

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026580.D
 Acq On : 19 Jul 2023 01:24
 Operator : MA/JU
 Sample : 03458-04DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46L3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

Quant Time: Jul 19 04:55:59 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 19 00:52:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	1300	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.743	136	4202	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.576	164	2870	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	7228	0.400	ng/ul	-0.01
17) Chrysene-d12	21.515	240	9247	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	11218	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	999	0.583	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	209	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.350	212	846	0.026	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.792	128	1027	0.089	ng/ul#	77
7) 2-Methylnaphthalene	12.420	142	251	0.038	ng/ul	92
8) 1-Methylnaphthalene	12.623	142	259	0.037	ng/ul	95
10) Acenaphthylene	14.293	152	4917	0.350	ng/ul	99
11) Acenaphthene	14.636	153	845	0.079	ng/ul	90
12) Fluorene	15.626	166	3851	0.343	ng/ul	100
15) Phenanthrene	17.365	178	57767	2.509	ng/ul	97
16) Anthracene	17.458	178	10117	0.506	ng/ul	98
19) Fluoranthene	19.383	202	76843	1.773	ng/ul#	93
20) Pyrene	19.745	202	48422	1.029	ng/ul#	94
21) Benzo(a)anthracene	21.501	228	32901	0.968	ng/ul	99
22) Chrysene	21.556	228	29008	0.750	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	38936m	0.891	ng/ul	
25) Benzo(k)fluoranthene	23.254	252	14712m	0.321	ng/ul	
26) Benzo(a)pyrene	23.842	252	10596	0.272	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.491	276	13192	0.259	ng/ul#	74
28) Dibenzo(a,h)anthracene	26.498	278	4353	0.111	ng/ul#	29

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

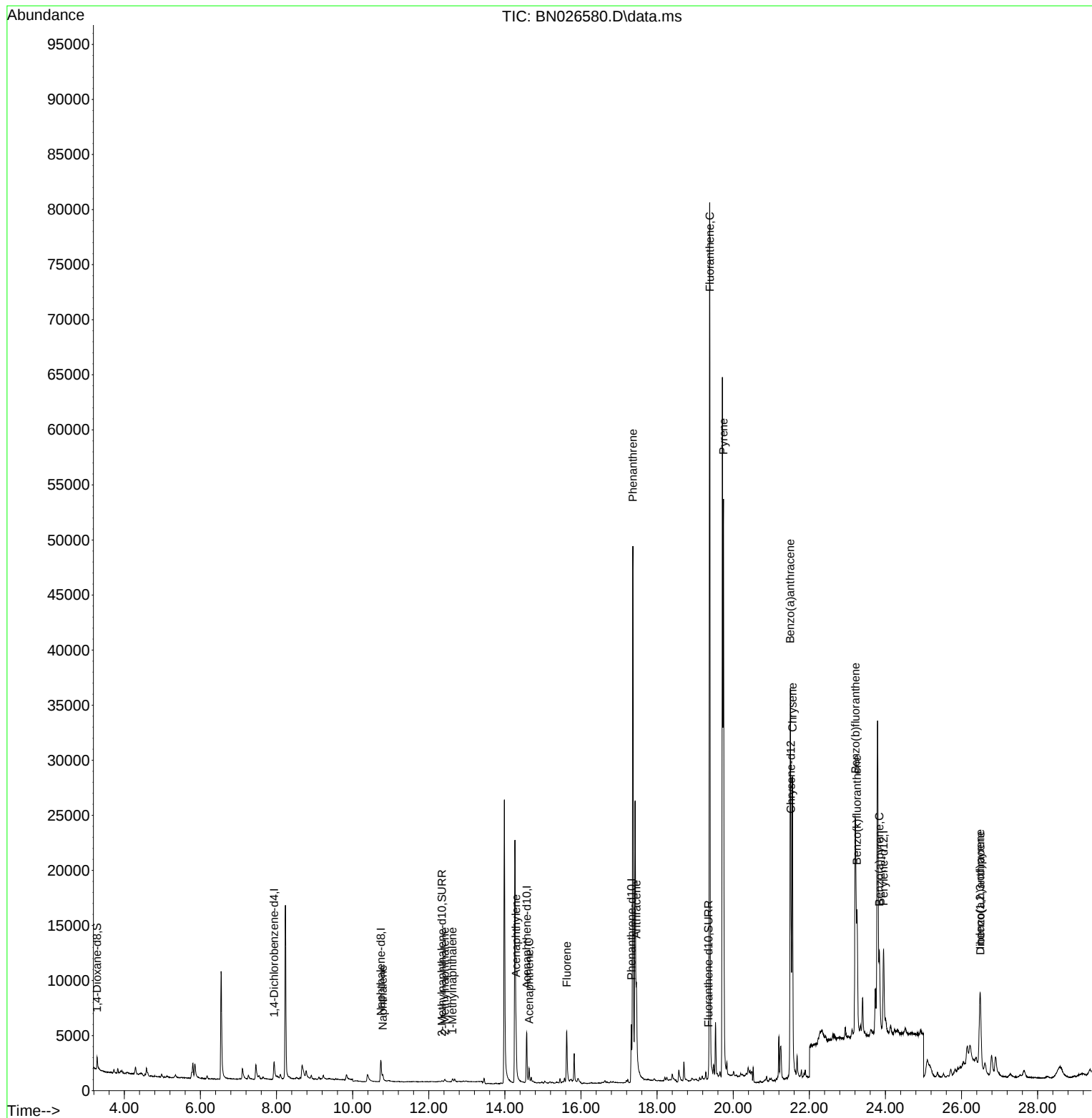
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026580.D
Acq On : 19 Jul 2023 01:24
Operator : MA/JU
Sample : 03458-04DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

