

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
 Data File : BN026100.D
 Acq On : 29 Jun 2023 18:30
 Operator : MA/JU
 Sample : 03142-08DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCFS7DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 00:44:54 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	7220	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	23813	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	14080	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	28306	0.400	ng/ul	0.00
17) Chrysene-d12	21.537	240	15516	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	14000	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3834	0.472	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	1157	0.032	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	2279	0.039	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.830	128	15609	0.229	ng/ul	99
7) 2-Methylnaphthalene	12.442	142	5636	0.130	ng/ul	100
8) 1-Methylnaphthalene	12.662	142	4580	0.102	ng/ul	99
10) Acenaphthylene	14.329	152	5424	0.082	ng/ul#	94
11) Acenaphthene	14.667	153	15390	0.285	ng/ul	100
12) Fluorene	15.652	166	12873	0.208	ng/ul	99
15) Phenanthrene	17.393	178	214629	2.296	ng/ul	99
16) Anthracene	17.486	178	37641	0.453	ng/ul	99
19) Fluoranthene	19.409	202	320480	3.867	ng/ul	97
20) Pyrene	19.772	202	252781	2.933	ng/ul	96
21) Benzo(a)anthracene	21.519	228	101435	1.585	ng/ul	99
22) Chrysene	21.575	228	114125	1.714	ng/ul	99
24) Benzo(b)fluoranthene	23.244	252	148875m	2.491	ng/ul	
25) Benzo(k)fluoranthene	23.285	252	54015m	0.900	ng/ul	
26) Benzo(a)pyrene	23.881	252	90905	1.752	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.560	276	74186	1.309	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.563	278	17410	0.406	ng/ul	99
29) Benzo(g,h,i)perylene	27.348	276	71753	1.423	ng/ul	96

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

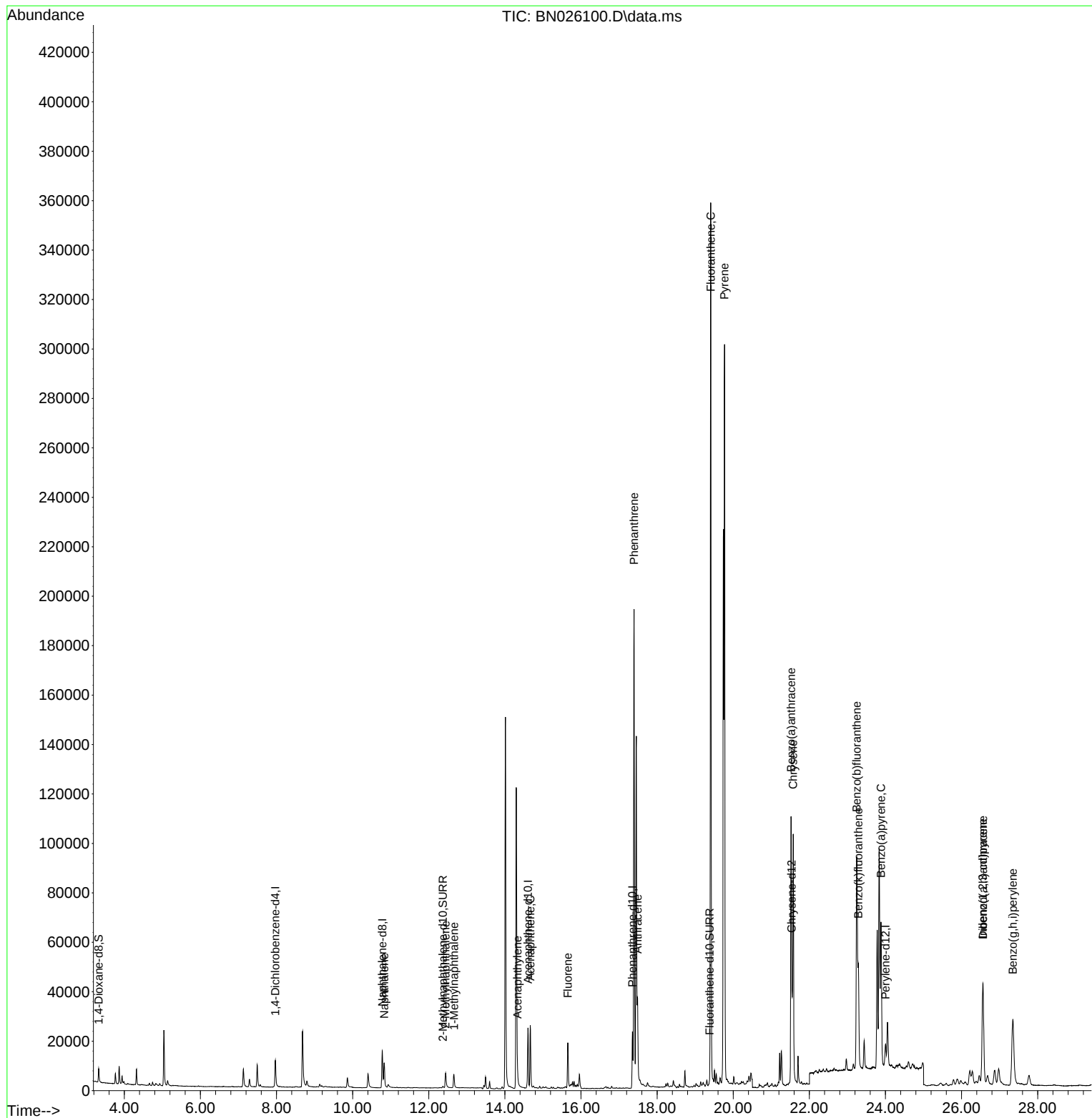
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026100.D
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ALS Vial : 20 Sample Multiplier: 1

