

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021006.D
 Acq On : 05 Aug 2022 01:40
 Operator : CG/JU
 Sample : N4026-05MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GBJG8MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/09/2022

Quant Time: Aug 05 02:33:55 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	2412	0.400	ng/ul	0.00
4) Naphthalene-d8	10.602	136	10478	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.457	164	5881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.206	188	11773	0.400	ng/ul	0.00
17) Chrysene-d12	21.410	240	9838	0.400	ng/ul	0.00
23) Perylene-d12	23.751	264	6124	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.198	96	6285m	2.037	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.202	152	5016	0.327	ng/ul	0.00
18) Fluoranthene-d10	19.245	212	12471	0.410	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	7180	2.259	ng/ul#	85
5) Naphthalene	10.651	128	9654	0.300	ng/ul	99
7) 2-Methylnaphthalene	12.274	142	5817	0.298	ng/ul	99
8) 1-Methylnaphthalene	12.494	142	6293	0.322	ng/ul	100
10) Acenaphthylene	14.175	152	7944	0.289	ng/ul	99
11) Acenaphthene	14.517	153	6569	0.289	ng/ul	100
12) Fluorene	15.512	166	7467	0.300	ng/ul	99
14) Pentachlorophenol	16.872	266	1373	0.756	ng/ul	99
15) Phenanthrene	17.248	178	13209	0.314	ng/ul	99
16) Anthracene	17.345	178	10227	0.313	ng/ul	100
19) Fluoranthene	19.277	202	15872	0.365	ng/ul	99
20) Pyrene	19.640	202	16364	0.364	ng/ul	98
21) Benzo(a)anthracene	21.395	228	12103	0.377	ng/ul	99
22) Chrysene	21.448	228	14701	0.348	ng/ul	100
24) Benzo(b)fluoranthene	23.040	252	9306	0.328	ng/ul	98
25) Benzo(k)fluoranthene	23.087	252	9772	0.327	ng/ul	99
26) Benzo(a)pyrene	23.649	252	8441	0.326	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.176	276	9323	0.302	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.189	278	7480	0.307	ng/ul	99
29) Benzo(g,h,i)perylene	26.910	276	8367	0.304	ng/ul	99

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

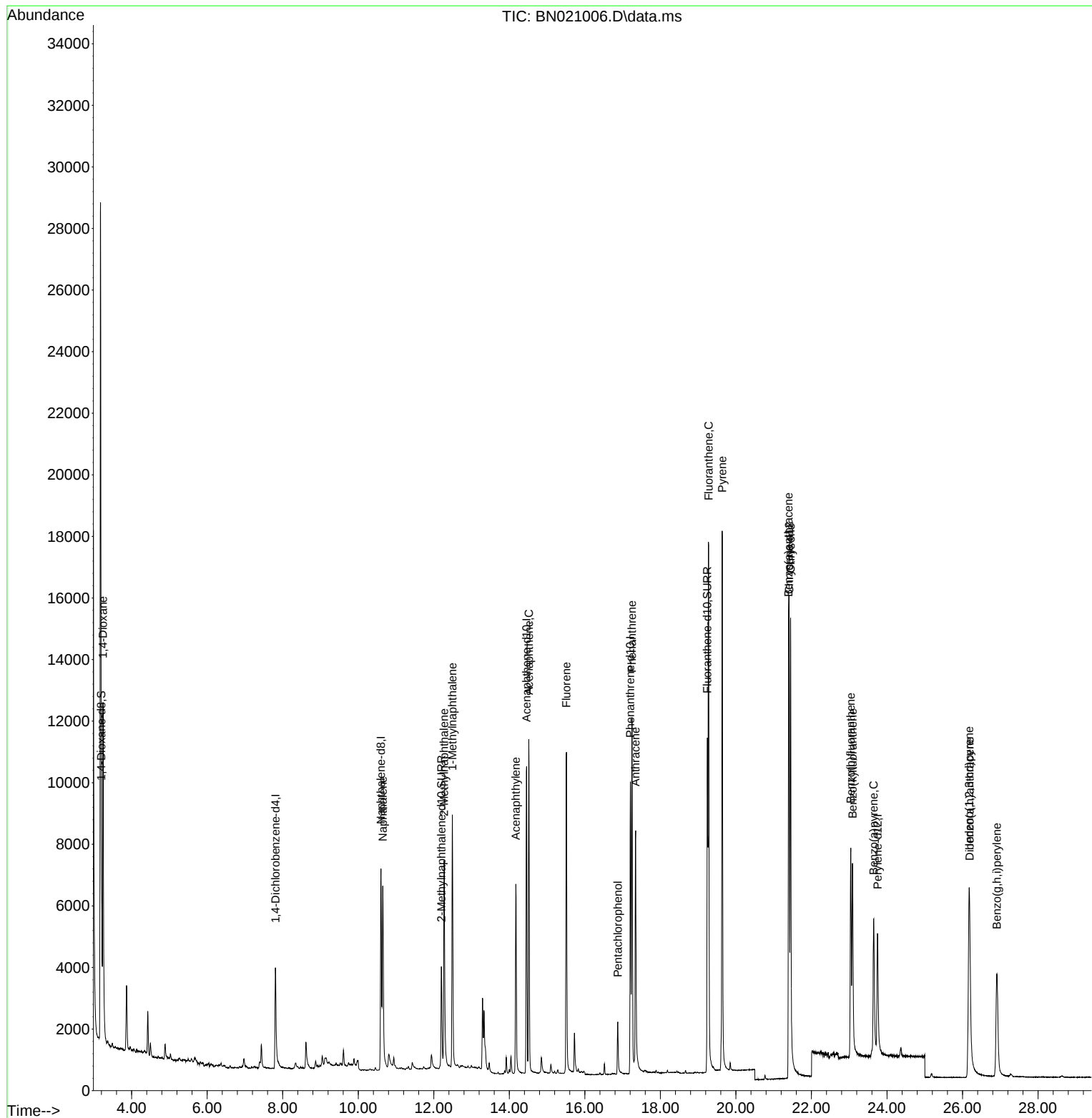
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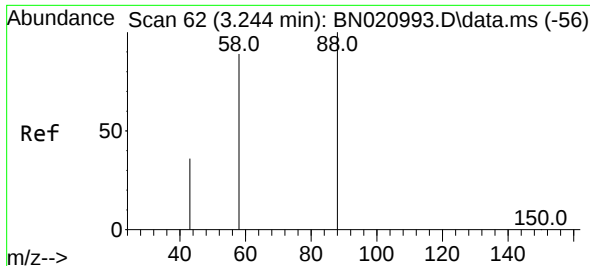
Instrument :
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Quant Time: Aug 05 02:33:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

