

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
 Data File : BN026276.D
 Acq On : 04 Jul 2023 23:32
 Operator : MA/JU
 Sample : 03244-12DL 5X
 Misc :
 ALS Vial : 134 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DCGF1DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 05 00:09:57 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	8901	0.400	ng/ul	0.00
4) Naphthalene-d8	10.754	136	26982	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.589	164	14403	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.338	188	25332	0.400	ng/ul	0.00
17) Chrysene-d12	21.528	240	16424	0.400	ng/ul	# 0.00
23) Perylene-d12	23.995	264	17864	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	7399	0.738	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	2337	0.056	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	3609	0.058	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.803	128	22734	0.294	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	4729	0.096	ng/ul	100
8) 1-Methylnaphthalene	12.634	142	2284	0.045	ng/ul	97
10) Acenaphthylene	14.306	152	56397	0.836	ng/ul	100
11) Acenaphthene	14.649	153	2841	0.051	ng/ul	96
12) Fluorene	15.634	166	2621	0.041	ng/ul#	94
15) Phenanthrene	17.376	178	48283	0.577	ng/ul	100
16) Anthracene	17.469	178	33088	0.445	ng/ul	99
19) Fluoranthene	19.395	202	200126	2.281	ng/ul	98
20) Pyrene	19.758	202	185066	2.028	ng/ul	97
21) Benzo(a)anthracene	21.511	228	105151	1.552	ng/ul	94
22) Chrysene	21.563	228	118299	1.678	ng/ul	96
24) Benzo(b)fluoranthene	23.241	252	250034m	3.279	ng/ul	
25) Benzo(k)fluoranthene	23.282	252	83452m	1.090	ng/ul	
26) Benzo(a)pyrene	23.884	252	148968	2.249	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.580	276	139275	1.925	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.580	278	31297	0.572	ng/ul	93
29) Benzo(g,h,i)perylene	27.375	276	136934	2.128	ng/ul	95

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

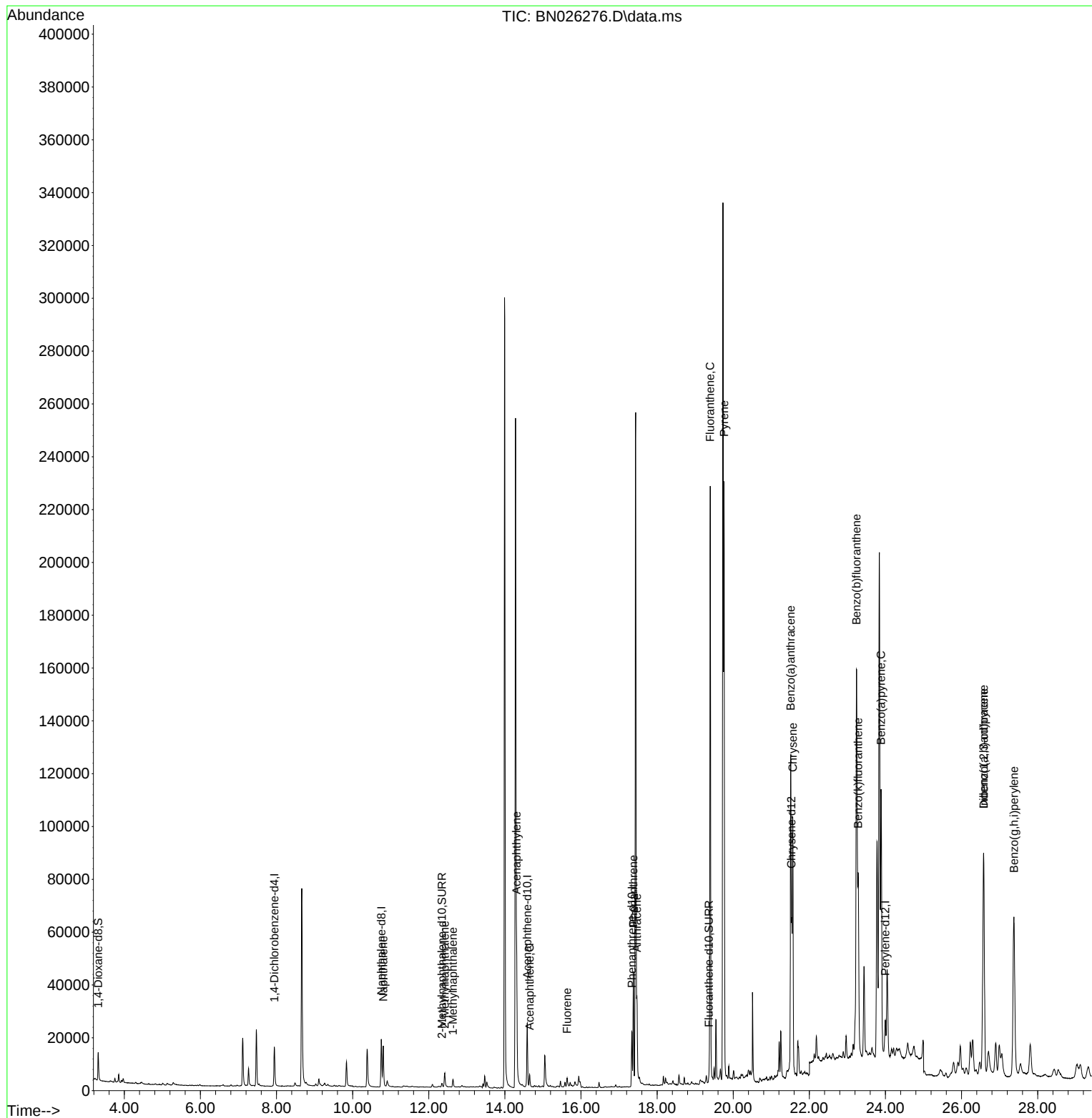
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026276.D
Acq On : 04 Jul 2023 23:32
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ALS Vial : 134 Sample Multiplier: 1

