

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026279.D
 Acq On : 05 Jul 2023 01:21
 Operator : MA/JU
 Sample : 03246-05DL 5X
 Misc :
 ALS Vial : 137 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGJ2DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 01:56:57 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 Jul 05 00:03:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	9603	0.400	ng/ul	0.00
4) Naphthalene-d8	10.752	136	29397	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.588	164	17199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	31669	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	18684	0.400	ng/ul	0.00
23) Perylene-d12	23.975	264	19258	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	7479	0.692	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.342	152	2376	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.362	212	4080	0.057	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.802	128	29750	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.413	142	28899	0.539	ng/ul	100
8) 1-Methylnaphthalene	12.633	142	19995	0.360	ng/ul	100
10) Acenaphthylene	14.306	152	35042	0.435	ng/ul	98
11) Acenaphthene	14.648	153	4258	0.065	ng/ul	95
12) Fluorene	15.634	166	4898	0.065	ng/ul#	86
15) Phenanthrene	17.376	178	157999	1.510	ng/ul	99
16) Anthracene	17.469	178	33463	0.360	ng/ul	98
19) Fluoranthene	19.395	202	356469	3.572	ng/ul	96
20) Pyrene	19.758	202	291806	2.811	ng/ul	96
21) Benzo(a)anthracene	21.508	228	159516	2.070	ng/ul	96
22) Chrysene	21.563	228	195425	2.437	ng/ul	97
24) Benzo(b)fluoranthene	23.226	252	290836m	3.538	ng/ul	
25) Benzo(k)fluoranthene	23.270	252	90151m	1.092	ng/ul	
26) Benzo(a)pyrene	23.866	252	161527	2.263	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.533	276	128898	1.653	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.536	278	33904	0.574	ng/ul	95
29) Benzo(g,h,i)perylene	27.321	276	120891	1.743	ng/ul	95

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

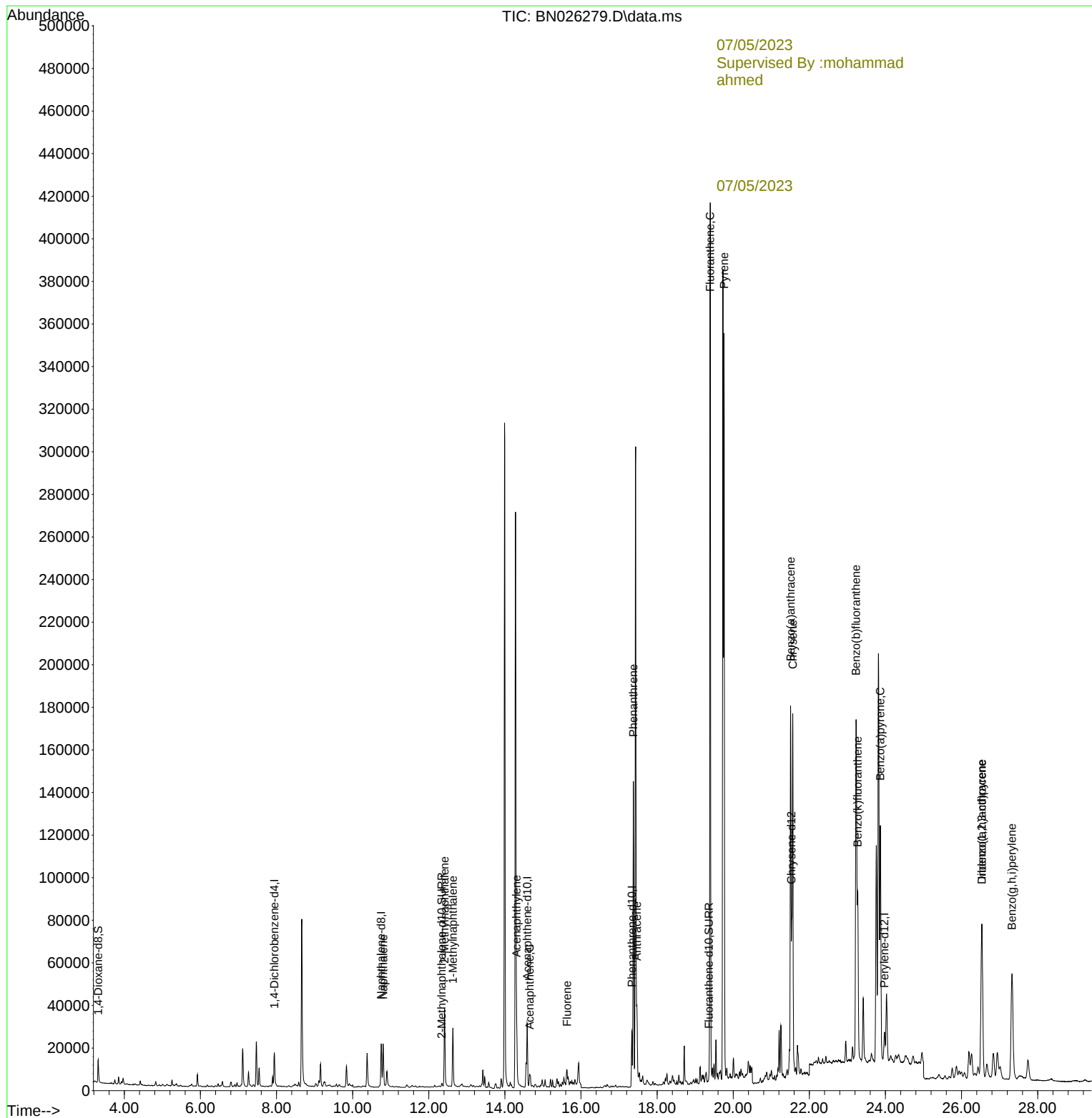
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026279.D
Acq On : 05 Jul 2023 01:21
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ALS Vial : 137 Sample Multiplier: 1