Manual Integrations
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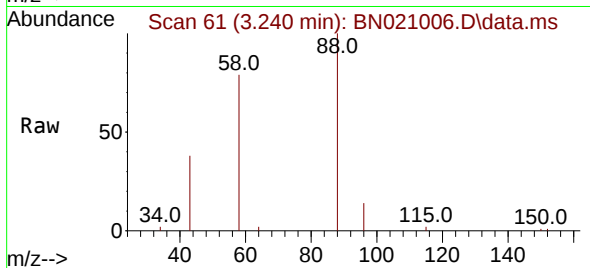
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022





#2
1,4-Dioxane
Concen: 2.259 ng/ul
RT: 3.240 min Scan# 61
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

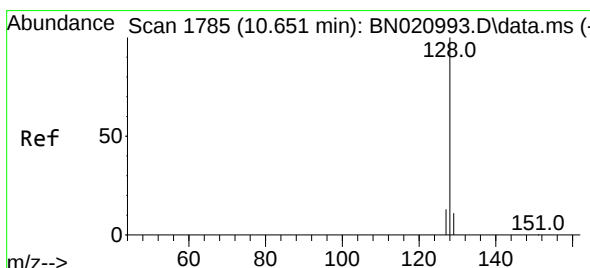
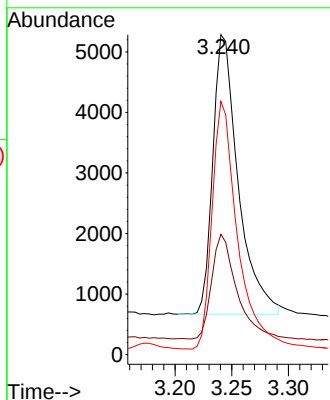
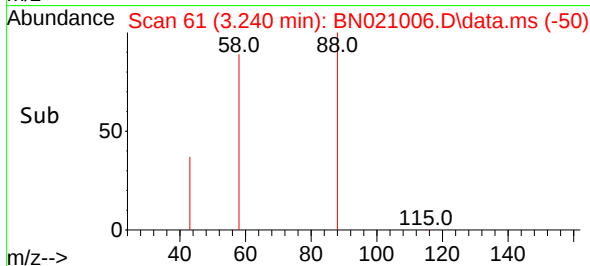
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion: 88 Resp: 7180
Ion Ratio Lower Upper
88 100
43 37.6 31.4 47.0
58 79.2 49.0 73.6

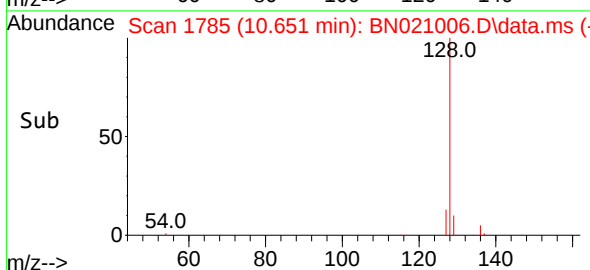
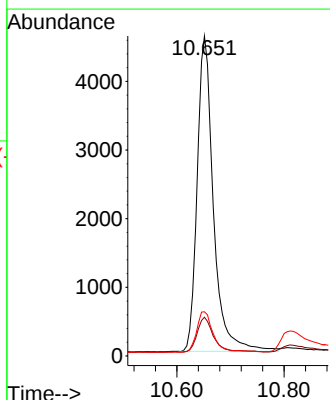
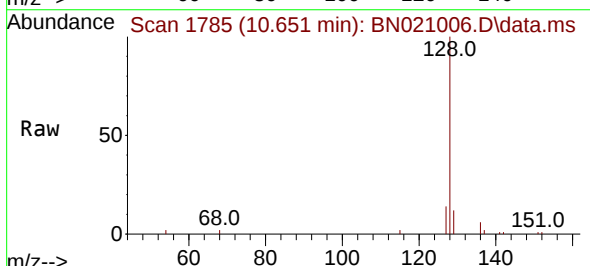
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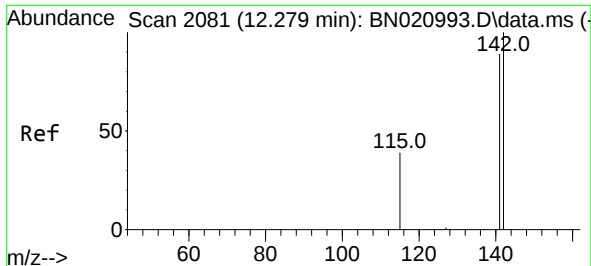
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.651 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

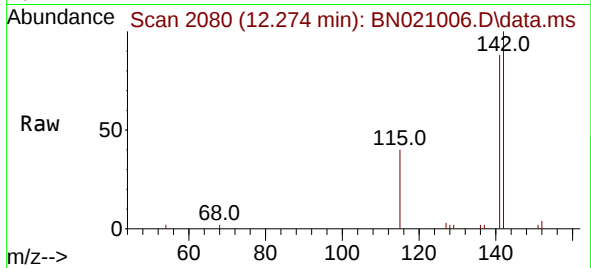
Tgt Ion:128 Resp: 9654
Ion Ratio Lower Upper
128 100
129 12.1 9.8 14.6
127 13.8 11.6 17.4





#7
2-Methylnaphthalene
Concen: 0.298 ng/ul
RT: 12.274 min Scan# 2081
Delta R.T. -0.005 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

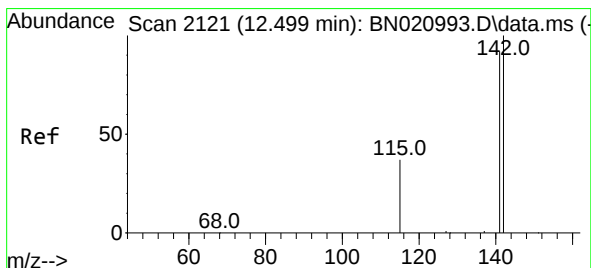
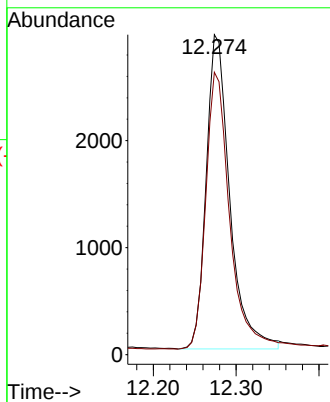
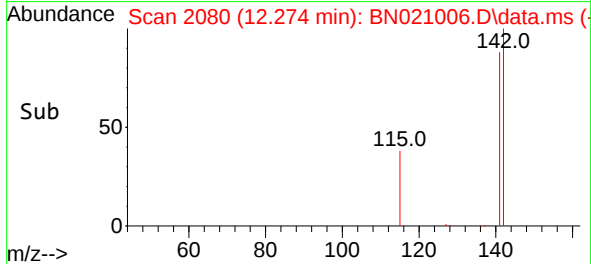
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