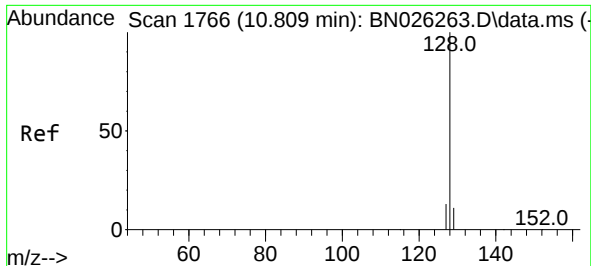
Instrument :
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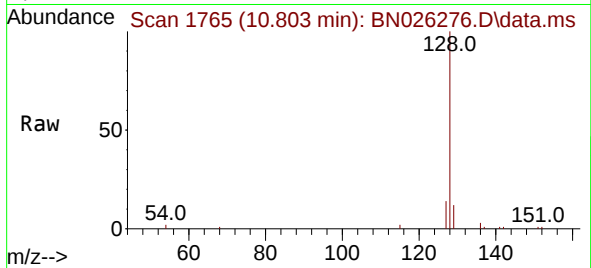
Quant Time: Jul 05 00:09:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 00:03:30 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.294 ng/ul
RT: 10.803 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

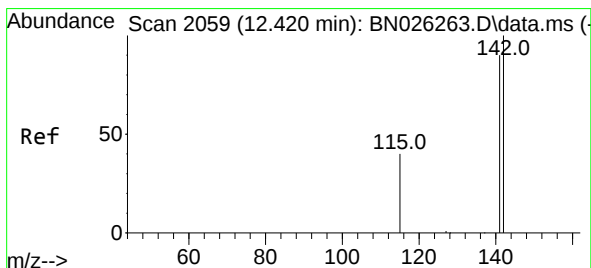
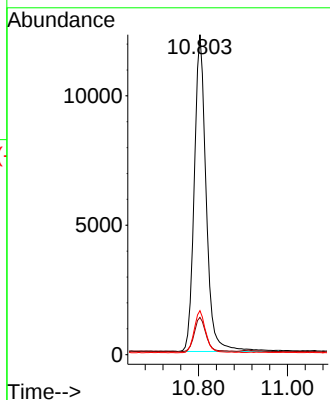
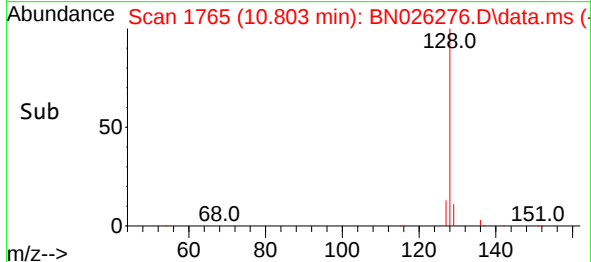
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:128 Resp: 22734
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 10.7 16.1

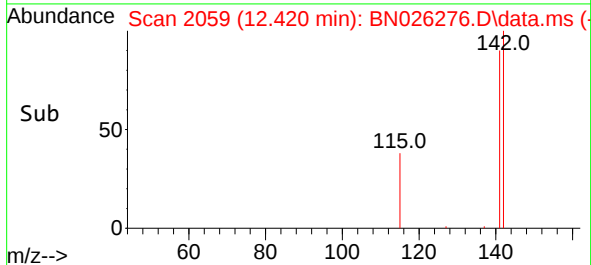
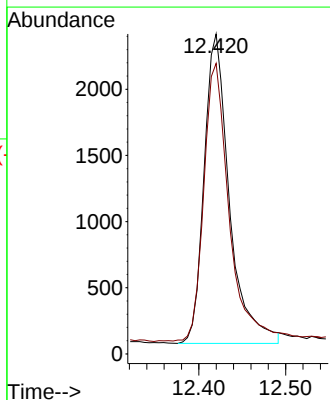
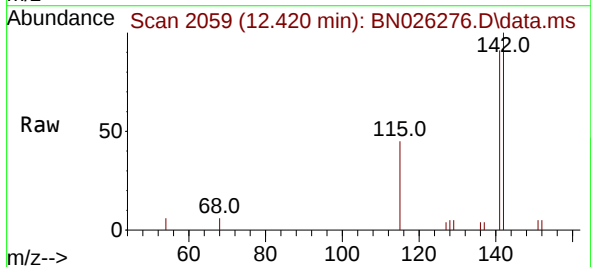
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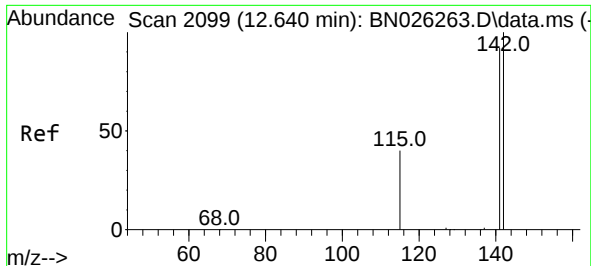
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#7
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

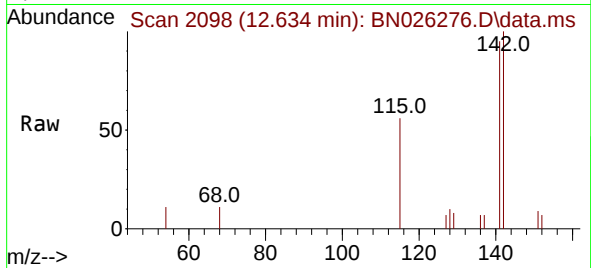
Tgt Ion:142 Resp: 4729
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.634 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