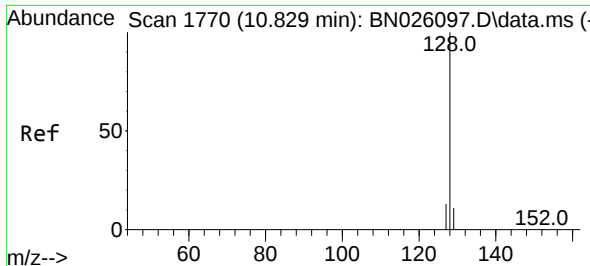
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DCFS7DL

Quant Time: Jun 30 00:44:54 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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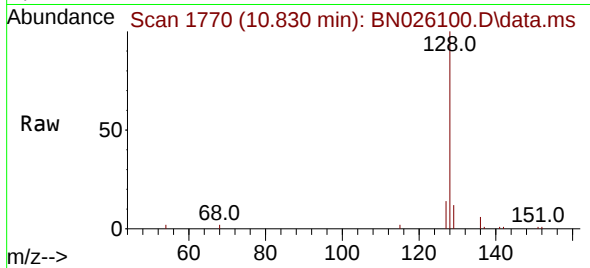
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023





#5
Naphthalene
Concen: 0.229 ng/ul
RT: 10.830 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

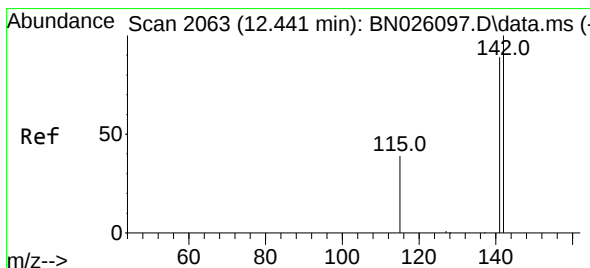
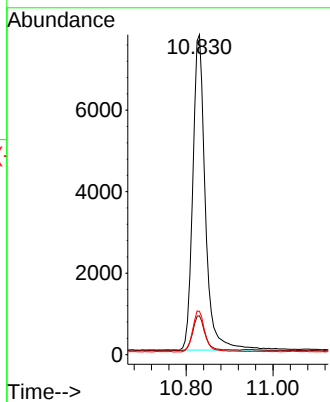
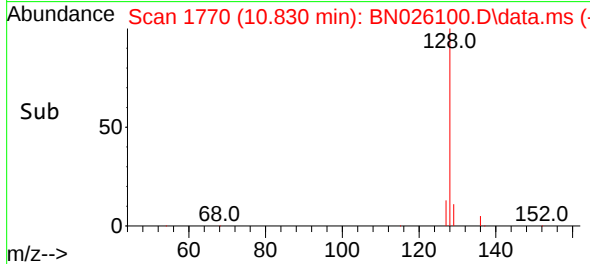
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:128 Resp: 15609
Ion Ratio Lower Upper
128 100
129 12.1 9.1 13.7
127 13.6 10.7 16.1

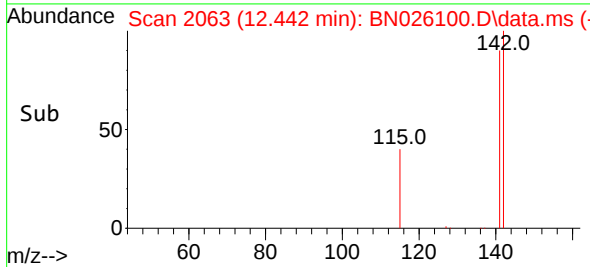
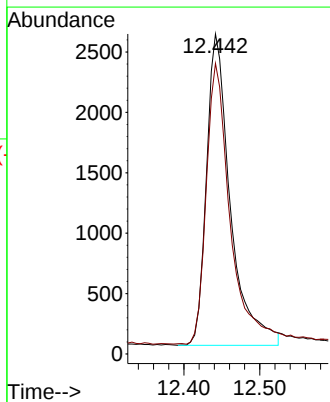
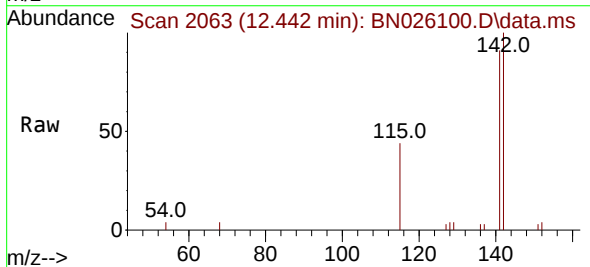
Manual Integrations
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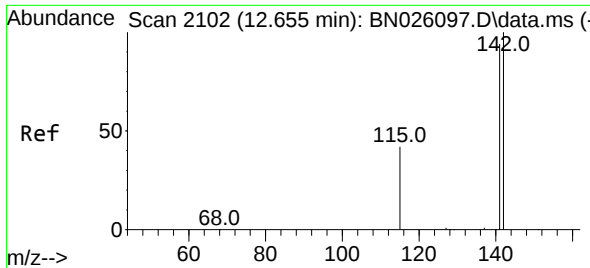
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.442 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

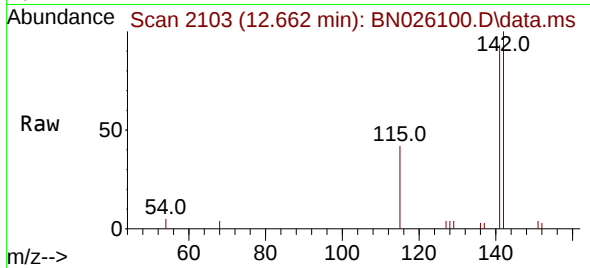
Tgt Ion:142 Resp: 5636
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.662 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