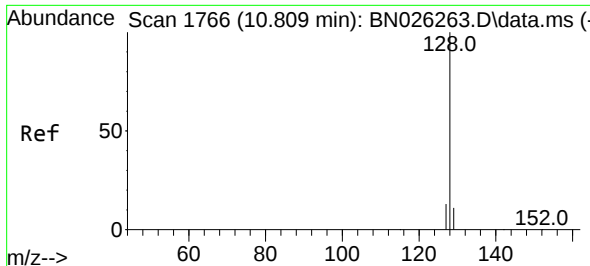
Instrument :
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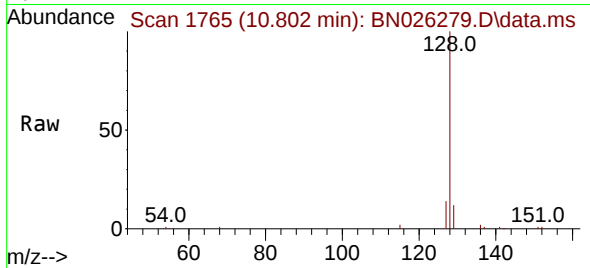
Quant Time: Jul 05 01:56:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.802 min Scan# 1765
Delta R.T. -0.007 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

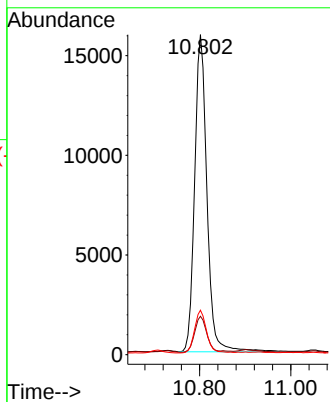
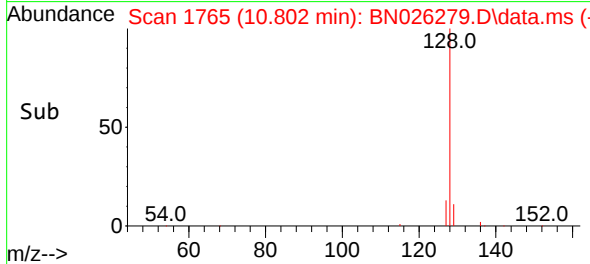
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:128 Resp: 29750
Ion Ratio Lower Upper
128 100
129 12.0 9.1 13.7
127 13.9 10.7 16.1

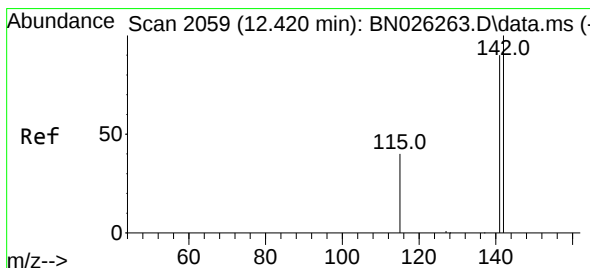
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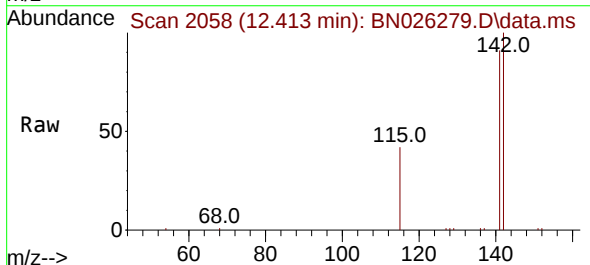


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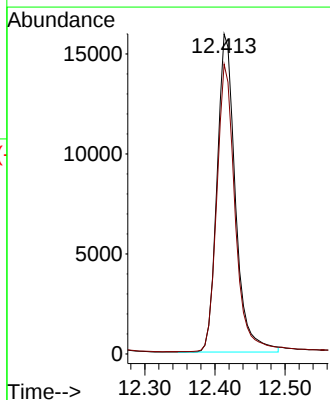
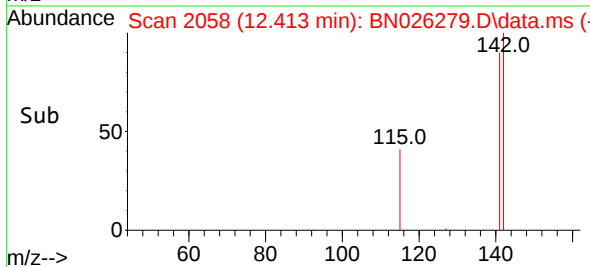
07/05/2023

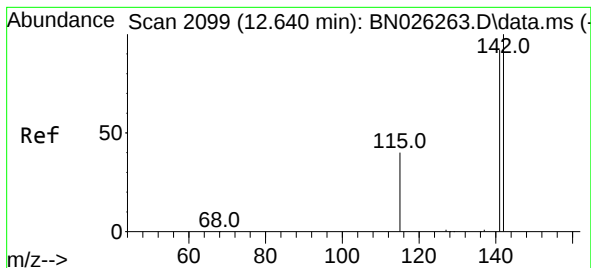


#7
2-Methylnaphthalene
Concen: 0.539 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.007 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21



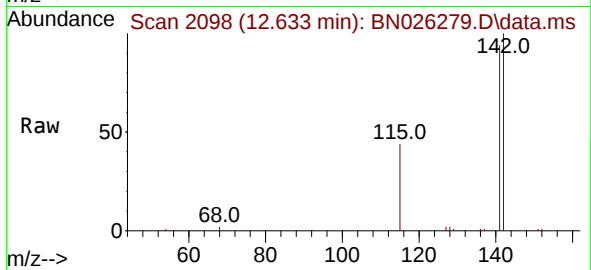
Tgt Ion:142 Resp: 28899
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.360 ng/ul
RT: 12.633 min Scan# 2099
Delta R.T. -0.007 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

