

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
 Data File : BN026586.D
 Acq On : 19 Jul 2023 05:04
 Operator : MA/JU
 Sample : 03501-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46W2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :Sohil Jodhani 07/19/2023

Quant Time: Jul 19 06:31:11 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	7.921	152	1946	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.732	136	6324	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.571	164	4463	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	54451	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.515	240	12097	0.400	ng/ul	0.00
23) Perylene-d12	23.953	264	13567	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	6986	2.726	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.326	152	3636	0.423	ng/ul	-0.02
18) Fluoranthene-d10	19.350	212	12043	0.287	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	8355	0.481	ng/ul	97
7) 2-Methylnaphthalene	12.398	142	4019	0.408	ng/ul	96
8) 1-Methylnaphthalene	12.618	142	3696	0.350	ng/ul	93
10) Acenaphthylene	14.289	152	14350	0.657	ng/ul	95
11) Acenaphthene	14.631	153	20989	1.261	ng/ul	99
12) Fluorene	15.621	166	30273	1.733	ng/ul	98
15) Phenanthrene	17.360	178	355685	2.051	ng/ul	97
16) Anthracene	17.453	178	66461	0.442	ng/ul	96
19) Fluoranthene	19.383	202	636165	11.219	ng/ul#	95
20) Pyrene	19.745	202	217287	3.529	ng/ul	98
21) Benzo(a)anthracene	21.500	228	316872	7.128	ng/ul	98
22) Chrysene	21.553	228	280466	5.543	ng/ul	98
24) Benzo(b)fluoranthene	23.210	252	333373m	6.307	ng/ul	
25) Benzo(k)fluoranthene	23.251	252	139877m	2.525	ng/ul	
26) Benzo(a)pyrene	23.842	252	41379	0.880	ng/ul	91
27) Indeno(1,2,3-cd)pyrene	26.484	276	55489	0.900	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.491	278	47546	1.005	ng/ul#	91
29) Benzo(g,h,i)perylene	27.269	276	2839	0.052	ng/ul#	16

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

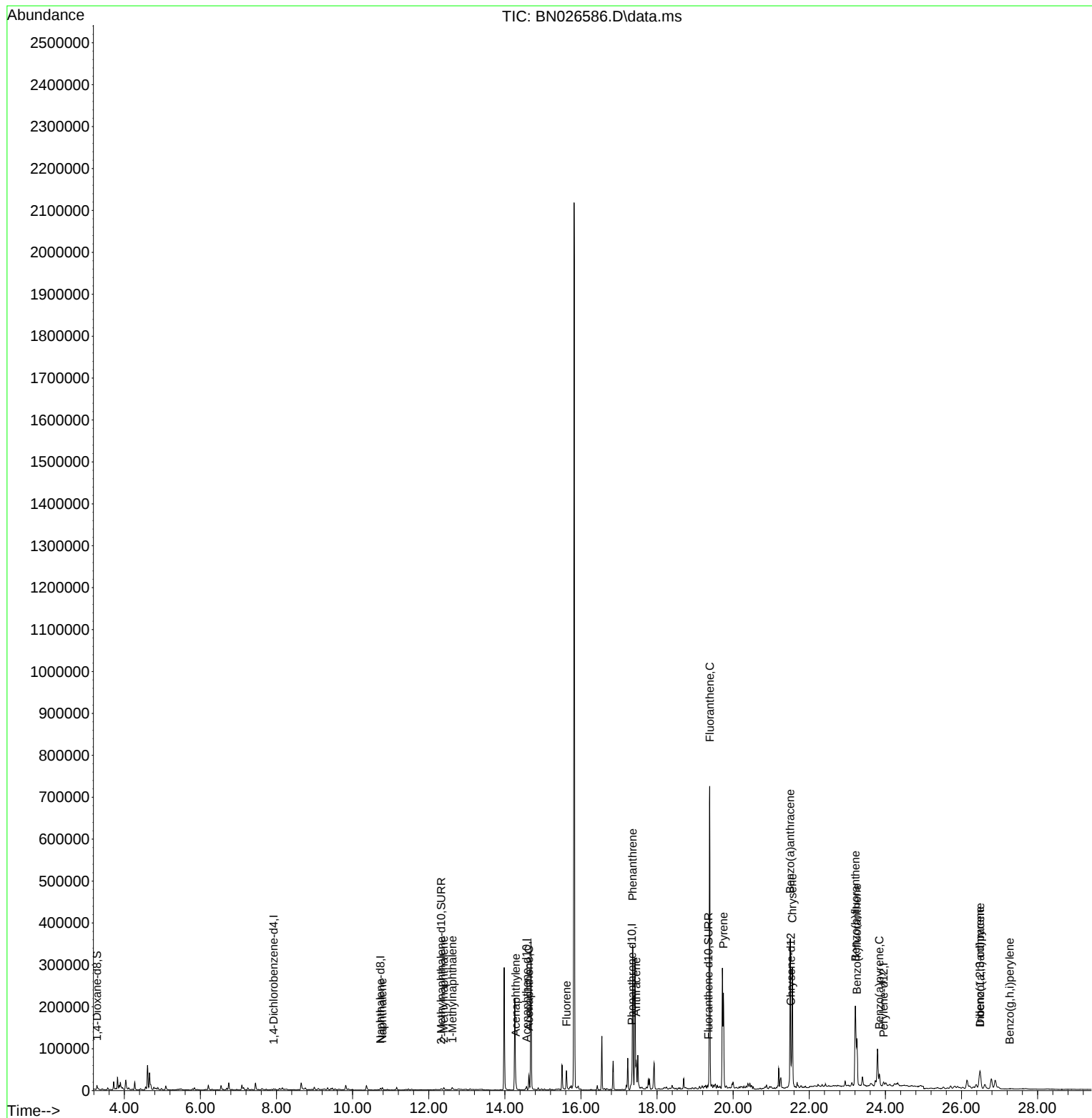
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026586.D
Acq On : 19 Jul 2023 05:04
Operator : MA/JU
Sample : 03501-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