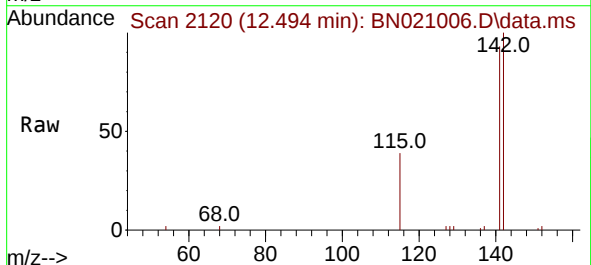
Tgt Ion:142 Resp: 581
Ion Ratio Lower Upper
142 100
141 89.1 72.2 108.2

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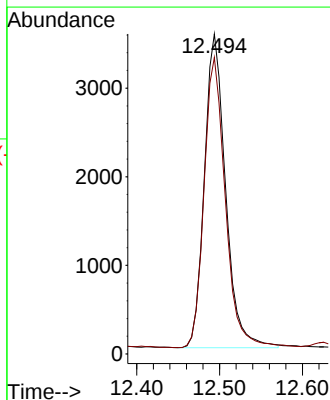
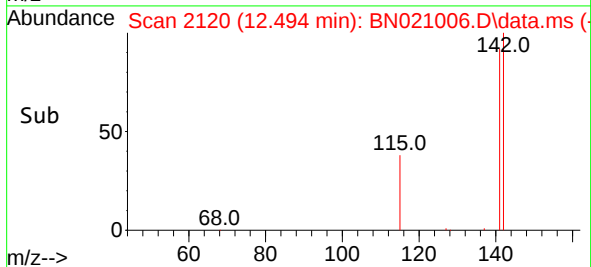
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

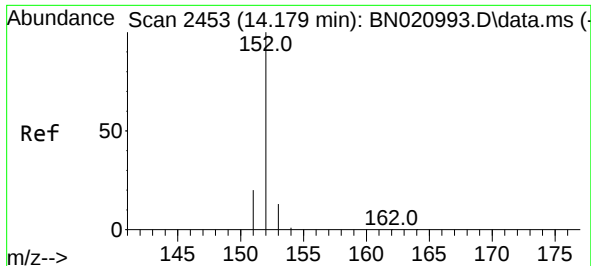


#8
1-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.494 min Scan# 2120
Delta R.T. -0.005 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40



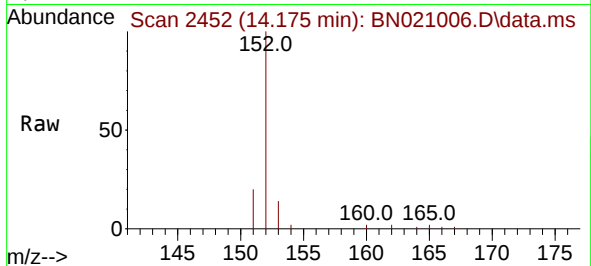
Tgt Ion:142 Resp: 6293
Ion Ratio Lower Upper
142 100
141 92.6 73.9 110.9





#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.175 min Scan# 2453
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

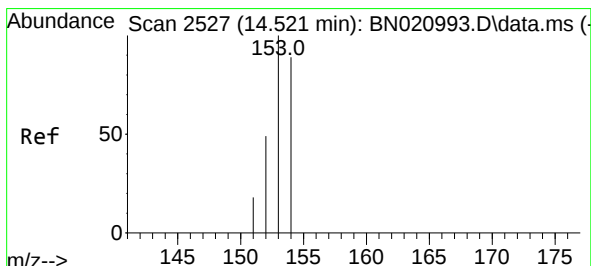
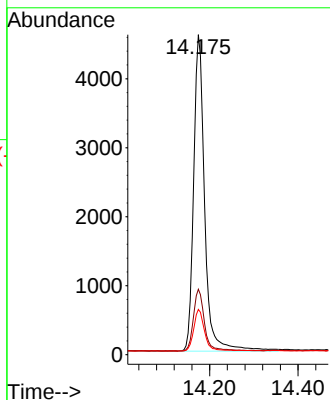
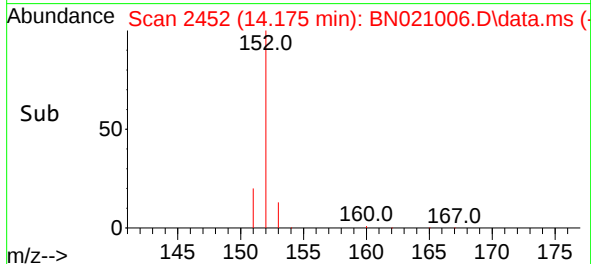
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



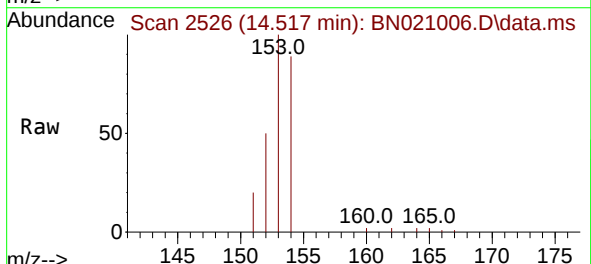
Tgt Ion:152 Resp: 7944
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 14.2 11.2 16.8

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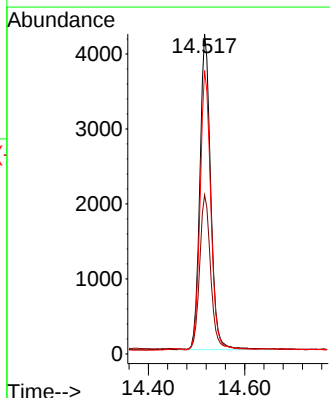
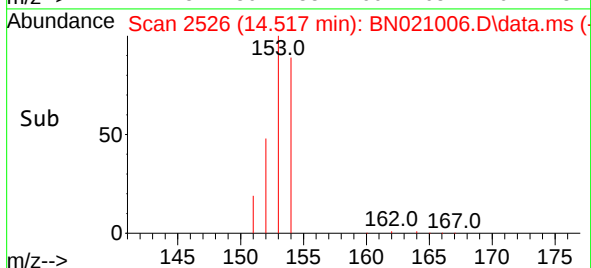
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

