

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
 Data File : BN026601.D
 Acq On : 20 Jul 2023 20:47
 Operator : MA/JU
 Sample : 03452-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A46Q8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

Quant Time: Jul 20 21:49:37 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 : Thu Jul 20 16:21:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	1339	0.400	ng/ul	0.00
4) Naphthalene-d8	10.636	136	4442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.476	164	3076	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.219	188	7615	0.400	ng/ul	0.00
17) Chrysene-d12	21.417	240	9156	0.400	ng/ul	# 0.00
23) Perylene-d12	23.790	264	10063	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.204	96	5819	3.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	2542	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.250	212	9955	0.314	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.685	128	888	0.073	ng/ul#	78
7) 2-Methylnaphthalene	12.308	142	440	0.064	ng/ul	99
8) 1-Methylnaphthalene	12.522	142	428	0.058	ng/ul	98
10) Acenaphthylene	14.189	152	2160	0.143	ng/ul#	94
11) Acenaphthene	14.536	153	608	0.053	ng/ul	96
12) Fluorene	15.522	166	951	0.079	ng/ul#	97
14) Pentachlorophenol	16.898	266	141	0.073	ng/ul	88
15) Phenanthrene	17.262	178	7835	0.323	ng/ul	100
16) Anthracene	17.350	178	2944	0.140	ng/ul	95
19) Fluoranthene	19.278	202	24007	0.559	ng/ul#	94
20) Pyrene	19.641	202	26453m	0.568	ng/ul	
21) Benzo(a)anthracene	21.399	228	15615	0.464	ng/ul	97
22) Chrysene	21.452	228	13742	0.359	ng/ul	95
24) Benzo(b)fluoranthene	23.071	252	20599m	0.525	ng/ul	
25) Benzo(k)fluoranthene	23.115	252	9493m	0.231	ng/ul	
26) Benzo(a)pyrene	23.682	252	12689	0.364	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.248	276	10931	0.239	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.254	278	3520	0.100	ng/ul#	76
29) Benzo(g,h,i)perylene	27.002	276	10064	0.249	ng/ul#	93

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

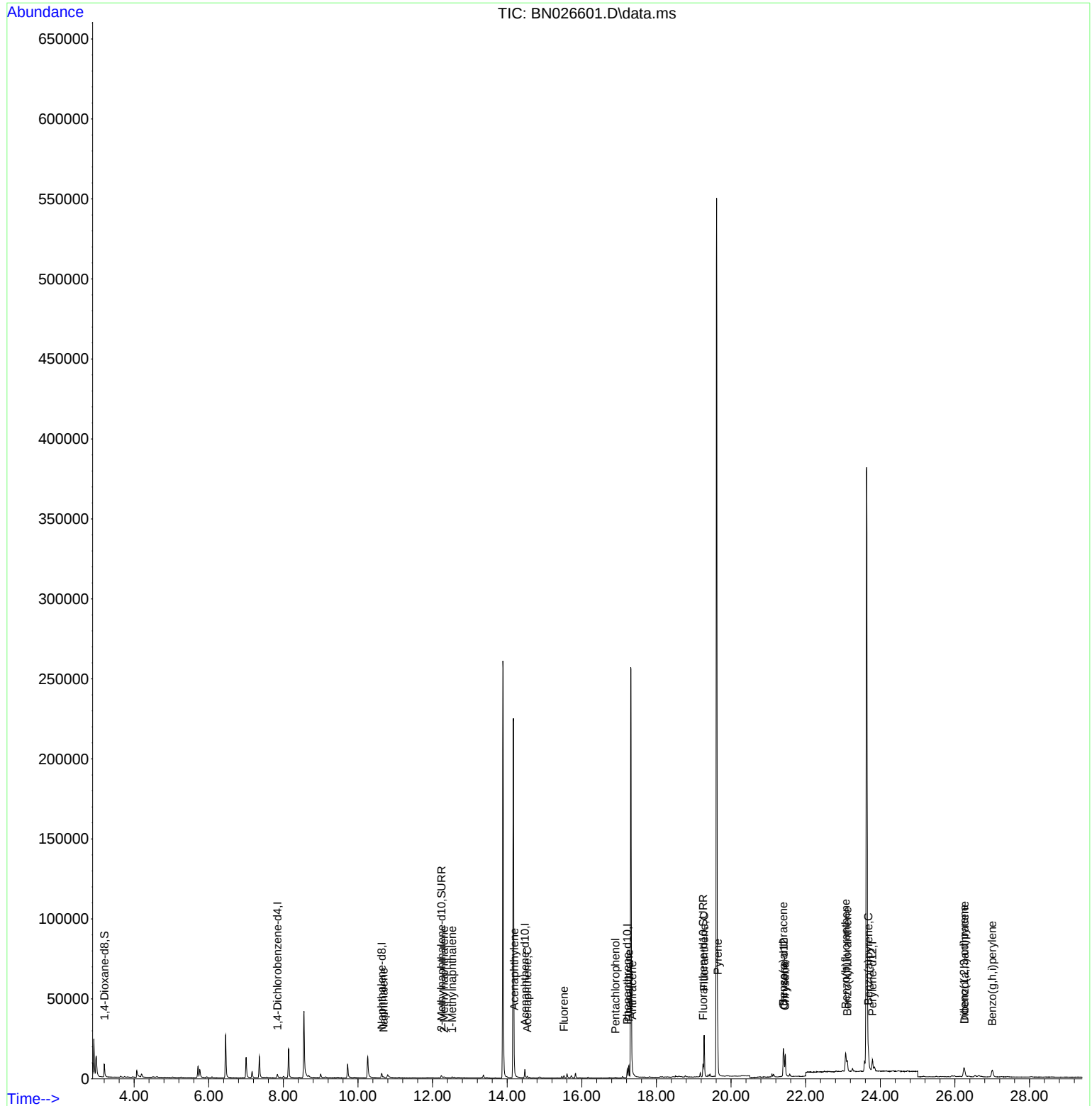
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072023\
Data File : BN026601.D
Acq On : 20 Jul 2023 20:47
Operator : MA/JU
Sample : 03452-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

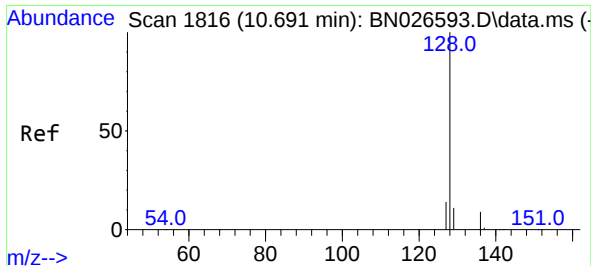
Instrument :
BNA_N
ClientSampleId :
A46Q8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