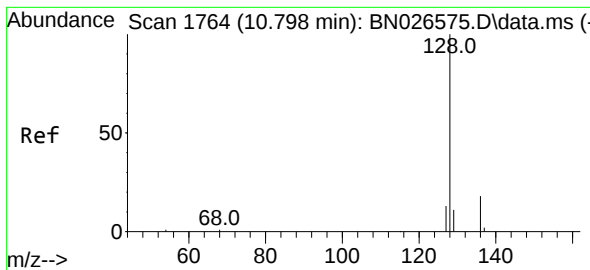
Instrument :
BNA_N
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Supervised By :mohammad ahmed 07/19/2023

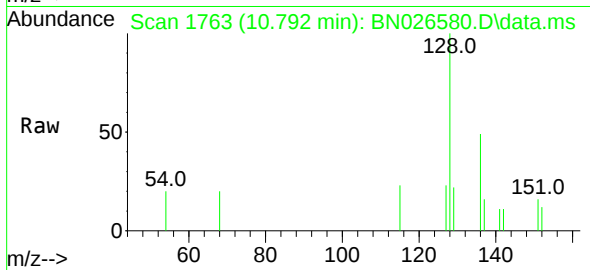
Quant Time: Jul 19 04:55:59 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.089 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.005 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

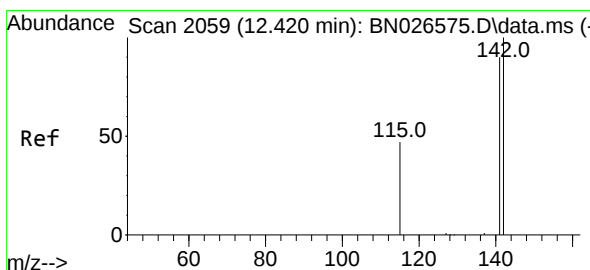
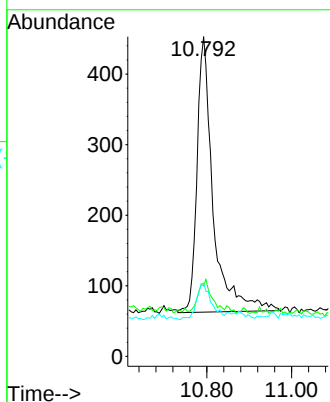
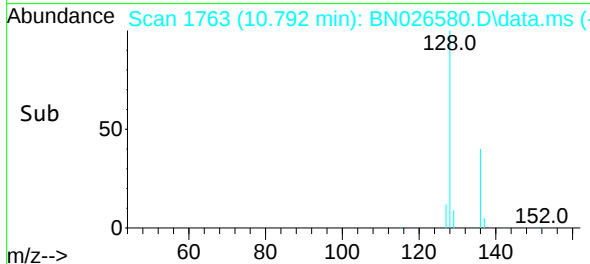
Instrument :
BNA_N
ClientSampleId :
A46L3DL



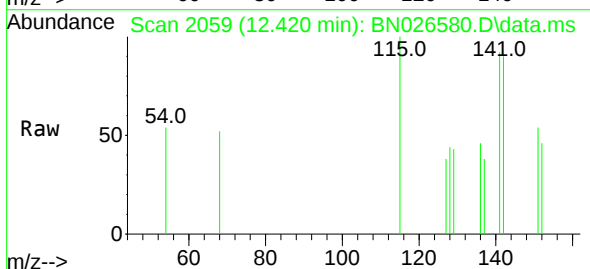
Tgt Ion:128 Resp: 102
Ion Ratio Lower Upper
128 100
129 22.1 10.2 15.2
127 23.0 11.4 17.0

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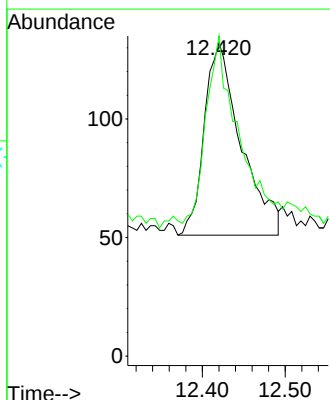
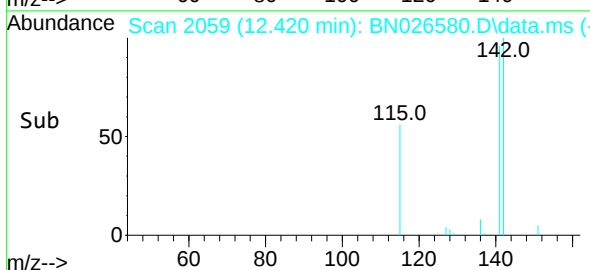
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

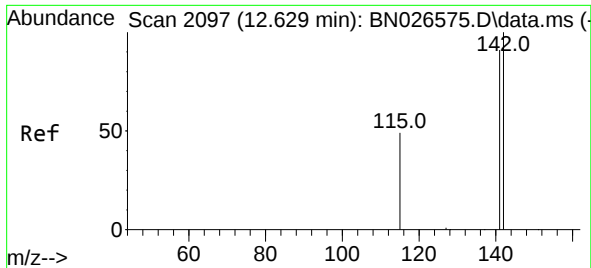


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. 0.000 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24



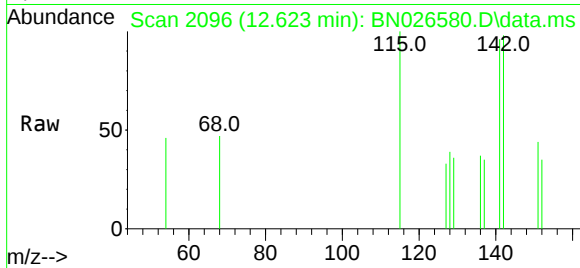
Tgt Ion:142 Resp: 251
Ion Ratio Lower Upper
142 100
141 82.9 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

