

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
 Data File : BN026139.D
 Acq On : 30 Jun 2023 20:47
 Operator : MA/JU
 Sample : 03143-21DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFV8DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/01/2023
 Supervised By :mohammad ahmed 07/01/2023

Quant Time: Jul 01 01:48:07 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 : Sat Jul 01 01:46:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	8528	0.400	ng/ul	0.00
4) Naphthalene-d8	10.774	136	27490	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	15423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28457	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	14902	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	15700	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3652	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.369	152	1028	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.376	212	1626	0.029	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.824	128	3591	0.046	ng/ul#	90
7) 2-Methylnaphthalene	12.441	142	3562	0.071	ng/ul	100
8) 1-Methylnaphthalene	12.655	142	2913	0.056	ng/ul	98
10) Acenaphthylene	14.324	152	7657	0.106	ng/ul#	95
15) Phenanthrene	17.393	178	25903	0.276	ng/ul	99
16) Anthracene	17.486	178	6004	0.072	ng/ul#	91
19) Fluoranthene	19.409	202	79082	0.994	ng/ul	98
20) Pyrene	19.771	202	69332	0.837	ng/ul	97
21) Benzo(a)anthracene	21.525	228	33658	0.548	ng/ul	96
22) Chrysene	21.581	228	43901	0.686	ng/ul	96
24) Benzo(b)fluoranthene	23.250	252	69379m	1.035	ng/ul	
25) Benzo(k)fluoranthene	23.296	252	19641m	0.292	ng/ul	
26) Benzo(a)pyrene	23.890	252	36620	0.629	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.557	276	35062	0.552	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.567	278	7876	0.164	ng/ul#	74
29) Benzo(g,h,i)perylene	27.348	276	33542	0.593	ng/ul	98

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

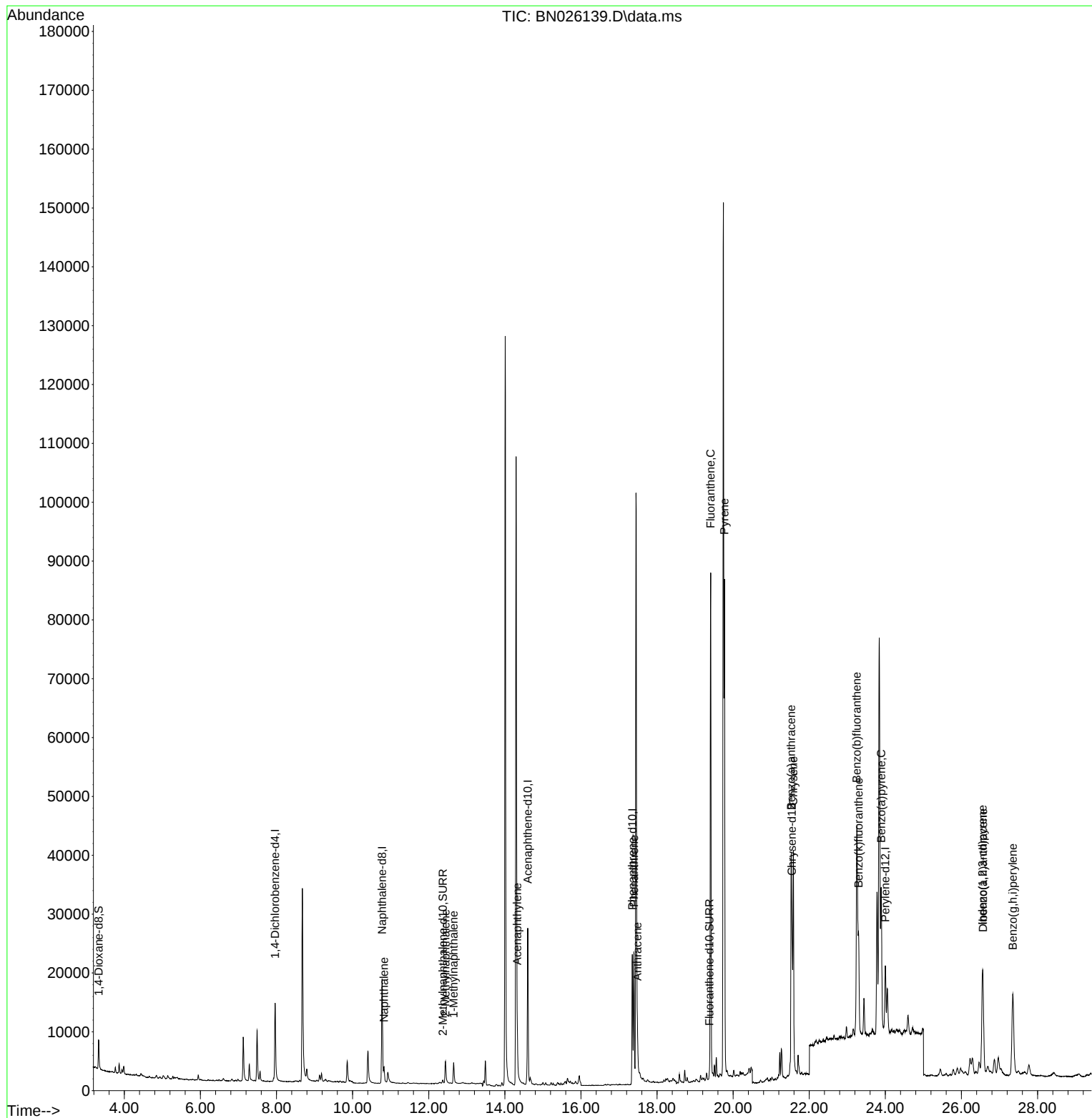
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026139.D
Acq On : 30 Jun 2023 20:47
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Sample : 03143-21DL 5X
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ALS Vial : 20 Sample Multiplier: 1

