

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026274.D
 Acq On : 04 Jul 2023 22:19
 Operator : MA/JU
 Sample : 03244-08DL 5X
 Misc :
 ALS Vial : 132 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGE7DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 00:09:28 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	11740	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	35631	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.584	164	19547	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	34420	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	19663	0.400	ng/ul	0.00
23) Perylene-d12	23.979	264	24822	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	8673	0.656	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2610	0.048	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	4045	0.054	ng/ul	-0.01
Target Compounds					Qvalue	
5) Naphthalene	10.803	128	215924	2.114	ng/ul	99
7) 2-Methylnaphthalene	12.415	142	62242	0.957	ng/ul	100
8) 1-Methylnaphthalene	12.635	142	41250	0.612	ng/ul	100
10) Acenaphthylene	14.307	152	22448	0.245	ng/ul#	96
11) Acenaphthene	14.649	153	169048	2.258	ng/ul	99
12) Fluorene	15.634	166	195492	2.277	ng/ul	99
15) Phenanthrene	17.376	178	2229748	19.612	ng/ul	99
16) Anthracene	17.469	178	474310	4.694	ng/ul	100
19) Fluoranthene	19.396	202	2800686	26.667	ng/ul	96
20) Pyrene	19.759	202	2104523	19.266	ng/ul	96
21) Benzo(a)anthracene	21.511	228	1086397	13.393	ng/ul	99
22) Chrysene	21.564	228	1015840	12.036	ng/ul	97
24) Benzo(b)fluoranthene	23.233	252	1376325m	12.991	ng/ul	
25) Benzo(k)fluoranthene	23.274	252	472503m	4.441	ng/ul	
26) Benzo(a)pyrene	23.867	252	905646	9.842	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.537	276	624148	6.210	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.544	278	163992	2.156	ng/ul	92
29) Benzo(g,h,i)perylene	27.332	276	556337	6.223	ng/ul#	93

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

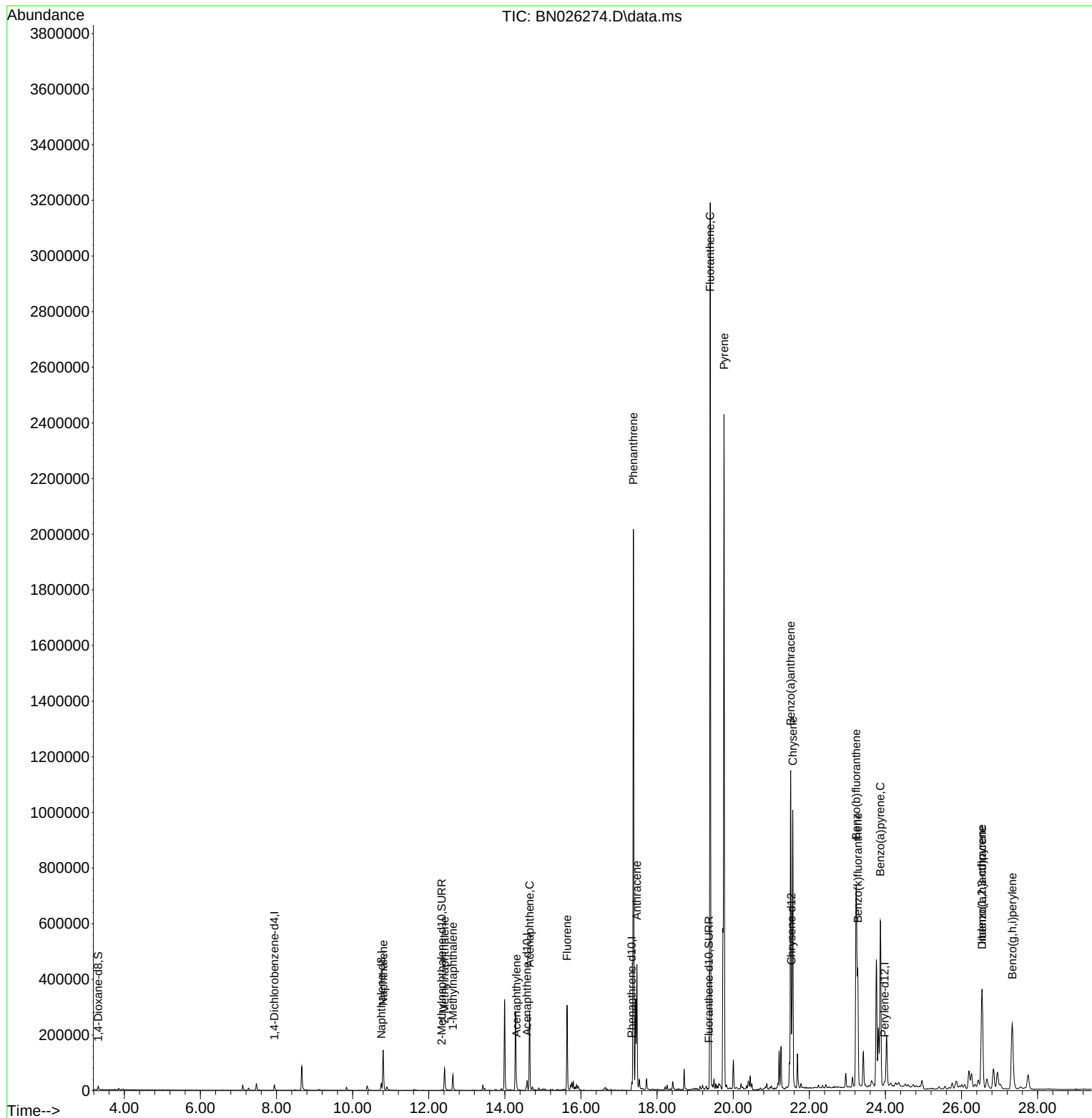
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
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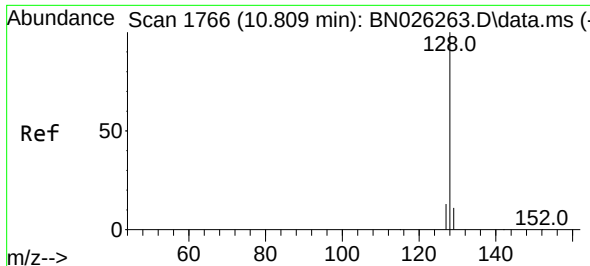
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Quant Time: Jul 05 00:09:28 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
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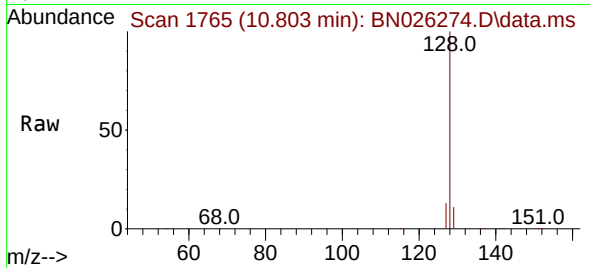
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023