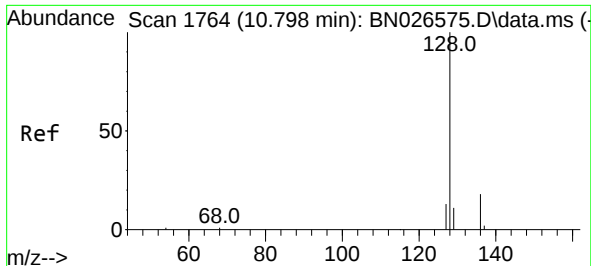
Instrument :
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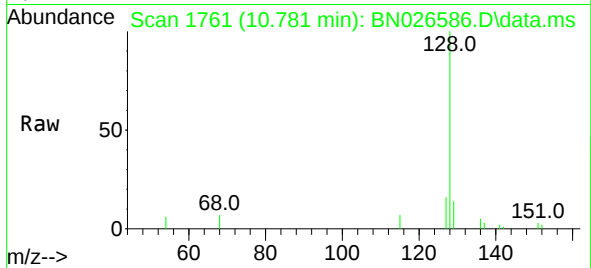
Quant Time: Jul 19 06:31:11 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:52:36 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.481 ng/ul
RT: 10.781 min Scan# 1761
Delta R.T. -0.016 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

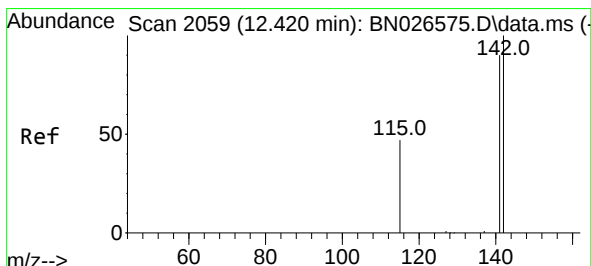
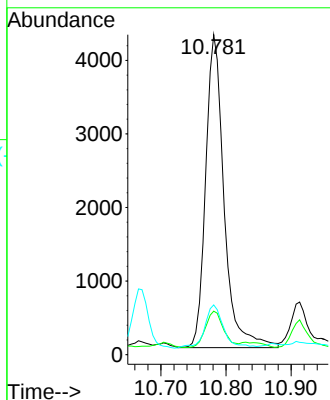
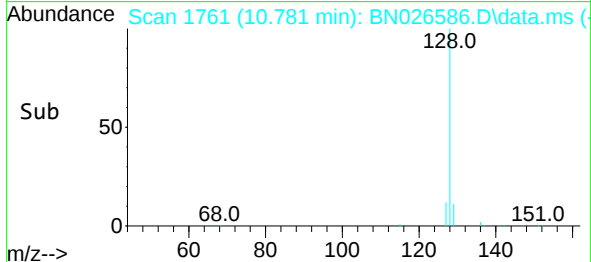
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:128 Resp: 835
Ion Ratio Lower Upper
128 100
129 13.6 10.2 15.2
127 15.5 11.4 17.0

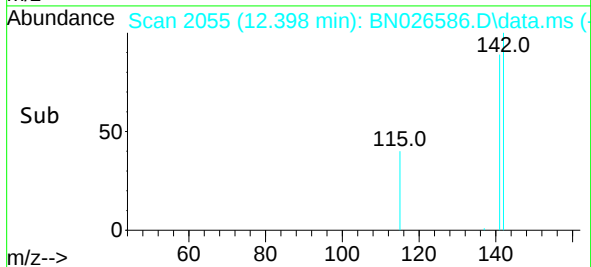
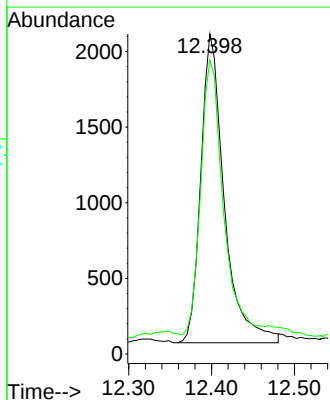
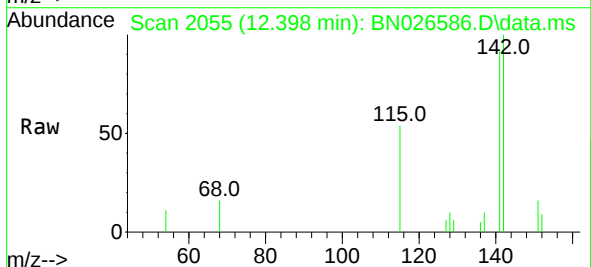
Manual Integrations
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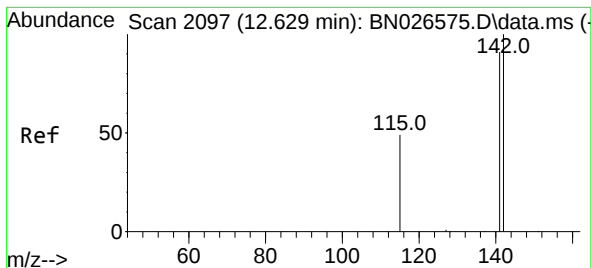
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#7
2-Methylnaphthalene
Concen: 0.408 ng/ul
RT: 12.398 min Scan# 2055
Delta R.T. -0.022 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

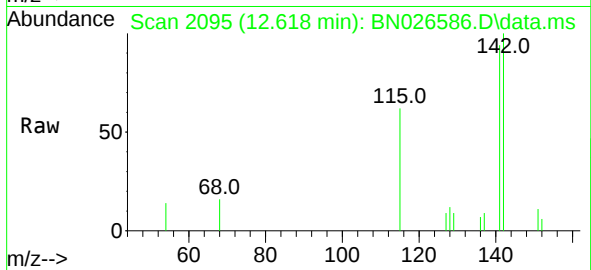
Tgt Ion:142 Resp: 4019
Ion Ratio Lower Upper
142 100
141 86.4 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.350 ng/ul
RT: 12.618 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