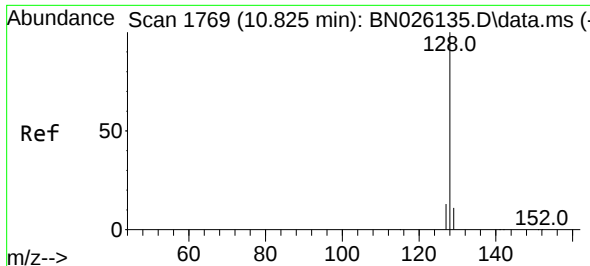
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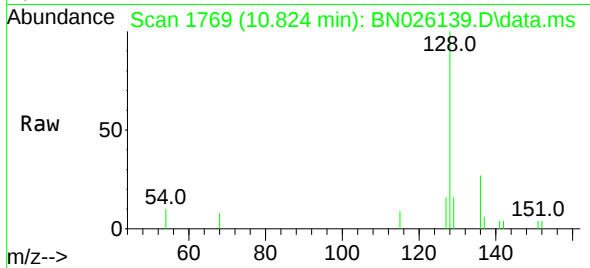
Quant Time: Jul 01 01:48:07 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.824 min Scan# 1769
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

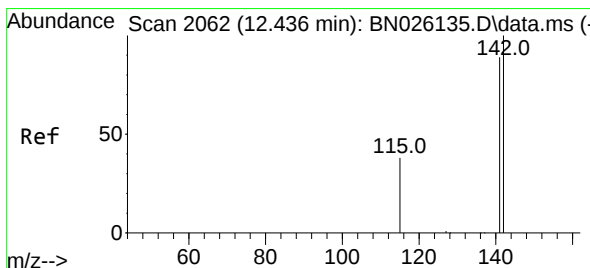
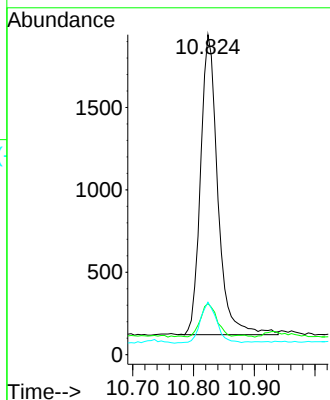
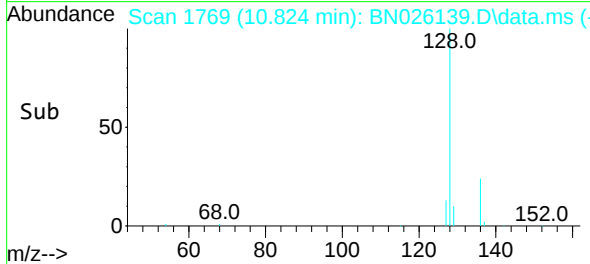
Instrument :
BNA_N
ClientSampleId :
DCFV8DL



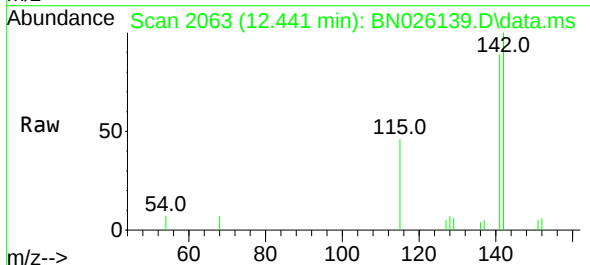
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Ion Ratio Lower Upper
128 100
129 16.0 9.1 13.7
127 16.4 10.7 16.1

Manual Integrations
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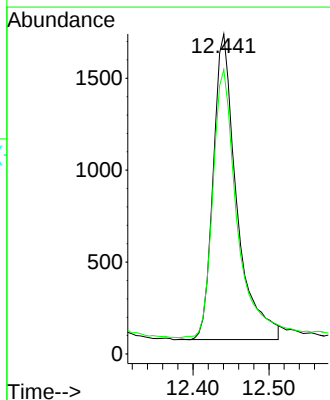
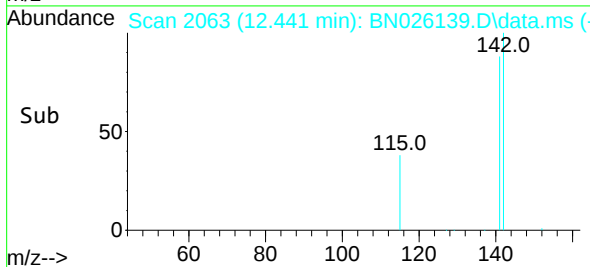
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