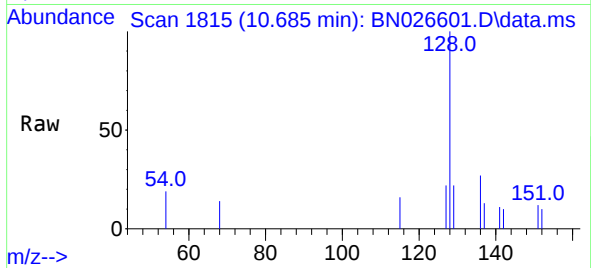
Quant Time: Jul 20 21:49:37 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 20 16:21:17 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.073 ng/ul
RT: 10.685 min Scan# 1816
Delta R.T. -0.005 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

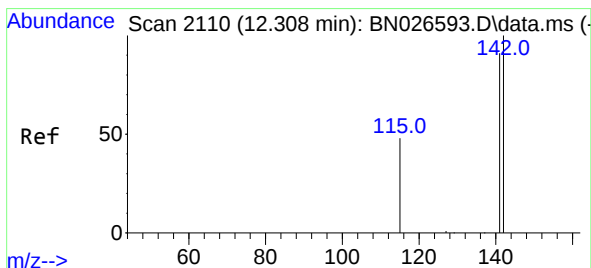
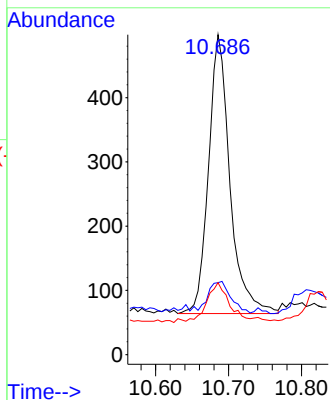
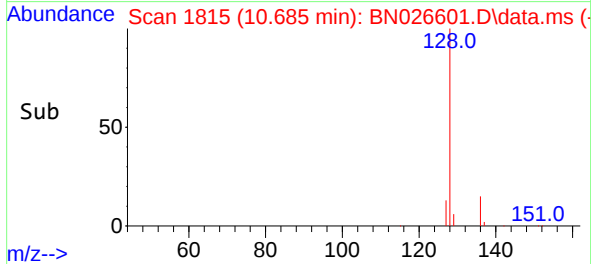
Instrument :
BNA_N
ClientSampleId :
A46Q8



Tgt Ion:128 Resp: 888
Ion Ratio Lower Upper
128 100
129 22.5 10.2 15.2
127 22.5 11.4 17.0

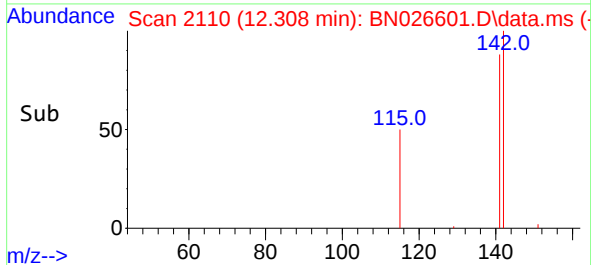
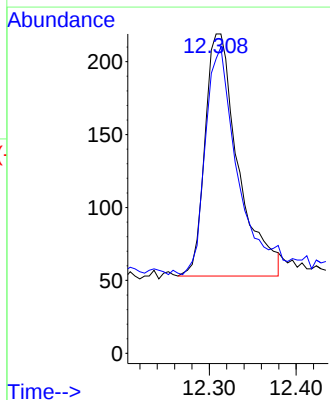
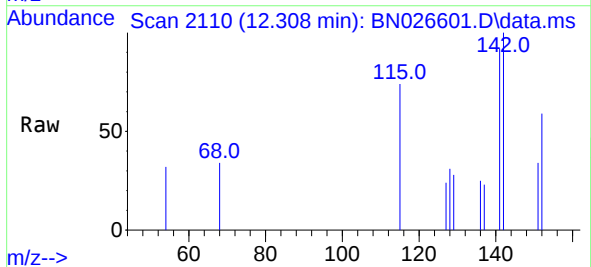
Manual Integrations
APPROVED

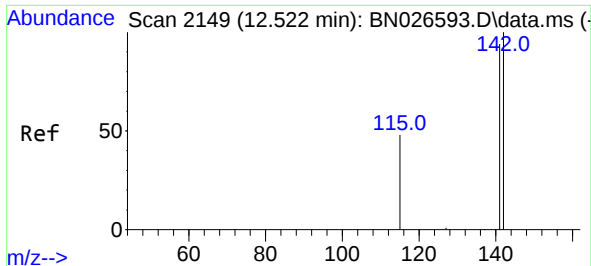
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#7
2-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.308 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

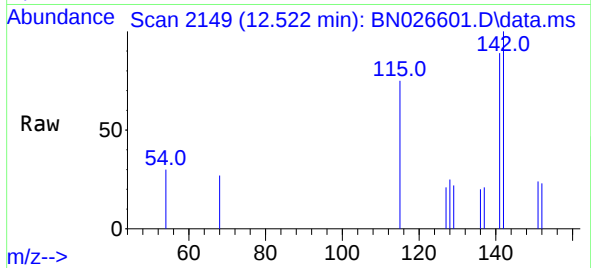
Tgt Ion:142 Resp: 440
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5





#8
1-Methylnaphthalene
Concen: 0.058 ng/ul
RT: 12.522 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