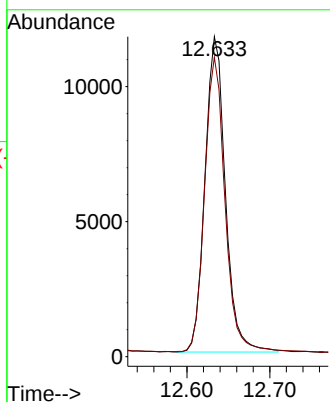
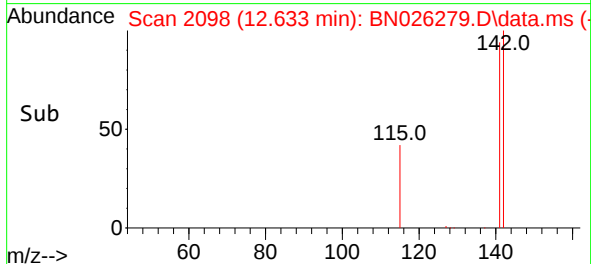
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:142 Resp: 1999
Ion Ratio Lower Upper
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141 93.0 74.2 111.4

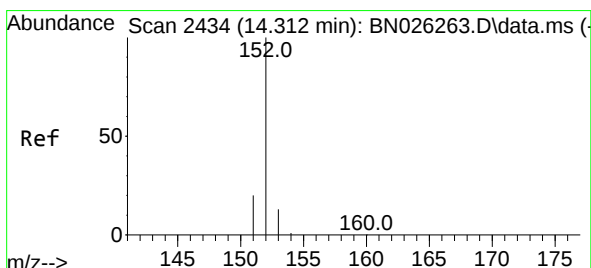
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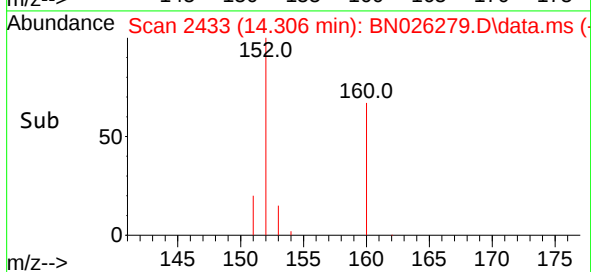
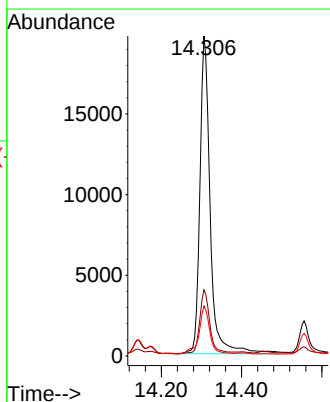
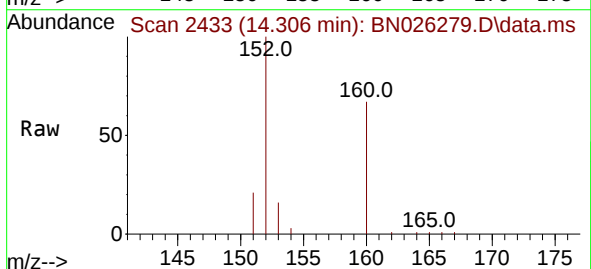
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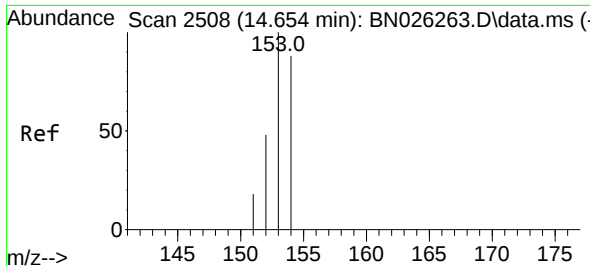
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#10
Acenaphthylene
Concen: 0.435 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

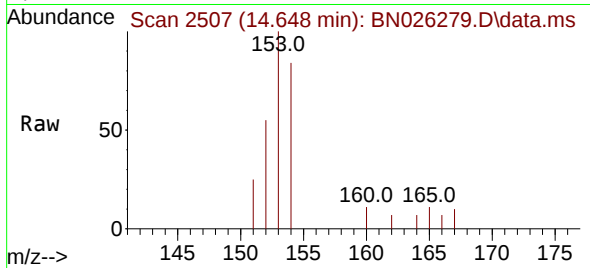
Tgt Ion:152 Resp: 35042
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 15.6 10.9 16.3





#11
Acenaphthene
Concen: 0.065 ng/u1
RT: 14.648 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

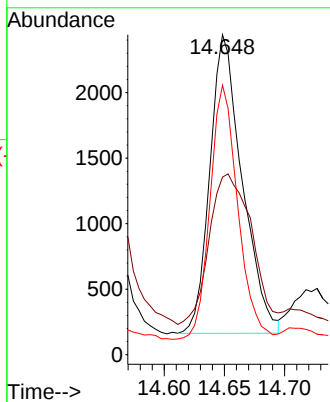
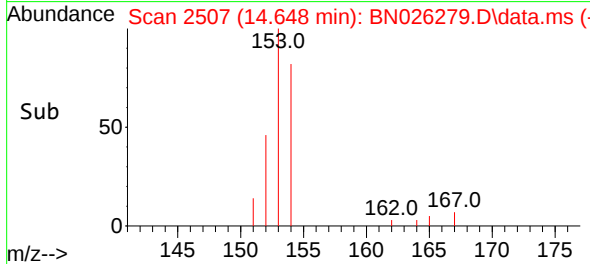
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:153 Resp: 4258
Ion Ratio Lower Upper
153 100
152 55.5 39.4 59.0
154 84.2 68.9 103.3