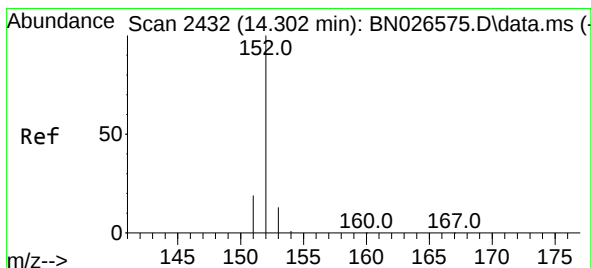
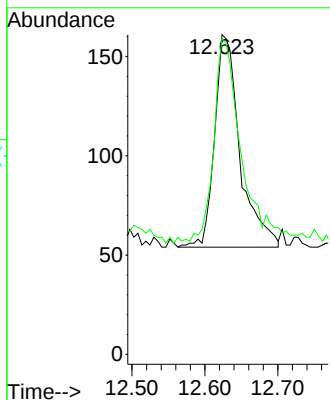
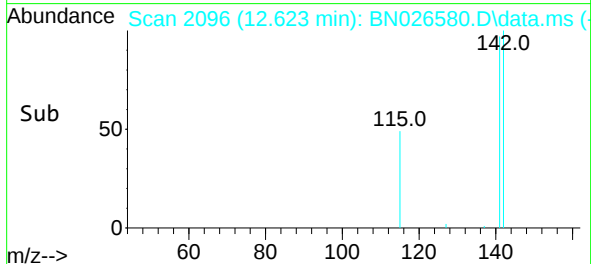
Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
141 98.1 74.5 111.7

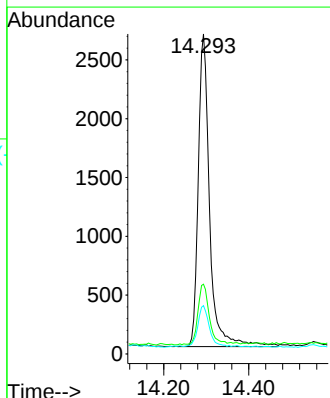
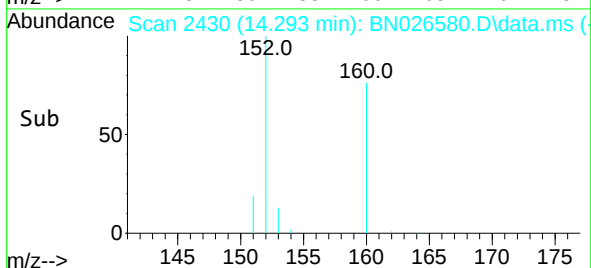
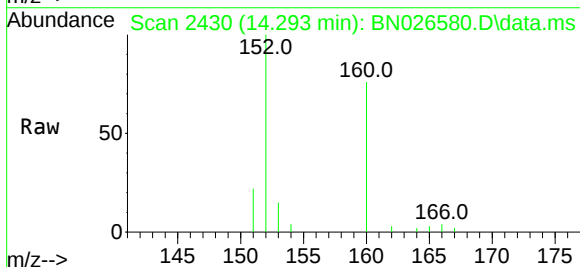
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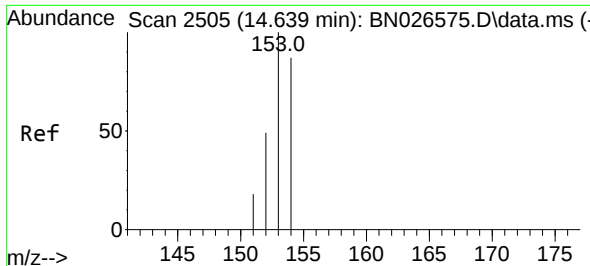
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#10
Acenaphthylene
Concen: 0.350 ng/ul
RT: 14.293 min Scan# 2430
Delta R.T. -0.008 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

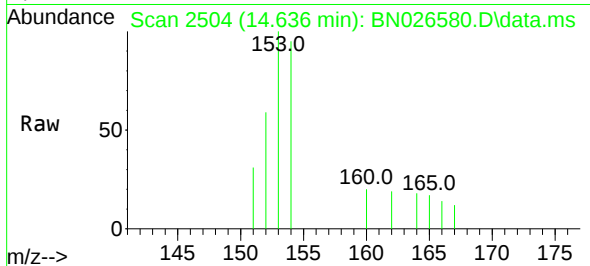
Tgt Ion:152 Resp: 4917
Ion Ratio Lower Upper
152 100
151 21.8 17.0 25.6
153 15.1 11.4 17.2





#11
Acenaphthene
Concen: 0.079 ng/ul
RT: 14.636 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