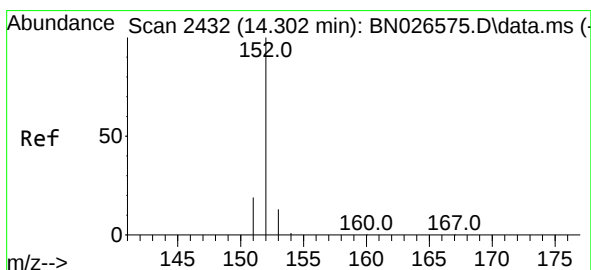
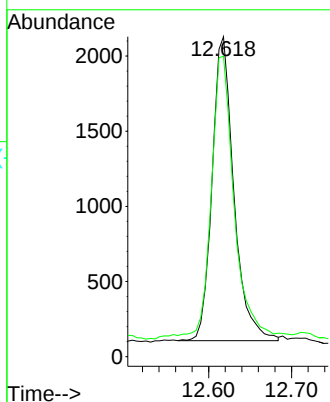
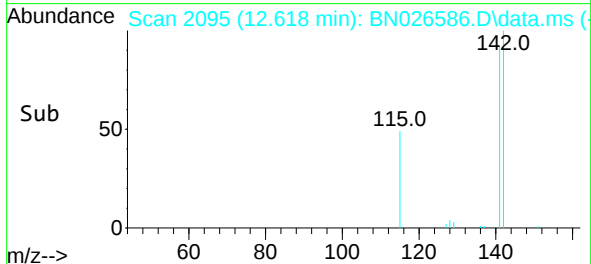
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:142 Resp: 3690
Ion Ratio Lower Upper
142 100
141 99.4 74.5 111.7

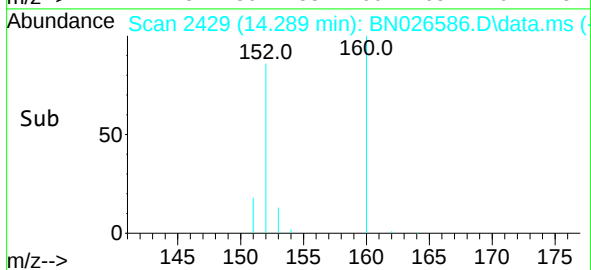
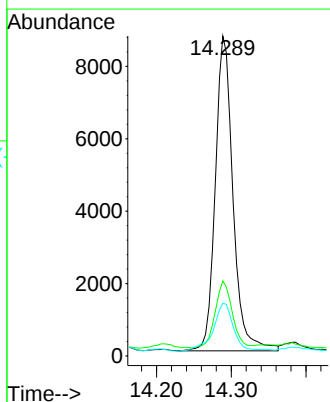
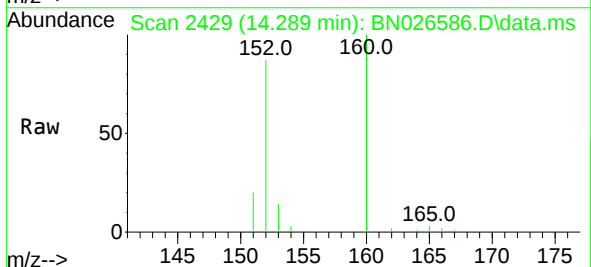
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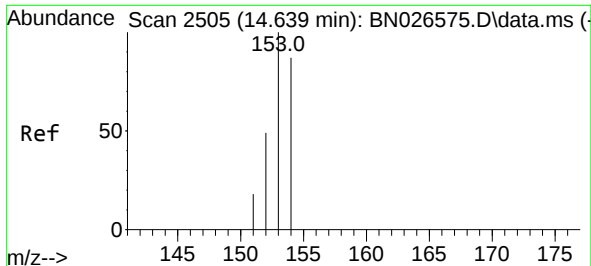
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#10
Acenaphthylene
Concen: 0.657 ng/ul
RT: 14.289 min Scan# 2429
Delta R.T. -0.013 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

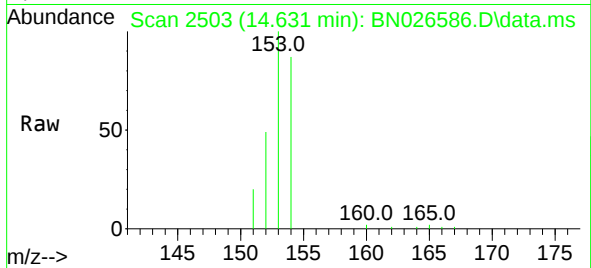
Tgt Ion:152 Resp: 14350
Ion Ratio Lower Upper
152 100
151 23.5 17.0 25.6
153 16.5 11.4 17.2





#11
Acenaphthene
Concen: 1.261 ng/ul
RT: 14.631 min Scan# 2100
Delta R.T. -0.008 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

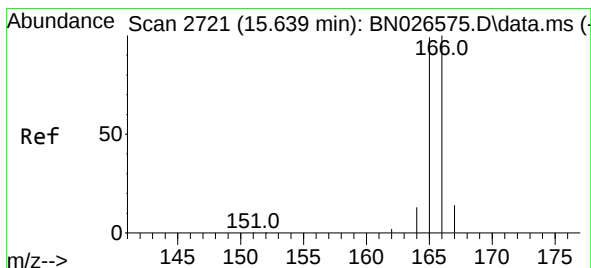
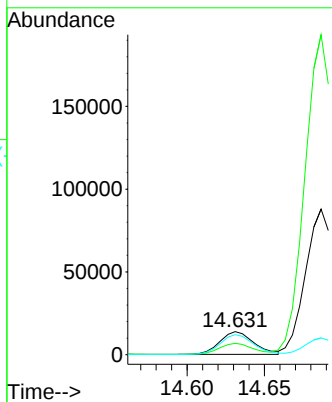
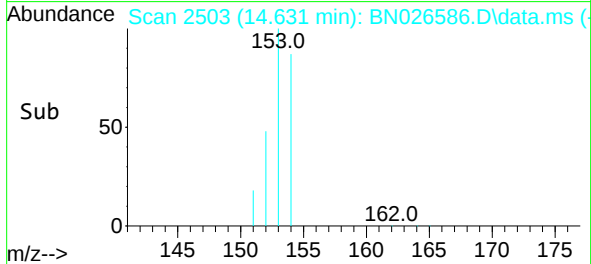
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:153 Resp: 20989
Ion Ratio Lower Upper
153 100
152 49.0 40.2 60.4
154 86.7 69.3 103.9