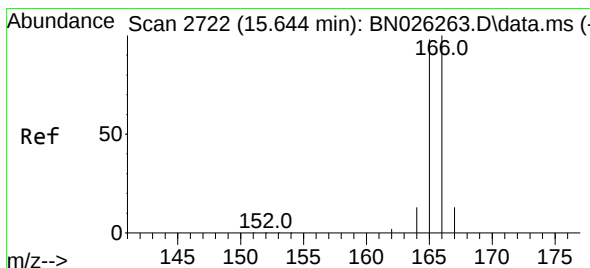
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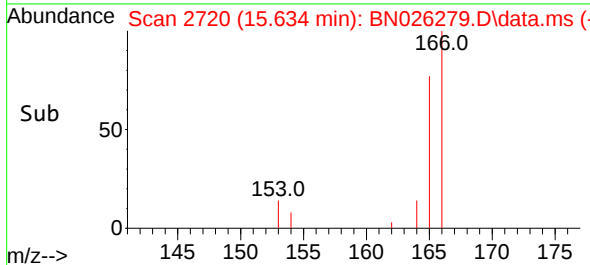
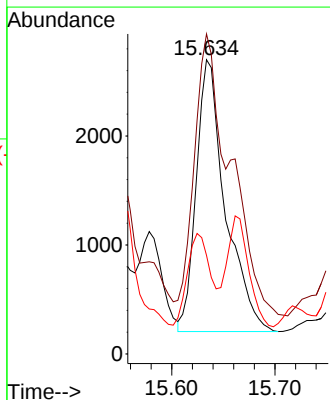
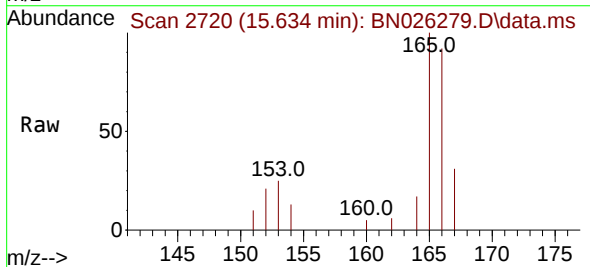
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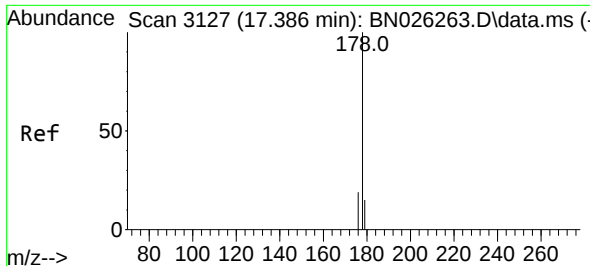
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#12
Fluorene
Concen: 0.065 ng/u1
RT: 15.634 min Scan# 2720
Delta R.T. -0.011 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

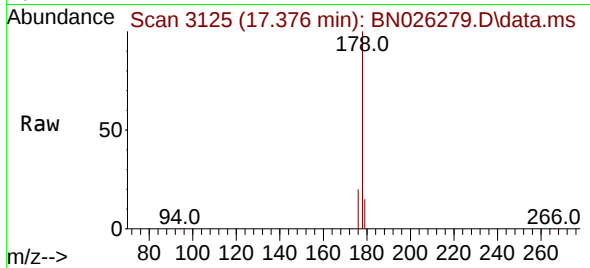
Tgt Ion:166 Resp: 4898
Ion Ratio Lower Upper
166 100
165 108.8 79.9 119.9
167 33.5 10.8 16.2#





#15
Phenanthrene
Concen: 1.510 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.010 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

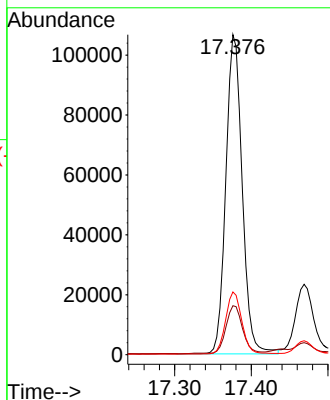
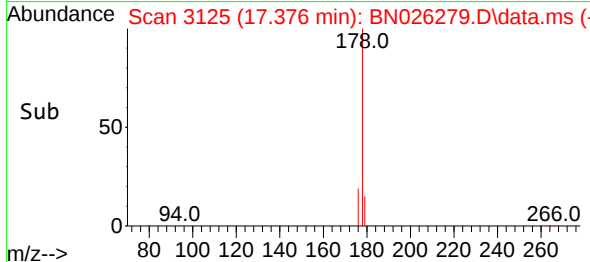
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:178 Resp: 157999
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.6 15.8 23.6

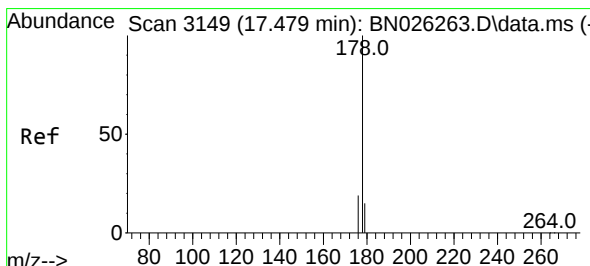
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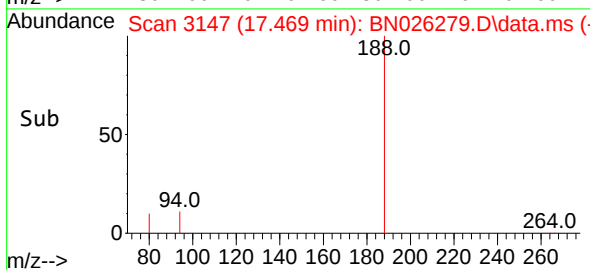
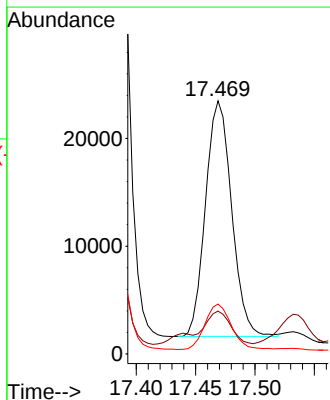
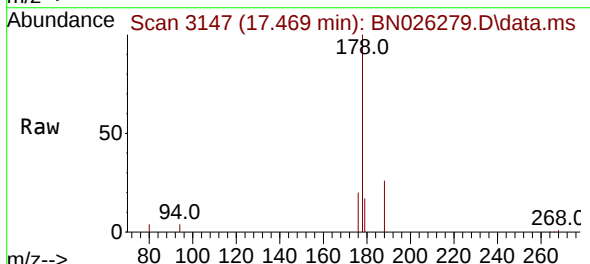
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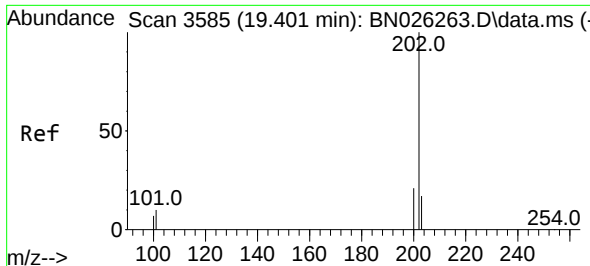
07/05/2023