#5
Naphthalene
Concen: 2.114 ng/ul
RT: 10.803 min Scan# 1766
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

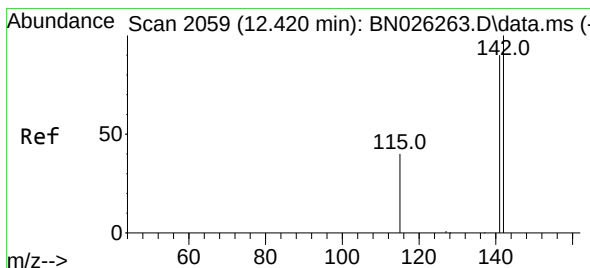
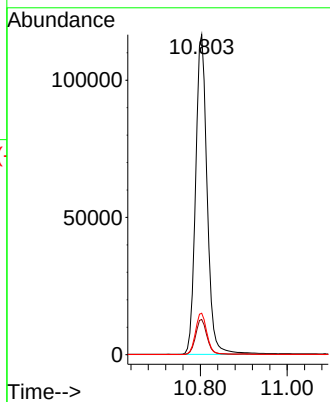
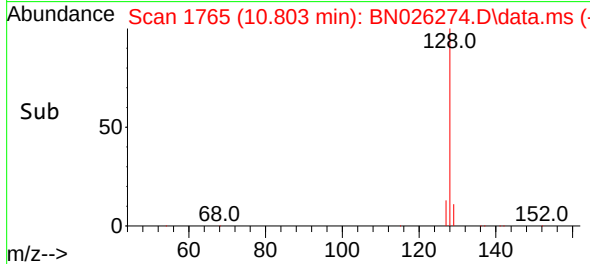
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:128 Resp: 215924
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.0 10.7 16.1

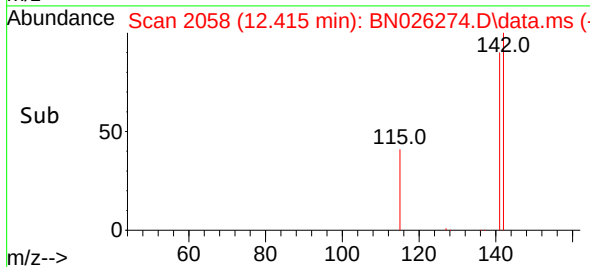
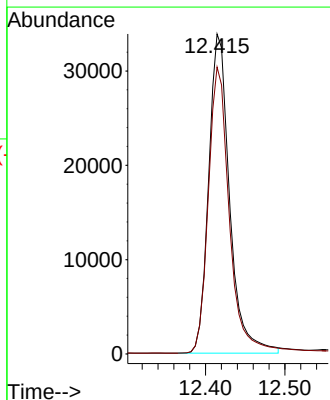
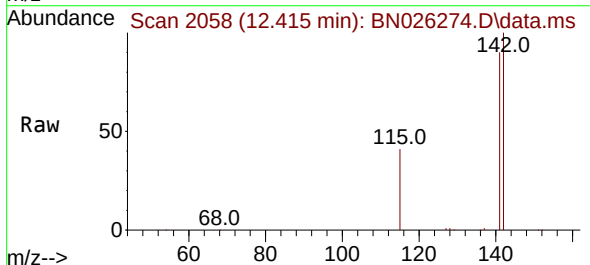
Manual Integrations
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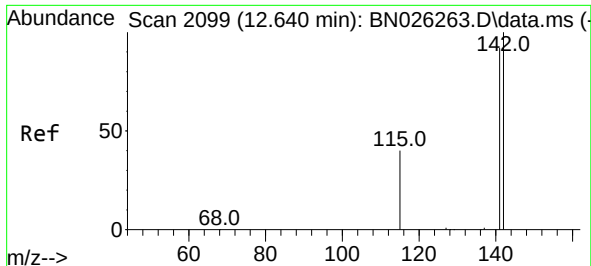
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.957 ng/ul
RT: 12.415 min Scan# 2058
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

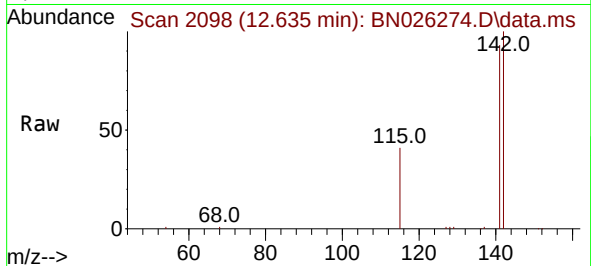
Tgt Ion:142 Resp: 62242
Ion Ratio Lower Upper
142 100
141 89.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.612 ng/ul
RT: 12.635 min Scan# 2099
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