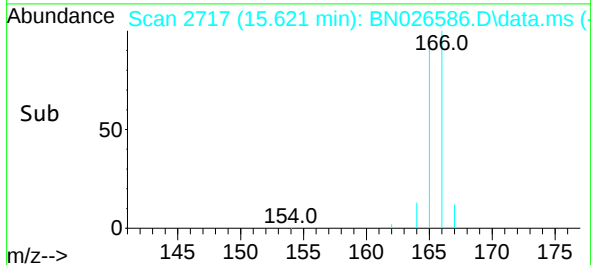
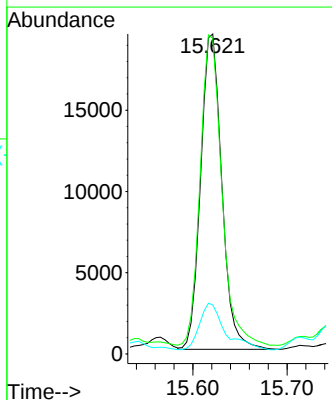
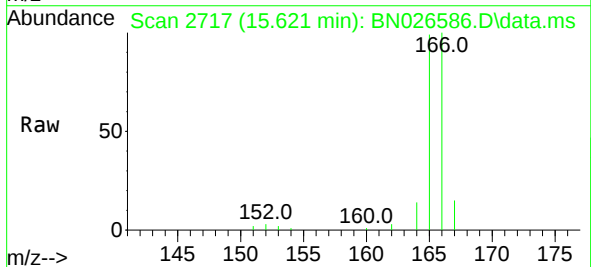
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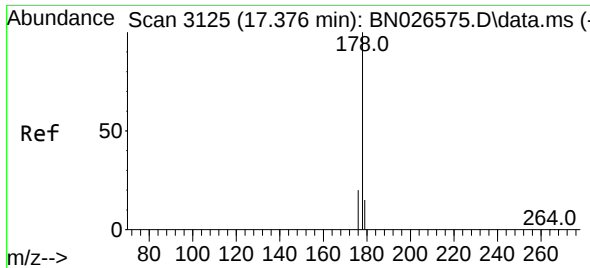
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#12
Fluorene
Concen: 1.733 ng/ul
RT: 15.621 min Scan# 2717
Delta R.T. -0.018 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

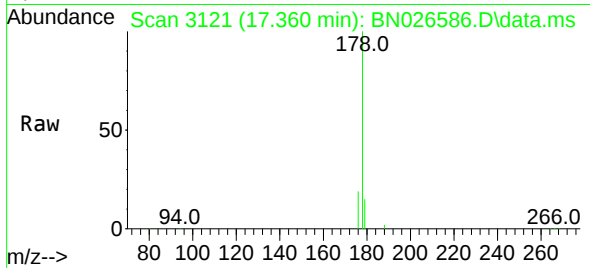
Tgt Ion:166 Resp: 30273
Ion Ratio Lower Upper
166 100
165 98.6 80.6 120.8
167 15.3 12.0 18.0





#15
Phenanthrene
Concen: 2.051 ng/u1
RT: 17.360 min Scan# 3121
Delta R.T. -0.016 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

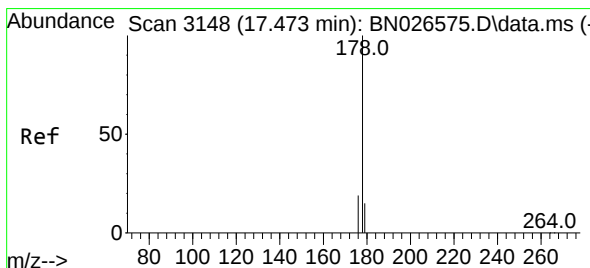
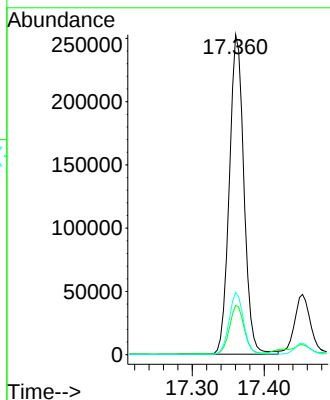
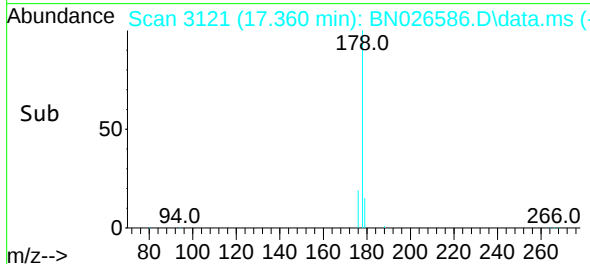
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:178 Resp: 355685
Ion Ratio Lower Upper
178 100
179 15.4 13.7 20.5
176 19.4 16.5 24.7

