

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
 Data File : BN021235.D
 Acq On : 15 Aug 2022 14:20
 Operator : CG/JU
 Sample : N4065-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022

Quant Time: Aug 15 14:46:59 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 : Sat Aug 13 04:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.784	152	2642	0.400	ng/ul	0.00
4) Naphthalene-d8	10.574	136	8694	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.434	164	6030	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.180	188	10741	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.383	240	8821	0.400	ng/ul	#-0.01
23) Perylene-d12	23.710	264	7115	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.190	96	16192	4.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.175	152	4768	0.374	ng/ul	-0.01
18) Fluoranthene-d10	19.217	212	11770	0.432	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.624	128	6348	0.238	ng/ul#	89
7) 2-Methylnaphthalene	12.246	142	1159	0.072	ng/ul	93
8) 1-Methylnaphthalene	12.466	142	10527	0.650	ng/ul	100
10) Acenaphthylene	14.147	152	99265	3.520	ng/ul	97
11) Acenaphthene	14.498	153	2200046	94.333	ng/ul	97
12) Fluorene	15.484	166	911851	35.779	ng/ul	99
14) Pentachlorophenol	16.842	266	104	0.063	ng/ul	96
15) Phenanthrene	17.222	178	22508m	0.586	ng/ul	
16) Anthracene	17.311	178	139907	4.700	ng/ul	99
19) Fluoranthene	19.249	202	538568	13.795	ng/ul	98
20) Pyrene	19.612	202	242028	6.005	ng/ul	99
21) Benzo(a)anthracene	21.369	228	9353	0.325	ng/ul#	91
22) Chrysene	21.418	228	5951	0.157	ng/ul#	75
24) Benzo(b)fluoranthene	23.011	252	986	0.030	ng/ul#	1