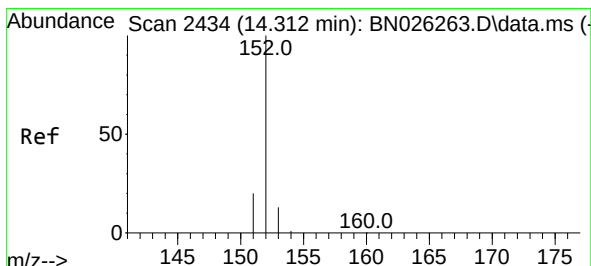
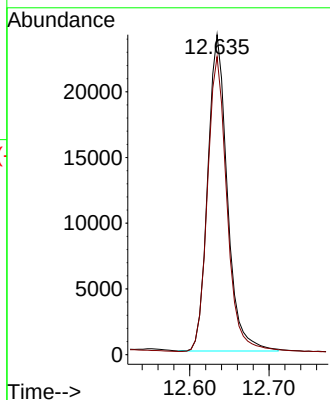
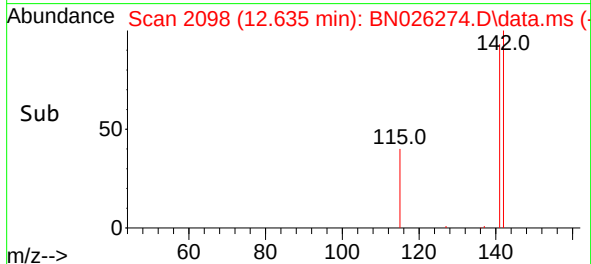
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:142 Resp: 41250
Ion Ratio Lower Upper
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141 92.8 74.2 111.4

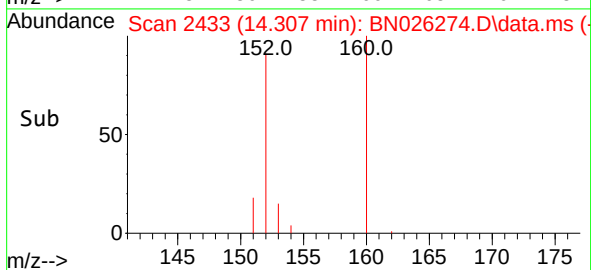
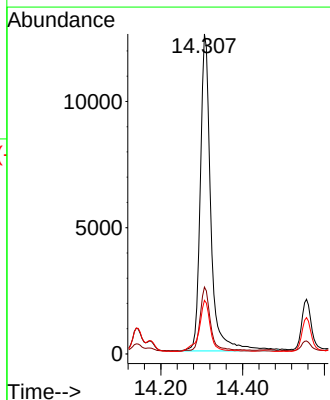
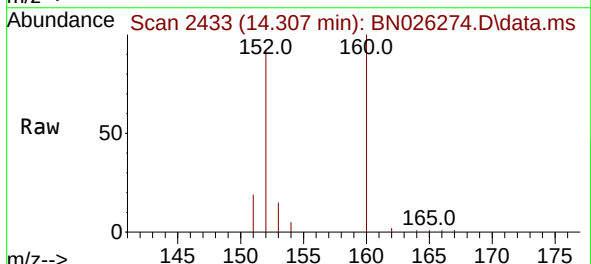
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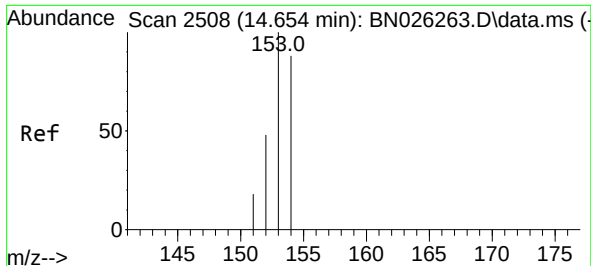
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.245 ng/ul
RT: 14.307 min Scan# 2433
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

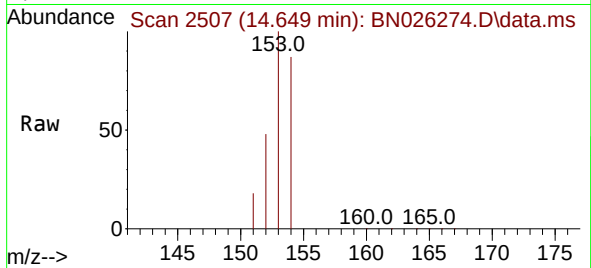
Tgt Ion:152 Resp: 22448
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.4
153 16.8 10.9 16.3#





#11
Acenaphthene
Concen: 2.258 ng/ul
RT: 14.649 min Scan# 2507
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

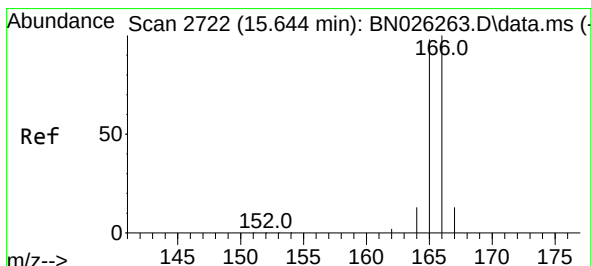
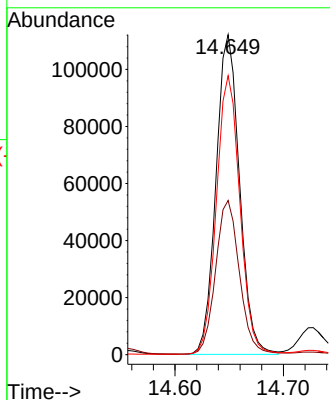
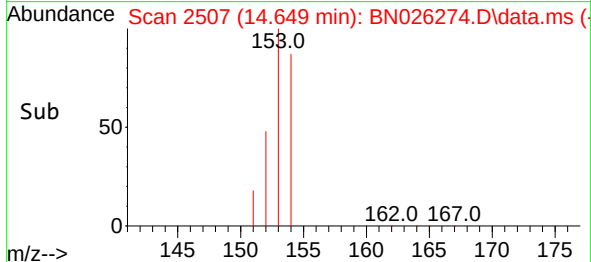
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:153 Resp: 169048
Ion Ratio Lower Upper
153 100
152 48.2 39.4 59.0
154 87.2 68.9 103.3