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

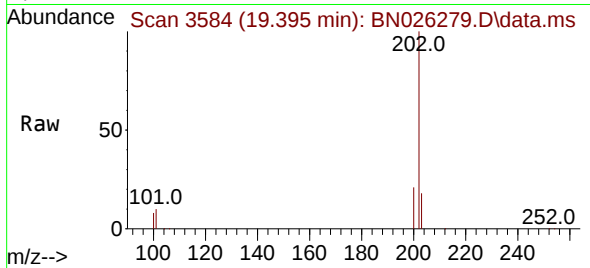
Tgt Ion:178 Resp: 33463
Ion Ratio Lower Upper
178 100
179 17.0 12.6 18.8
176 19.7 15.1 22.7





#19
Fluoranthene
Concen: 3.572 ng/ul
RT: 19.395 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

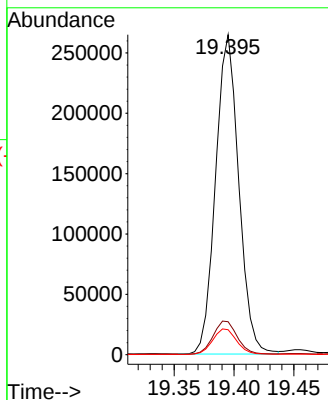
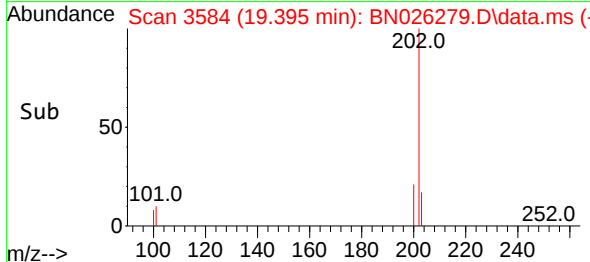
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:202 Resp: 356469
Ion Ratio Lower Upper
202 100
101 10.3 9.5 14.3
100 7.8 7.3 10.9

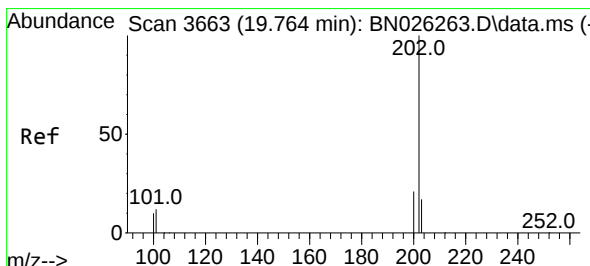
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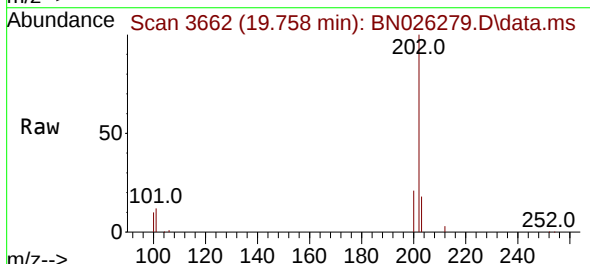


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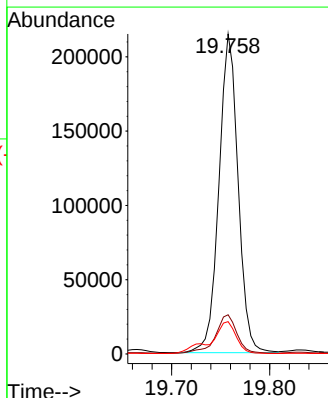
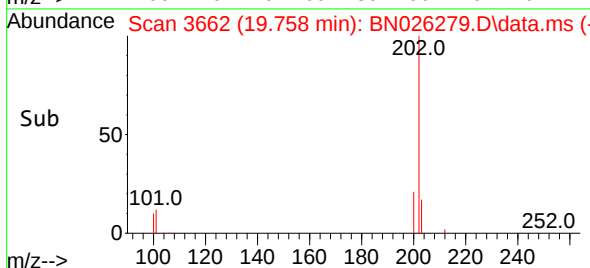
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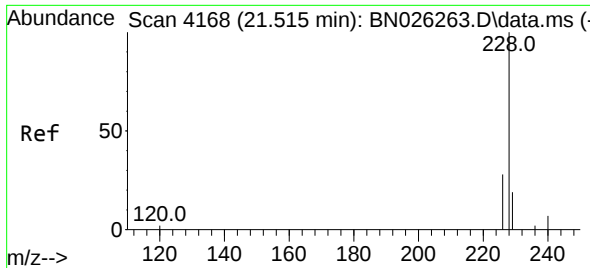