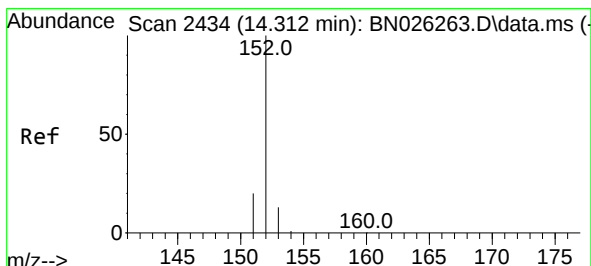
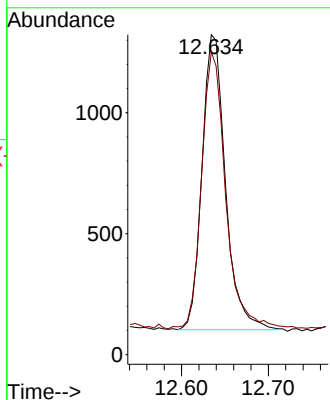
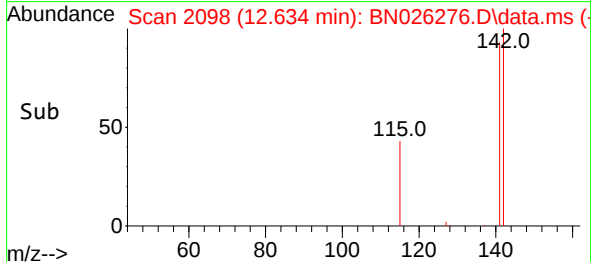
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:142 Resp: 2284
Ion Ratio Lower Upper
142 100
141 95.9 74.2 111.4

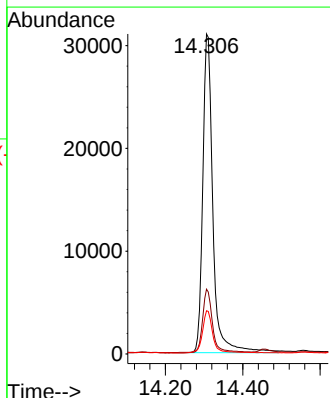
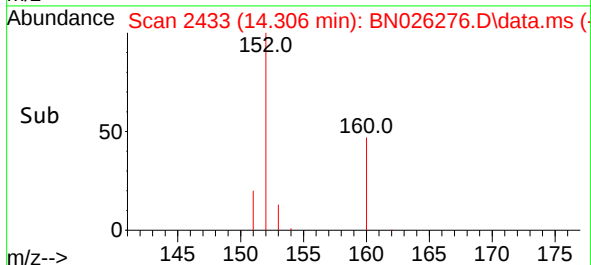
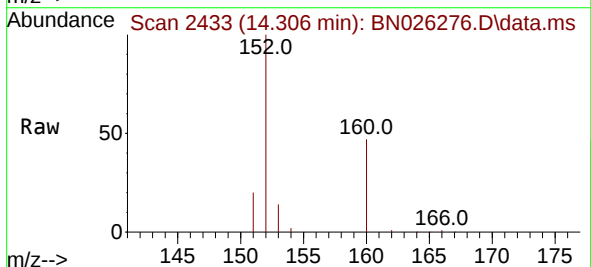
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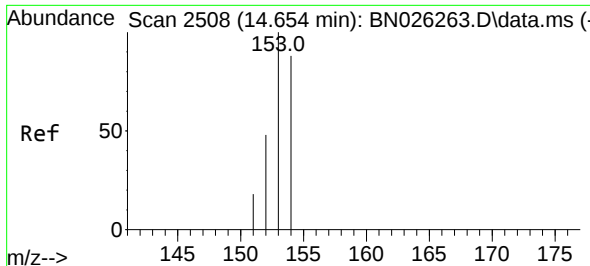
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#10
Acenaphthylene
Concen: 0.836 ng/ul
RT: 14.306 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

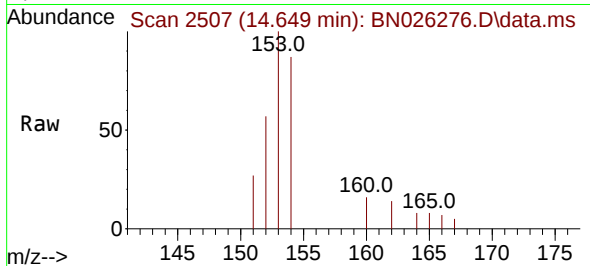
Tgt Ion:152 Resp: 56397
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.5 10.9 16.3





#11
Acenaphthene
Concen: 0.051 ng/u1
RT: 14.649 min Scan# 21
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

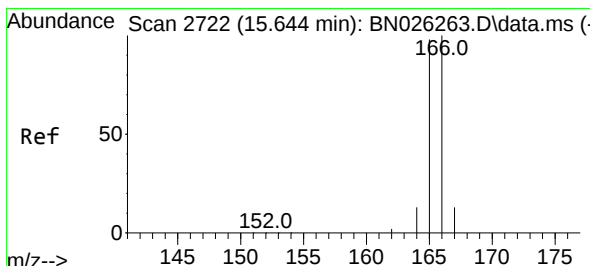
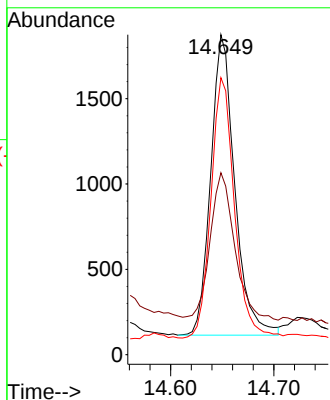
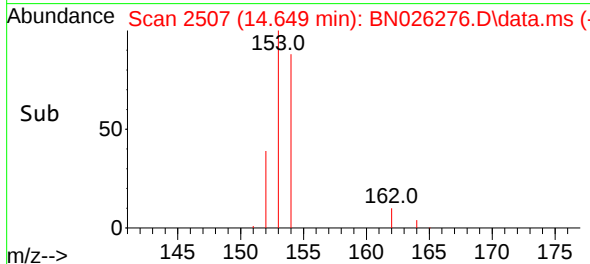
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:153 Resp: 284
Ion Ratio Lower Upper
153 100
152 56.9 39.4 59.0
154 86.6 68.9 103.3