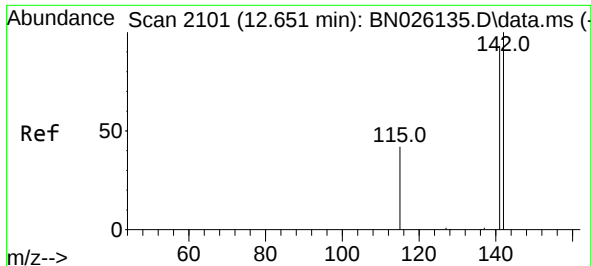


#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.441 min Scan# 2063
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47



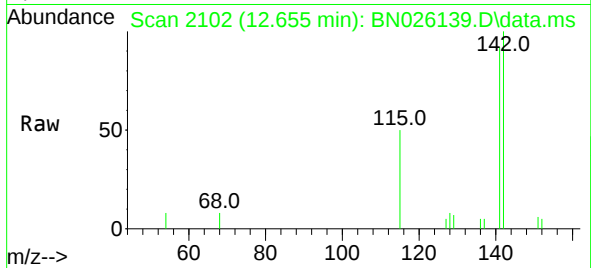
Tgt Ion:142 Resp: 3562
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.655 min Scan# 2101
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

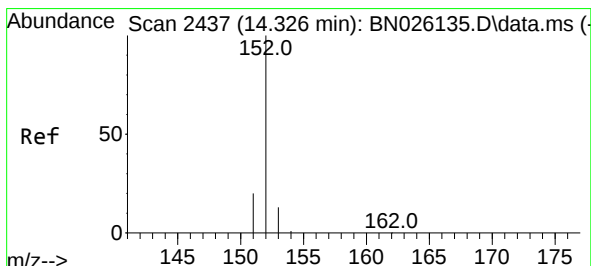
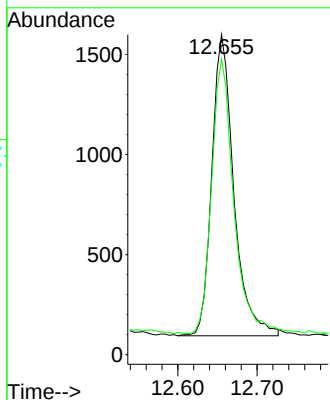
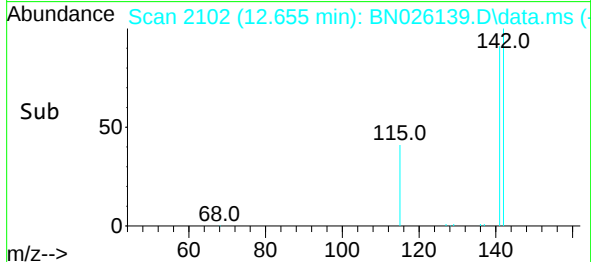
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:142 Resp: 2911
Ion Ratio Lower Upper
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141 91.0 74.2 111.4

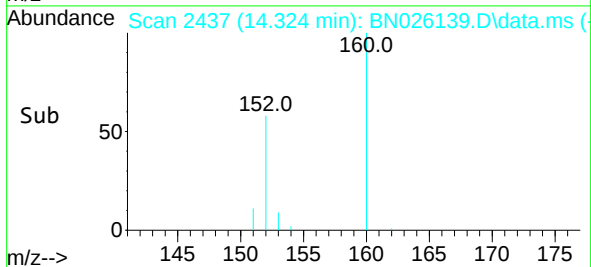
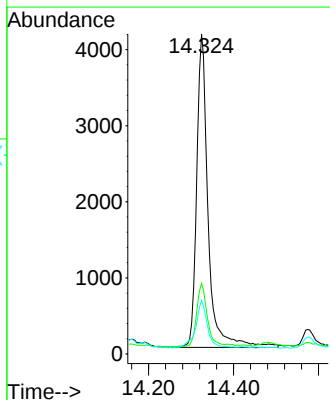
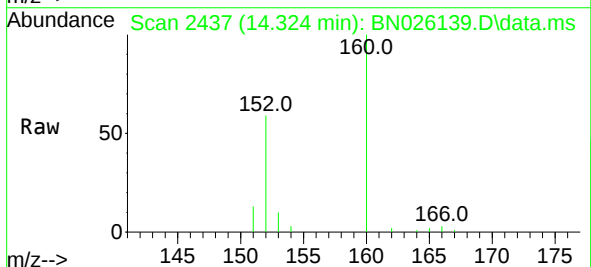
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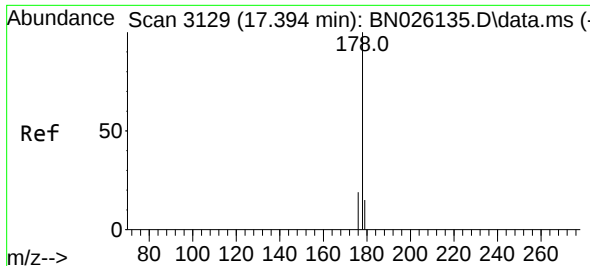
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#10
Acenaphthylene
Concen: 0.106 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

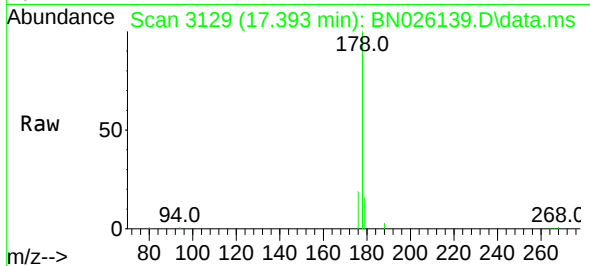
Tgt Ion:152 Resp: 7657
Ion Ratio Lower Upper
152 100
151 22.1 16.2 24.4
153 16.7 10.9 16.3#