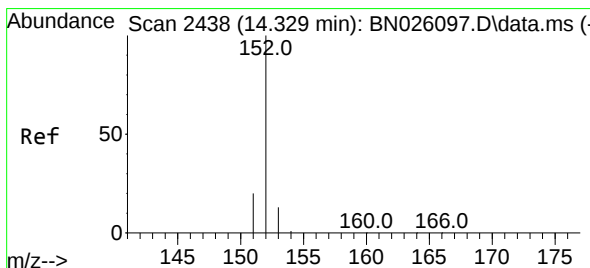
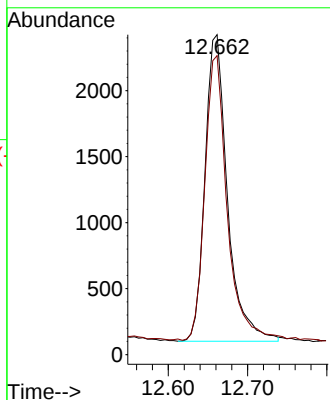
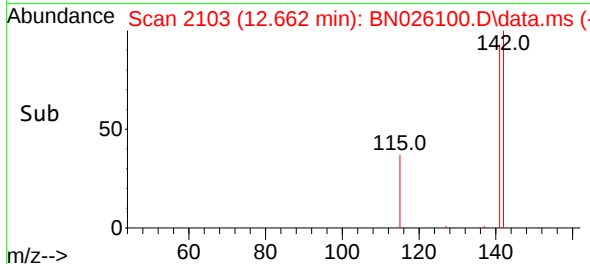
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



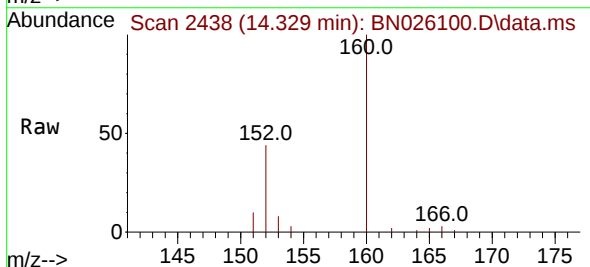
Tgt Ion:142 Resp: 4580
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

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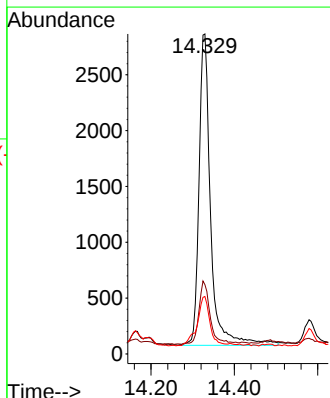
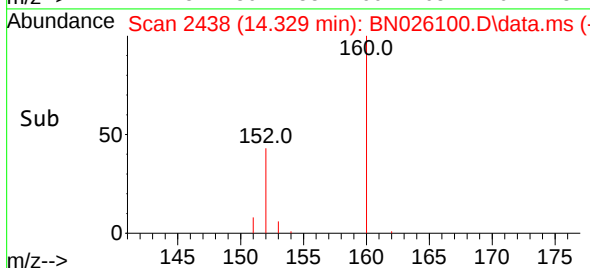
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

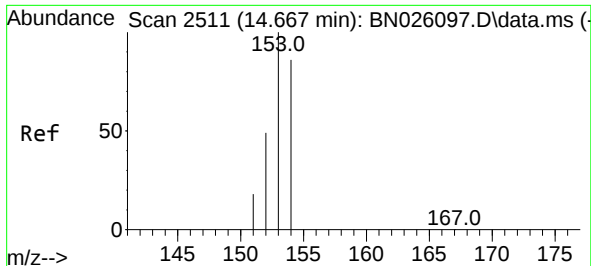


#10
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.329 min Scan# 2438
Delta R.T. -0.000 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30



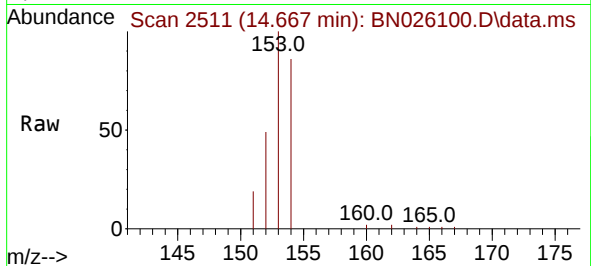
Tgt Ion:152 Resp: 5424
Ion Ratio Lower Upper
152 100
151 21.7 16.2 24.4
153 17.9 10.9 16.3#





#11
Acenaphthene
Concen: 0.285 ng/ul
RT: 14.667 min Scan# 2511
Delta R.T. -0.005 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

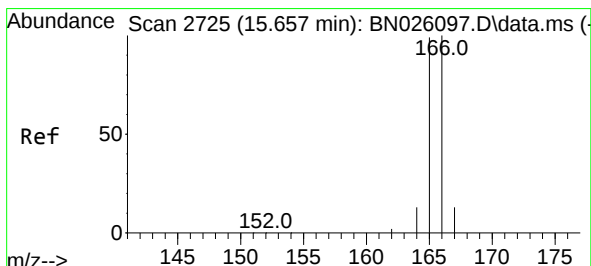
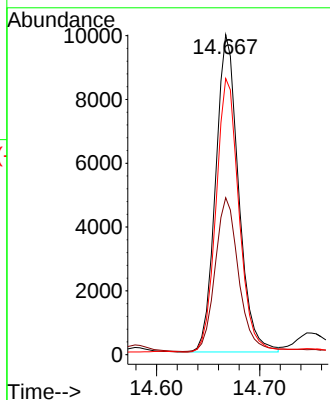
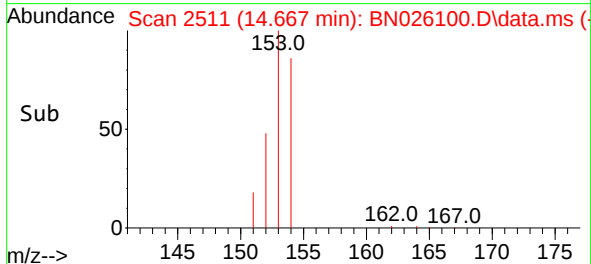
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:153 Resp: 15390
Ion Ratio Lower Upper
153 100
152 49.0 39.4 59.0
154 86.3 68.9 103.3