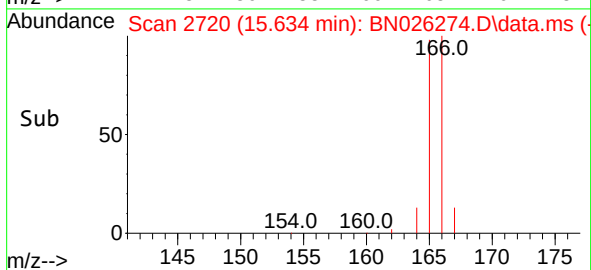
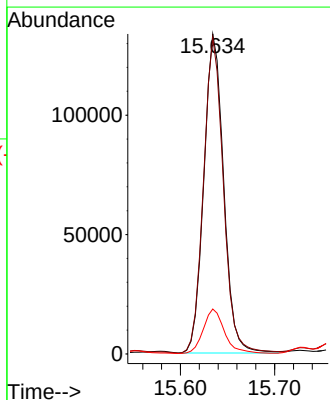
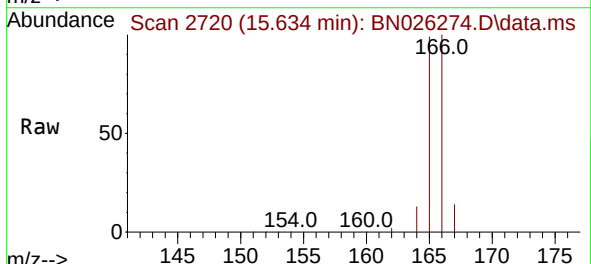
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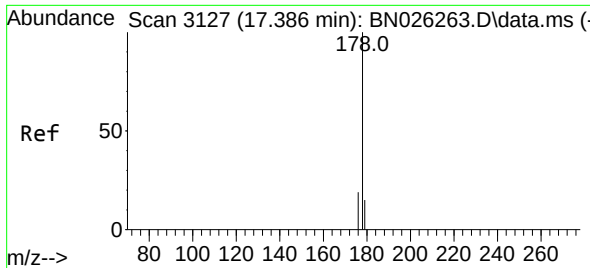
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 2.277 ng/ul
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

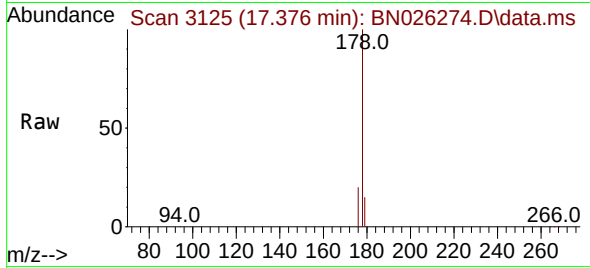
Tgt Ion:166 Resp: 195492
Ion Ratio Lower Upper
166 100
165 98.9 79.9 119.9
167 14.1 10.8 16.2





#15
Phenanthrene
Concen: 19.612 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

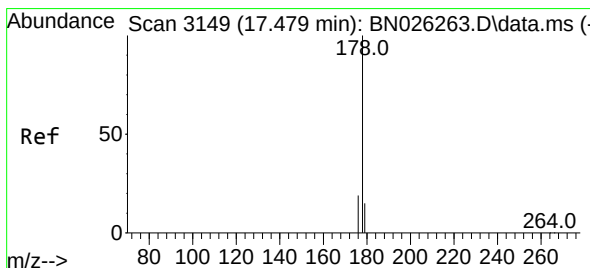
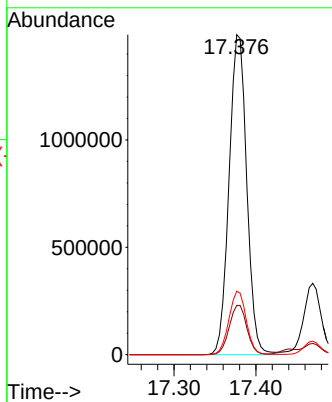
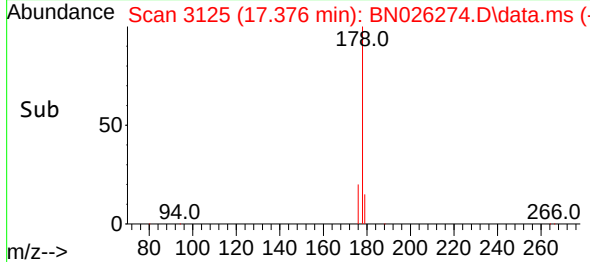
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:178 Resp: 2229748
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.9 15.8 23.6