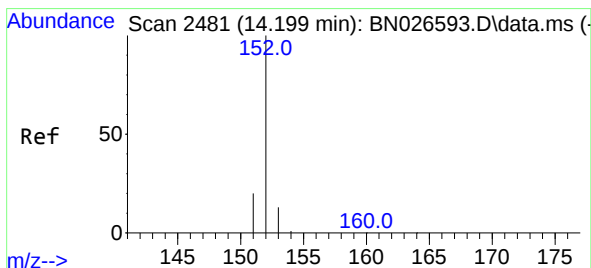
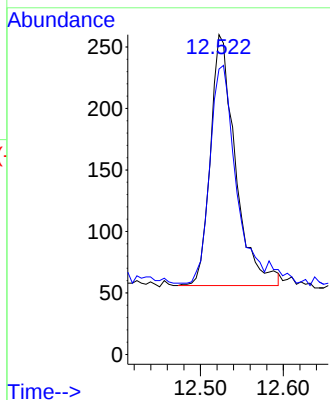
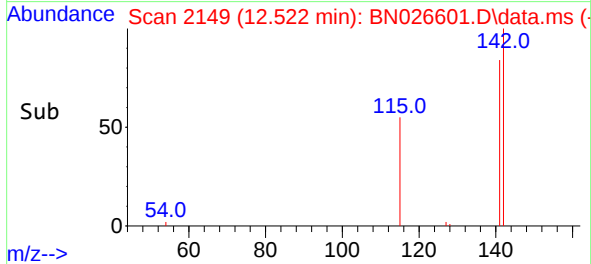
Instrument :
BNA_N
ClientSampleId :
A46Q8



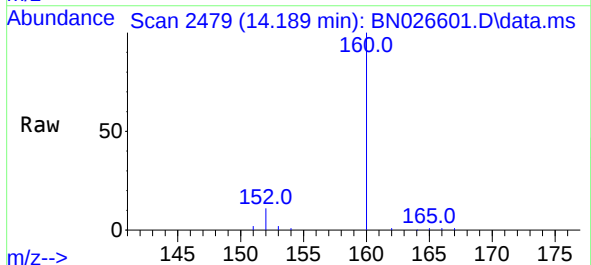
Tgt Ion:142 Resp: 428
Ion Ratio Lower Upper
142 100
141 91.6 74.5 111.7

Manual Integrations
APPROVED

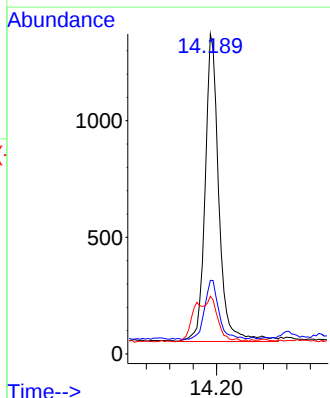
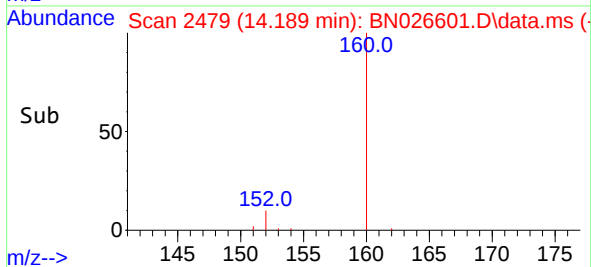
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

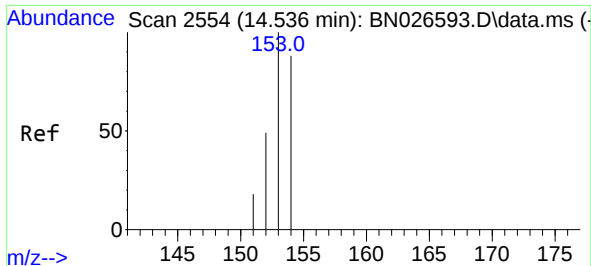


#10
Acenaphthylene
Concen: 0.143 ng/ul
RT: 14.189 min Scan# 2479
Delta R.T. -0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47



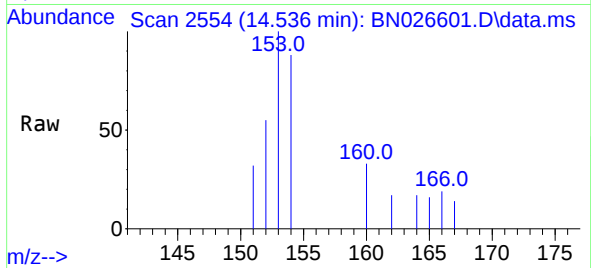
Tgt Ion:152 Resp: 2160
Ion Ratio Lower Upper
152 100
151 23.0 17.0 25.6
153 18.1 11.4 17.2#





#11
Acenaphthene
Concen: 0.053 ng/u1
RT: 14.536 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

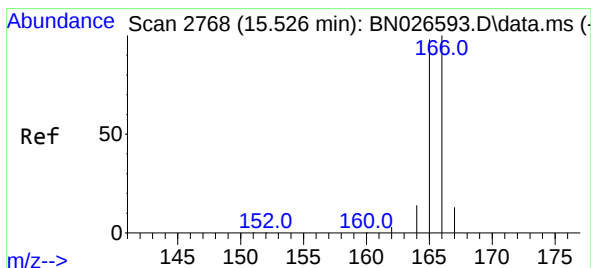
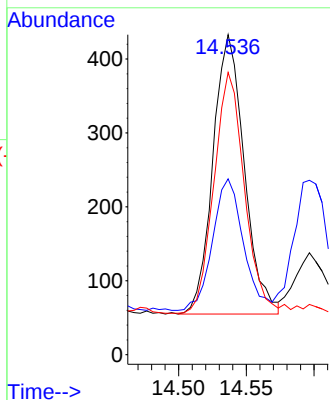
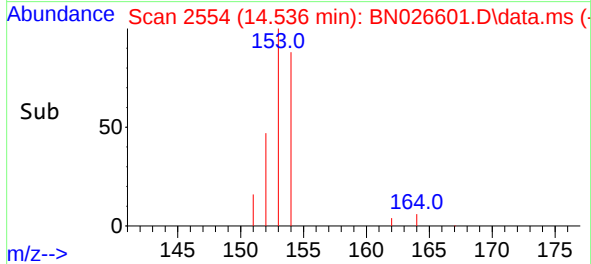
Instrument :
BNA_N
ClientSampleId :
A46Q8



Tgt Ion:153 Resp: 608
Ion Ratio Lower Upper
153 100
152 55.0 40.2 60.4
154 88.2 69.3 103.9