#20
Pyrene
Concen: 2.811 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21



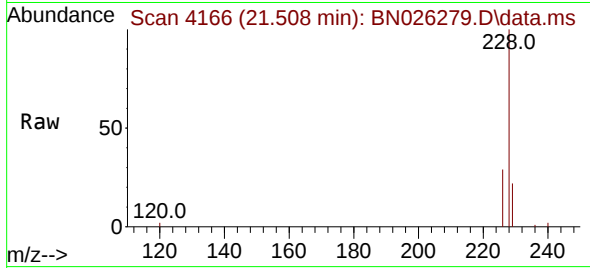
Tgt Ion:202 Resp: 291806
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.1 9.1 13.7





#21
Benzo(a)anthracene
Concen: 2.070 ng/u1
RT: 21.508 min Scan# 4166
Delta R.T. -0.008 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

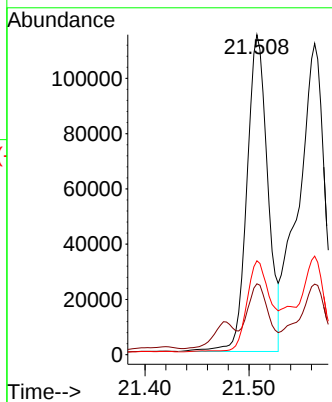
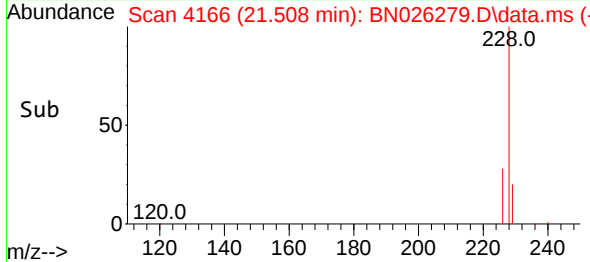
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:228 Resp: 159510
Ion Ratio Lower Upper
228 100
229 22.1 15.8 23.6
226 29.3 22.5 33.7

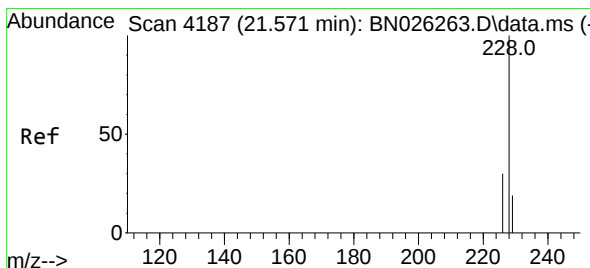
Manual Integrations
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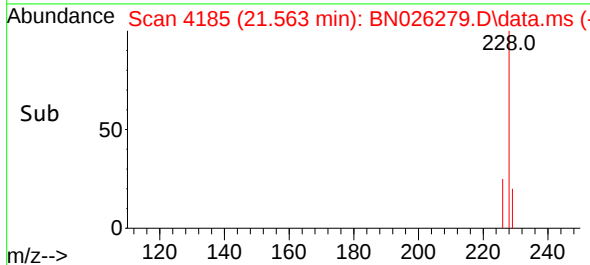
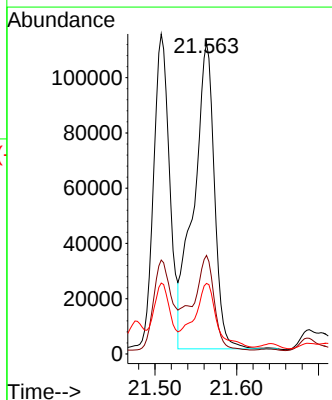
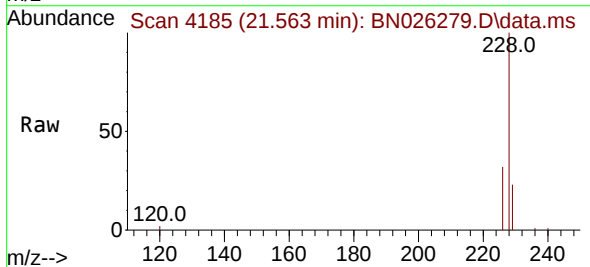
07/05/2023
Supervised By :mohammad
ahmed

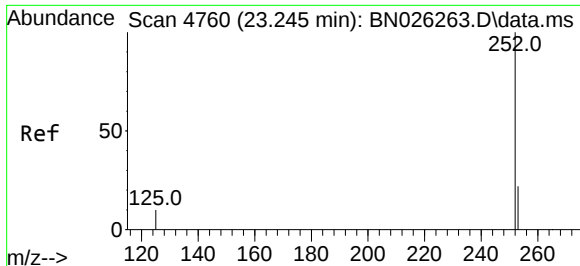
07/05/2023



#22
Chrysene
Concen: 2.437 ng/u1
RT: 21.563 min Scan# 4185
Delta R.T. -0.008 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

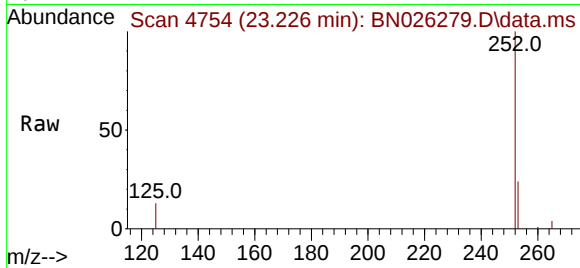
Tgt Ion:228 Resp: 195425
Ion Ratio Lower Upper
228 100
226 31.7 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.538 ng/ul m
RT: 23.226 min Scan# 4754
Delta R.T. -0.019 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