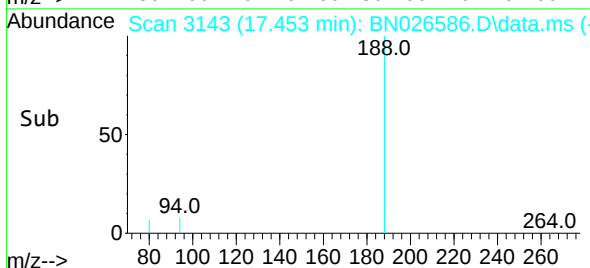
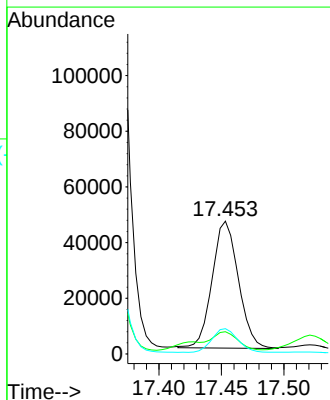
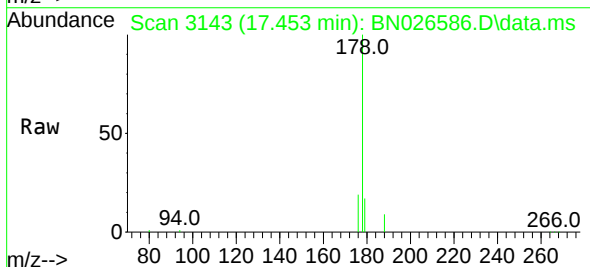
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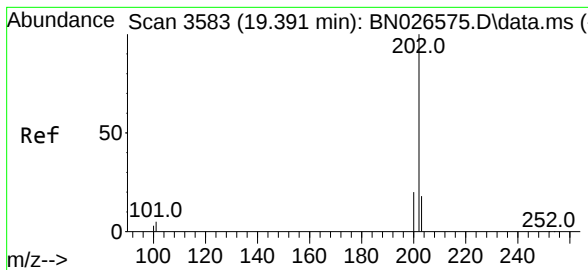
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#16
Anthracene
Concen: 0.442 ng/u1
RT: 17.453 min Scan# 3143
Delta R.T. -0.020 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

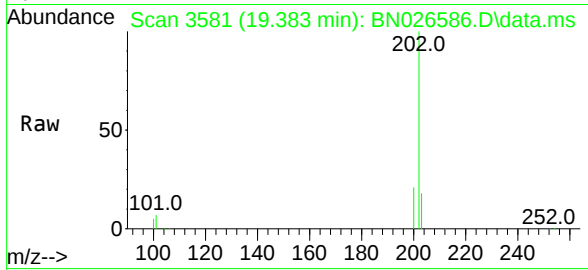
Tgt Ion:178 Resp: 66461
Ion Ratio Lower Upper
178 100
179 16.8 14.8 22.2
176 19.0 16.6 25.0





#19
Fluoranthene
Concen: 11.219 ng/ul
RT: 19.383 min Scan# 3583
Delta R.T. -0.008 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

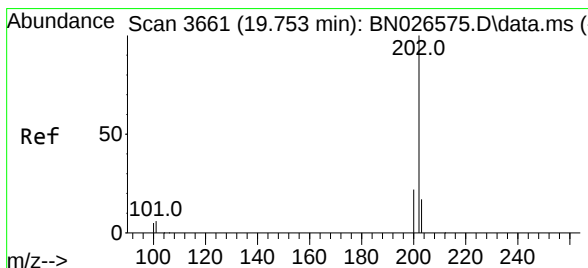
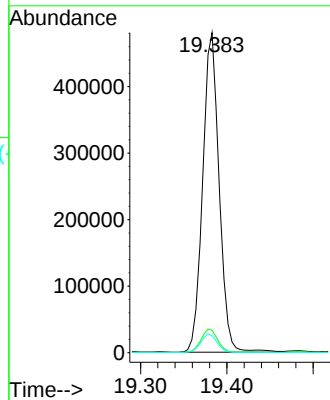
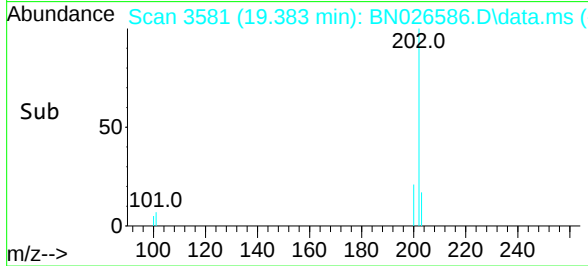
Instrument :
BNA_N
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A46W2



Tgt Ion:202 Resp: 63616
Ion Ratio Lower Upper
202 100
101 7.0 7.0 10.4
100 5.4 6.0 9.0

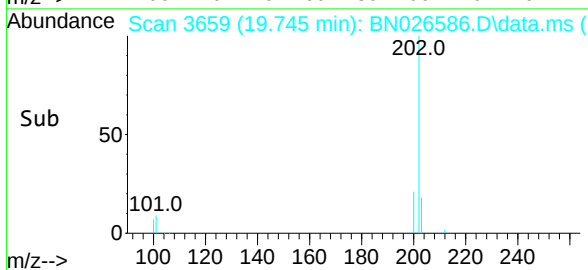
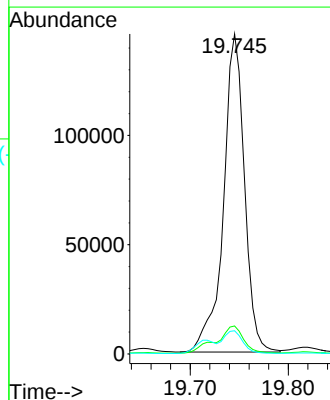
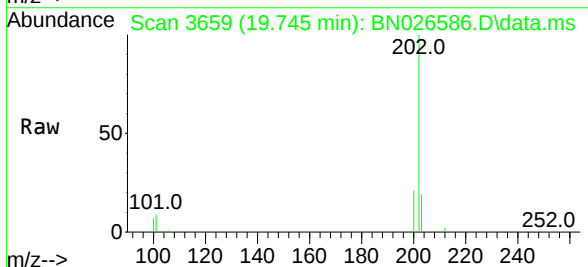
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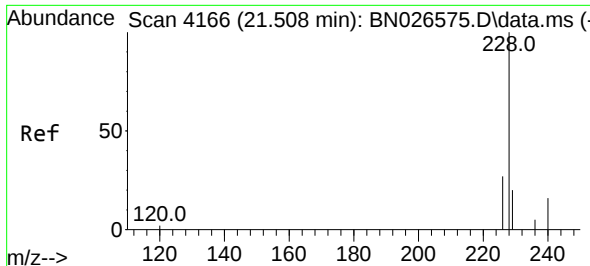
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#20
Pyrene
Concen: 3.529 ng/ul
RT: 19.745 min Scan# 3659
Delta R.T. -0.008 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