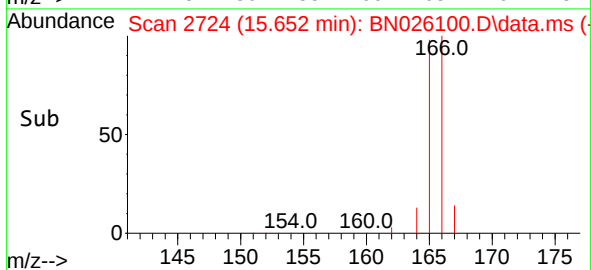
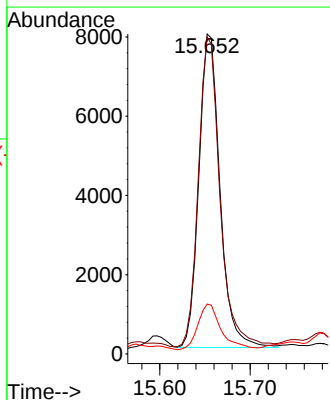
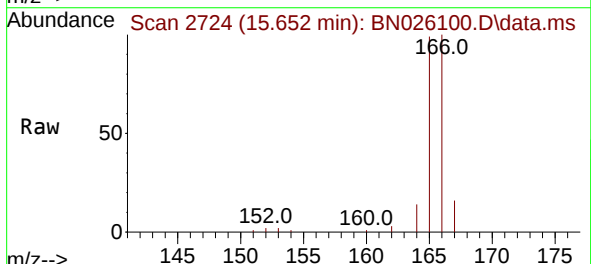
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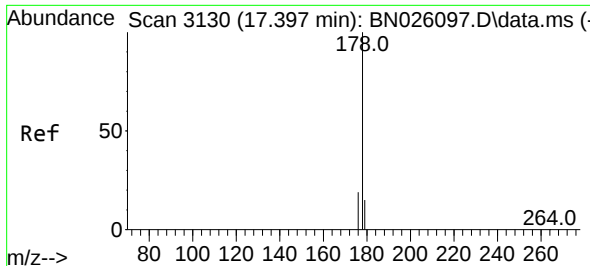
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#12
Fluorene
Concen: 0.208 ng/ul
RT: 15.652 min Scan# 2724
Delta R.T. -0.010 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

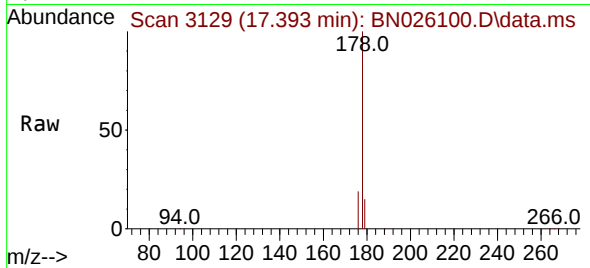
Tgt Ion:166 Resp: 12873
Ion Ratio Lower Upper
166 100
165 99.1 79.9 119.9
167 15.6 10.8 16.2





#15
Phenanthrene
Concen: 2.296 ng/u1
RT: 17.393 min Scan# 3129
Delta R.T. -0.009 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

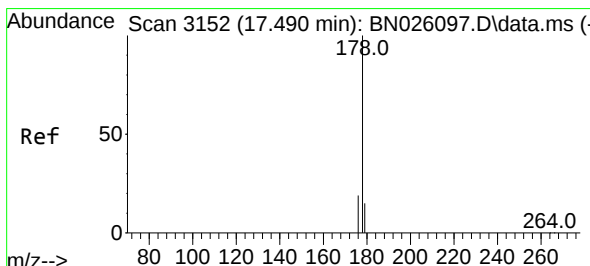
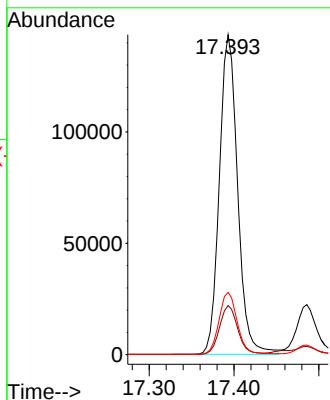
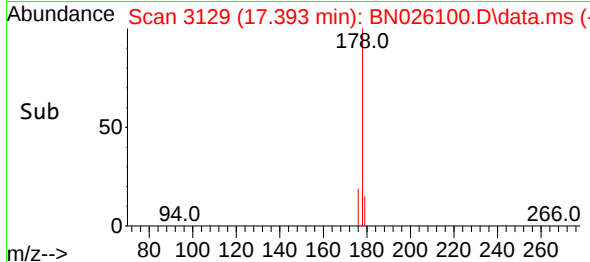
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:178 Resp: 214629
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.4 15.8 23.6