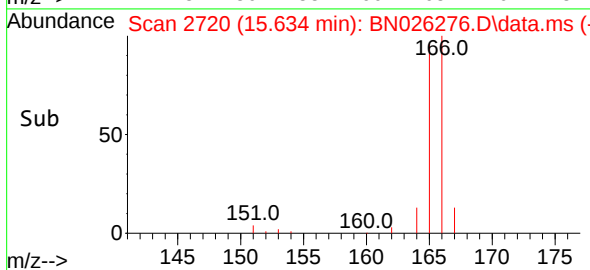
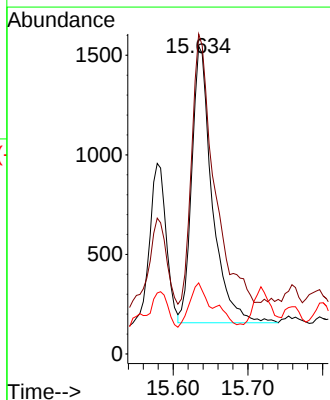
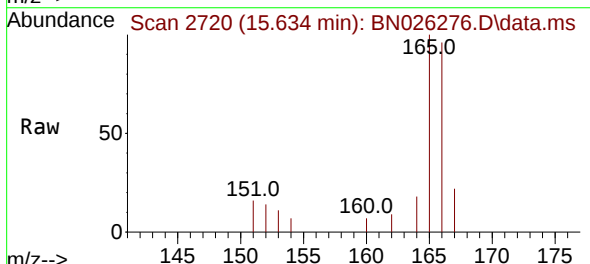
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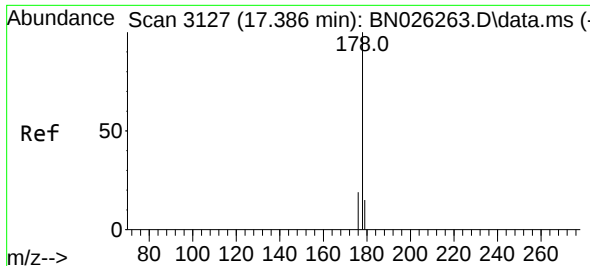
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#12
Fluorene
Concen: 0.041 ng/u1
RT: 15.634 min Scan# 2720
Delta R.T. -0.010 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

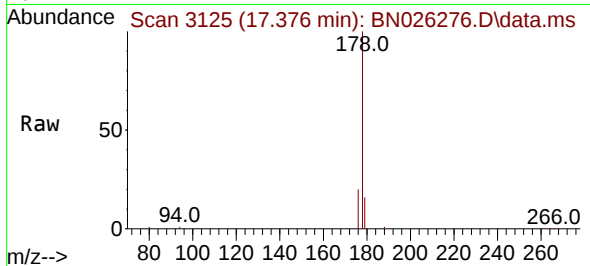
Tgt Ion:166 Resp: 2621
Ion Ratio Lower Upper
166 100
165 104.0 79.9 119.9
167 23.1 10.8 16.2#





#15
Phenanthrene
Concen: 0.577 ng/u1
RT: 17.376 min Scan# 3125
Delta R.T. -0.009 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

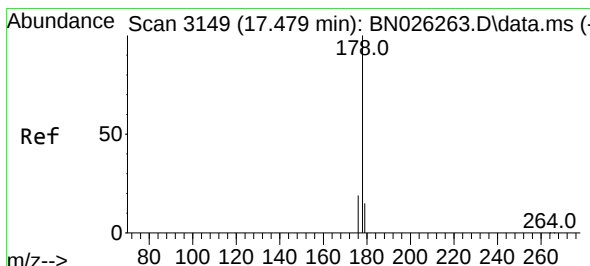
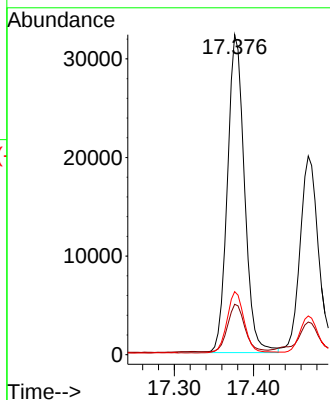
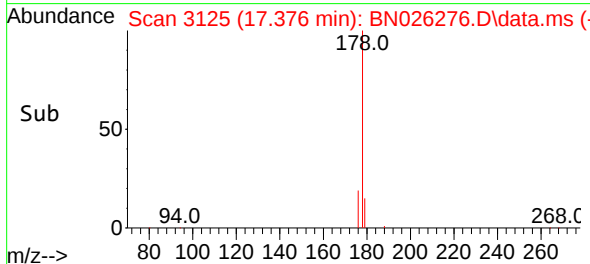
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:178 Resp: 4828
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 15.8 23.6