#15
Phenanthrene
Concen: 0.276 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

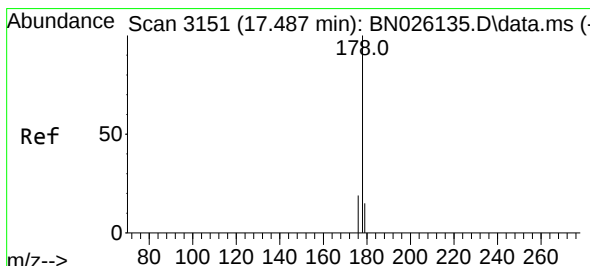
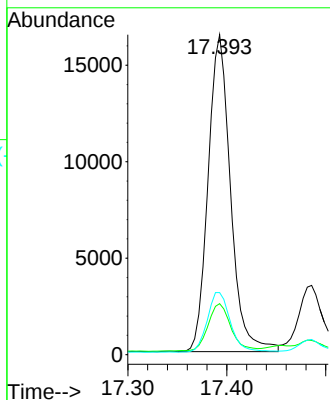
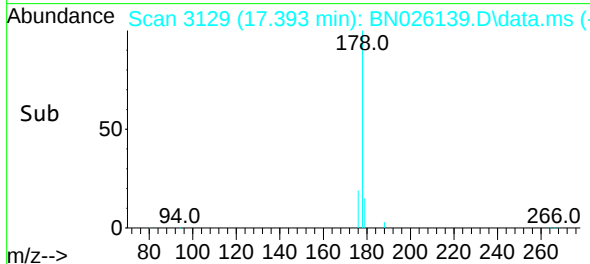
Instrument :
BNA_N
ClientSampleId :
DCFV8DL



Tgt Ion:178 Resp: 2590
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.4 15.8 23.6

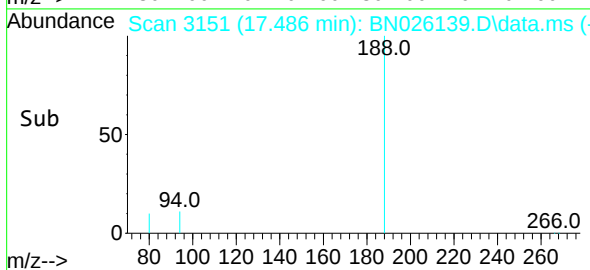
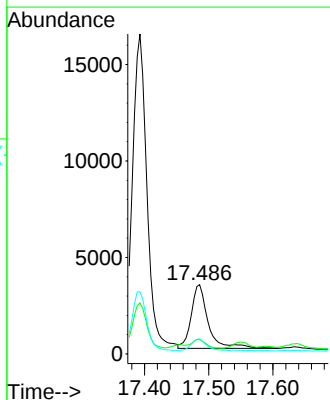
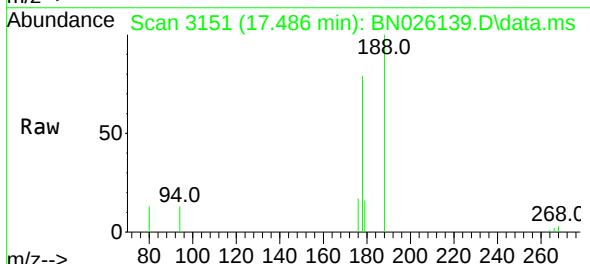
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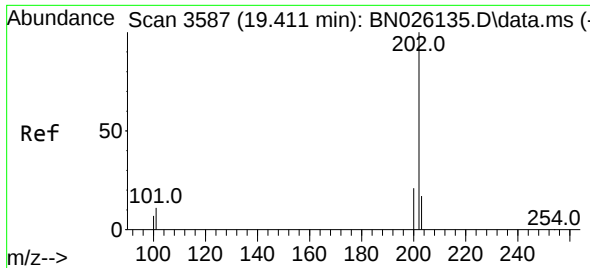
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#16
Anthracene
Concen: 0.072 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Tgt Ion:178 Resp: 6004
Ion Ratio Lower Upper
178 100
179 20.5 12.6 18.8#
176 22.0 15.1 22.7