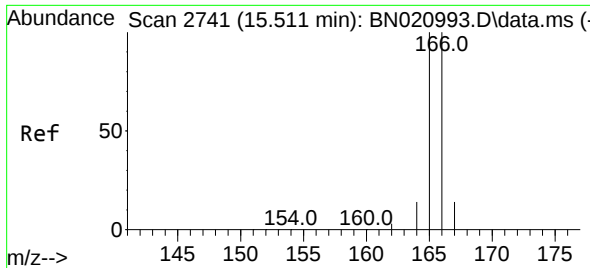


#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.517 min Scan# 2526
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40



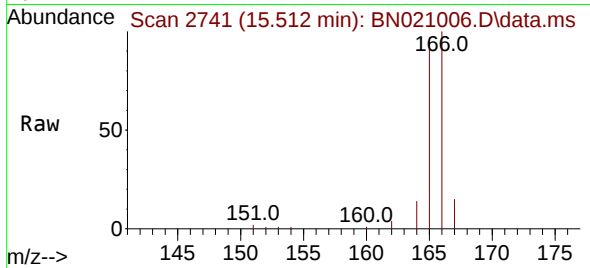
Tgt Ion:153 Resp: 6569
Ion Ratio Lower Upper
153 100
152 49.7 40.2 60.4
154 88.6 70.7 106.1





#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.512 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

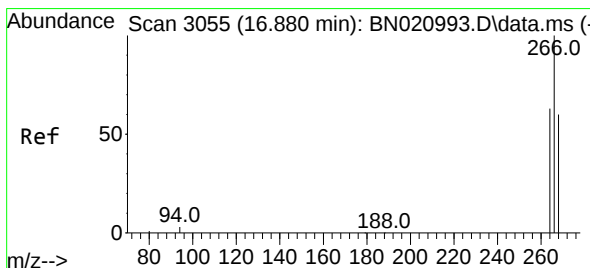
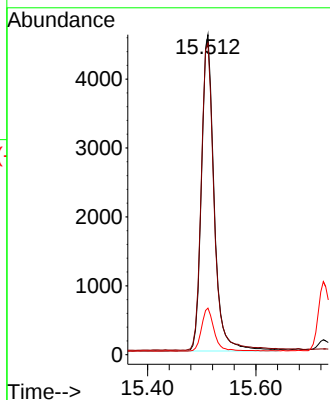
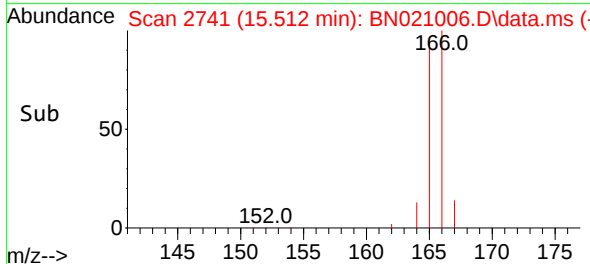
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:166 Resp: 746
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 14.6 11.8 17.6

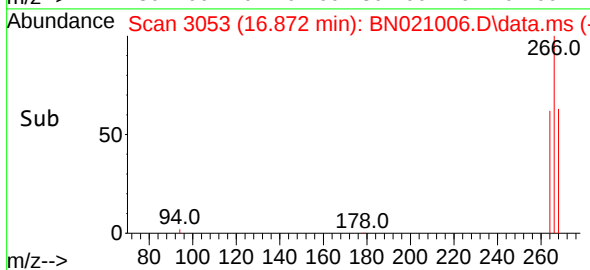
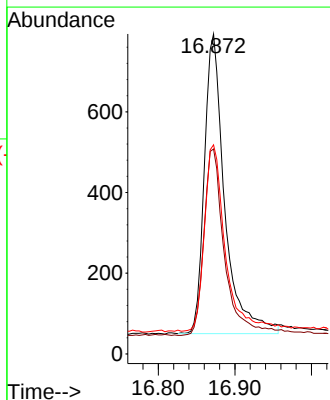
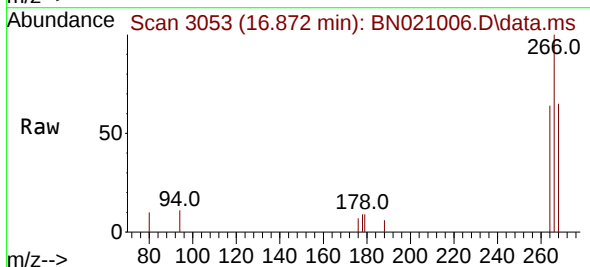
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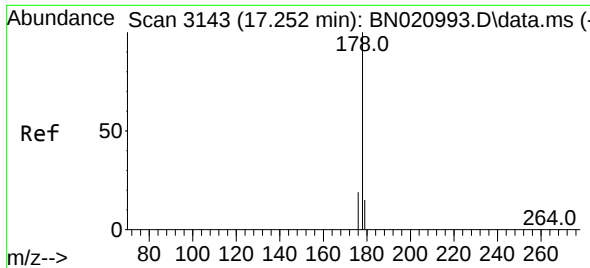
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#14
Pentachlorophenol
Concen: 0.756 ng/ul
RT: 16.872 min Scan# 3053
Delta R.T. -0.008 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

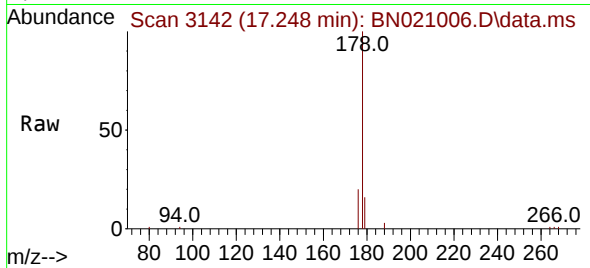
Tgt Ion:266 Resp: 1373
Ion Ratio Lower Upper
266 100
264 63.1 49.8 74.8
268 64.2 50.6 75.8





#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 17.248 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