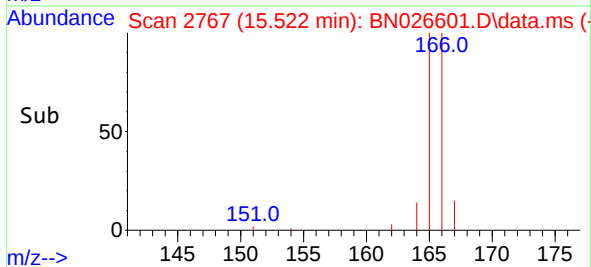
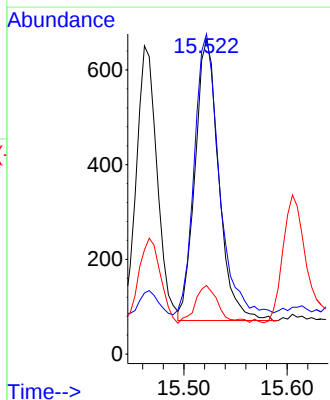
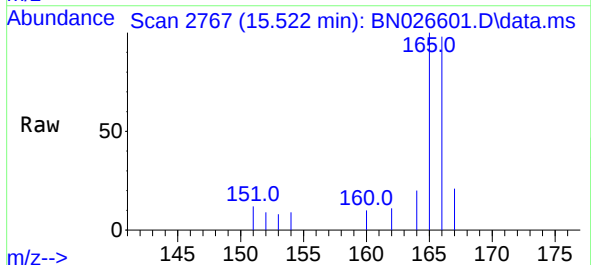
Manual Integrations
APPROVED

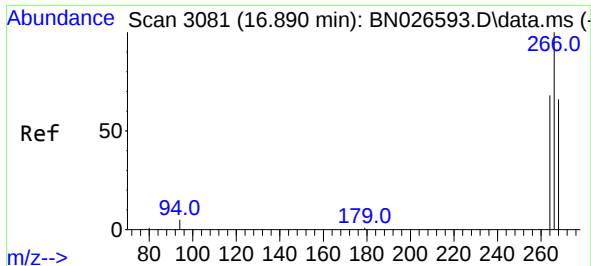
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#12
Fluorene
Concen: 0.079 ng/u1
RT: 15.522 min Scan# 2767
Delta R.T. -0.004 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

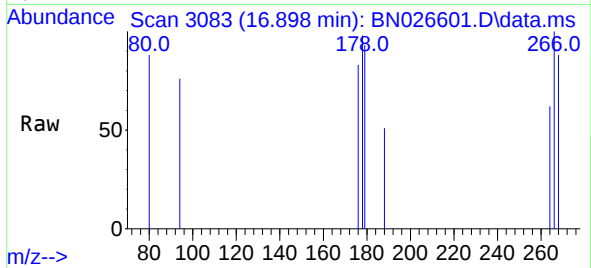
Tgt Ion:166 Resp: 951
Ion Ratio Lower Upper
166 100
165 102.0 80.6 120.8
167 21.9 12.0 18.0#





#14
Pentachlorophenol
Concen: 0.073 ng/u1
RT: 16.898 min Scan# 3081
Delta R.T. 0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

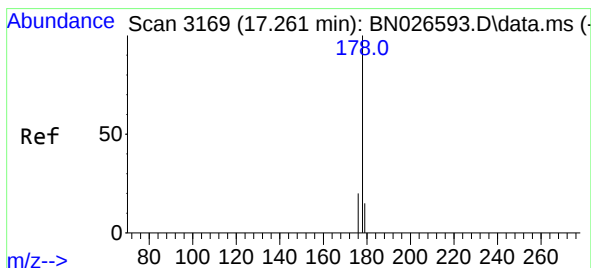
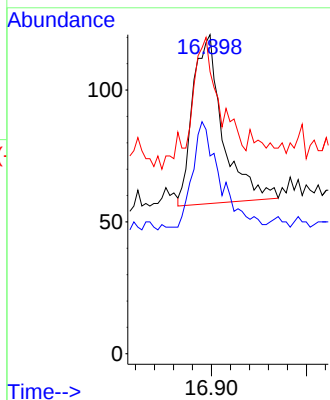
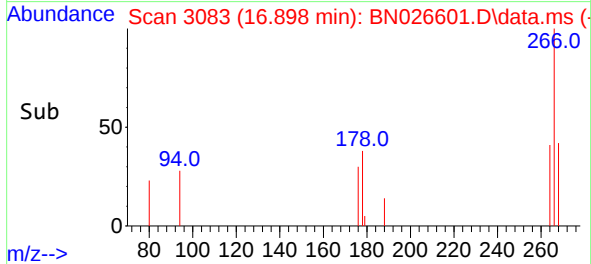
Instrument :
BNA_N
ClientSampleId :
A46Q8



Tgt Ion:266 Resp: 141
Ion Ratio Lower Upper
266 100
264 56.7 52.0 78.0
268 77.3 53.0 79.6

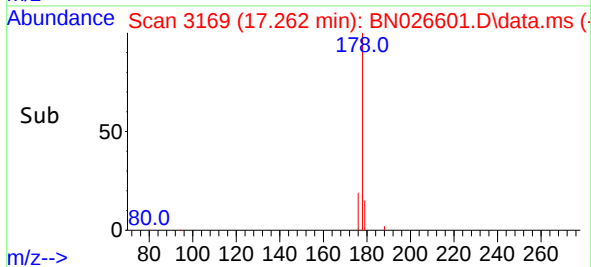
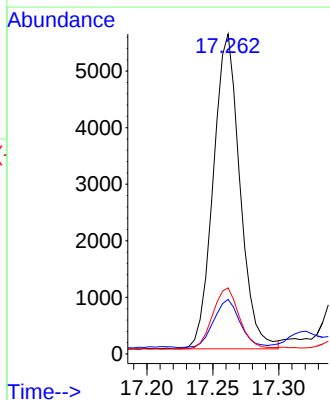
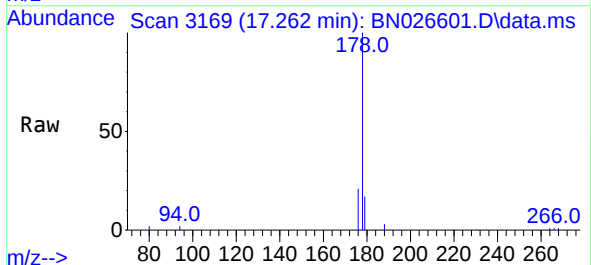
Manual Integrations
APPROVED

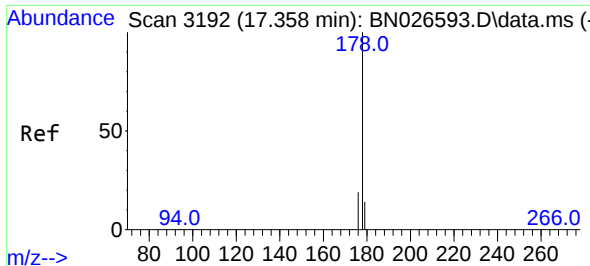
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#15
Phenanthrene
Concen: 0.323 ng/u1
RT: 17.262 min Scan# 3169
Delta R.T. 0.000 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