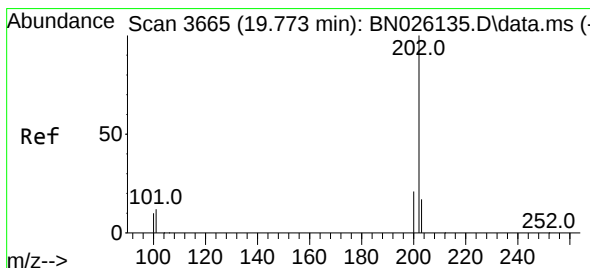
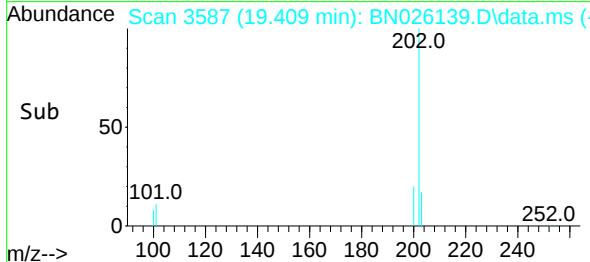
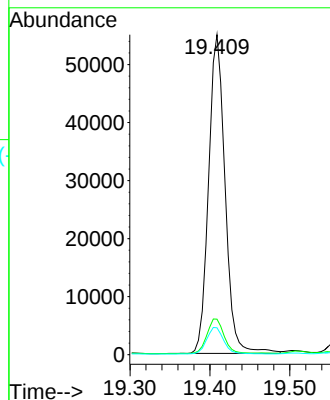
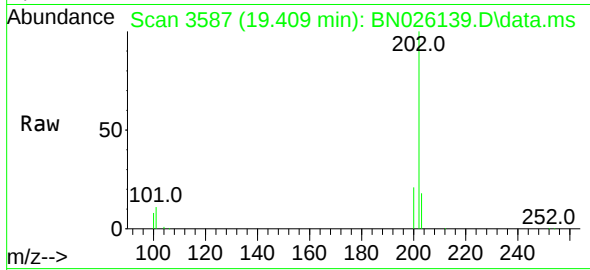
#19
Fluoranthene
Concen: 0.994 ng/u1
RT: 19.409 min Scan# 3587
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Instrument :
BNA_N
ClientSampleId :
DCFV8DL

Tgt Ion:202 Resp: 7908
Ion Ratio Lower Upper
202 100
101 11.1 9.5 14.3
100 8.4 7.3 10.9

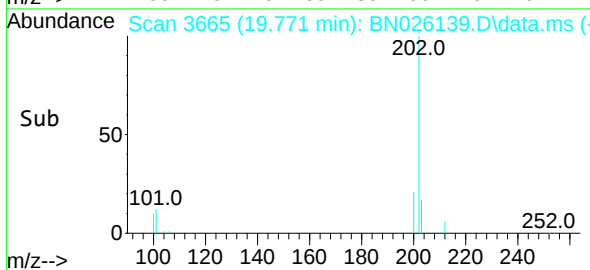
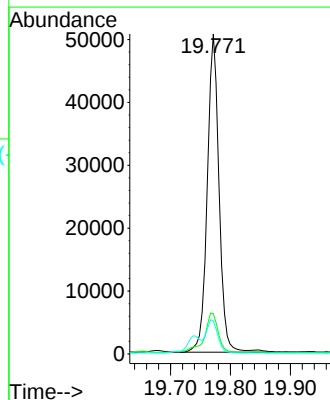
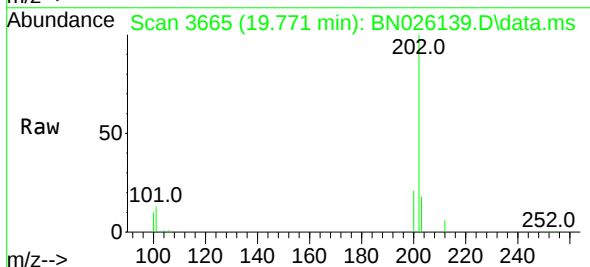
Manual Integrations
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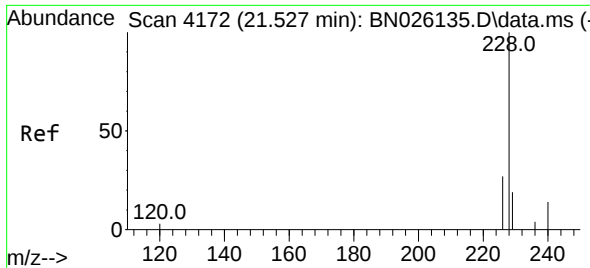
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#20
Pyrene
Concen: 0.837 ng/u1
RT: 19.771 min Scan# 3665
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

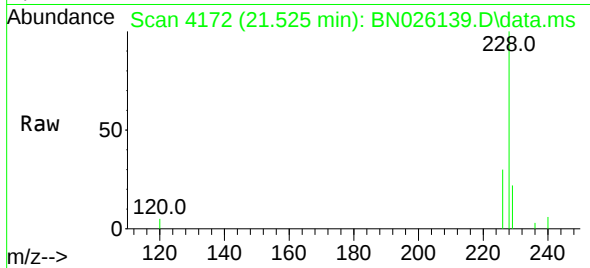
Tgt Ion:202 Resp: 69332
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.4 9.1 13.7





#21
Benzo(a)anthracene
Concen: 0.548 ng/ul
RT: 21.525 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