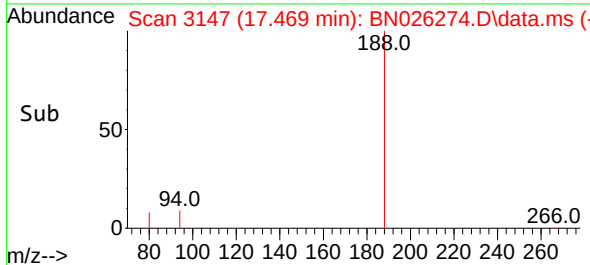
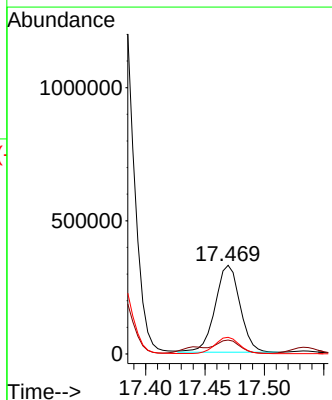
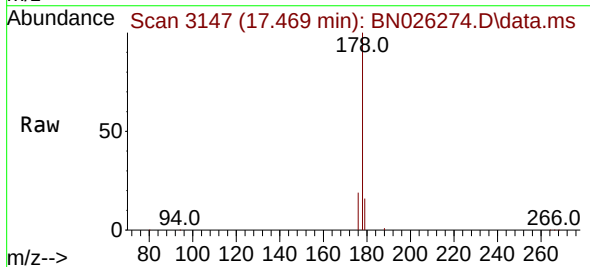
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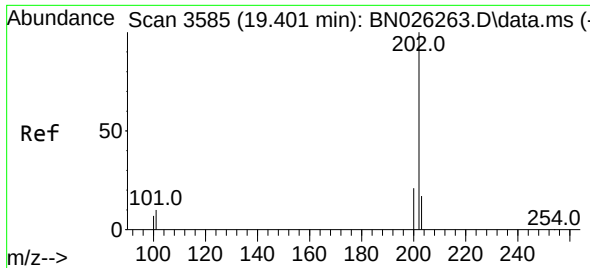
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 4.694 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

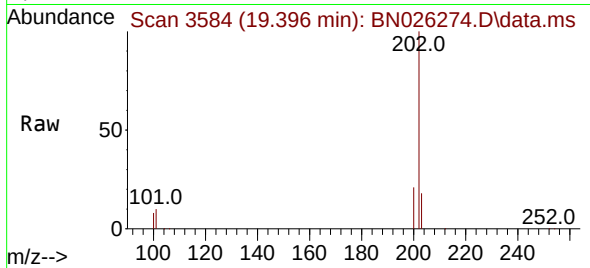
Tgt Ion:178 Resp: 474310
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 18.9 15.1 22.7





#19
Fluoranthene
Concen: 26.667 ng/ul
RT: 19.396 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

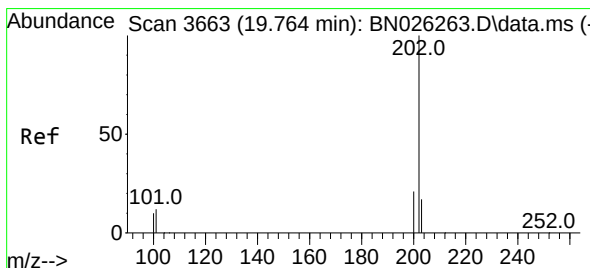
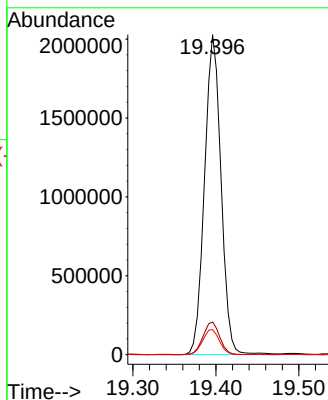
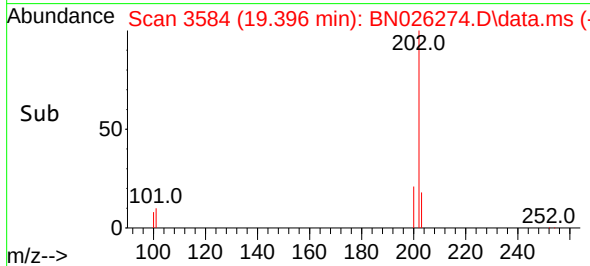
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:202 Resp: 2800680
Ion Ratio Lower Upper
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101 10.2 9.5 14.3
100 7.9 7.3 10.9

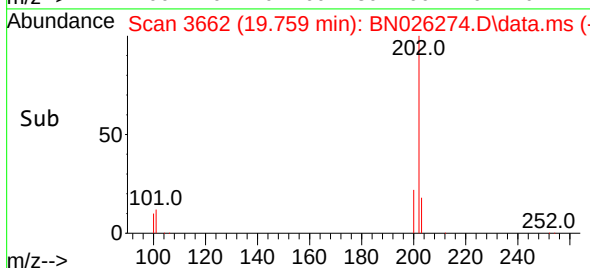
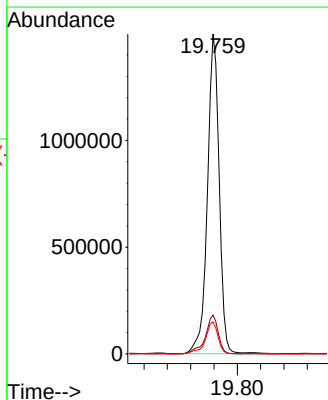
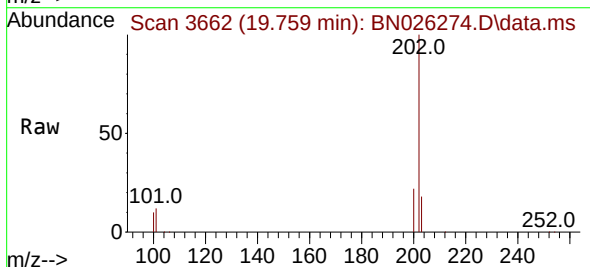
Manual Integrations
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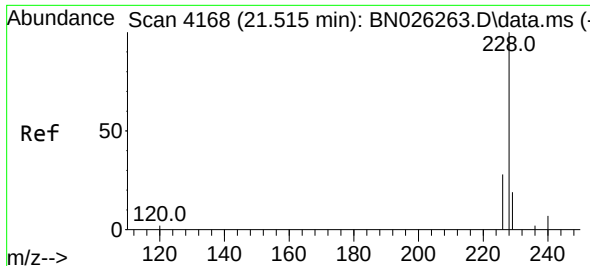
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 19.266 ng/ul
RT: 19.759 min Scan# 3662
Delta R.T. -0.005 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

