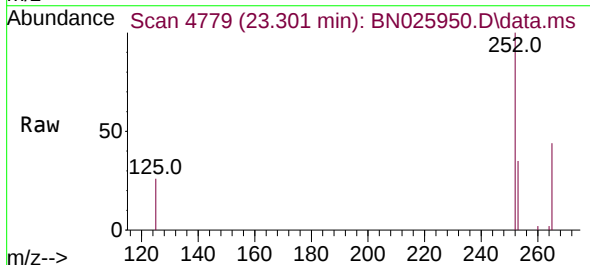
Tgt Ion:252 Resp: 4648
Ion Ratio Lower Upper
252 100
253 29.4 0.0 55.6
125 19.8 0.0 35.8

Manual Integrations
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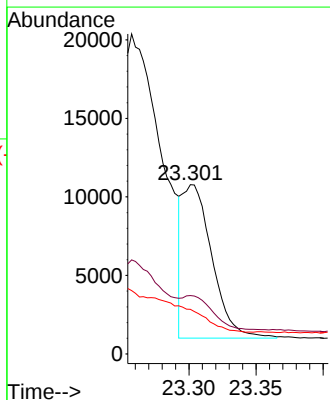
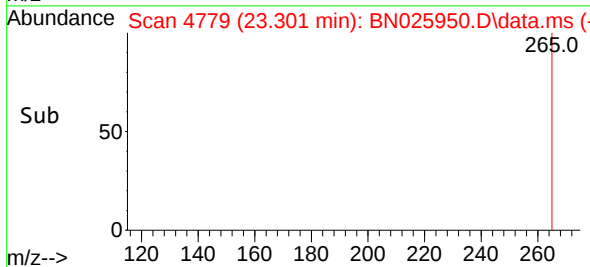
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

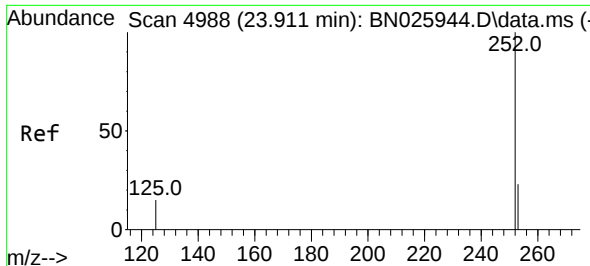


#25
Benzo(k)fluoranthene
Concen: 0.208 ng/ul m
RT: 23.301 min Scan# 4779
Delta R.T. -0.008 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48



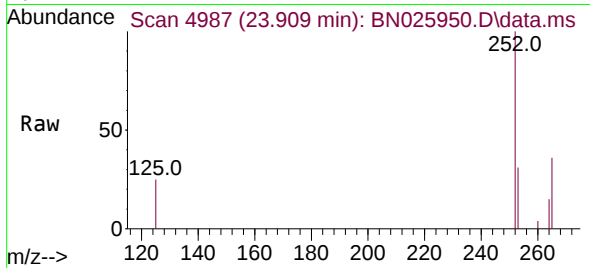
Tgt Ion:252 Resp: 15026
Ion Ratio Lower Upper
252 100
253 34.5 23.2 34.8
125 26.4 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.909 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

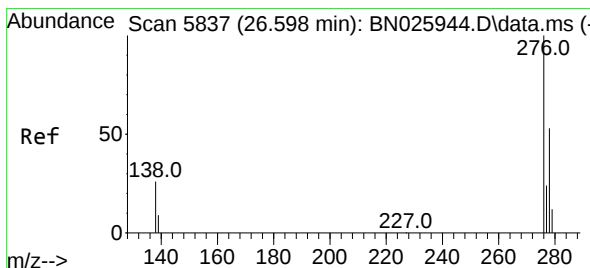
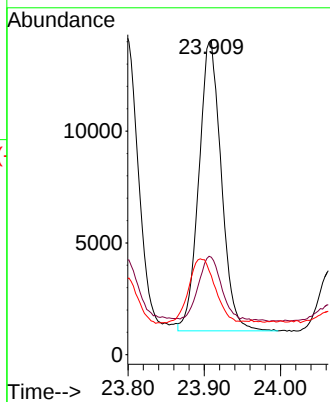
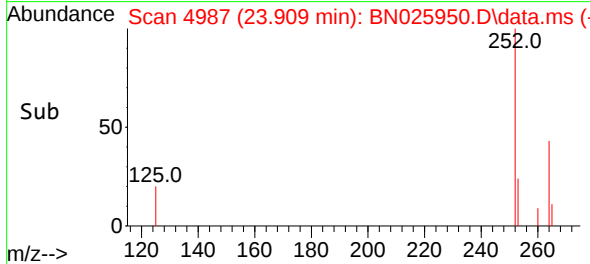
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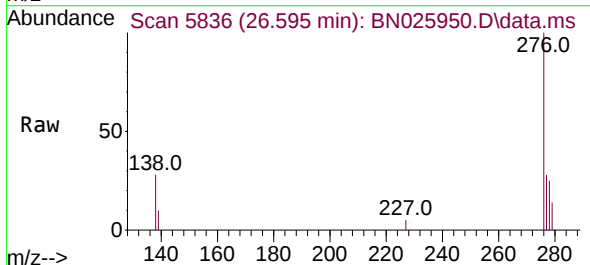
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125 25.1 17.3 25.9