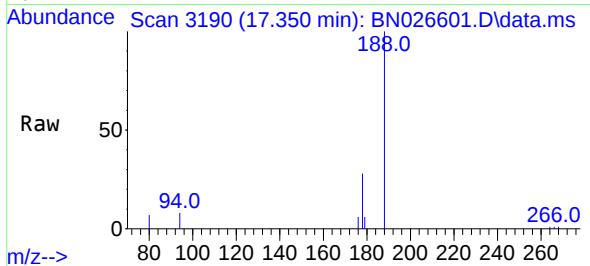
Tgt Ion:178 Resp: 7835
Ion Ratio Lower Upper
178 100
179 17.0 13.7 20.5
176 20.7 16.5 24.7





#16
 Anthracene
 Concen: 0.140 ng/ul
 RT: 17.350 min Scan# 3192
 Delta R.T. -0.008 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

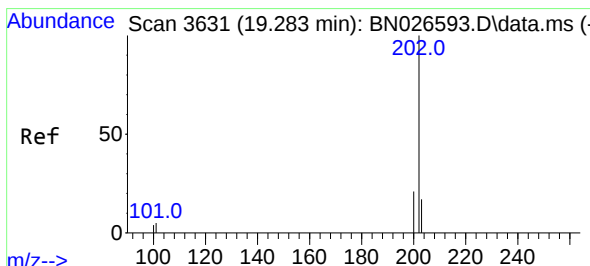
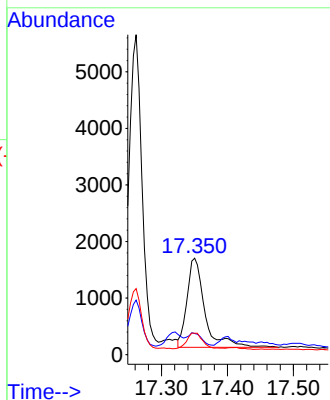
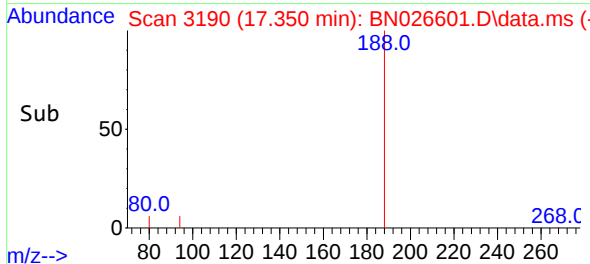
Instrument :
 BNA_N
 ClientSampleId :
 A46Q8



Tgt Ion:178 Resp: 2944
 Ion Ratio Lower Upper
 178 100
 179 21.9 14.8 22.2
 176 22.2 16.6 25.0

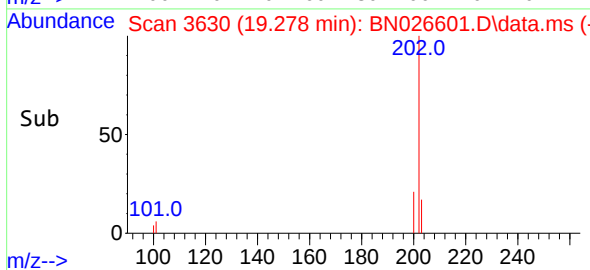
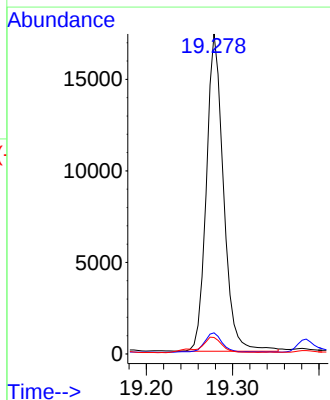
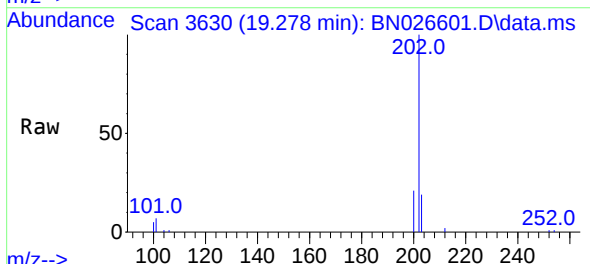
Manual Integrations
 APPROVED

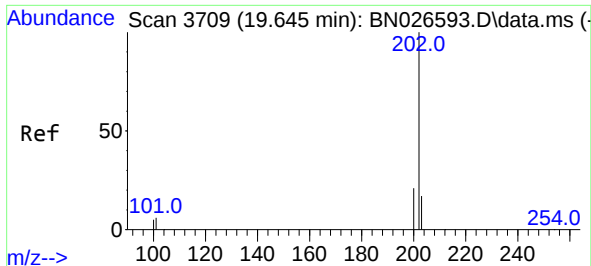
Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023



#19
 Fluoranthene
 Concen: 0.559 ng/ul
 RT: 19.278 min Scan# 3630
 Delta R.T. -0.004 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

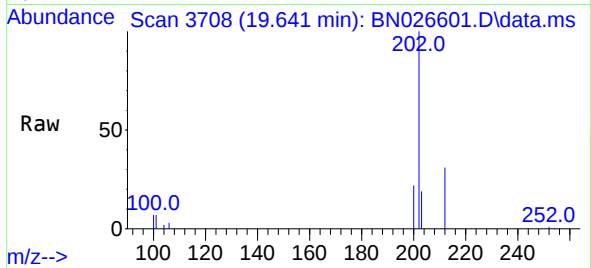
Tgt Ion:202 Resp: 24007
 Ion Ratio Lower Upper
 202 100
 101 6.6 7.0 10.4#
 100 5.1 6.0 9.0#





#20
Pyrene
Concen: 0.568 ng/ul m
RT: 19.641 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