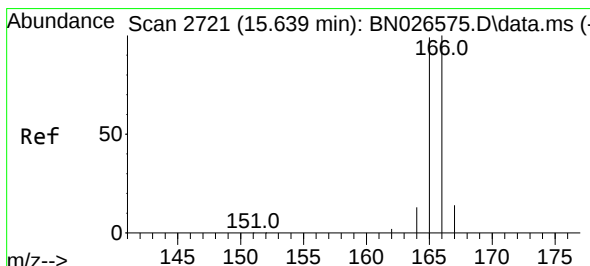
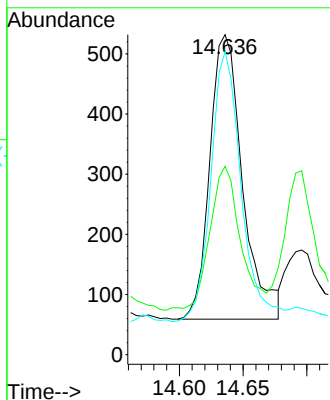
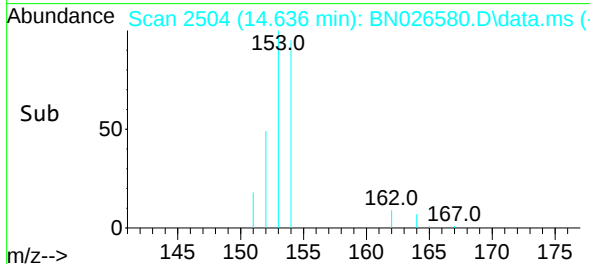
Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:153 Resp: 849
Ion Ratio Lower Upper
153 100
152 58.8 40.2 60.4
154 94.7 69.3 103.9

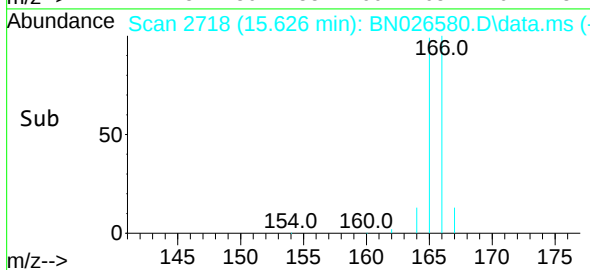
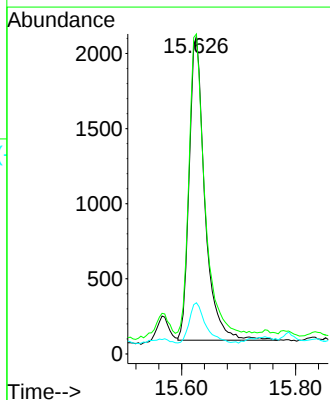
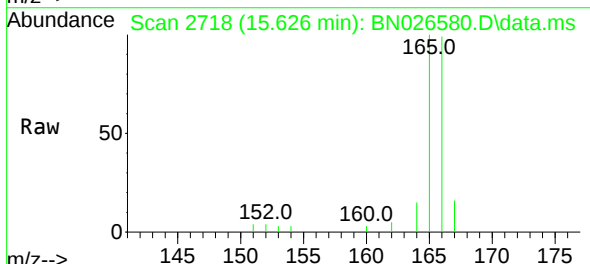
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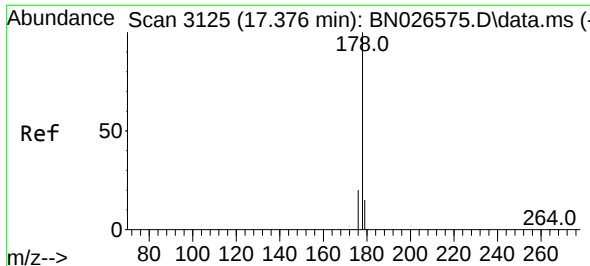
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.626 min Scan# 2718
Delta R.T. -0.013 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

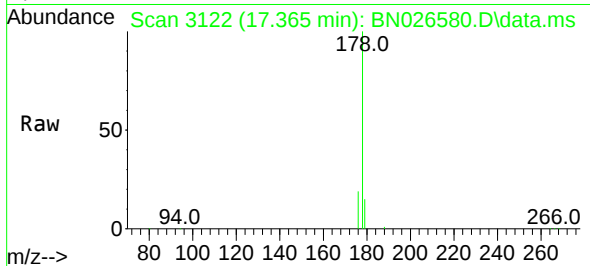
Tgt Ion:166 Resp: 3851
Ion Ratio Lower Upper
166 100
165 100.7 80.6 120.8
167 16.1 12.0 18.0





#15
Phenanthrene
Concen: 2.509 ng/u1
RT: 17.365 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

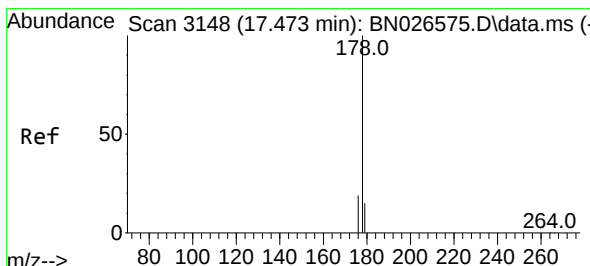
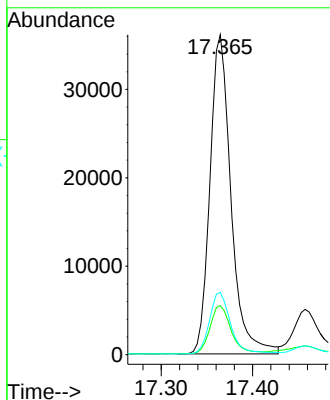
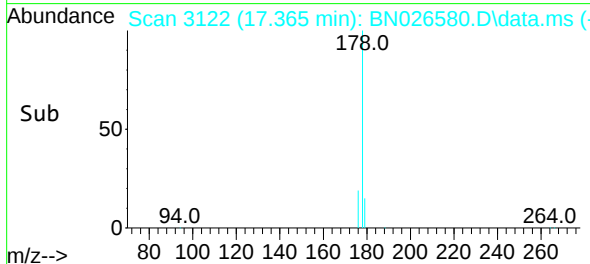
Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:178 Resp: 5776
Ion Ratio Lower Upper
178 100
179 15.3 13.7 20.5
176 19.5 16.5 24.7