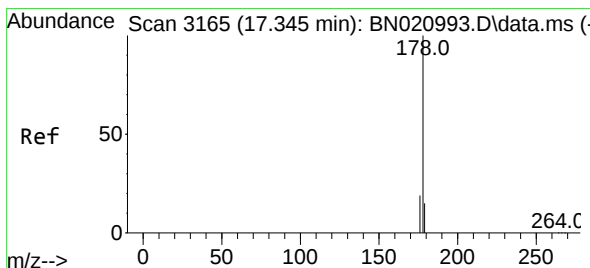
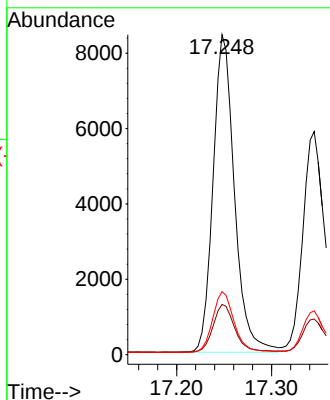
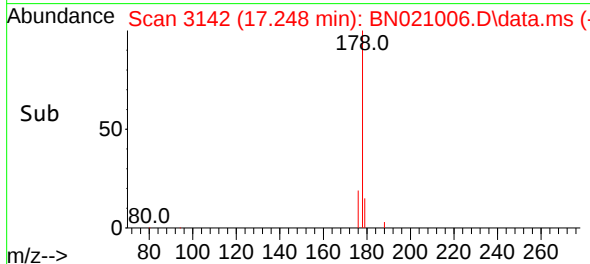
Instrument :
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ClientSampleId :
GBJG8MSD



Tgt Ion:178 Resp: 13209
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 19.7 15.9 23.9

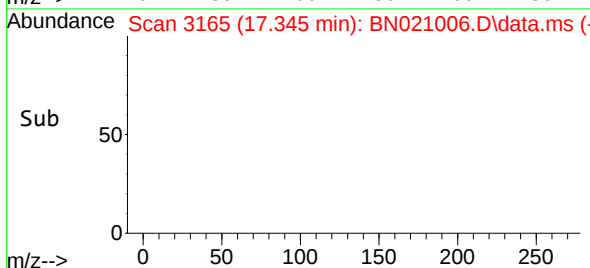
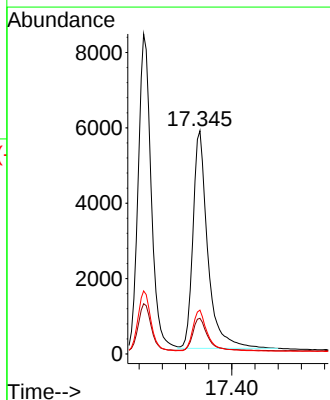
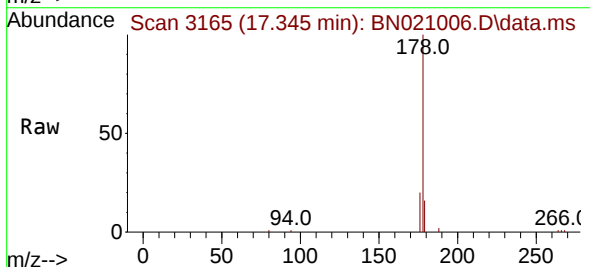
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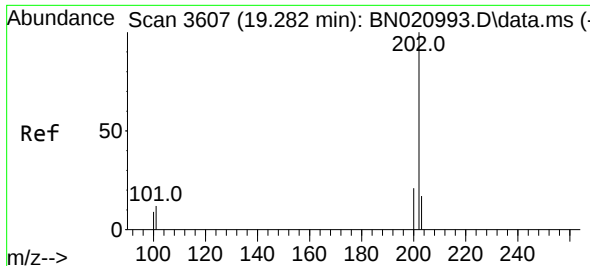
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#16
Anthracene
Concen: 0.313 ng/ul
RT: 17.345 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

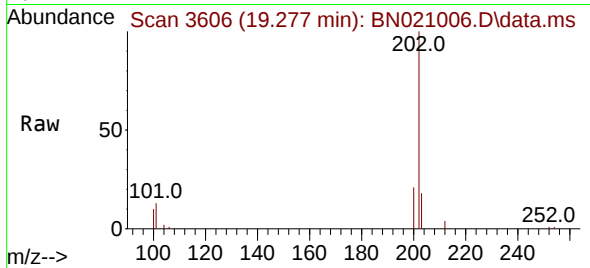
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Ion Ratio Lower Upper
178 100
179 16.0 12.9 19.3
176 19.6 15.9 23.9





#19
Fluoranthene
Concen: 0.365 ng/u1
RT: 19.277 min Scan# 3606
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

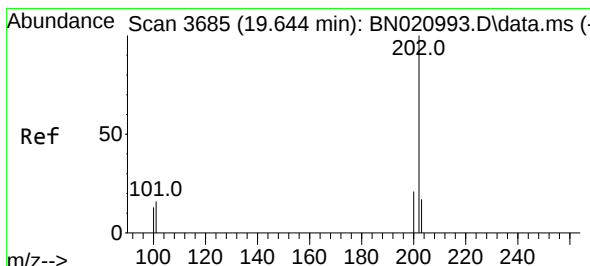
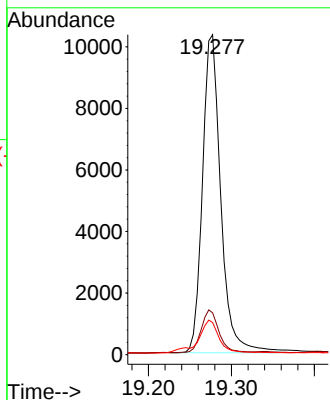
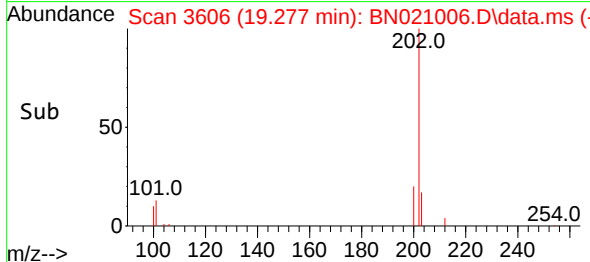
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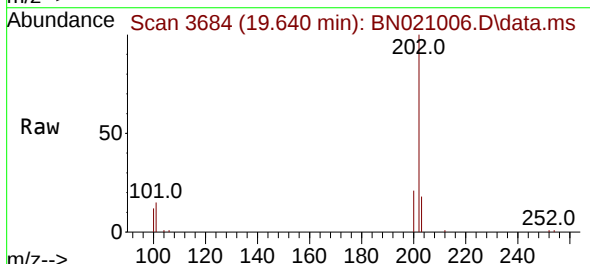
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Ion Ratio Lower Upper
202 100
101 13.1 10.0 15.0
100 10.1 8.0 12.0