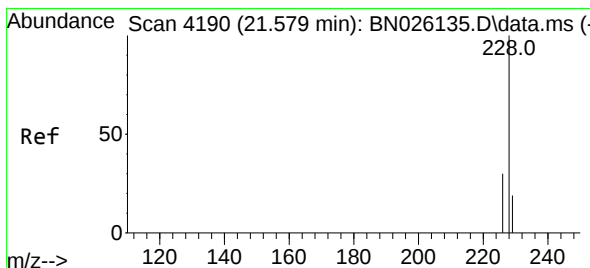
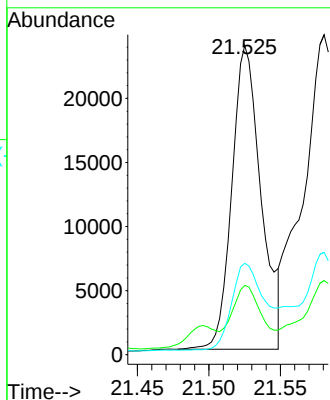
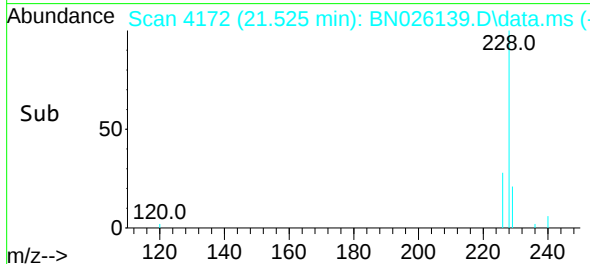
Instrument :
BNA_N
ClientSampleId :
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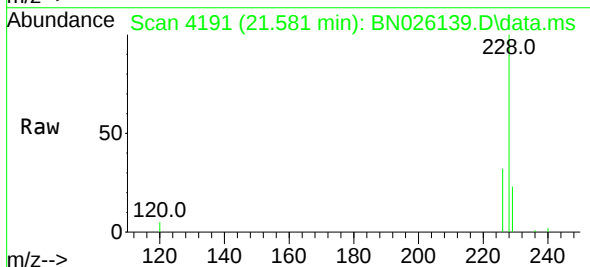
Tgt Ion:228 Resp: 33658
Ion Ratio Lower Upper
228 100
229 22.4 15.8 23.6
226 29.6 22.5 33.7

Manual Integrations
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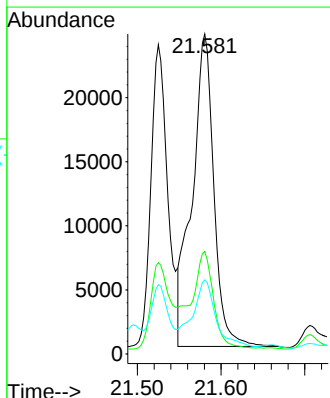
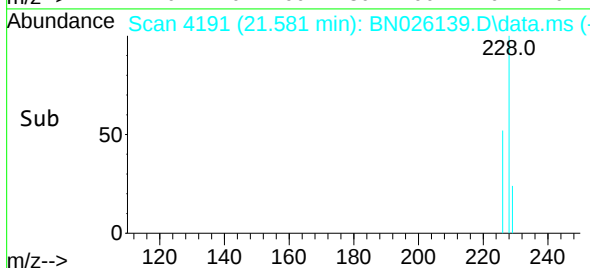
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023

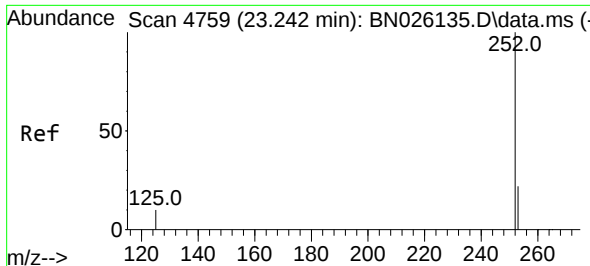


#22
Chrysene
Concen: 0.686 ng/ul
RT: 21.581 min Scan# 4191
Delta R.T. 0.001 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47



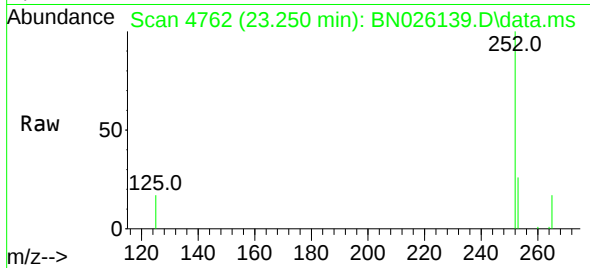
Tgt Ion:228 Resp: 43901
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 23.2 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 1.035 ng/ul m
RT: 23.250 min Scan# 4762
Delta R.T. 0.007 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

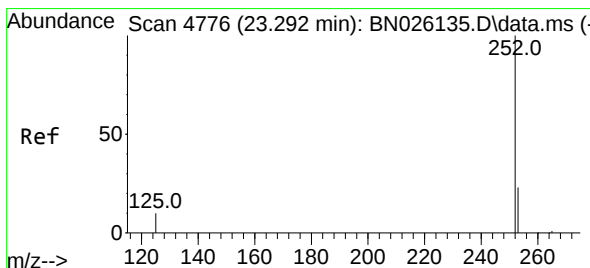
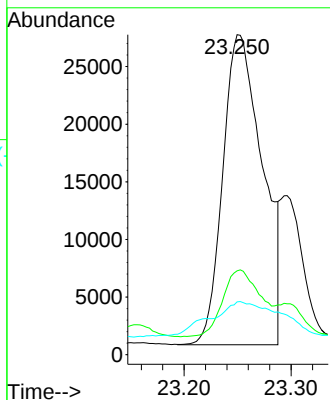
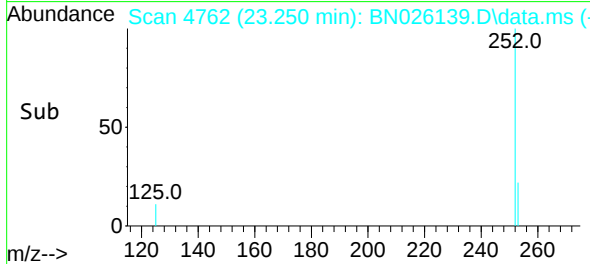
Instrument :
BNA_N
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DCFV8DL