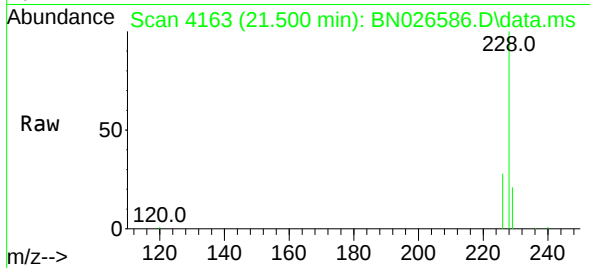
Tgt Ion:202 Resp: 217287
Ion Ratio Lower Upper
202 100
101 8.8 8.0 12.0
100 7.2 6.2 9.2





#21
Benzo(a)anthracene
Concen: 7.128 ng/ul
RT: 21.500 min Scan# 4166
Delta R.T. -0.007 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

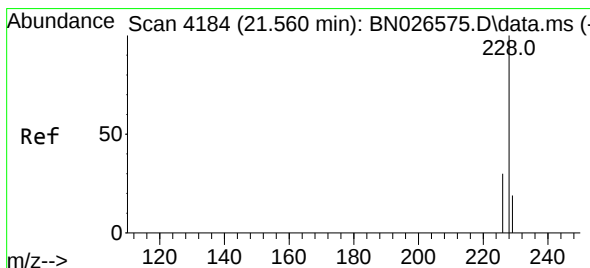
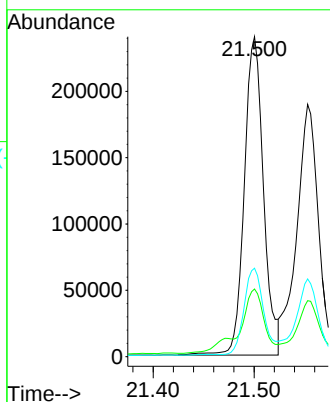
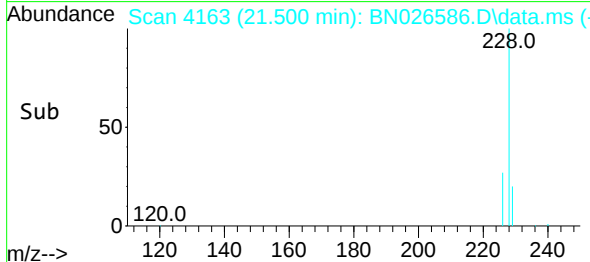
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:228 Resp: 316872
Ion Ratio Lower Upper
228 100
229 21.2 16.7 25.1
226 27.7 23.5 35.3

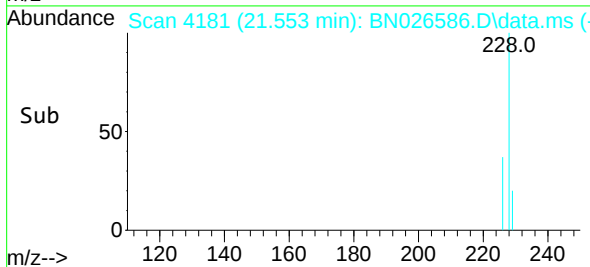
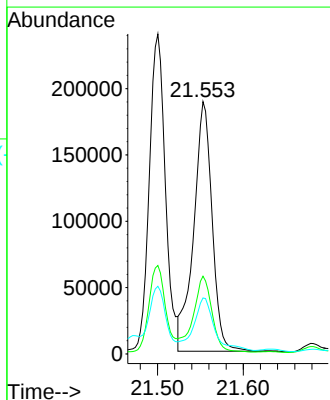
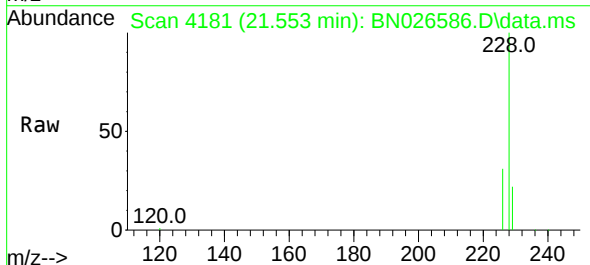
Manual Integrations
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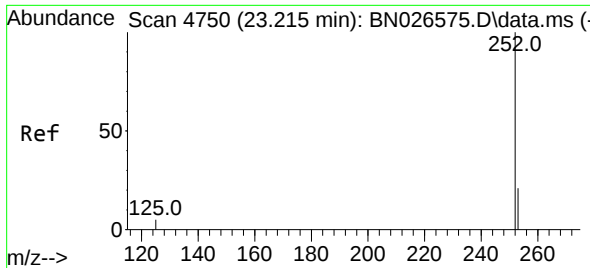
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#22
Chrysene
Concen: 5.543 ng/ul
RT: 21.553 min Scan# 4181
Delta R.T. -0.007 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

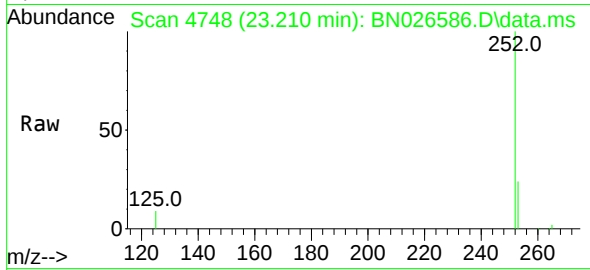
Tgt Ion:228 Resp: 280466
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 22.2 16.4 24.6





#24
Benzo(b)fluoranthene
Concen: 6.307 ng/ul m
RT: 23.210 min Scan# 4750
Delta R.T. -0.005 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