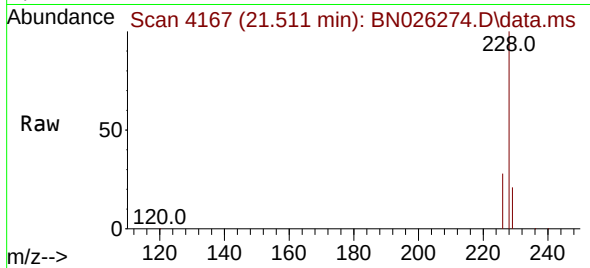
Tgt Ion:202 Resp: 2104523
Ion Ratio Lower Upper
202 100
101 12.2 11.4 17.0
100 10.0 9.1 13.7





#21
Benzo(a)anthracene
Concen: 13.393 ng/u1
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

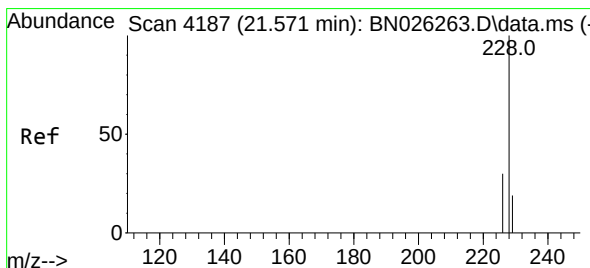
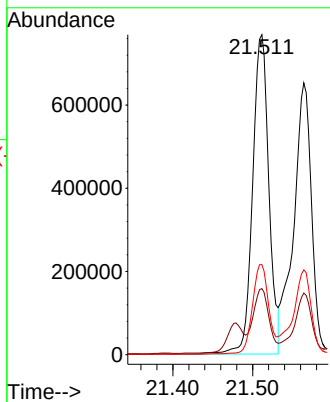
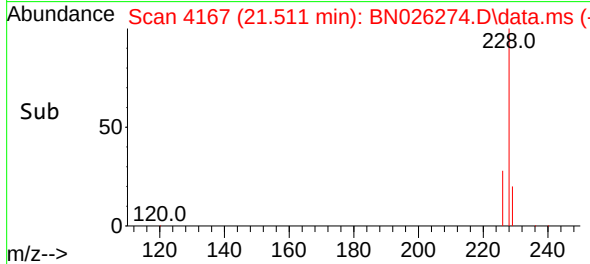
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:228 Resp: 108639
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 28.2 22.5 33.7

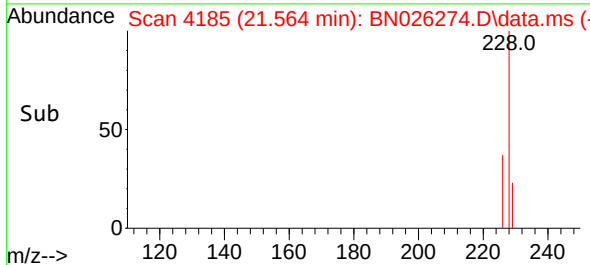
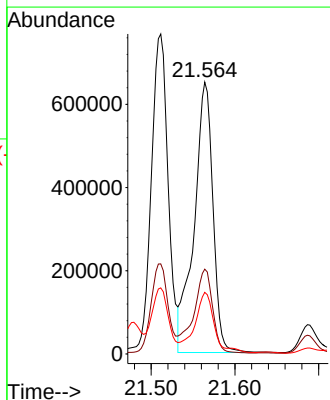
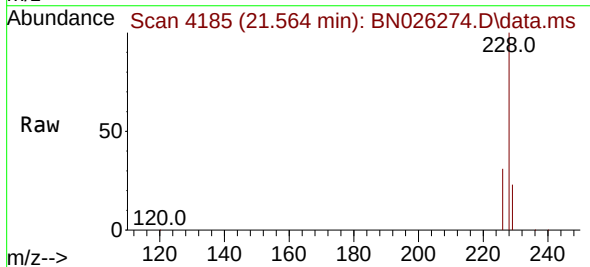
Manual Integrations
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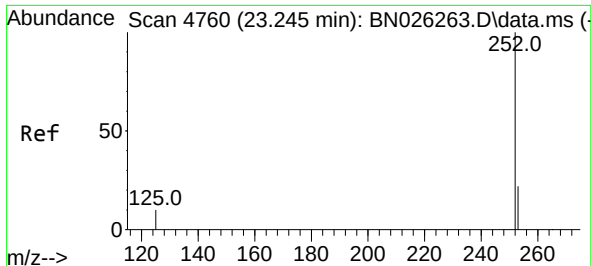
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 12.036 ng/u1
RT: 21.564 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

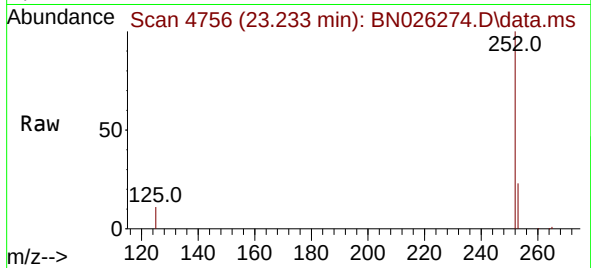
Tgt Ion:228 Resp: 1015840
Ion Ratio Lower Upper
228 100
226 31.2 24.8 37.2
229 22.7 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 12.991 ng/ul m
RT: 23.233 min Scan# 4756
Delta R.T. -0.012 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