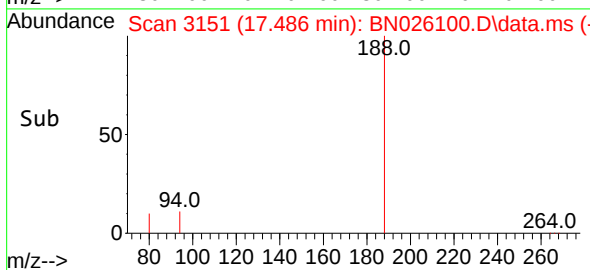
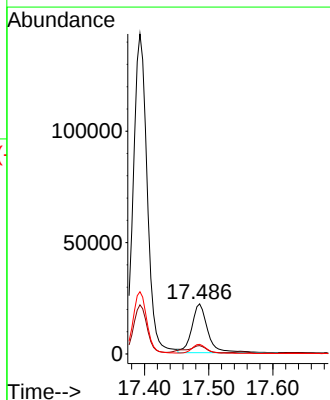
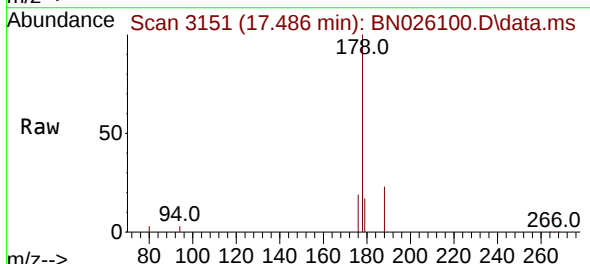
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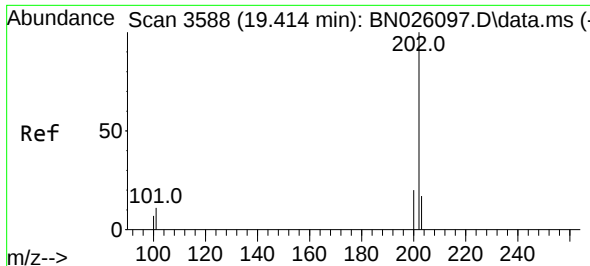
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
Anthracene
Concen: 0.453 ng/u1
RT: 17.486 min Scan# 3151
Delta R.T. -0.009 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

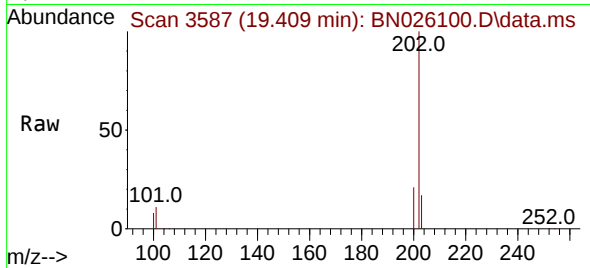
Tgt Ion:178 Resp: 37641
Ion Ratio Lower Upper
178 100
179 16.6 12.6 18.8
176 19.1 15.1 22.7





#19
Fluoranthene
Concen: 3.867 ng/u1
RT: 19.409 min Scan# 3587
Delta R.T. -0.005 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

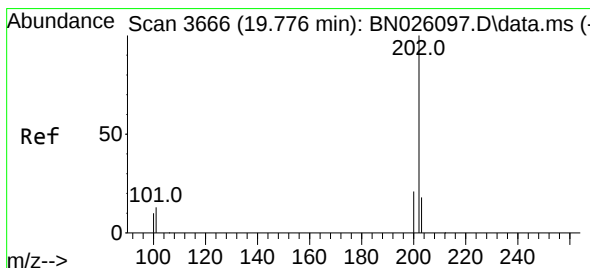
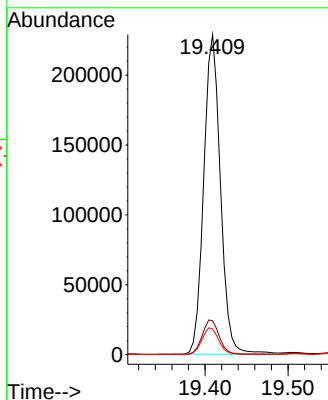
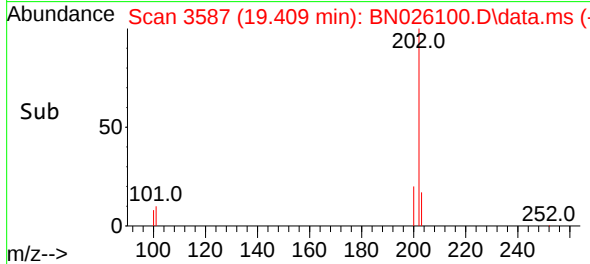
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ClientSampleId :
DCFS7DL



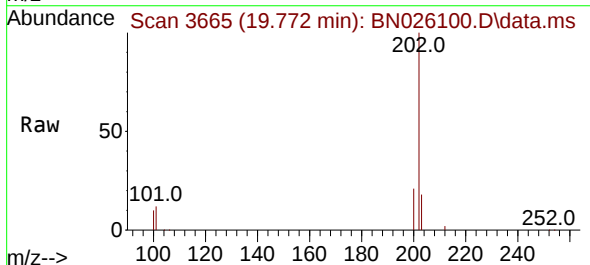
Tgt Ion:202 Resp: 320480
Ion Ratio Lower Upper
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101 10.6 9.5 14.3
100 8.0 7.3 10.9

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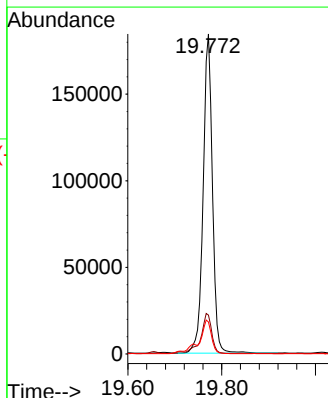
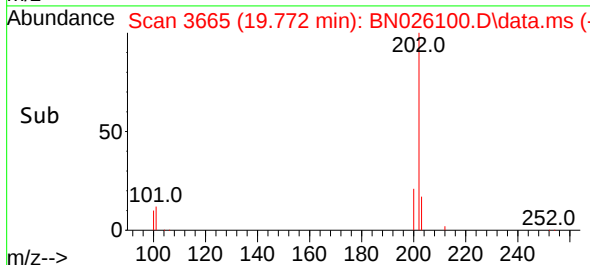
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

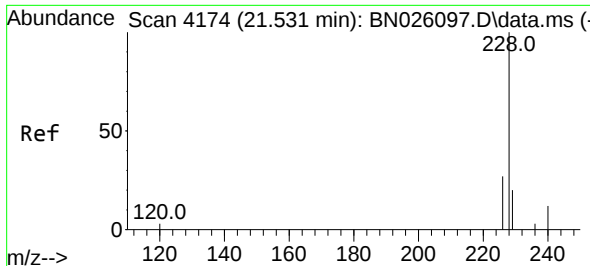


#20
Pyrene
Concen: 2.933 ng/u1
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30