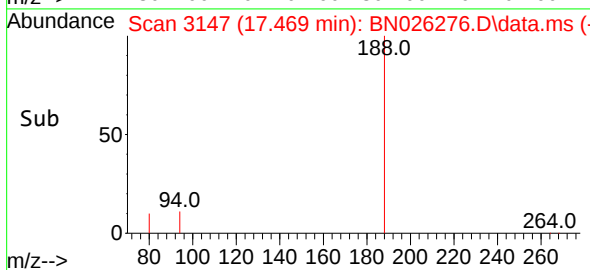
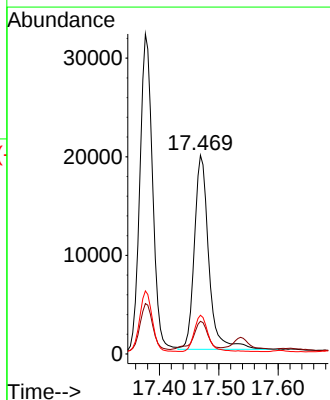
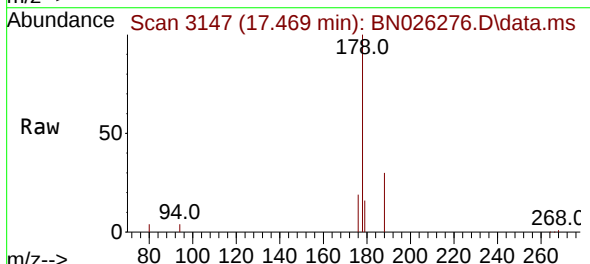
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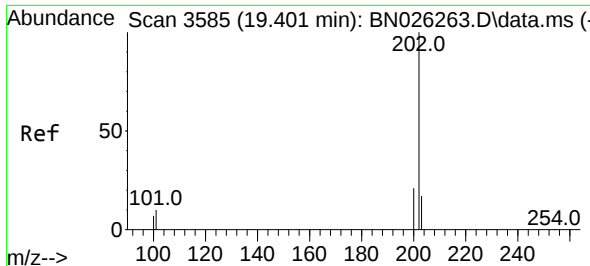
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#16
Anthracene
Concen: 0.445 ng/u1
RT: 17.469 min Scan# 3147
Delta R.T. -0.009 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

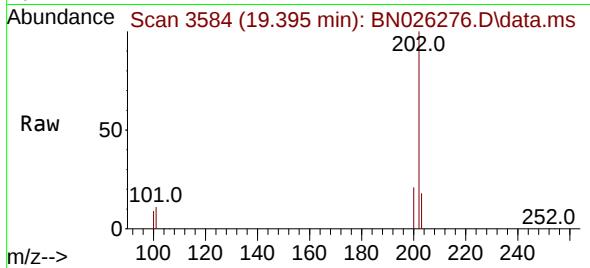
Tgt Ion:178 Resp: 33088
Ion Ratio Lower Upper
178 100
179 16.4 12.6 18.8
176 19.5 15.1 22.7





#19
Fluoranthene
Concen: 2.281 ng/u1
RT: 19.395 min Scan# 3585
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

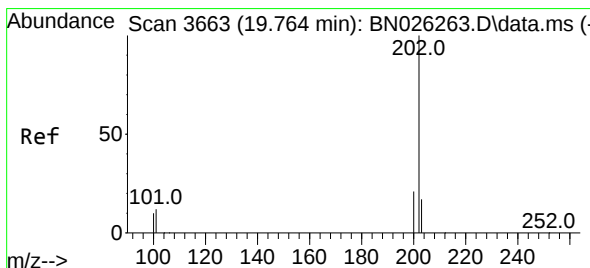
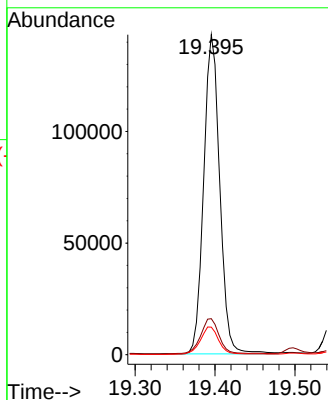
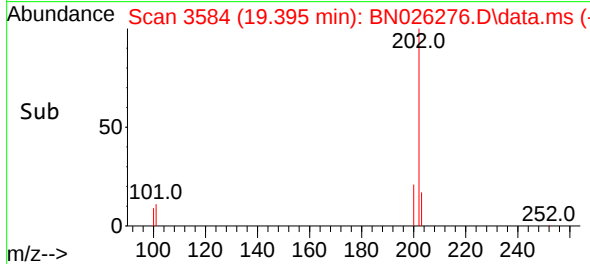
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:202 Resp: 200120
Ion Ratio Lower Upper
202 100
101 11.2 9.5 14.3
100 8.6 7.3 10.9

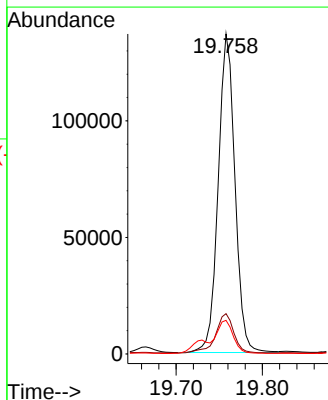
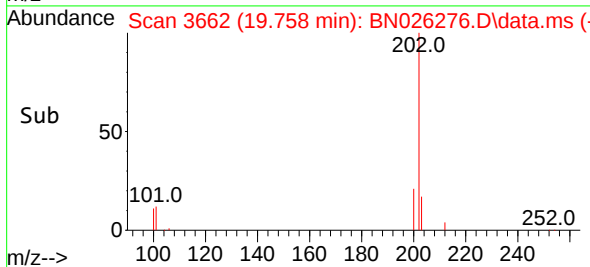
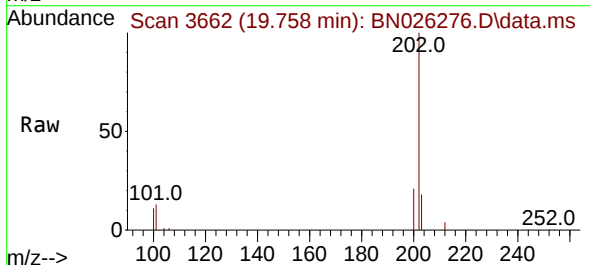
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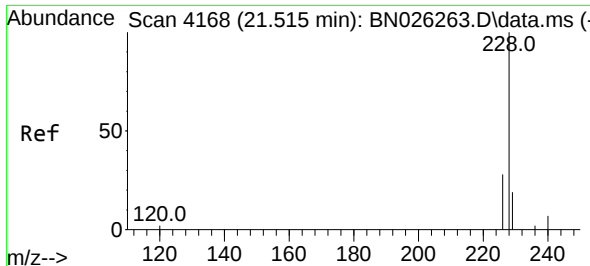
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#20
Pyrene
Concen: 2.028 ng/u1
RT: 19.758 min Scan# 3662
Delta R.T. -0.006 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