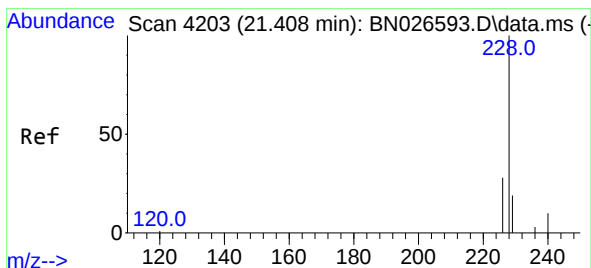
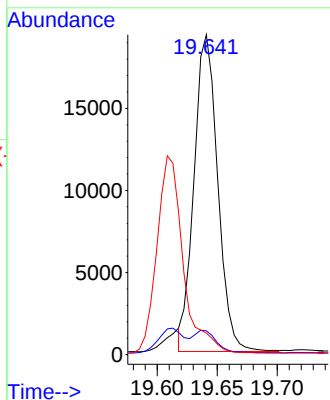
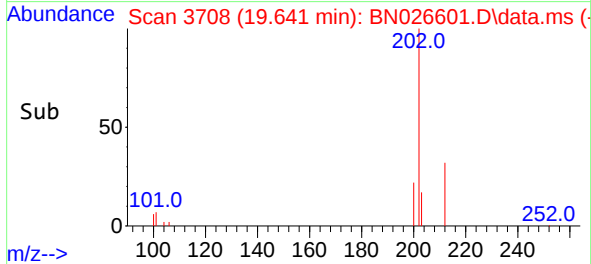
Instrument :
BNA_N
ClientSampleId :
A46Q8



Tgt Ion:202 Resp: 2645
Ion Ratio Lower Upper
202 100
101 7.4 8.0 12.0
100 6.8 6.2 9.2

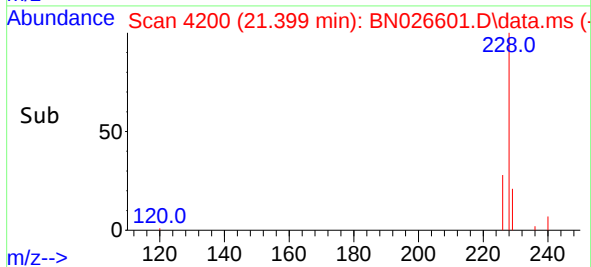
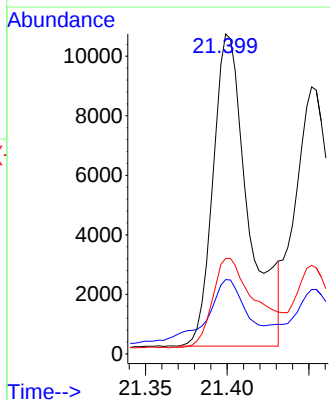
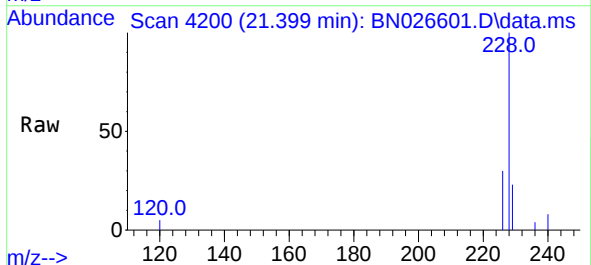
Manual Integrations
APPROVED

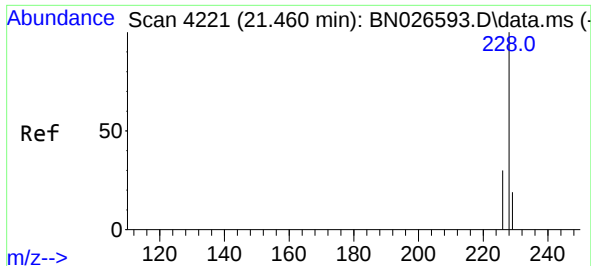
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#21
Benzo(a)anthracene
Concen: 0.464 ng/ul
RT: 21.399 min Scan# 4200
Delta R.T. -0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

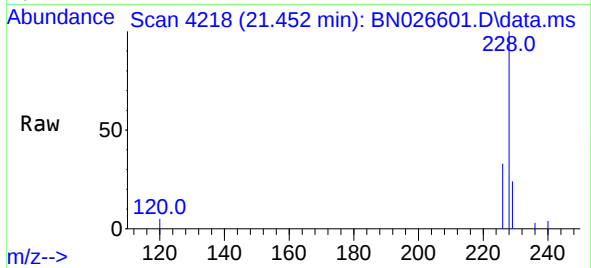
Tgt Ion:228 Resp: 15615
Ion Ratio Lower Upper
228 100
229 23.3 16.7 25.1
226 29.9 23.5 35.3





#22
Chrysene
Concen: 0.359 ng/ul
RT: 21.452 min Scan# 41
Delta R.T. -0.009 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

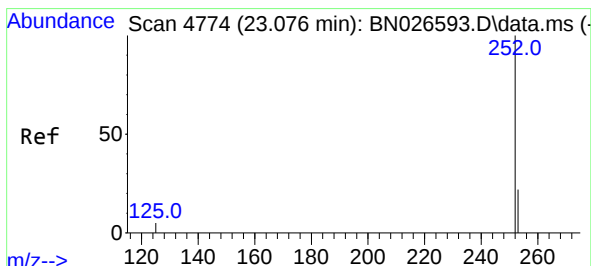
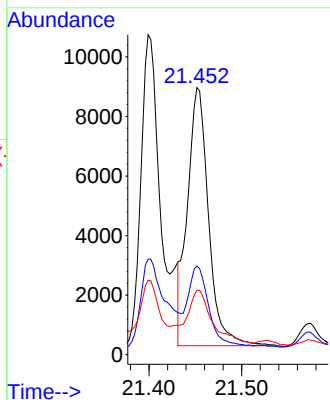
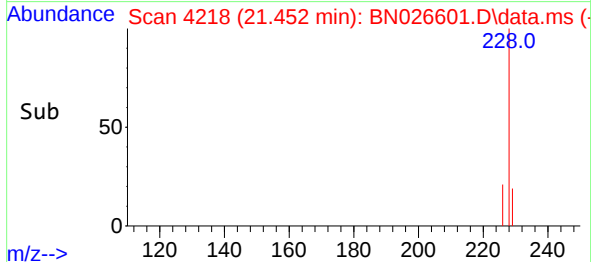
Instrument :
BNA_N
ClientSampleId :
A46Q8