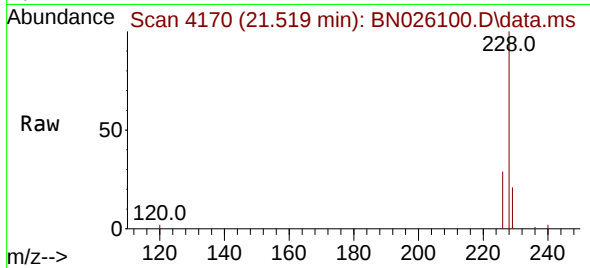
Tgt Ion:202 Resp: 252781
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.585 ng/u1
RT: 21.519 min Scan# 4170
Delta R.T. -0.009 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

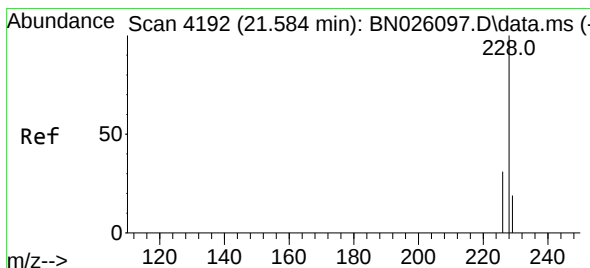
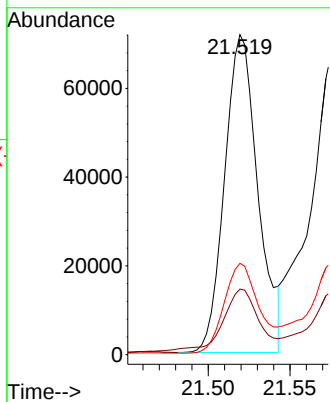
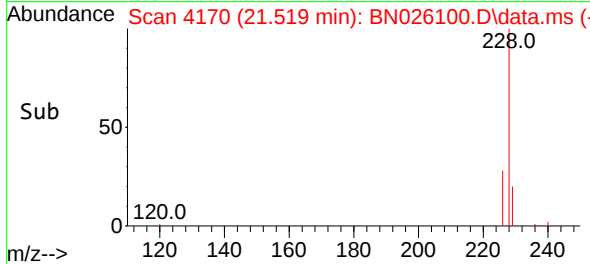
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:228 Resp: 101435
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.6 22.5 33.7

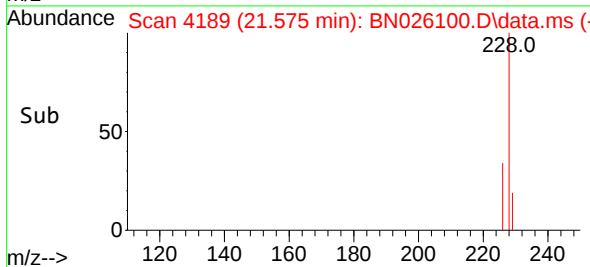
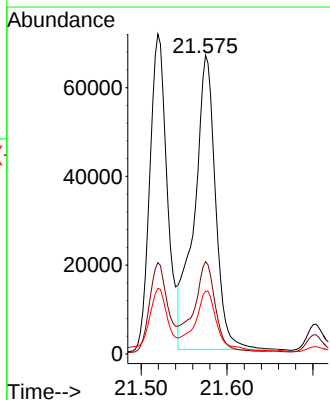
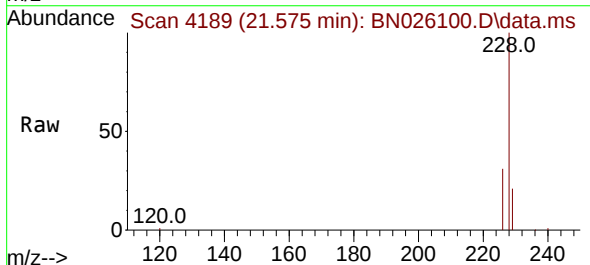
Manual Integrations
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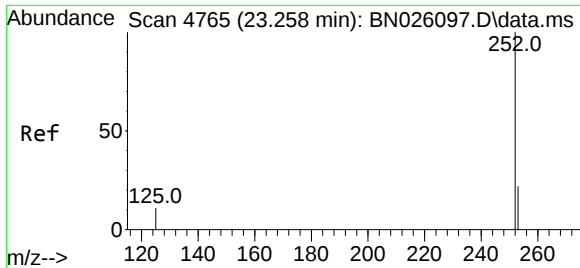
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Chrysene
Concen: 1.714 ng/u1
RT: 21.575 min Scan# 4189
Delta R.T. -0.004 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

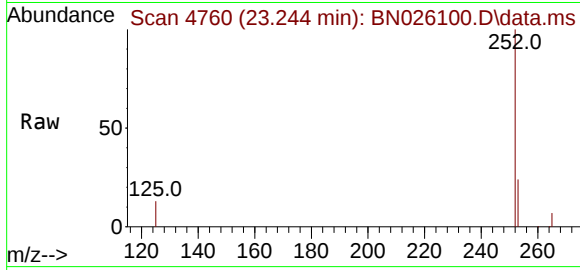
Tgt Ion:228 Resp: 114125
Ion Ratio Lower Upper
228 100
226 30.9 24.8 37.2
229 21.0 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 2.491 ng/ul m
RT: 23.244 min Scan# 4760
Delta R.T. -0.009 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