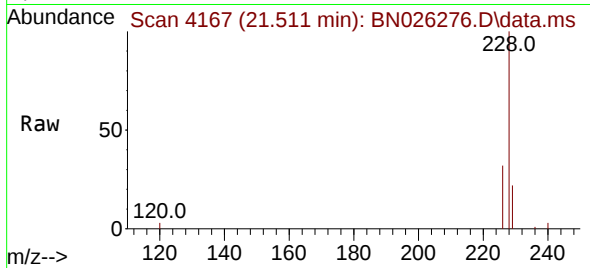
Tgt Ion:202 Resp: 185066
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 10.5 9.1 13.7





#21
Benzo(a)anthracene
Concen: 1.552 ng/ul
RT: 21.511 min Scan# 4167
Delta R.T. -0.004 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

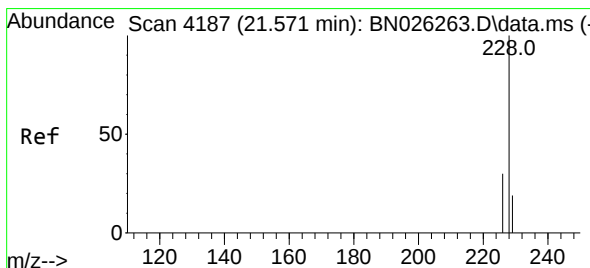
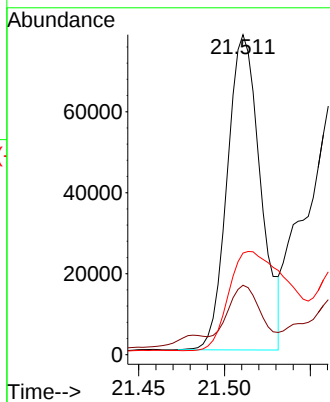
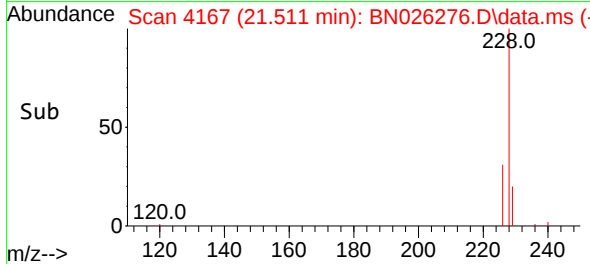
Instrument :
BNA_N
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DCGF1DL



Tgt Ion:228 Resp: 10515
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.6
226 31.8 22.5 33.7

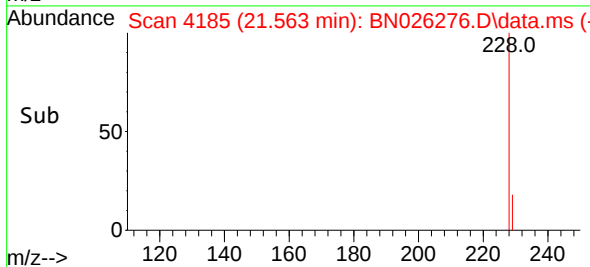
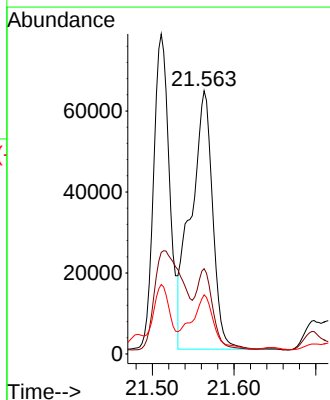
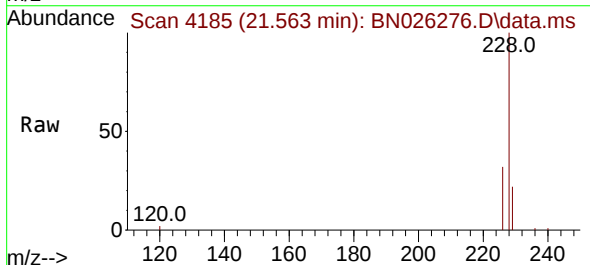
Manual Integrations
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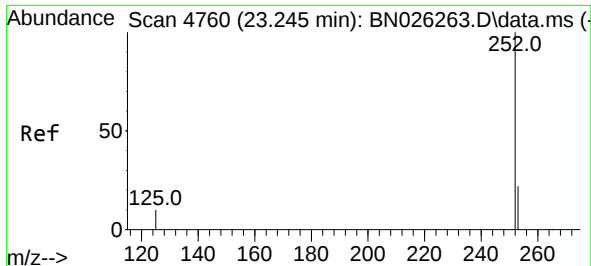
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#22
Chrysene
Concen: 1.678 ng/ul
RT: 21.563 min Scan# 4185
Delta R.T. -0.007 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

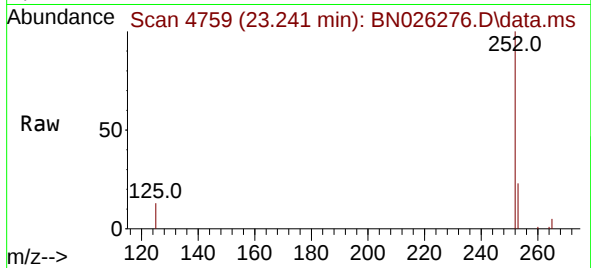
Tgt Ion:228 Resp: 118299
Ion Ratio Lower Upper
228 100
226 32.4 24.8 37.2
229 22.5 15.7 23.5





#24
Benzo(b)fluoranthene
Concen: 3.279 ng/ul m
RT: 23.241 min Scan# 4759
Delta R.T. -0.004 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