Manual Integrations
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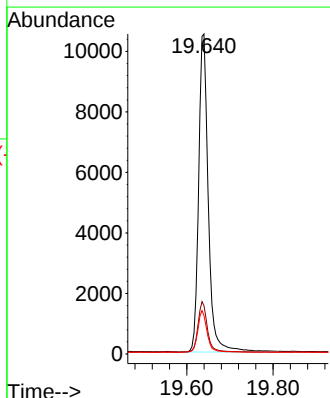
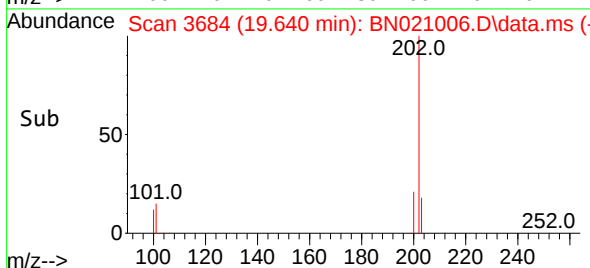
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

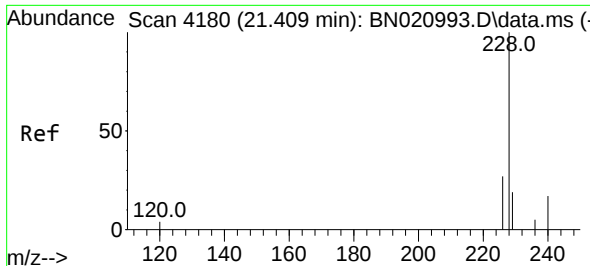


#20
Pyrene
Concen: 0.364 ng/u1
RT: 19.640 min Scan# 3684
Delta R.T. -0.004 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40



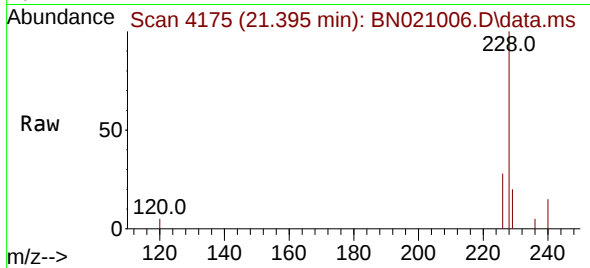
Tgt Ion:202 Resp: 16364
Ion Ratio Lower Upper
202 100
101 15.1 11.3 16.9
100 12.0 9.0 13.4





#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.395 min Scan# 411
Delta R.T. -0.011 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

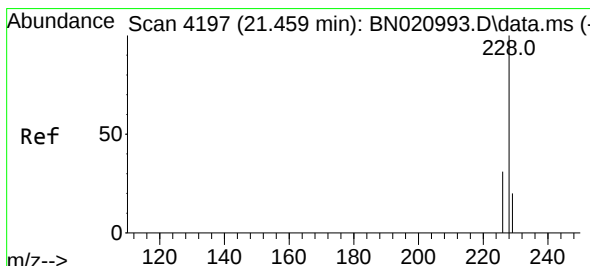
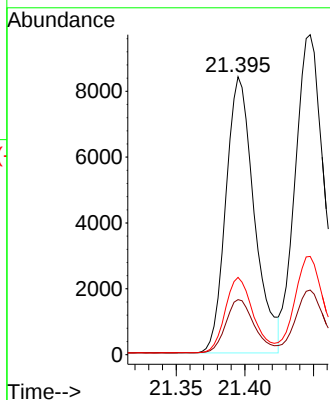
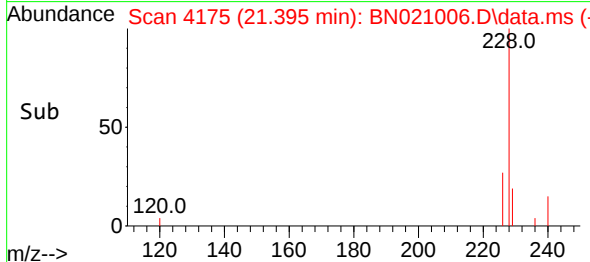
Instrument :
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ClientSampleId :
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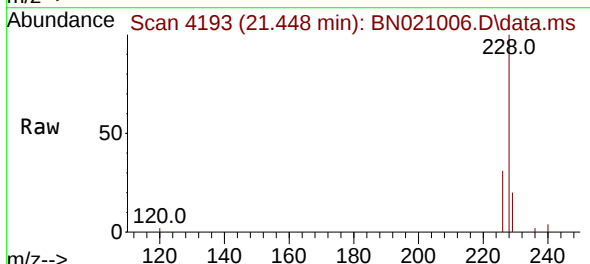
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Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.8 21.9 32.9

Manual Integrations
APPROVED

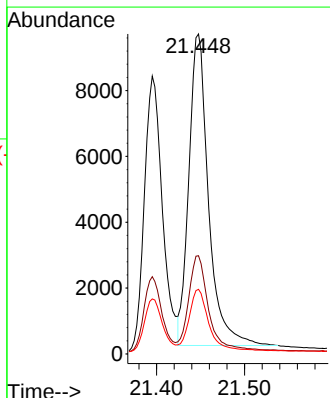
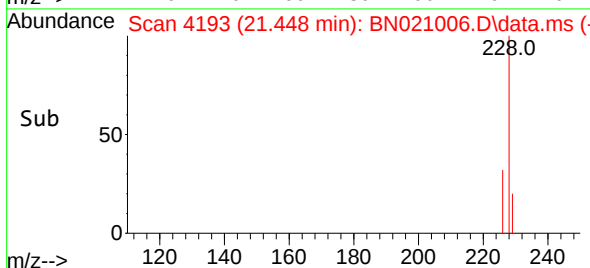
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

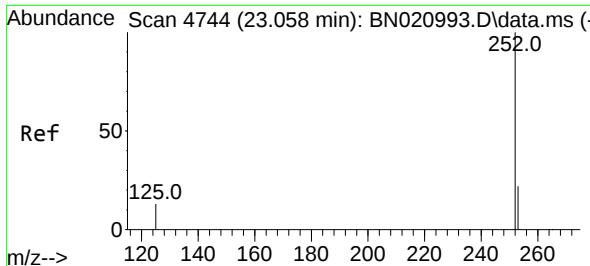


#22
Chrysene
Concen: 0.348 ng/ul
RT: 21.448 min Scan# 4193
Delta R.T. -0.011 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40