Tgt Ion:252 Resp: 69379
Ion Ratio Lower Upper
252 100
253 26.2 0.0 55.6
125 16.5 0.0 35.8

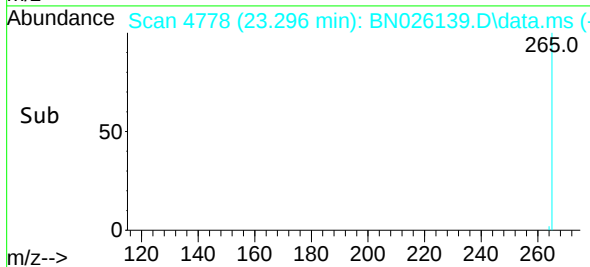
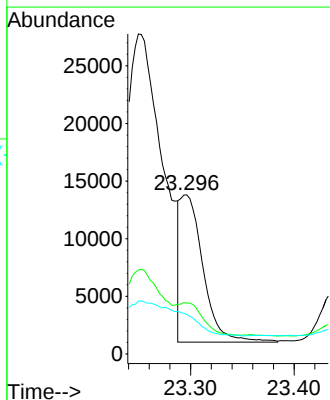
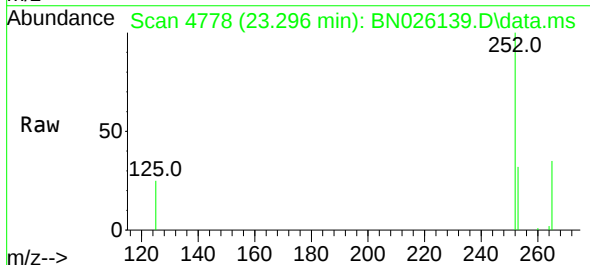
Manual Integrations
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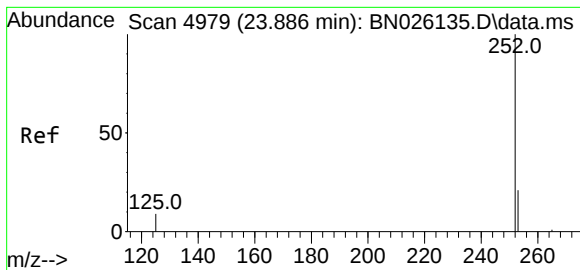
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#25
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 23.296 min Scan# 4778
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

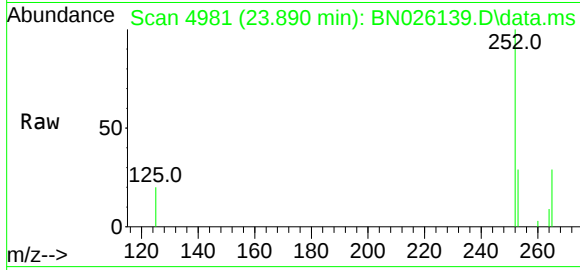
Tgt Ion:252 Resp: 19641
Ion Ratio Lower Upper
252 100
253 32.0 23.2 34.8
125 24.9 15.0 22.4#





#26
Benzo(a)pyrene
Concen: 0.629 ng/ul
RT: 23.890 min Scan# 4979
Delta R.T. 0.004 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

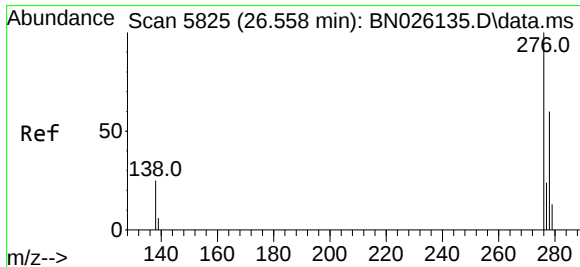
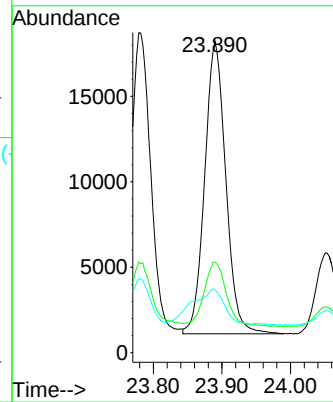
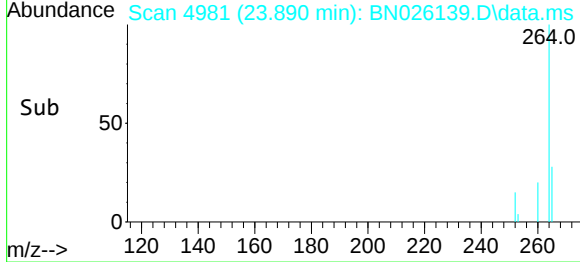
Instrument :
BNA_N
ClientSampleId :
DCFV8DL