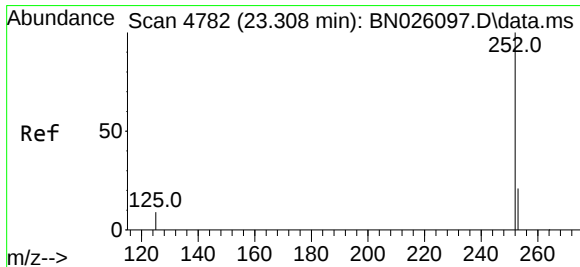
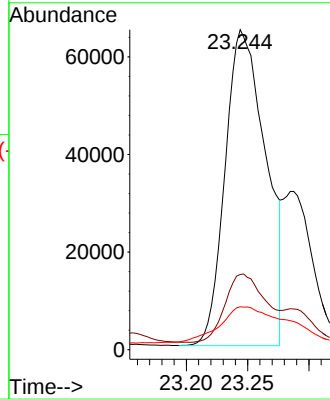
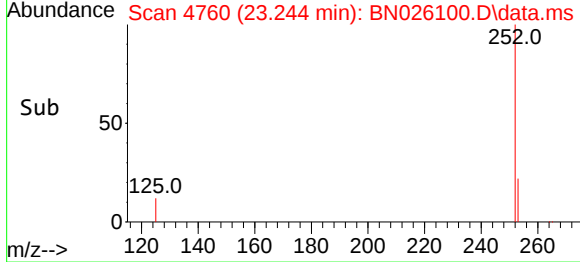
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:252 Resp: 148875
Ion Ratio Lower Upper
252 100
253 23.5 0.0 55.6
125 13.4 0.0 35.8

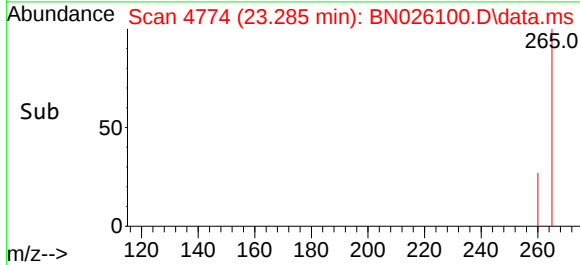
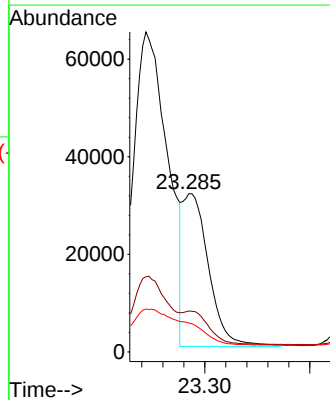
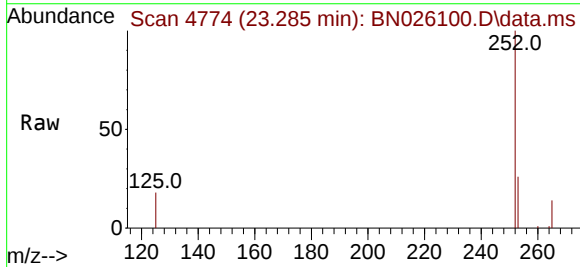
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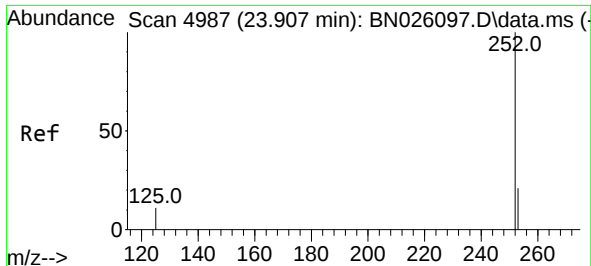
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#25
Benzo(k)fluoranthene
Concen: 0.900 ng/ul m
RT: 23.285 min Scan# 4774
Delta R.T. -0.018 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

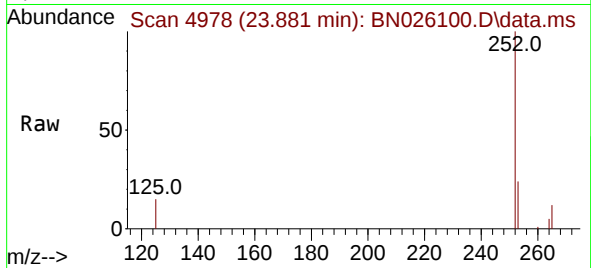
Tgt Ion:252 Resp: 54015
Ion Ratio Lower Upper
252 100
253 25.9 23.2 34.8
125 18.3 15.0 22.4





#26
Benzo(a)pyrene
Concen: 1.752 ng/ul
RT: 23.881 min Scan# 4987
Delta R.T. -0.024 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

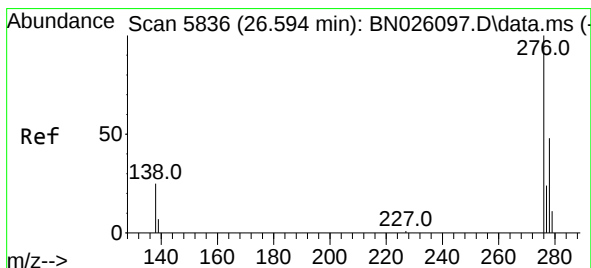
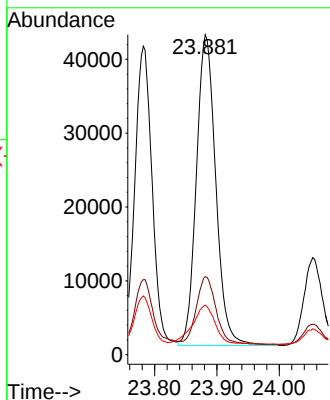
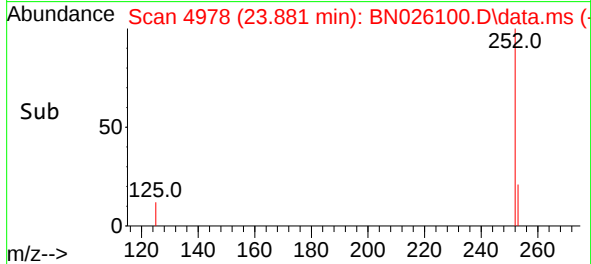
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