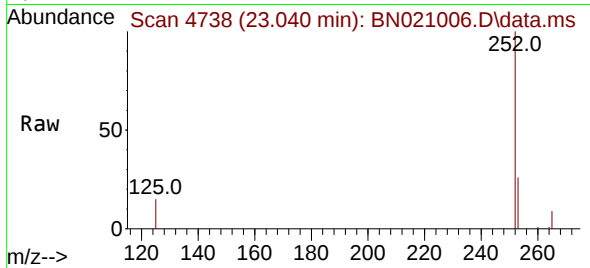
Tgt Ion:228 Resp: 14701
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 20.2 15.8 23.8





#24
Benzo(b)fluoranthene
Concen: 0.328 ng/ul
RT: 23.040 min Scan# 4744
Delta R.T. -0.011 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

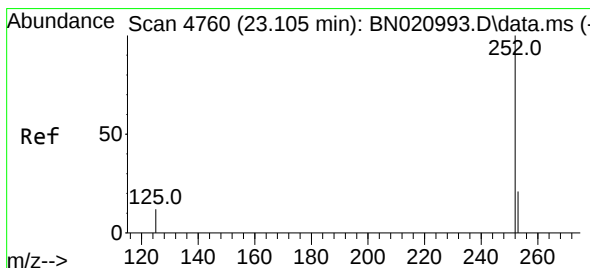
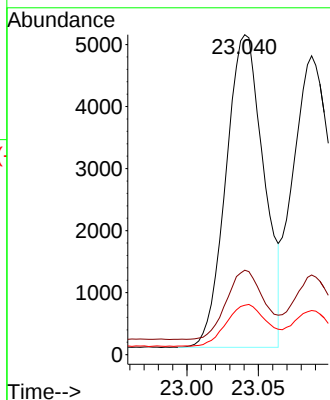
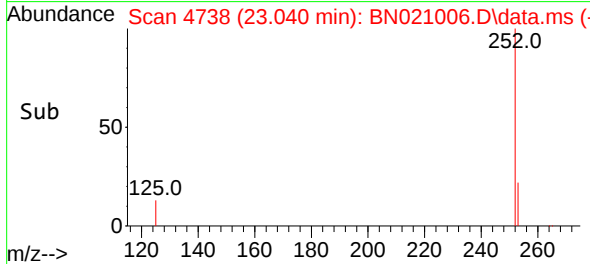
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:252 Resp: 9300
Ion Ratio Lower Upper
252 100
253 26.4 0.0 50.8
125 15.4 0.0 30.0

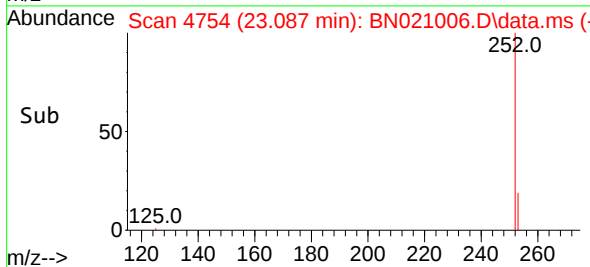
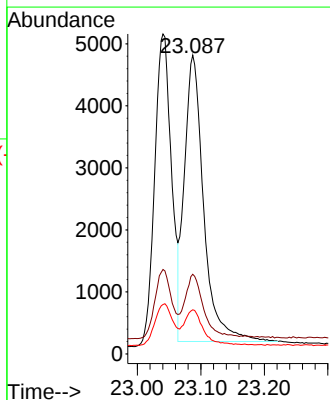
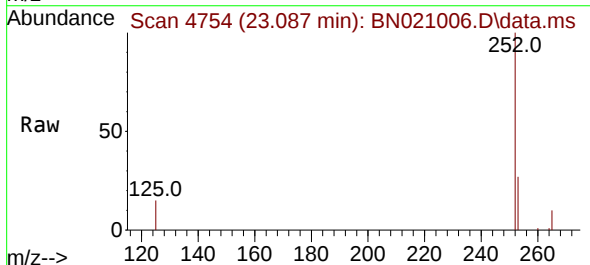
Manual Integrations
APPROVED

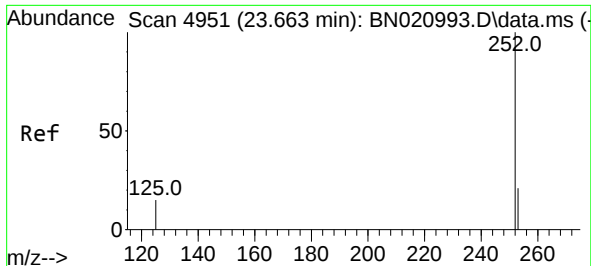
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#25
Benzo(k)fluoranthene
Concen: 0.327 ng/ul
RT: 23.087 min Scan# 4754
Delta R.T. -0.011 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

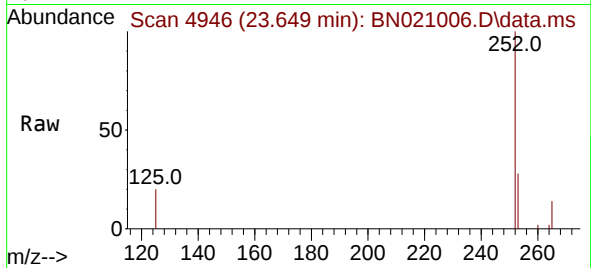
Tgt Ion:252 Resp: 9772
Ion Ratio Lower Upper
252 100
253 26.7 20.6 31.0
125 14.8 11.8 17.6





#26
Benzo(a)pyrene
Concen: 0.326 ng/ul
RT: 23.649 min Scan# 4946
Delta R.T. -0.011 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