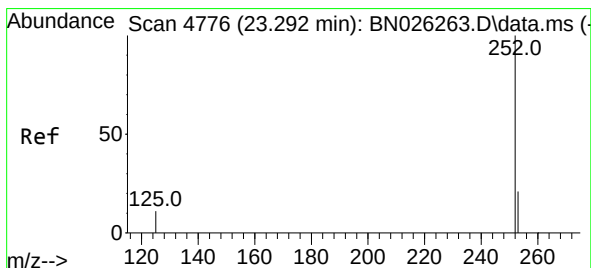
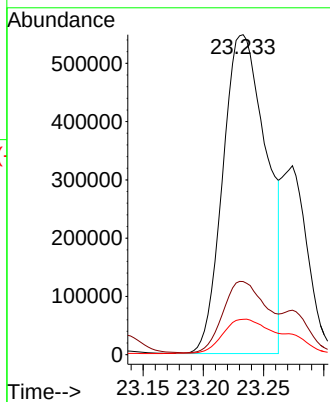
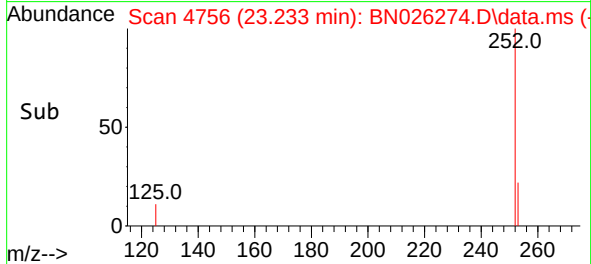
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:252 Resp: 137632
Ion Ratio Lower Upper
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253 22.8 0.0 55.6
125 11.1 0.0 35.8

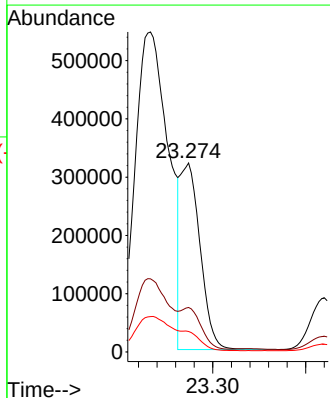
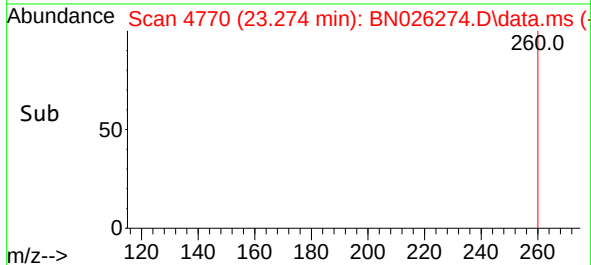
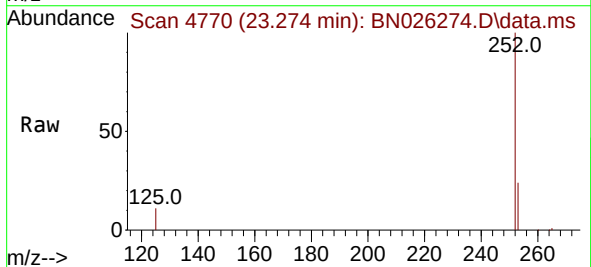
Manual Integrations
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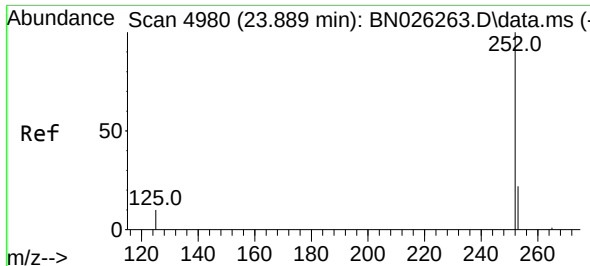
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 4.441 ng/ul m
RT: 23.274 min Scan# 4770
Delta R.T. -0.018 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

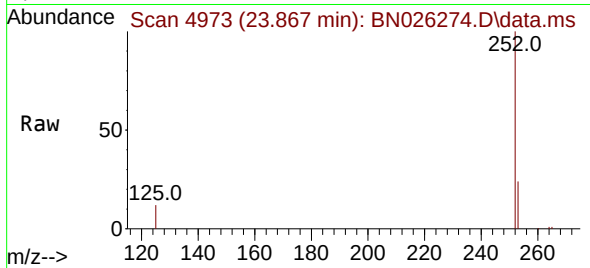
Tgt Ion:252 Resp: 472503
Ion Ratio Lower Upper
252 100
253 23.6 23.2 34.8
125 10.9 15.0 22.4





#26
Benzo(a)pyrene
Concen: 9.842 ng/ul
RT: 23.867 min Scan# 4980
Delta R.T. -0.021 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

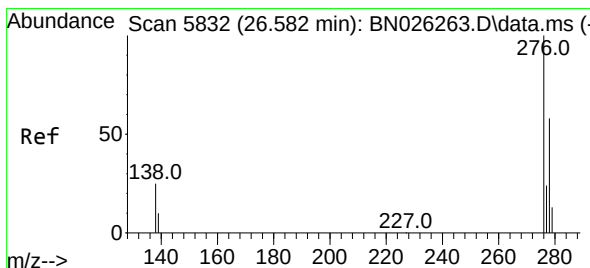
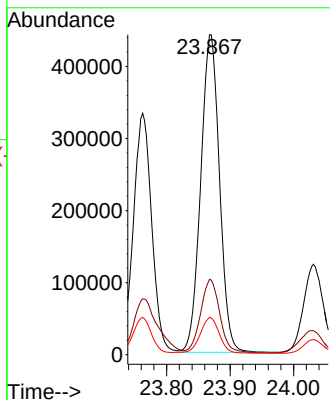
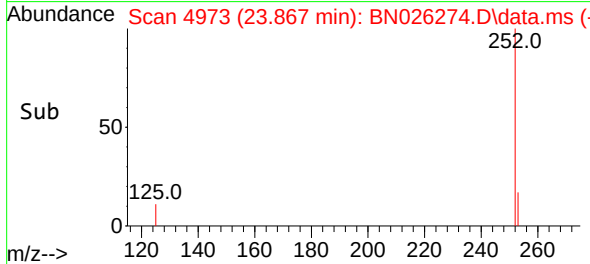
Instrument :
BNA_N
ClientSampleId :
DCGE7DL