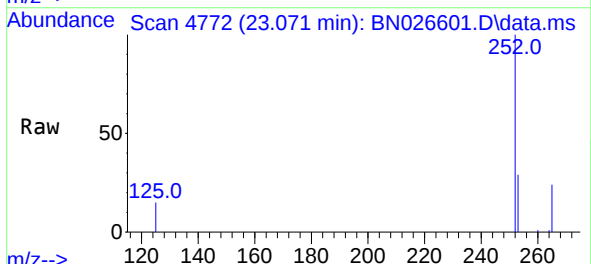
Tgt Ion:228 Resp: 1374
Ion Ratio Lower Upper
228 100
226 33.2 25.2 37.8
229 24.1 16.4 24.6

Manual Integrations
APPROVED

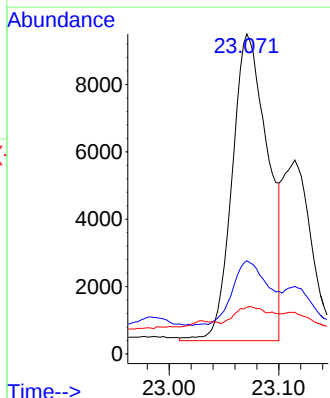
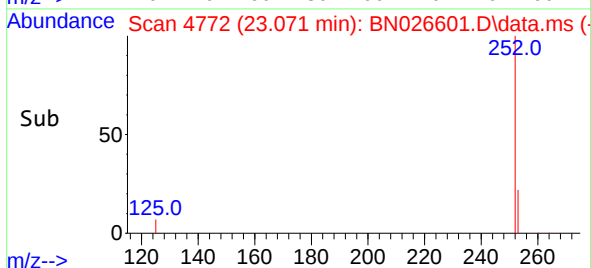
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023

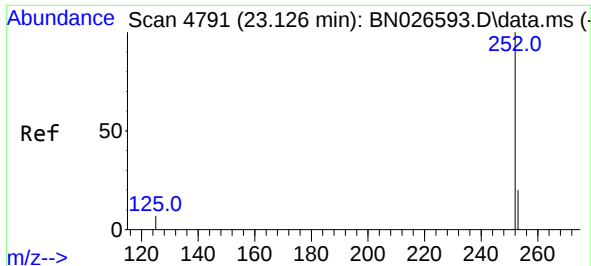


#24
Benzo(b)fluoranthene
Concen: 0.525 ng/ul m
RT: 23.071 min Scan# 4772
Delta R.T. -0.006 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47



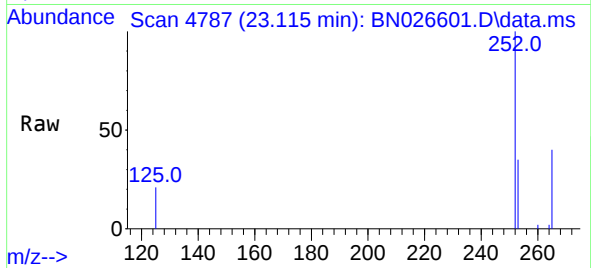
Tgt Ion:252 Resp: 20599
Ion Ratio Lower Upper
252 100
253 29.1 0.0 68.6
125 14.6 0.0 34.0





#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 23.115 min Scan# 4791
Delta R.T. -0.012 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

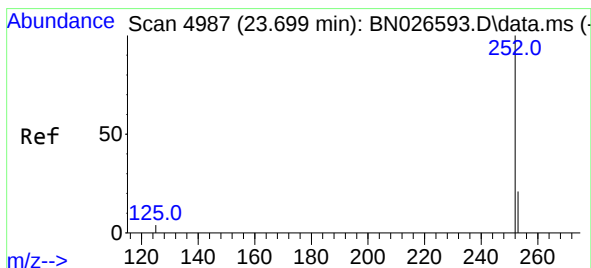
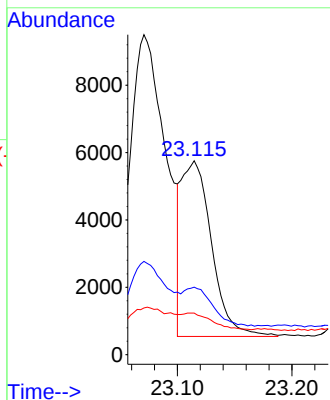
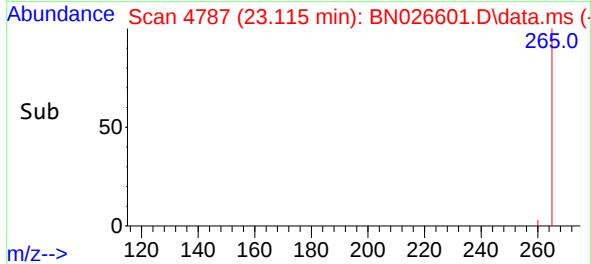
Instrument :
BNA_N
ClientSampleId :
A46Q8



Tgt Ion:252 Resp: 9491
Ion Ratio Lower Upper
252 100
253 34.8 27.2 40.8
125 21.4 13.4 20.2

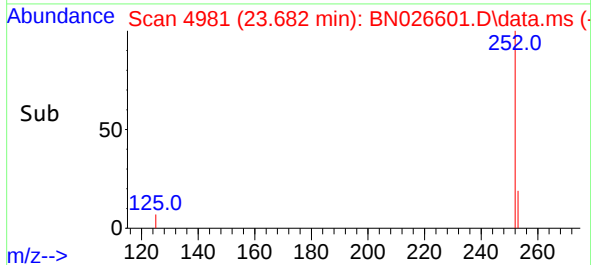
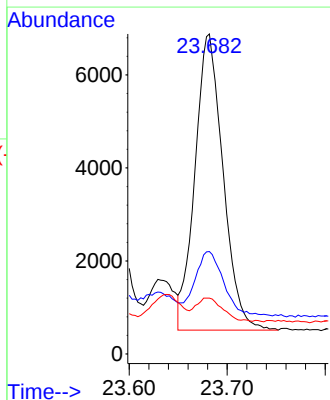
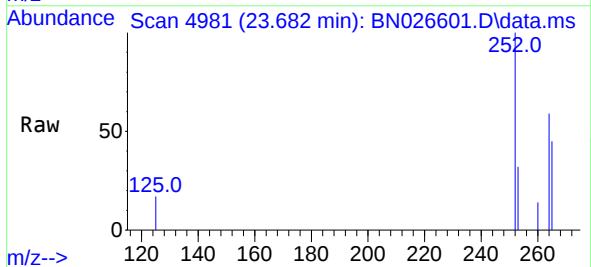
Manual Integrations
APPROVED