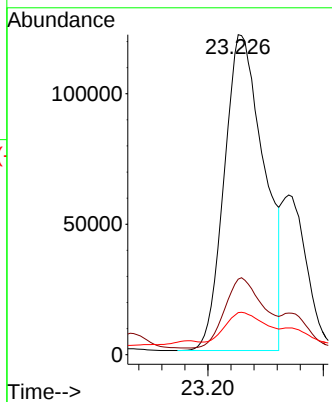
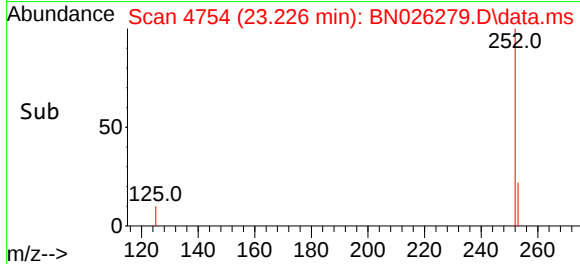
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:252 Resp: 290830
Ion Ratio Lower Upper
252 100
253 23.6 0.0 55.6
125 13.2 0.0 35.8

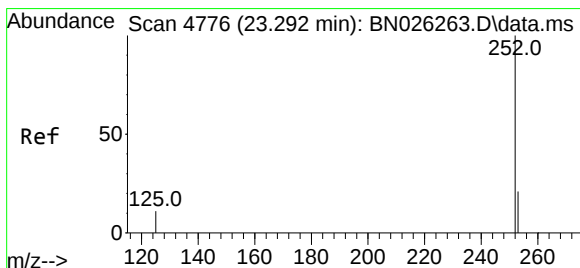
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



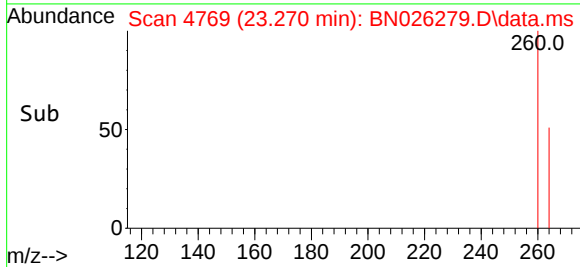
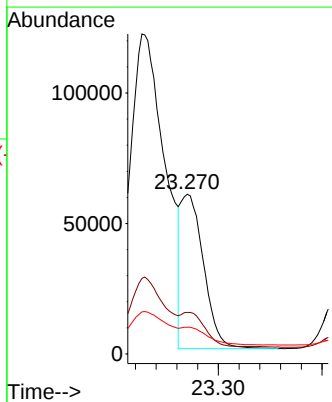
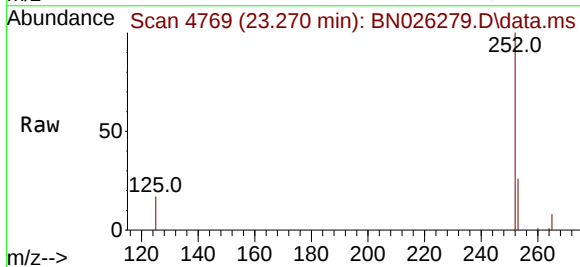
07/05/2023
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ahmed

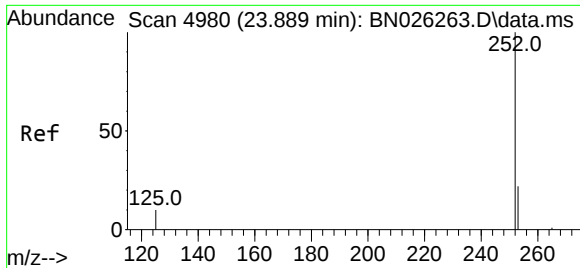
07/05/2023



#25
Benzo(k)fluoranthene
Concen: 1.092 ng/ul m
RT: 23.270 min Scan# 4769
Delta R.T. -0.022 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

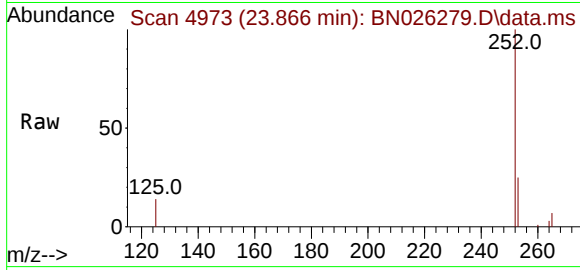
Tgt Ion:252 Resp: 90151
Ion Ratio Lower Upper
252 100
253 26.0 23.2 34.8
125 16.8 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.263 ng/ul
RT: 23.866 min Scan# 4980
Delta R.T. -0.022 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

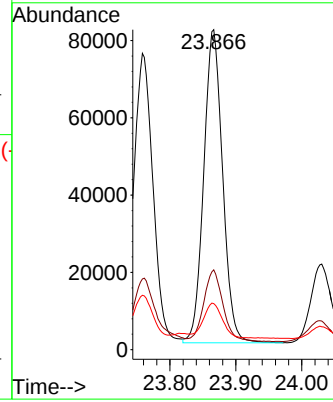
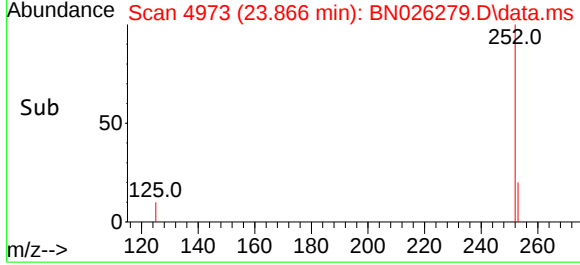
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:252 Resp: 16152
Ion Ratio Lower Upper
252 100
253 24.9 26.0 39.0#
125 14.4 17.3 25.9#

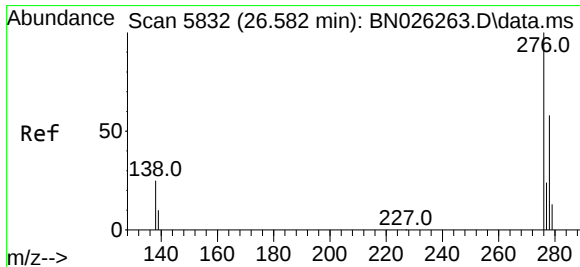
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