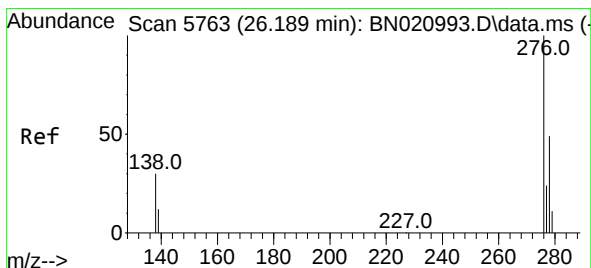
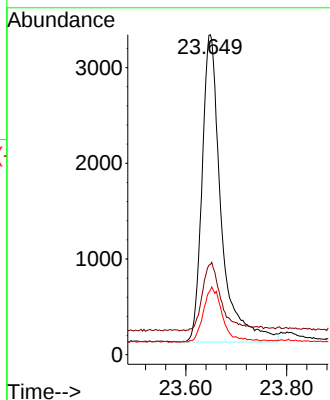
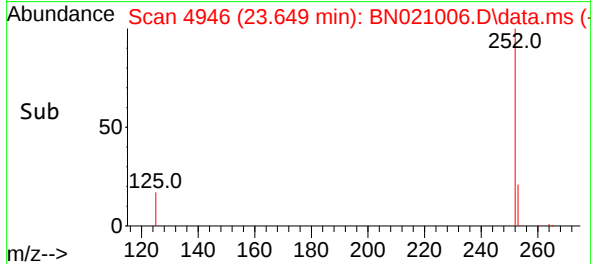
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



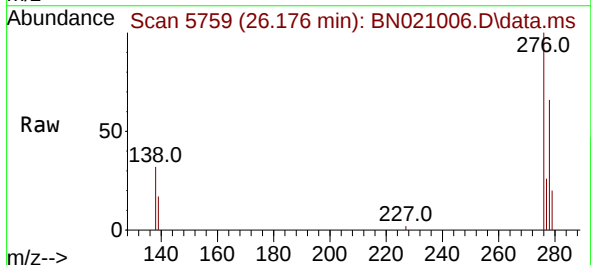
Tgt Ion:252 Resp: 844
Ion Ratio Lower Upper
252 100
253 28.2 22.1 33.1
125 20.2 14.7 22.1

Manual Integrations
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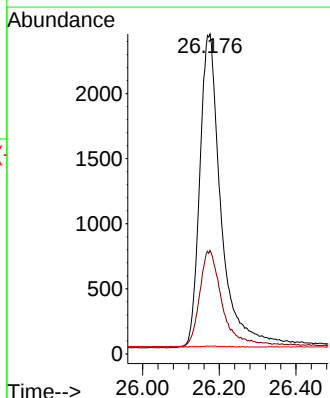
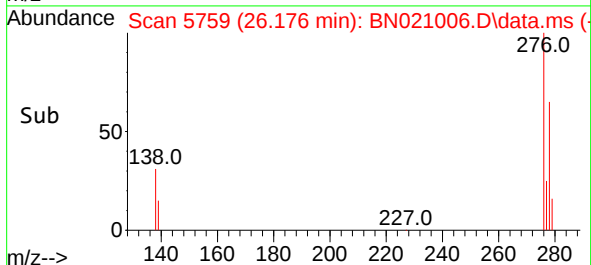
Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022

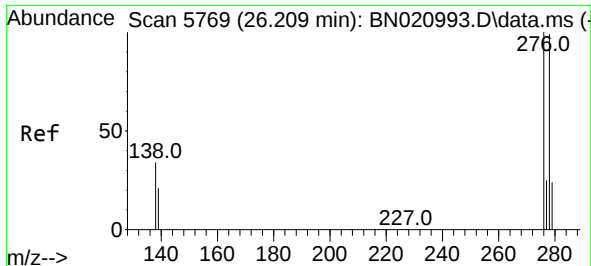


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.302 ng/ul
RT: 26.176 min Scan# 5759
Delta R.T. -0.010 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40



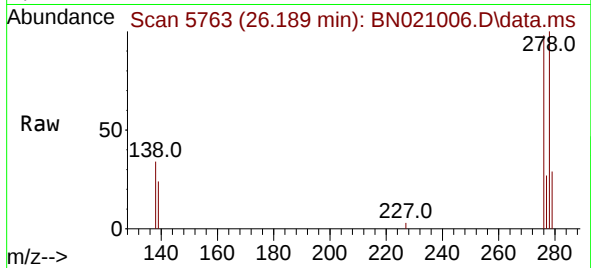
Tgt Ion:276 Resp: 9323
Ion Ratio Lower Upper
276 100
138 32.6 26.1 39.1
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.307 ng/ul
RT: 26.189 min Scan# 51
Delta R.T. -0.020 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

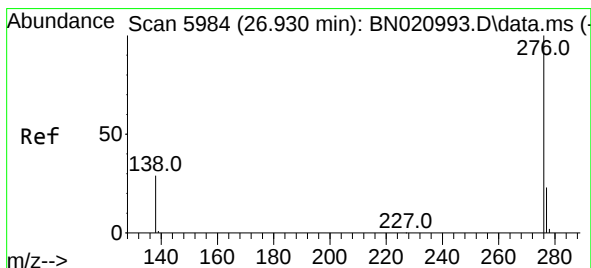
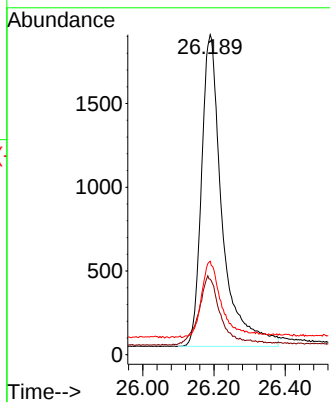
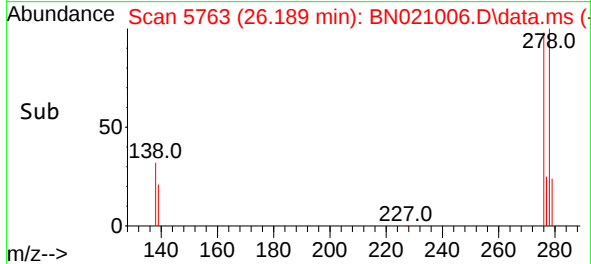
Instrument :
BNA_N
ClientSampleId :
GBJG8MSD



Tgt Ion:278 Resp: 7480
Ion Ratio Lower Upper
278 100
139 23.6 18.3 27.5
279 29.2 23.9 35.9

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
Supervised By :Sohil Jodhani 08/09/2022



#29
Benzo(g,h,i)perylene
Concen: 0.304 ng/ul
RT: 26.910 min Scan# 5978
Delta R.T. -0.020 min
Lab File: BN021006.D
Acq: 05 Aug 2022 01:40

Tgt Ion:276 Resp: 8367
Ion Ratio Lower Upper
276 100
138 28.6 22.6 34.0
277 25.9 20.2 30.2