Tgt Ion:252 Resp: 905640
Ion Ratio Lower Upper
252 100
253 23.6 26.0 39.0#
125 11.7 17.3 25.9#

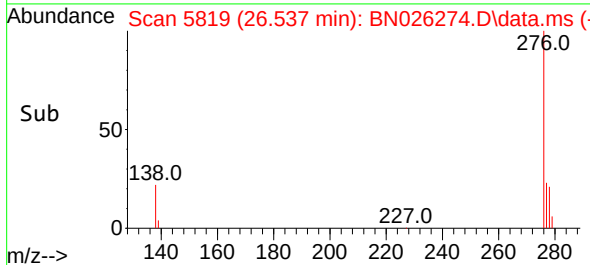
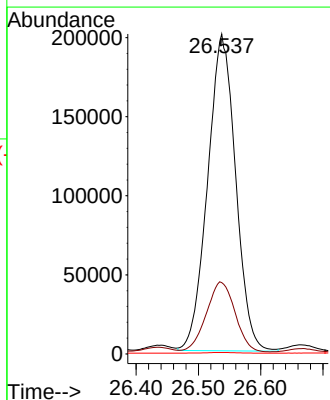
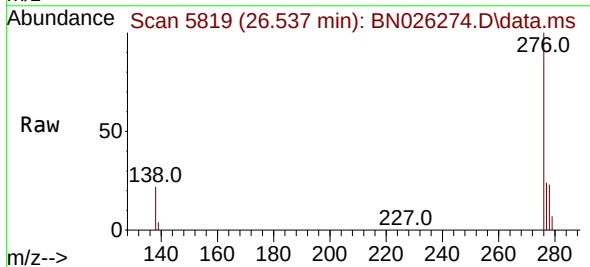
Manual Integrations
APPROVED

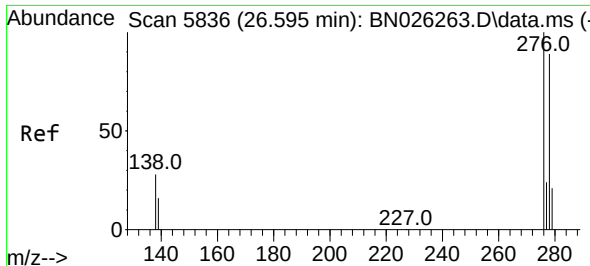
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 6.210 ng/ul
RT: 26.537 min Scan# 5819
Delta R.T. -0.044 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

Tgt Ion:276 Resp: 624148
Ion Ratio Lower Upper
276 100
138 22.7 24.5 36.7#
227 0.2 0.0 0.0#





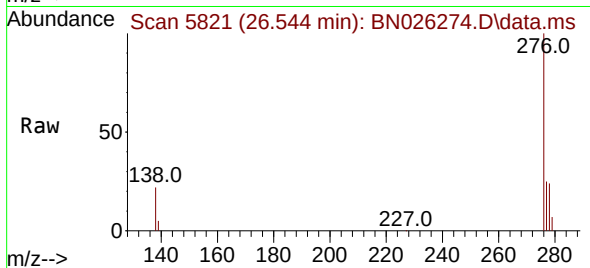
#28
Dibenzo(a,h)anthracene
Concen: 2.156 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.051 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19

Instrument :

BNA_N

ClientSampleId :

DCGE7DL

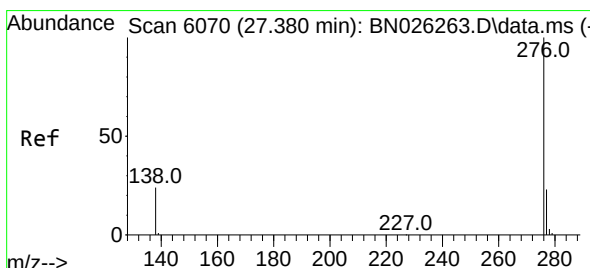
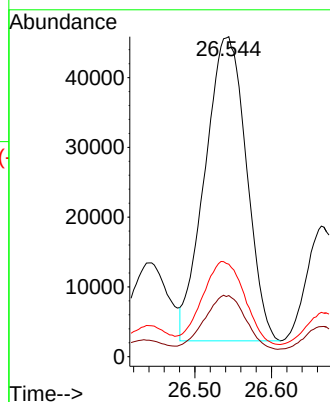
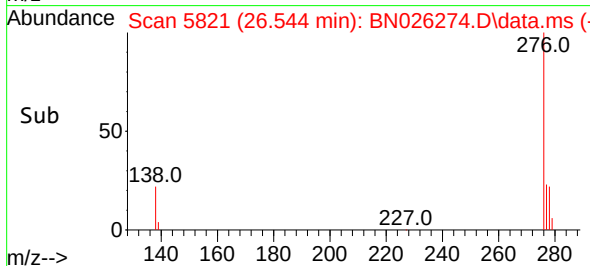


Tgt Ion:278 Resp: 163992
Ion Ratio Lower Upper
278 100
139 19.1 19.0 28.4
279 28.9 26.7 40.1

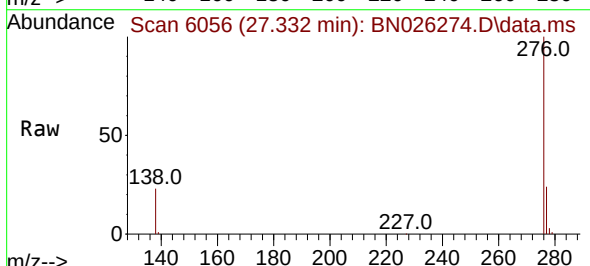
Manual Integrations

APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 6.223 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. -0.048 min
Lab File: BN026274.D
Acq: 04 Jul 2023 22:19



Tgt Ion:276 Resp: 556337
Ion Ratio Lower Upper
276 100
138 23.3 23.4 35.0#
277 24.0 20.0 30.0