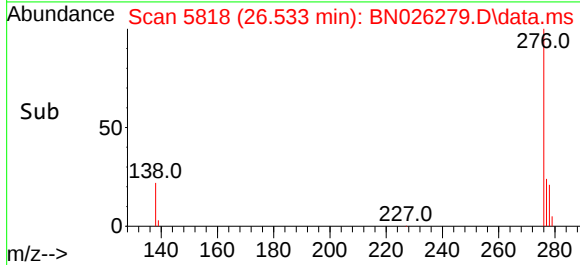
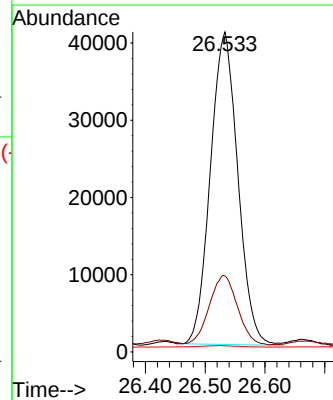
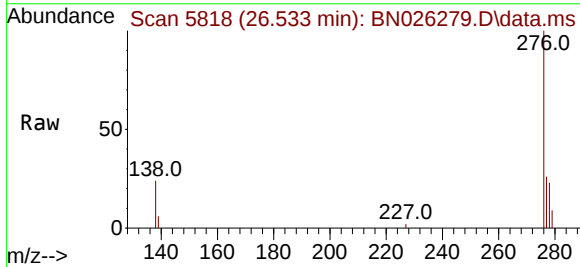
07/05/2023
Supervised By :mohammad
ahmed

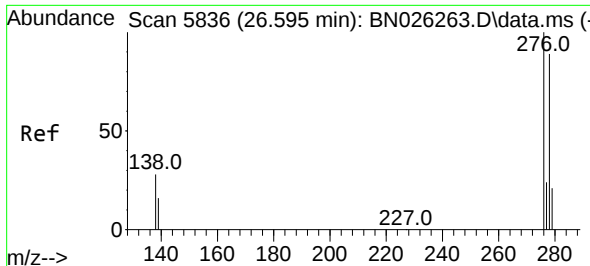
07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.653 ng/ul
RT: 26.533 min Scan# 5818
Delta R.T. -0.049 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

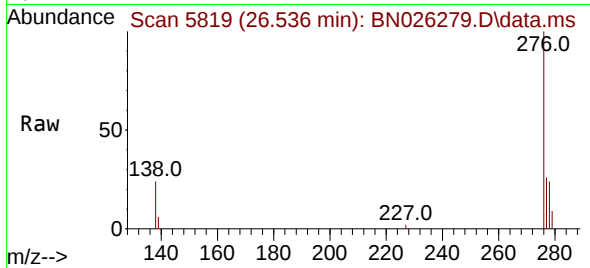
Tgt Ion:276 Resp: 128898
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.7 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.574 ng/ul
RT: 26.536 min Scan# 5819
Delta R.T. -0.059 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21

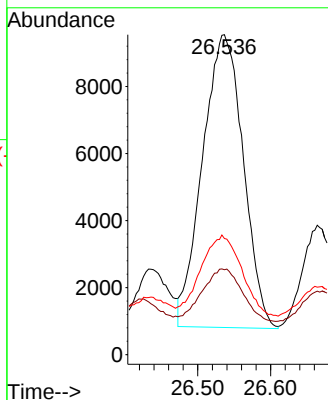
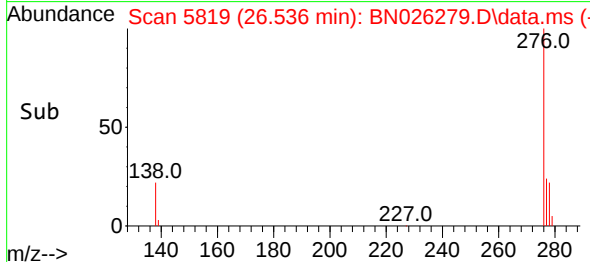
Instrument :
BNA_N
ClientSampleId :
DCGJ2DL



Tgt Ion:278 Resp: 33904
Ion Ratio Lower Upper
278 100
139 26.5 19.0 28.4
279 36.3 26.7 40.1

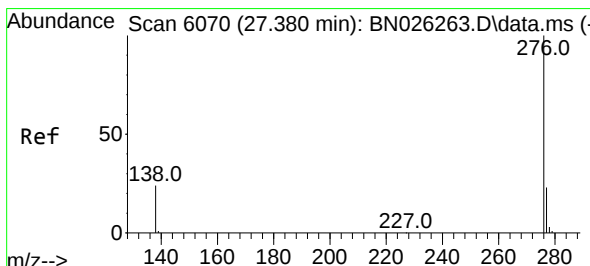
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

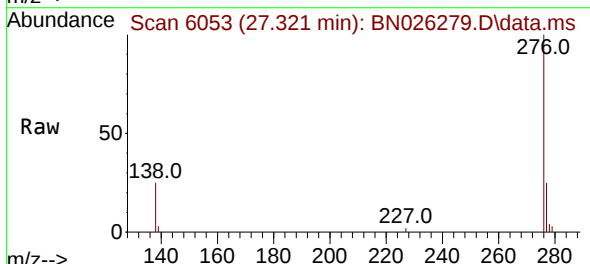


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07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 1.743 ng/ul
RT: 27.321 min Scan# 6053
Delta R.T. -0.059 min
Lab File: BN026279.D
Acq: 05 Jul 2023 01:21



Tgt Ion:276 Resp: 120891
Ion Ratio Lower Upper
276 100
138 24.7 23.4 35.0
277 25.0 20.0 30.0