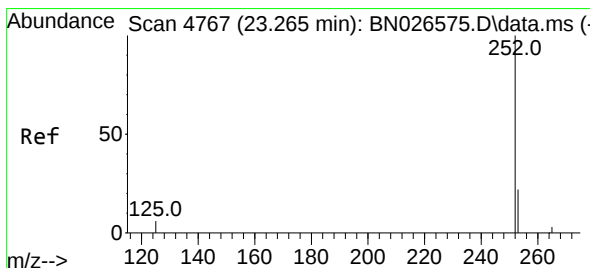
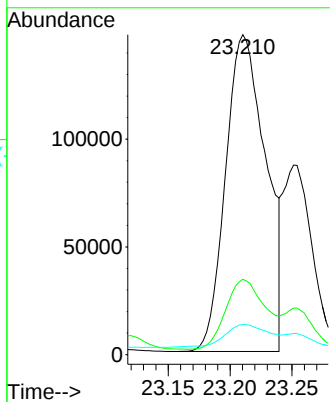
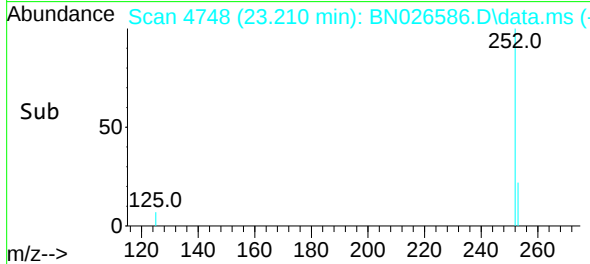
Instrument :
BNA_N
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A46W2



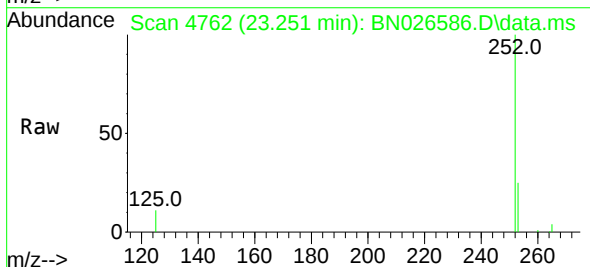
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Ion Ratio Lower Upper
252 100
253 23.6 0.0 68.6
125 9.5 0.0 34.0

Manual Integrations
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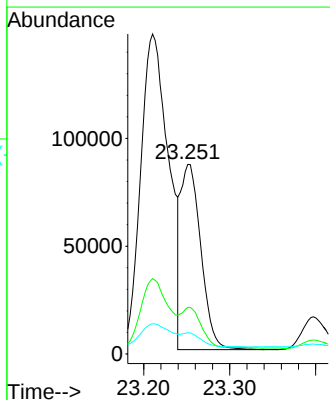
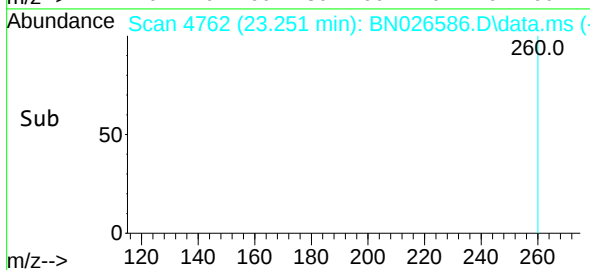
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023

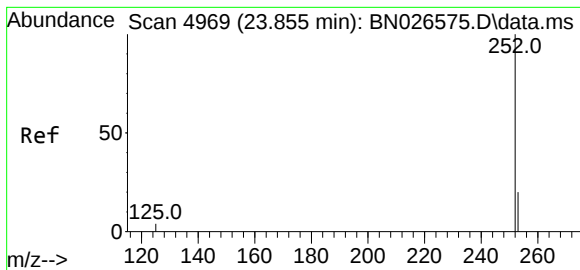


#25
Benzo(k)fluoranthene
Concen: 2.525 ng/ul m
RT: 23.251 min Scan# 4762
Delta R.T. -0.013 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04



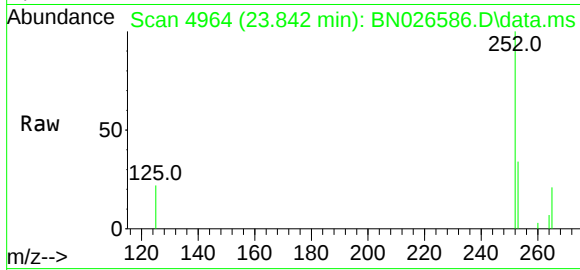
Tgt Ion:252 Resp: 139877
Ion Ratio Lower Upper
252 100
253 24.6 27.2 40.8#
125 11.2 13.4 20.2#





#26
Benzo(a)pyrene
Concen: 0.880 ng/ul
RT: 23.842 min Scan# 4964
Delta R.T. -0.013 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

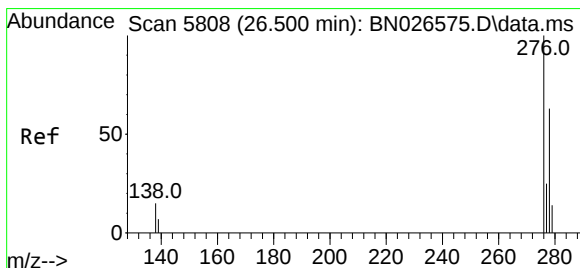
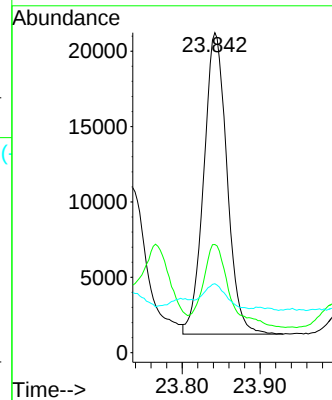
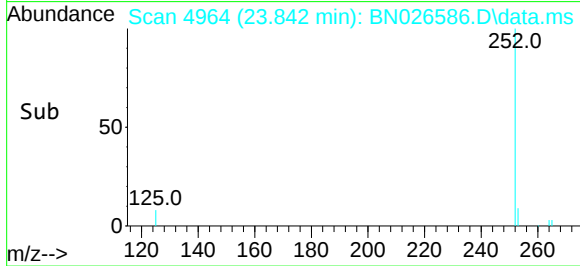
Instrument :
BNA_N
ClientSampleId :
A46W2