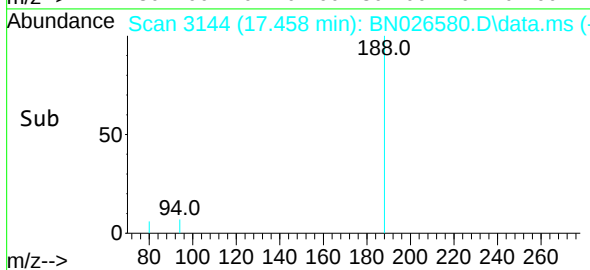
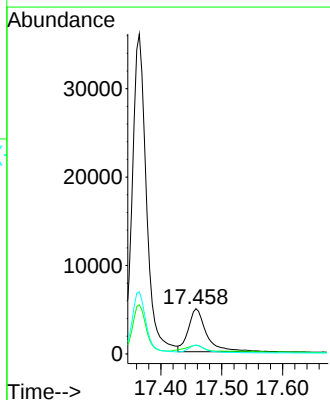
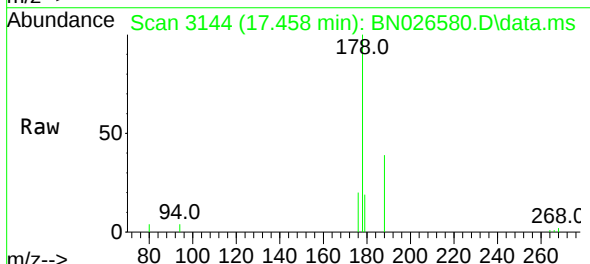
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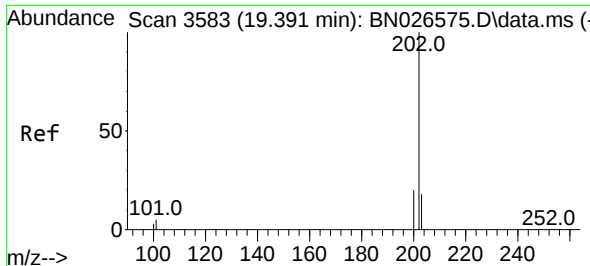
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#16
Anthracene
Concen: 0.506 ng/u1
RT: 17.458 min Scan# 3144
Delta R.T. -0.016 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

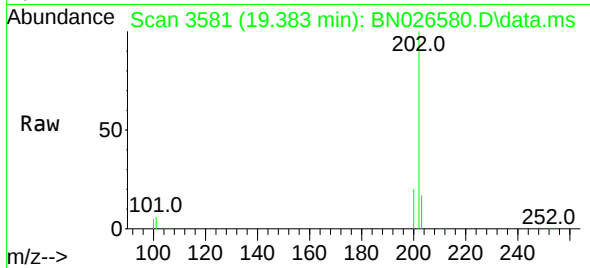
Tgt Ion:178 Resp: 10117
Ion Ratio Lower Upper
178 100
179 19.3 14.8 22.2
176 19.5 16.6 25.0





#19
Fluoranthene
Concen: 1.773 ng/ul
RT: 19.383 min Scan# 3583
Delta R.T. -0.008 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

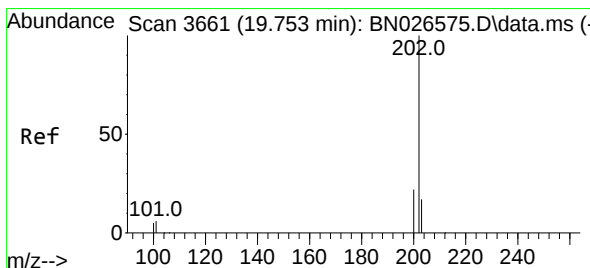
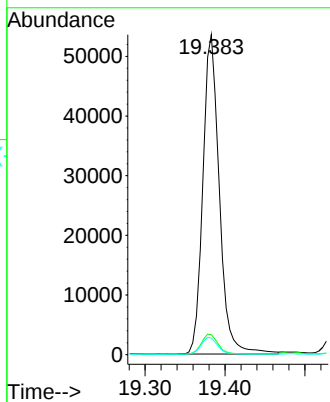
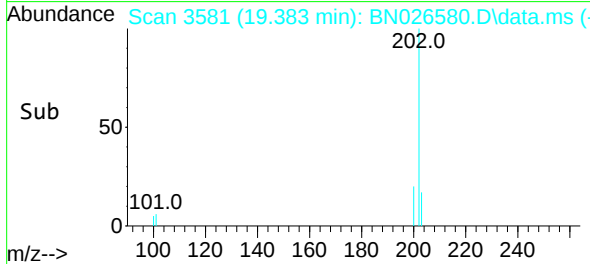
Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:202 Resp: 7684
Ion Ratio Lower Upper
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101 6.3 7.0 10.4
100 5.2 6.0 9.0