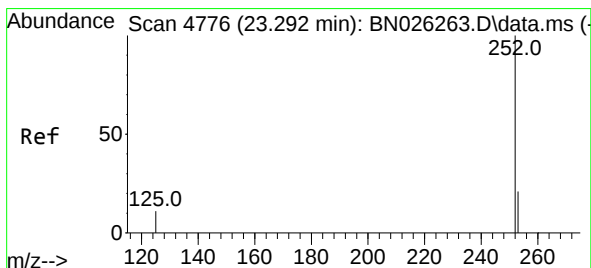
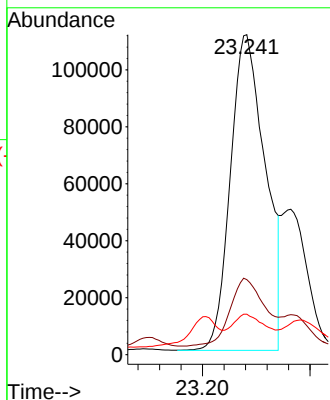
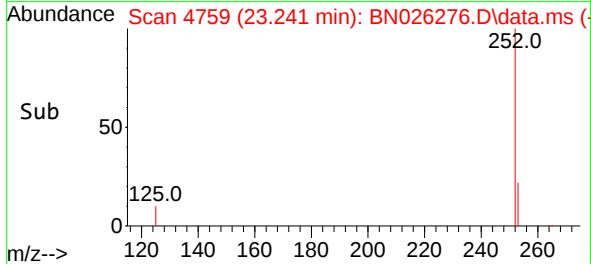
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:252 Resp: 250034
Ion Ratio Lower Upper
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253 23.5 0.0 55.6
125 12.6 0.0 35.8

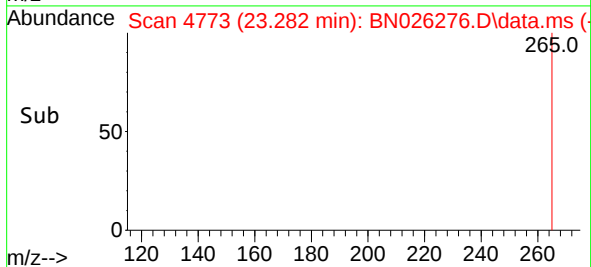
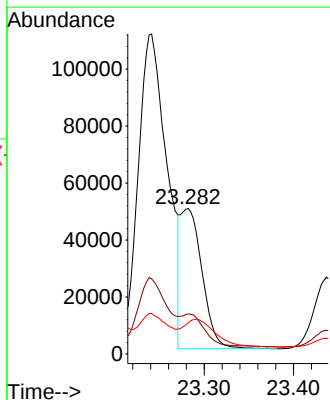
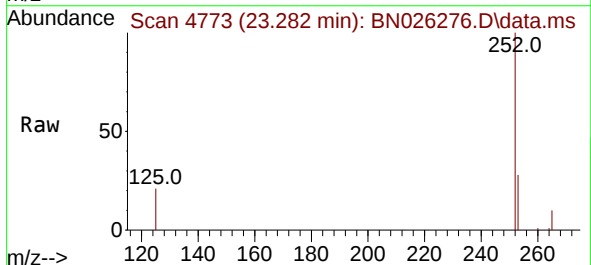
Manual Integrations
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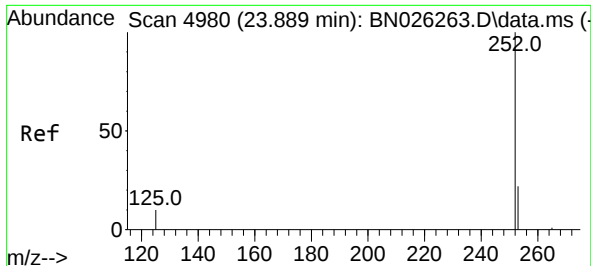
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#25
Benzo(k)fluoranthene
Concen: 1.090 ng/ul m
RT: 23.282 min Scan# 4773
Delta R.T. -0.010 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

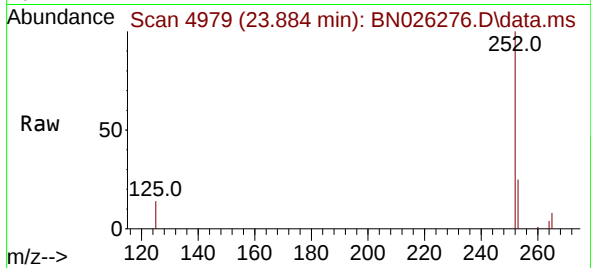
Tgt Ion:252 Resp: 83452
Ion Ratio Lower Upper
252 100
253 27.5 23.2 34.8
125 21.4 15.0 22.4





#26
Benzo(a)pyrene
Concen: 2.249 ng/ul
RT: 23.884 min Scan# 4980
Delta R.T. -0.004 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

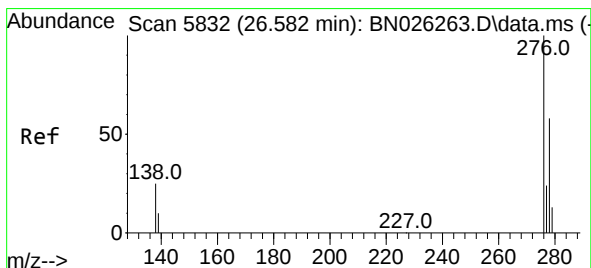
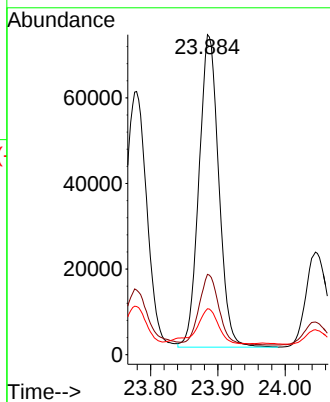
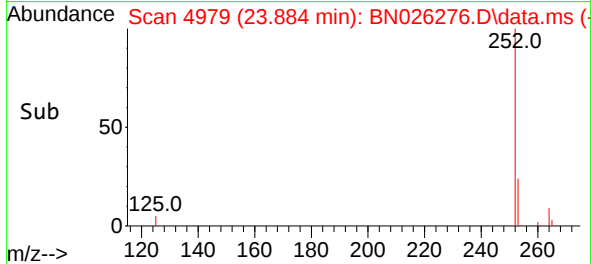
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:252 Resp: 148968
Ion Ratio Lower Upper
252 100
253 25.1 26.0 39.0#
125 14.3 17.3 25.9#