Tgt Ion:252 Resp: 36620
Ion Ratio Lower Upper
252 100
253 29.1 26.0 39.0
125 20.0 17.3 25.9

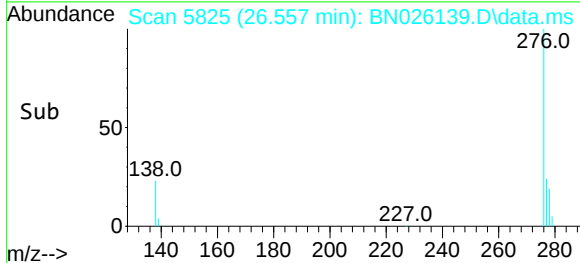
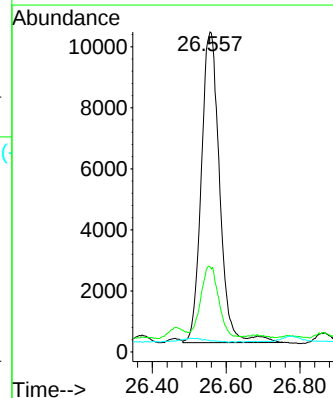
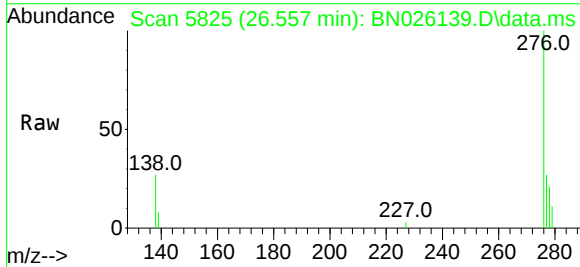
Manual Integrations
APPROVED

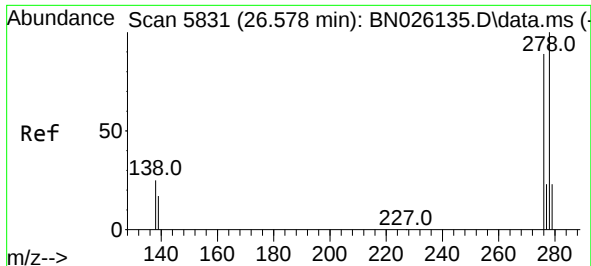
Reviewed By :Yogesh Patel 07/01/2023
Supervised By :mohammad ahmed 07/01/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.552 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

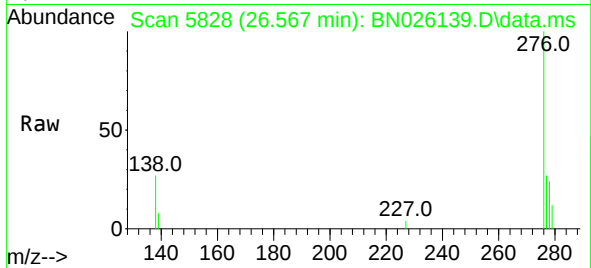
Tgt Ion:276 Resp: 35062
Ion Ratio Lower Upper
276 100
138 22.9 24.5 36.7#
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.567 min Scan# 5828
Delta R.T. -0.012 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

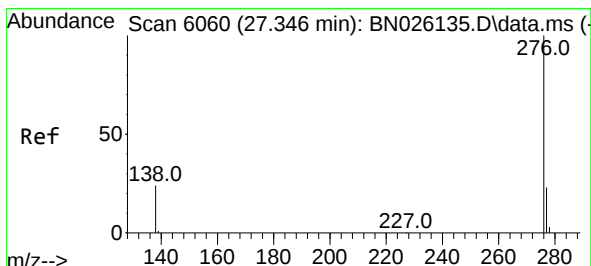
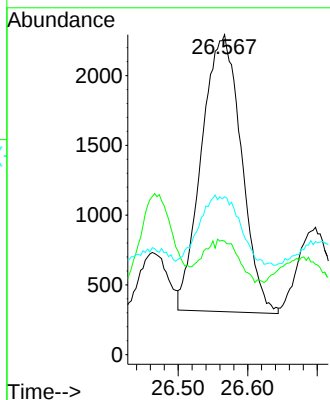
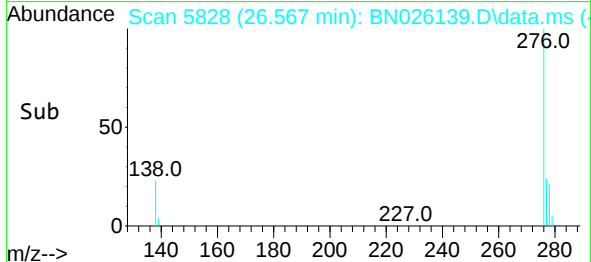
Instrument :
BNA_N
ClientSampleId :
DCFV8DL



Tgt Ion:278 Resp: 7870
Ion Ratio Lower Upper
278 100
139 35.5 19.0 28.4
279 49.3 26.7 40.1

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/01/2023



#29
Benzo(g,h,i)perylene
Concen: 0.593 ng/ul
RT: 27.348 min Scan# 6061
Delta R.T. 0.002 min
Lab File: BN026139.D
Acq: 30 Jun 2023 20:47

Tgt Ion:276 Resp: 33542
Ion Ratio Lower Upper
276 100
138 27.8 23.4 35.0
277 26.2 20.0 30.0