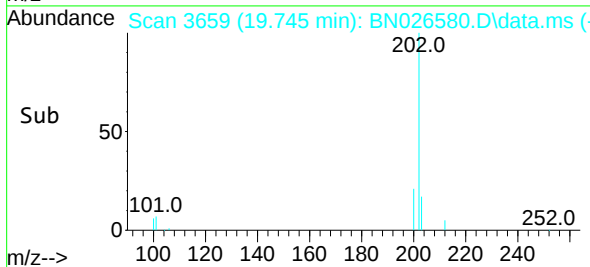
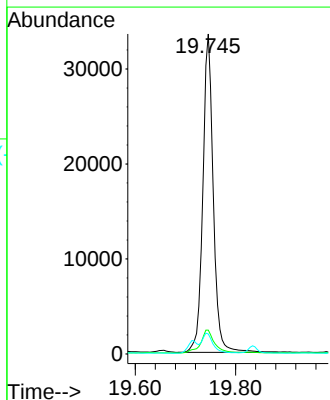
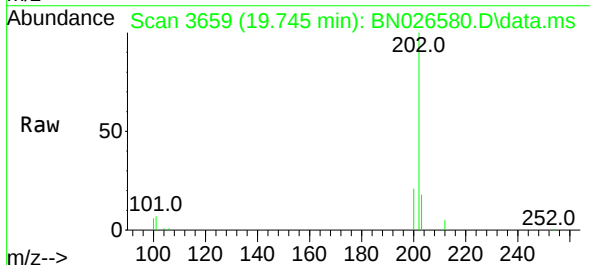
Manual Integrations
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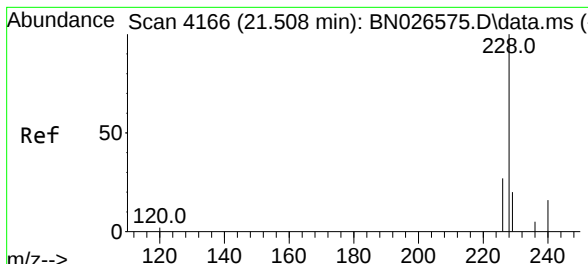
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#20
Pyrene
Concen: 1.029 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.008 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

Tgt Ion:202 Resp: 48422
Ion Ratio Lower Upper
202 100
101 7.5 8.0 12.0
100 6.3 6.2 9.2



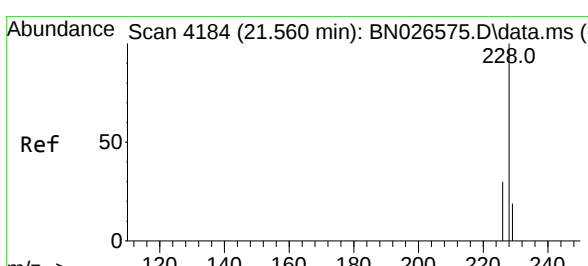
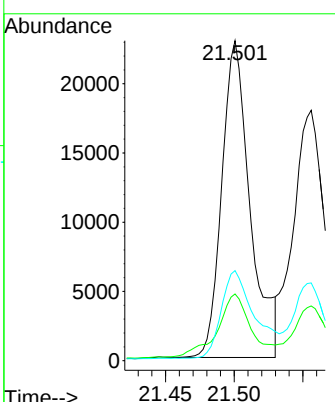
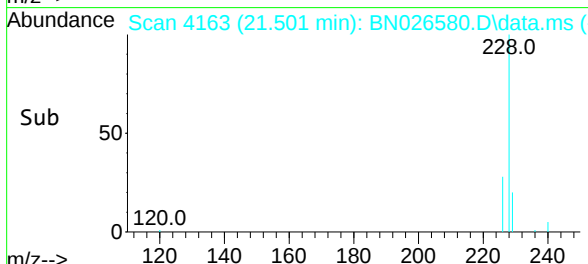
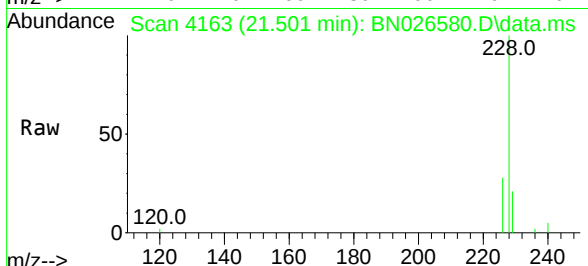


#21
Benzo(a)anthracene
Concen: 0.968 ng/ul
RT: 21.501 min Scan# 4163
Delta R.T. -0.007 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

Instrument : BNA_N
ClientSampleId : A46L3DL

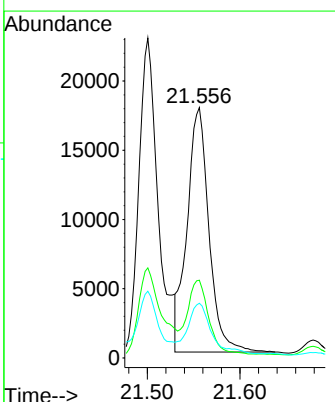
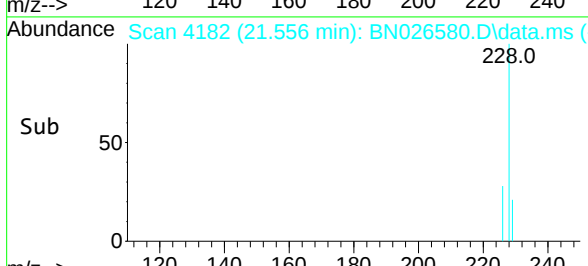
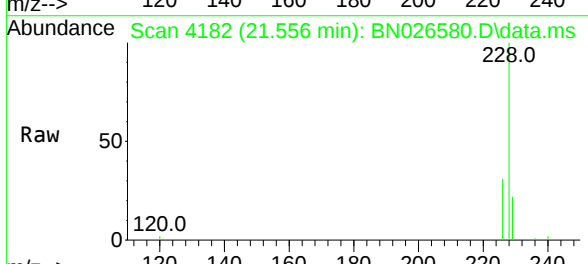
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Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.7	25.1
226	28.2	23.5	35.3