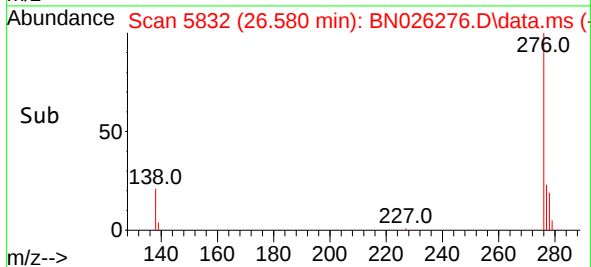
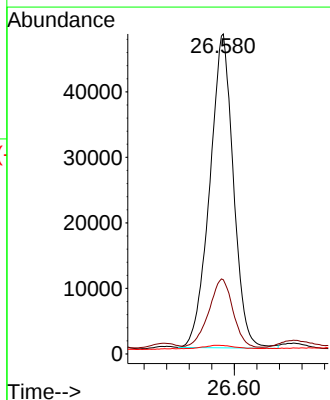
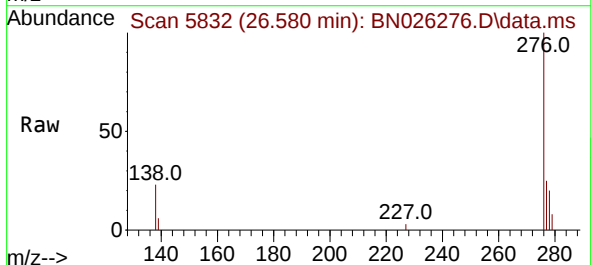
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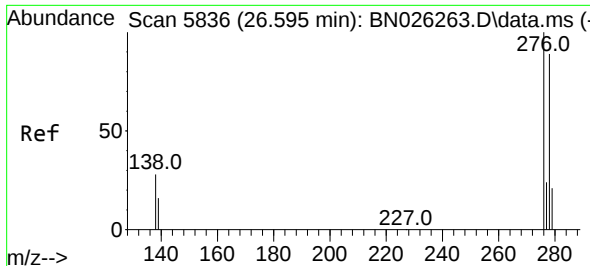
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.925 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.001 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

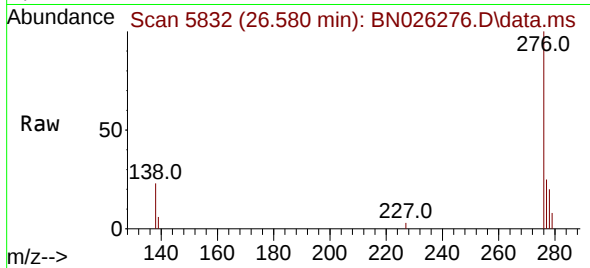
Tgt Ion:276 Resp: 139275
Ion Ratio Lower Upper
276 100
138 22.2 24.5 36.7#
227 1.8 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.572 ng/ul
RT: 26.580 min Scan# 5832
Delta R.T. -0.015 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

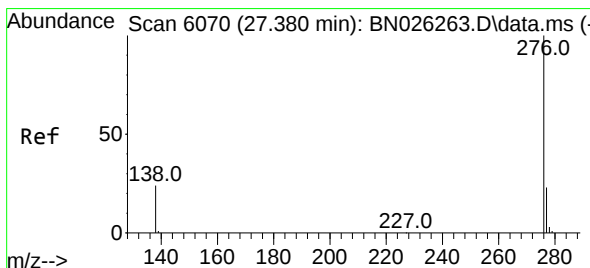
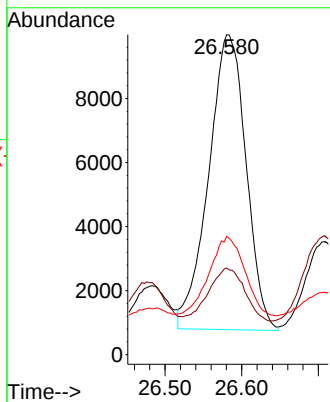
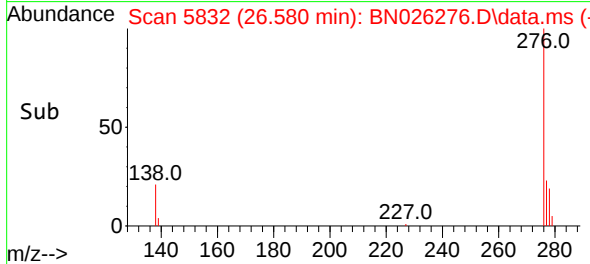
Instrument :
BNA_N
ClientSampleId :
DCGF1DL



Tgt Ion:278 Resp: 3129
Ion Ratio Lower Upper
278 100
139 27.1 19.0 28.4
279 36.9 26.7 40.1

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



#29
Benzo(g,h,i)perylene
Concen: 2.128 ng/ul
RT: 27.375 min Scan# 6069
Delta R.T. -0.005 min
Lab File: BN026276.D
Acq: 04 Jul 2023 23:32

Tgt Ion:276 Resp: 136934
Ion Ratio Lower Upper
276 100
138 24.0 23.4 35.0
277 24.9 20.0 30.0