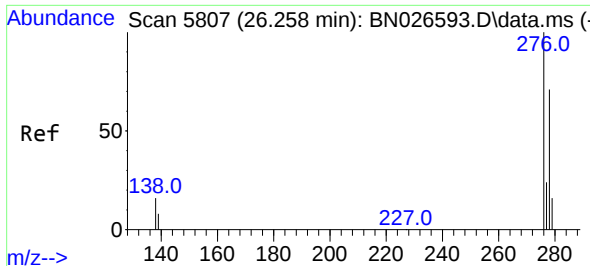
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :Sohil Jodhani 07/20/2023



#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.682 min Scan# 4981
Delta R.T. -0.017 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

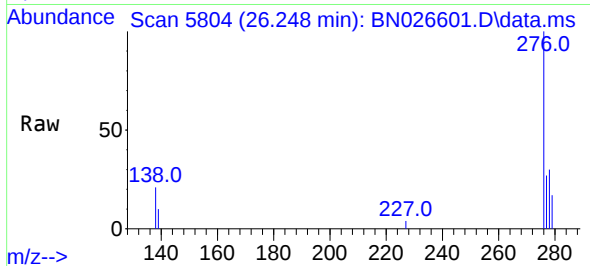
Tgt Ion:252 Resp: 12689
Ion Ratio Lower Upper
252 100
253 32.0 32.6 49.0#
125 17.4 19.3 28.9#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.239 ng/ul
RT: 26.248 min Scan# 5804
Delta R.T. -0.010 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47

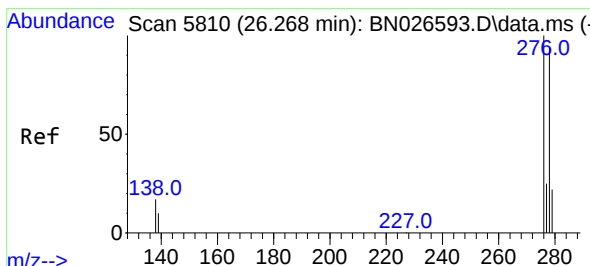
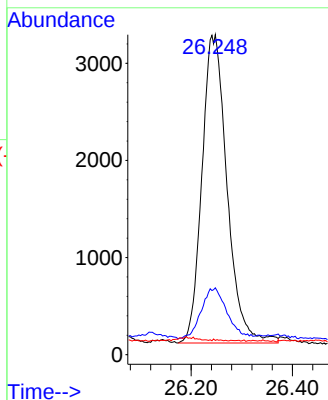
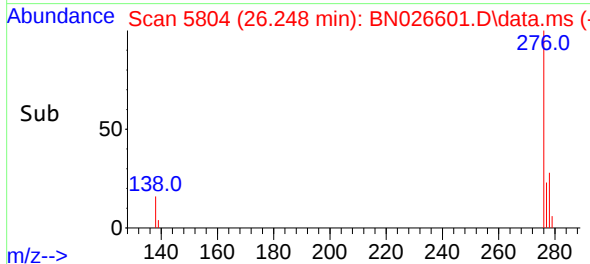
Instrument :
BNA_N
ClientSampleId :
A46Q8



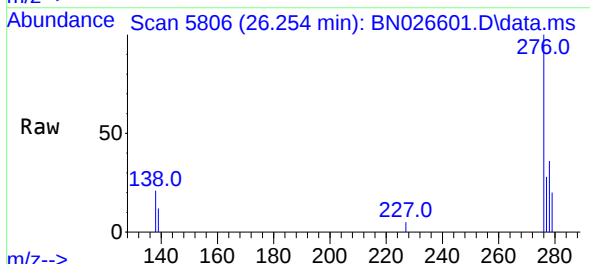
Tgt Ion: 276 Resp: 1093
Ion Ratio Lower Upper
276 100
138 17.0 22.2 33.4#
227 0.2 0.1 0.1#

Manual Integrations
APPROVED

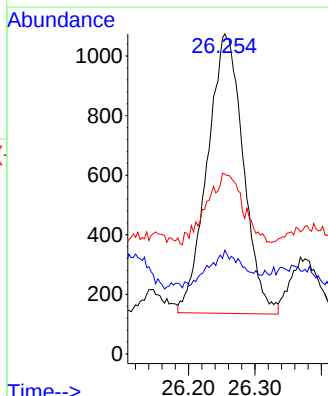
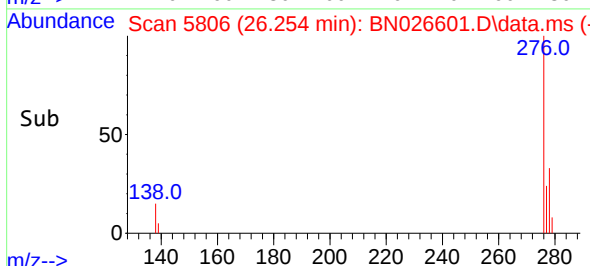
Reviewed By : Yogesh Patel 07/20/2023
Supervised By : Sohil Jodhani 07/20/2023

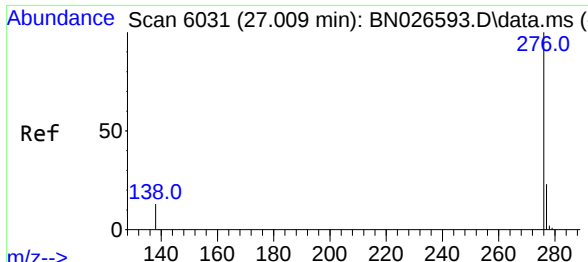


#28
Dibenzo(a,h)anthracene
Concen: 0.100 ng/ul
RT: 26.254 min Scan# 5806
Delta R.T. -0.013 min
Lab File: BN026601.D
Acq: 20 Jul 2023 20:47



Tgt Ion: 278 Resp: 3520
Ion Ratio Lower Upper
278 100
139 32.4 18.9 28.3#
279 56.2 31.3 46.9#





#29
 Benzo(g,h,i)perylene
 Concen: 0.249 ng/ul
 RT: 27.002 min Scan# 60
 Delta R.T. -0.007 min
 Lab File: BN026601.D
 Acq: 20 Jul 2023 20:47

Instrument :
 BNA_N
 ClientSampleId :
 A46Q8

Tgt Ion: 276 Resp: 10064

Ion	Ratio	Lower	Upper
276	100		
138	20.9	22.6	34.0
277	27.0	21.8	32.8

Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 07/20/2023
 Supervised By :Sohil Jodhani 07/20/2023