Tgt Ion:252 Resp: 41379
Ion Ratio Lower Upper
252 100
253 33.8 32.6 49.0
125 21.6 19.3 28.9

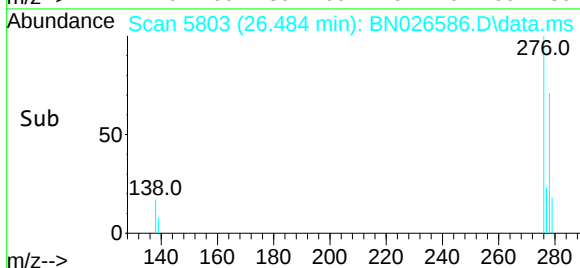
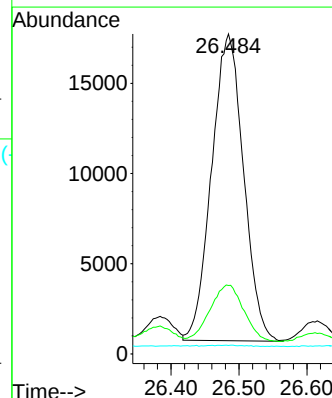
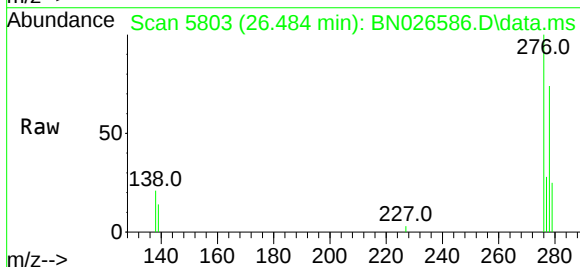
Manual Integrations
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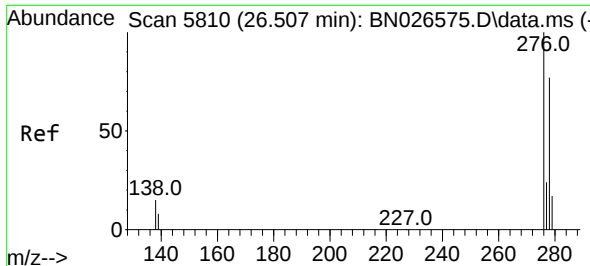
Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.900 ng/ul
RT: 26.484 min Scan# 5803
Delta R.T. -0.015 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

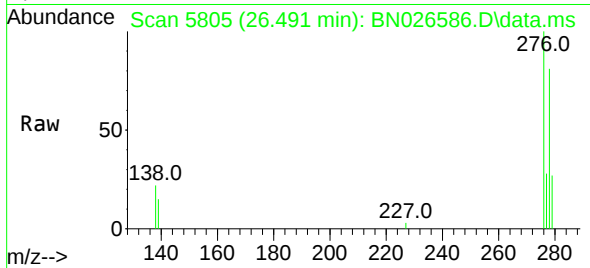
Tgt Ion:276 Resp: 55489
Ion Ratio Lower Upper
276 100
138 19.6 22.2 33.4#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 1.005 ng/ul
RT: 26.491 min Scan# 5810
Delta R.T. -0.015 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04

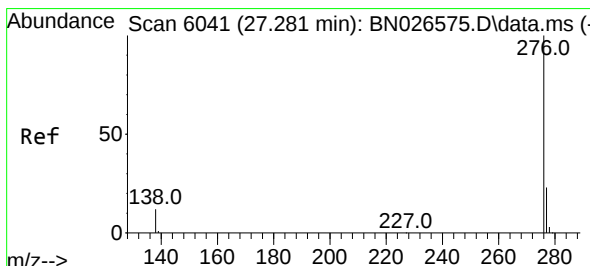
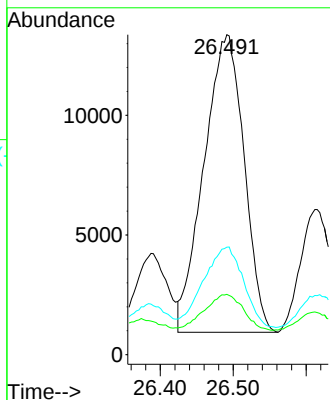
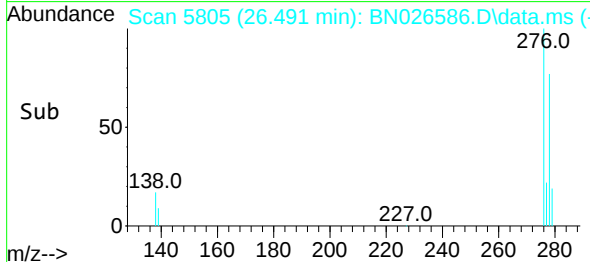
Instrument :
BNA_N
ClientSampleId :
A46W2



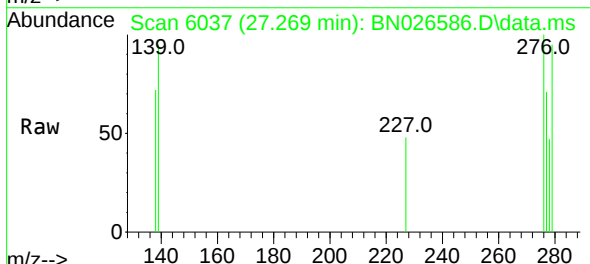
Tgt Ion:278 Resp: 47540
Ion Ratio Lower Upper
278 100
139 18.8 18.9 28.3#
279 33.6 31.3 46.9

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Reviewed By :Yogesh Patel 07/19/2023
Supervised By :Sohil Jodhani 07/19/2023



#29
Benzo(g,h,i)perylene
Concen: 0.052 ng/ul
RT: 27.269 min Scan# 6037
Delta R.T. -0.012 min
Lab File: BN026586.D
Acq: 19 Jul 2023 05:04



Tgt Ion:276 Resp: 2839
Ion Ratio Lower Upper
276 100
138 72.4 22.6 34.0#
277 70.7 21.8 32.8#