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

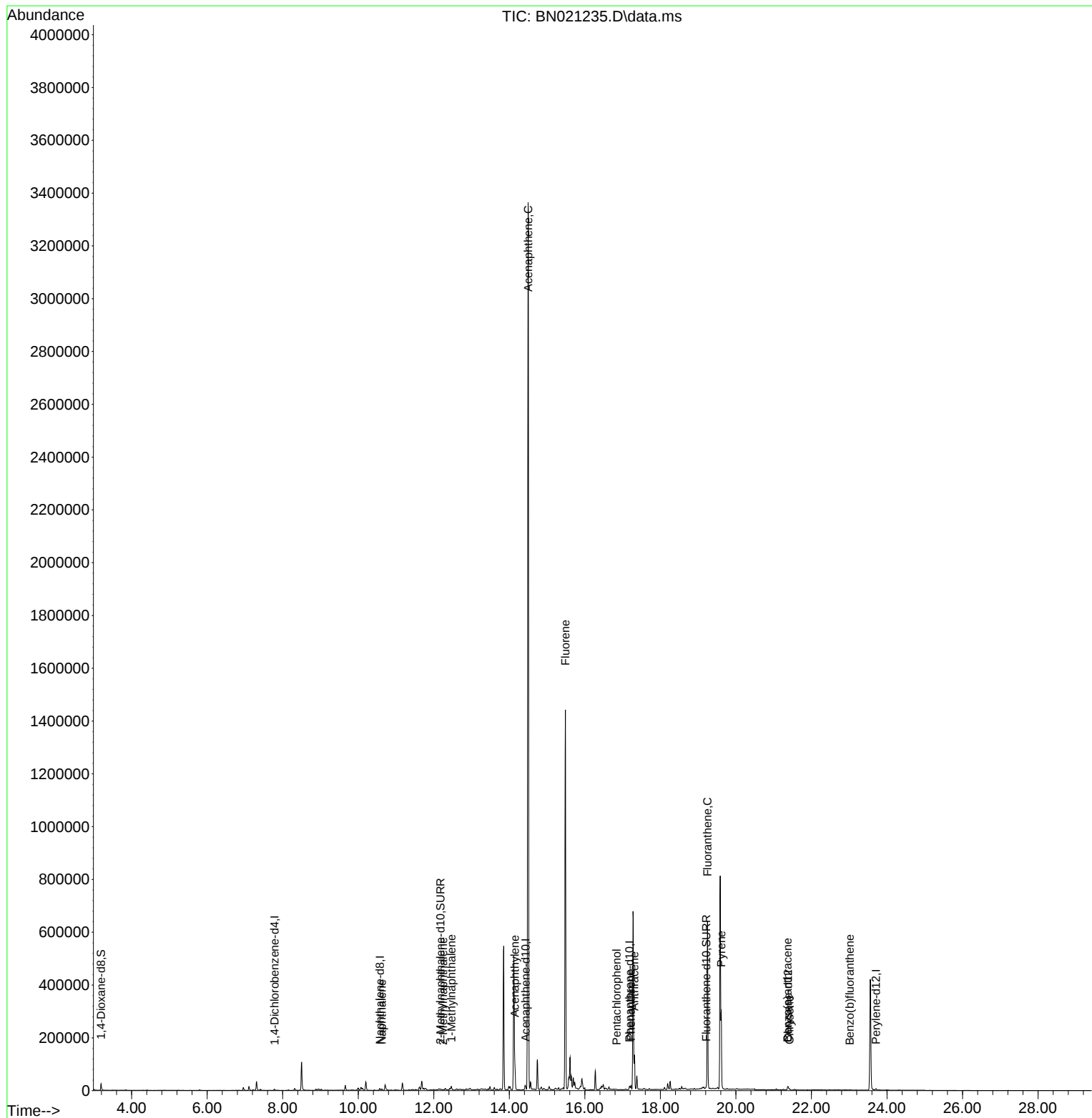
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081522\
Data File : BN021235.D
Acq On : 15 Aug 2022 14:20
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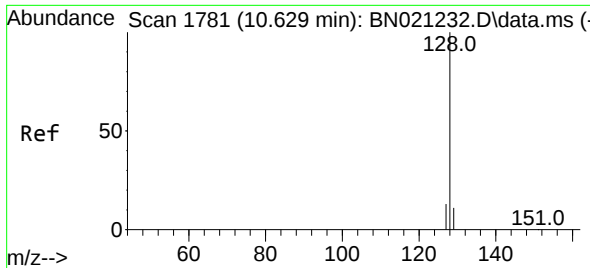
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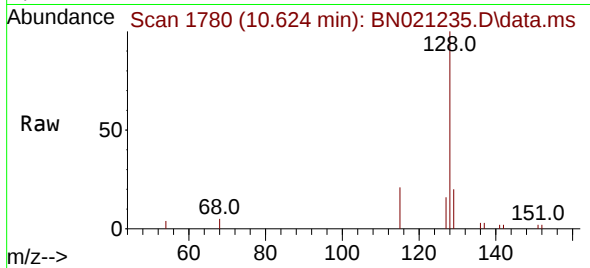
Quant Time: Aug 15 14:46:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 13 04:02:44 2022
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.238 ng/ul
RT: 10.624 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

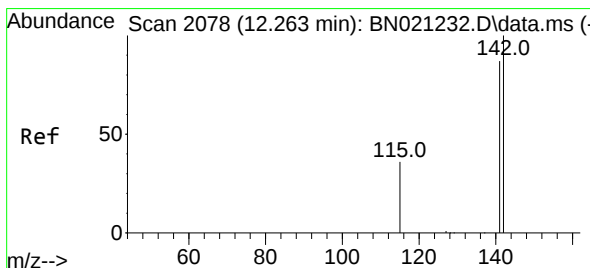
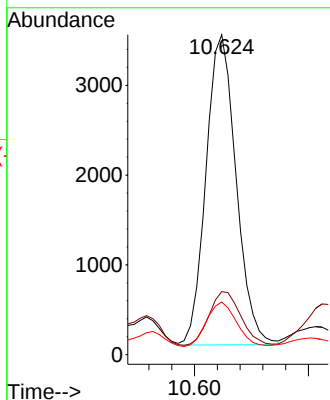
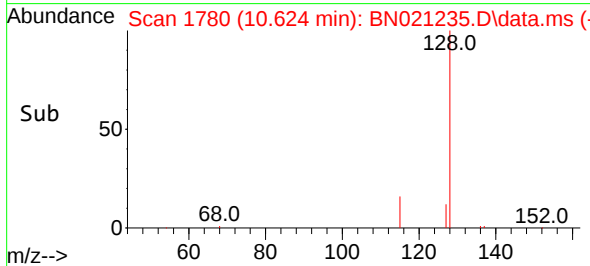
Instrument :
BNA_N
ClientSampleId :
C0AB1