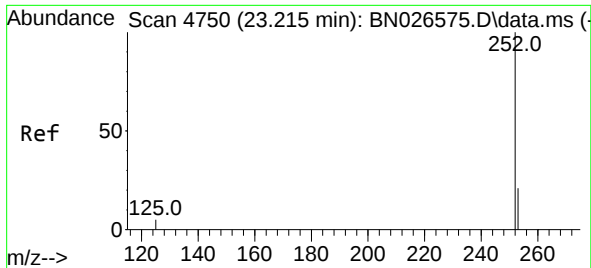
Manual Integrations
APPROVED
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#22
Chrysene
Concen: 0.750 ng/ul
RT: 21.556 min Scan# 4182
Delta R.T. -0.004 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

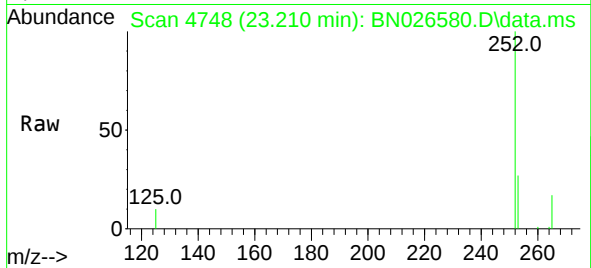
Tgt Ion:	228	Resp:	29008
Ion Ratio	Lower	Upper	
228	100		
226	31.1	25.2	37.8
229	21.9	16.4	24.6





#24
Benzo(b)fluoranthene
Concen: 0.891 ng/ul m
RT: 23.210 min Scan# 4750
Delta R.T. -0.004 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

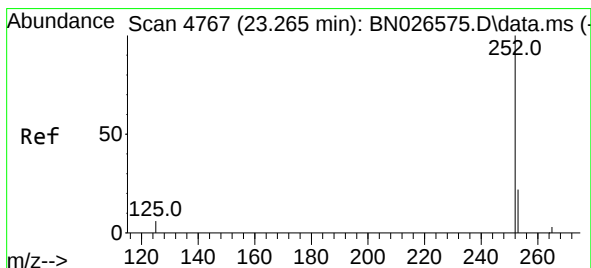
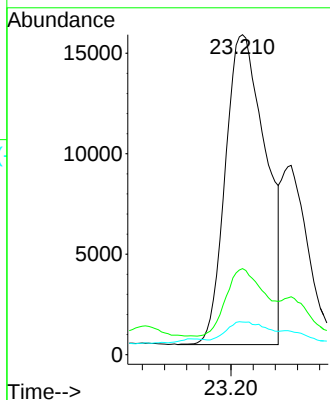
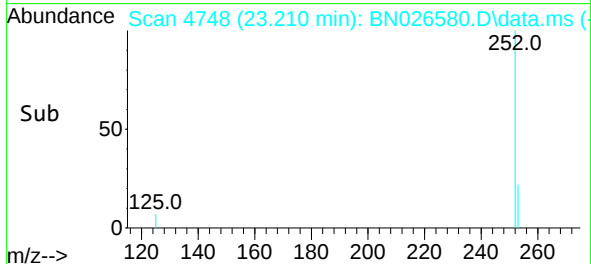
Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:252 Resp: 38930
Ion Ratio Lower Upper
252 100
253 26.9 0.0 68.6
125 10.2 0.0 34.0

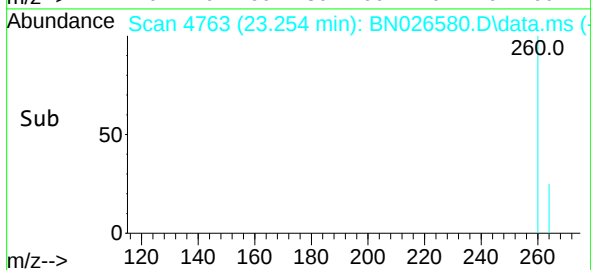
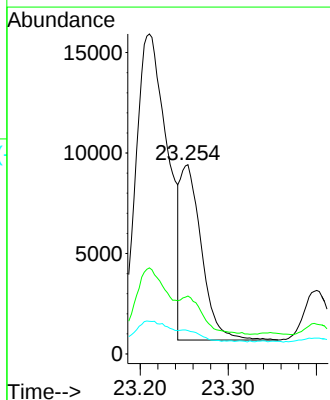
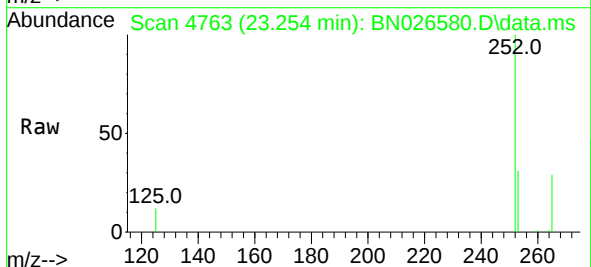
Manual Integrations
APPROVED

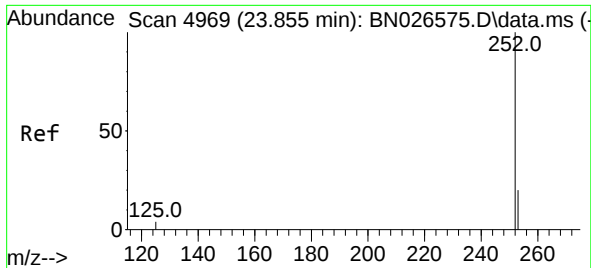
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023



#25
Benzo(k)fluoranthene
Concen: 0.321 ng/ul m
RT: 23.254 min Scan# 4763
Delta R.T. -0.010 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