Manual Integrations
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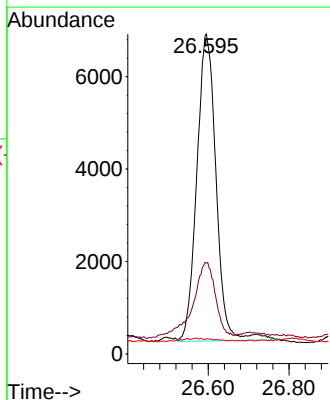
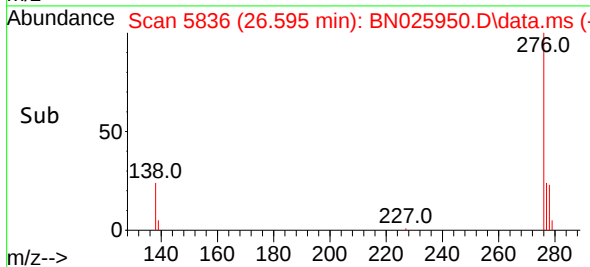
Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023

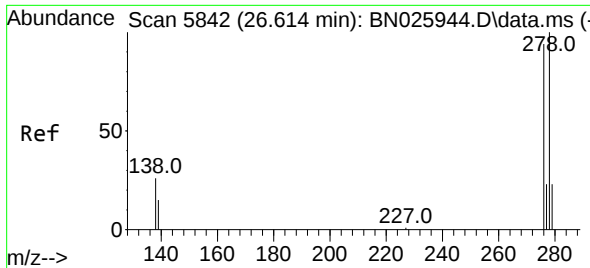


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.595 min Scan# 5836
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48



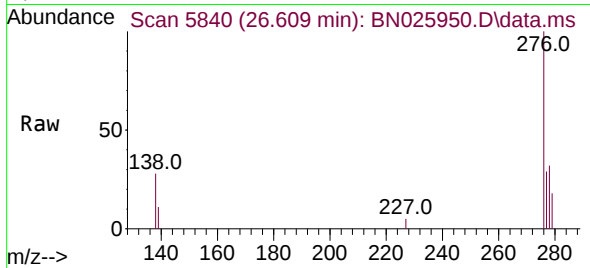
Tgt Ion:276 Resp: 21958
Ion Ratio Lower Upper
276 100
138 30.3 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.609 min Scan# 5840
Delta R.T. -0.013 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

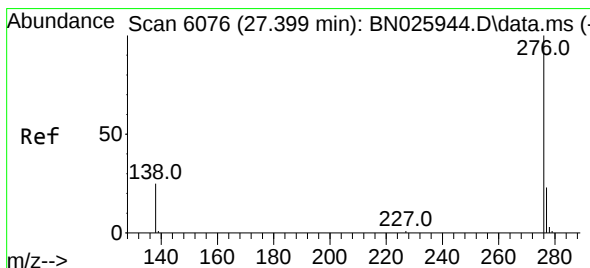
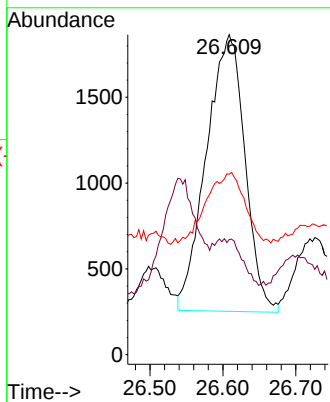
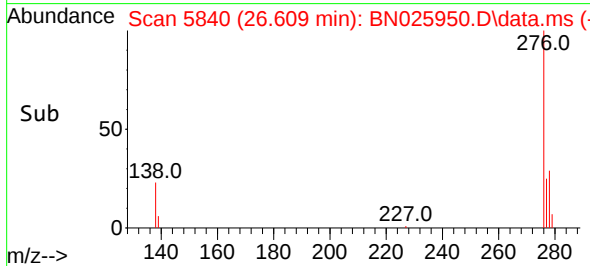
Instrument :
BNA_N
ClientSampleId :
DCFK7DL



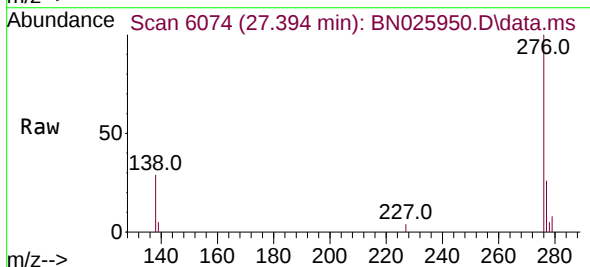
Tgt Ion:278 Resp: 5940
Ion Ratio Lower Upper
278 100
139 36.0 19.0 28.4
279 56.4 26.7 40.1

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023



#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.394 min Scan# 6074
Delta R.T. 0.008 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48



Tgt Ion:276 Resp: 26041
Ion Ratio Lower Upper
276 100
138 28.5 23.4 35.0
277 25.9 20.0 30.0