Tgt Ion:252 Resp: 9090
Ion Ratio Lower Upper
252 100
253 24.4 26.0 39.0
125 15.5 17.3 25.9

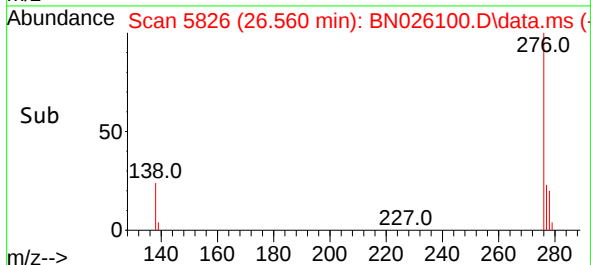
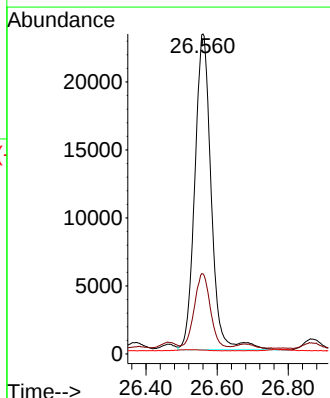
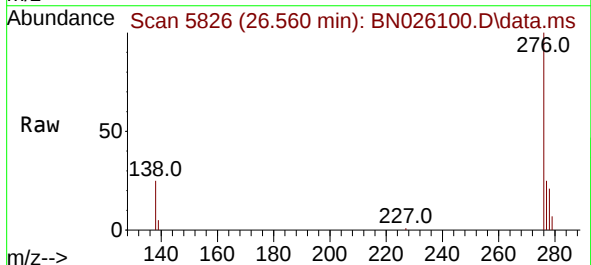
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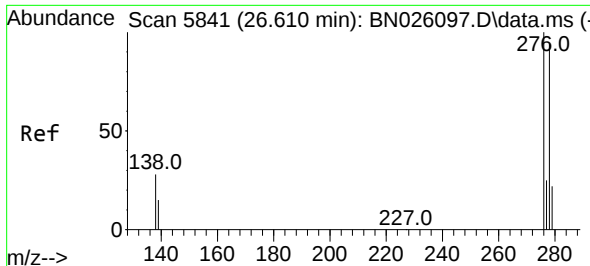
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.309 ng/ul
RT: 26.560 min Scan# 5826
Delta R.T. -0.034 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

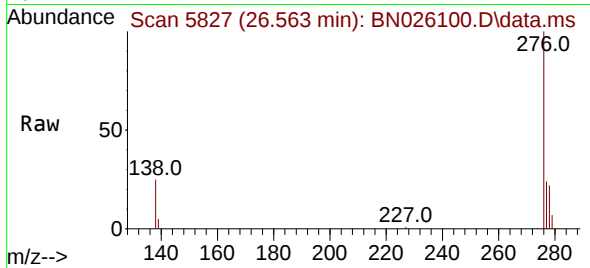
Tgt Ion:276 Resp: 74186
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7
227 0.0 0.0 0.0





#28
Dibenzo(a,h)anthracene
Concen: 0.406 ng/ul
RT: 26.563 min Scan# 5841
Delta R.T. -0.051 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30

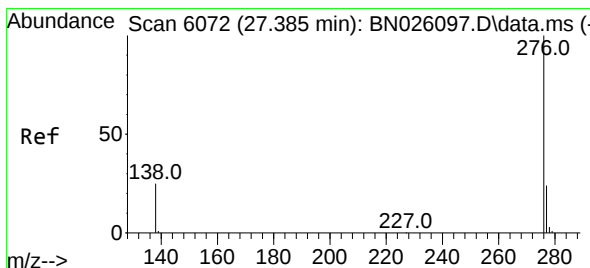
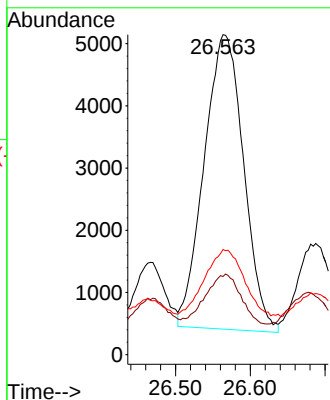
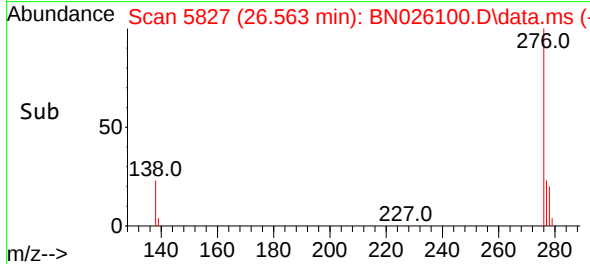
Instrument :
BNA_N
ClientSampleId :
DCFS7DL



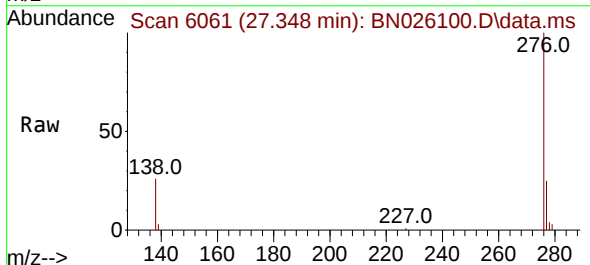
Tgt Ion: 278 Resp: 17410
Ion Ratio Lower Upper
278 100
139 24.4 19.0 28.4
279 32.9 26.7 40.1

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.423 ng/ul
RT: 27.348 min Scan# 6061
Delta R.T. -0.038 min
Lab File: BN026100.D
Acq: 29 Jun 2023 18:30



Tgt Ion: 276 Resp: 71753
Ion Ratio Lower Upper
276 100
138 26.0 23.4 35.0
277 24.6 20.0 30.0