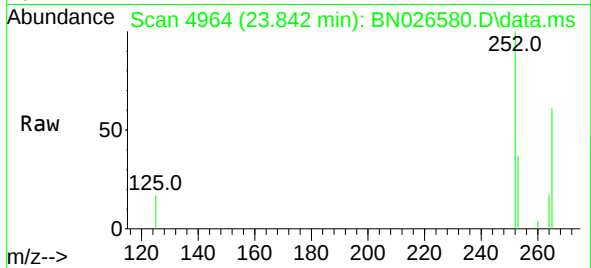
Tgt Ion:252 Resp: 14712
Ion Ratio Lower Upper
252 100
253 30.6 27.2 40.8
125 12.3 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.272 ng/ul
RT: 23.842 min Scan# 4969
Delta R.T. -0.013 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

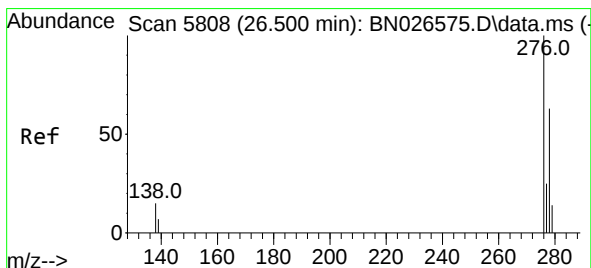
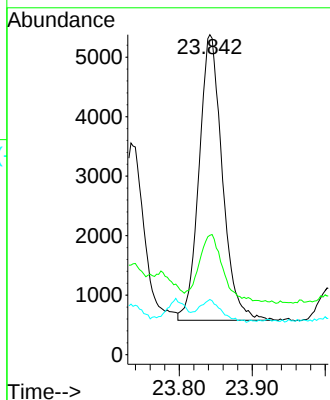
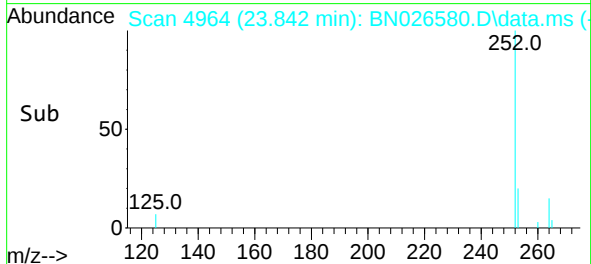
Instrument :
BNA_N
ClientSampleId :
A46L3DL



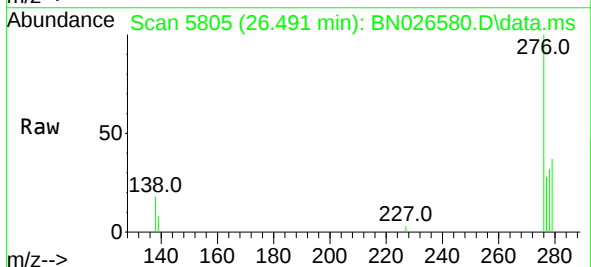
Tgt Ion:252 Resp: 10590
Ion Ratio Lower Upper
252 100
253 37.3 32.6 49.0
125 17.2 19.3 28.9

Manual Integrations
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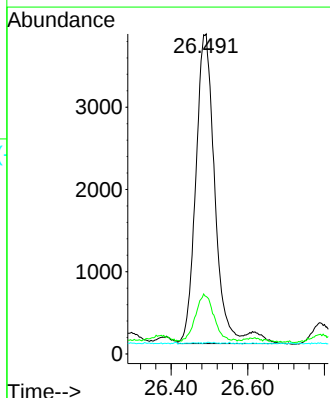
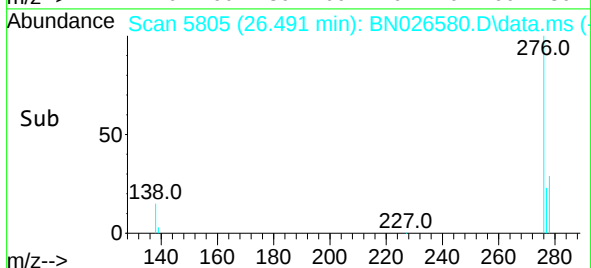
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

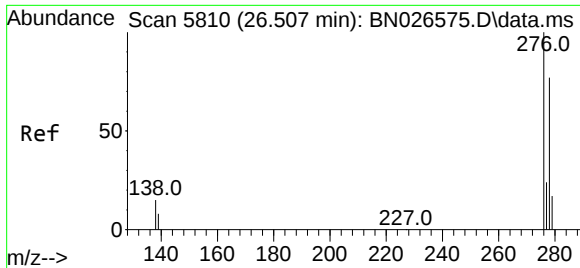


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.259 ng/ul
RT: 26.491 min Scan# 5805
Delta R.T. -0.009 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24



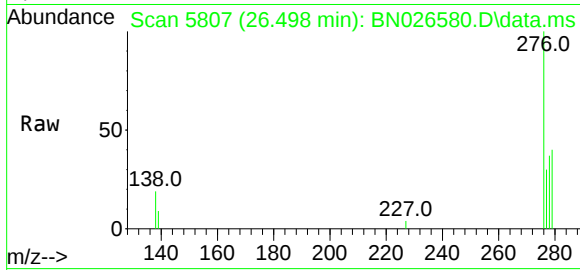
Tgt Ion:276 Resp: 13192
Ion Ratio Lower Upper
276 100
138 14.1 22.2 33.4#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 26.498 min Scan# 5807
Delta R.T. -0.009 min
Lab File: BN026580.D
Acq: 19 Jul 2023 01:24

Instrument :
BNA_N
ClientSampleId :
A46L3DL



Tgt Ion:278 Resp: 435
Ion Ratio Lower Upper
278 100
139 23.2 18.9 28.3
279 108.2 31.3 46.9

Manual Integrations
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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :mohammad ahmed 07/19/2023