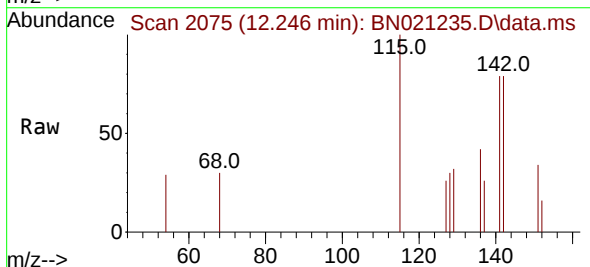
Tgt Ion:128 Resp: 6348
Ion Ratio Lower Upper
128 100
129 19.7 9.8 14.6
127 16.4 11.6 17.4

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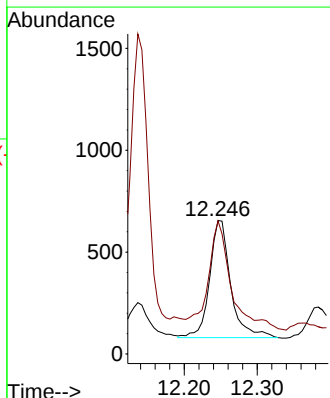
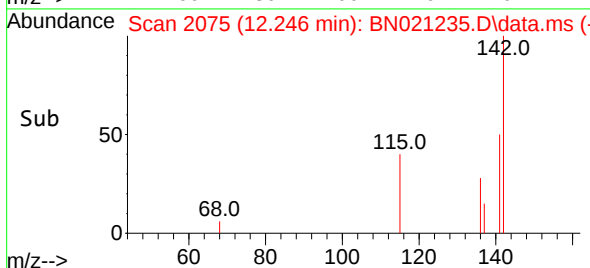
Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022

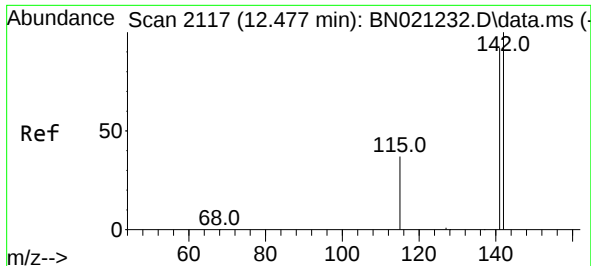


#7
2-Methylnaphthalene
Concen: 0.072 ng/ul
RT: 12.246 min Scan# 2075
Delta R.T. -0.011 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20



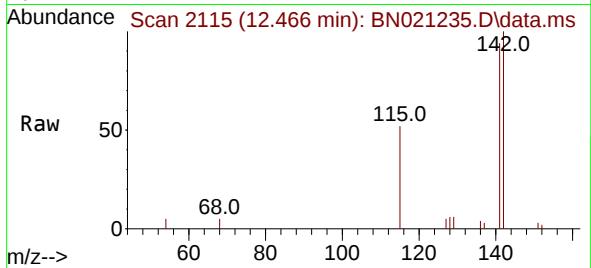
Tgt Ion:142 Resp: 1159
Ion Ratio Lower Upper
142 100
141 97.2 72.2 108.2





#8
1-Methylnaphthalene
Concen: 0.650 ng/ul
RT: 12.466 min Scan# 2115
Delta R.T. -0.011 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

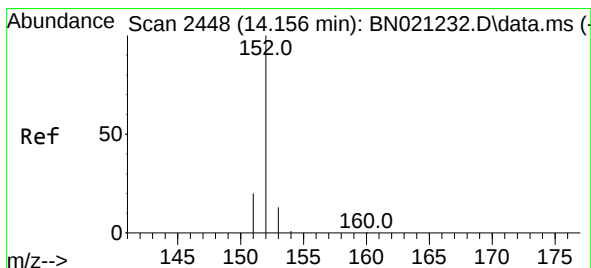
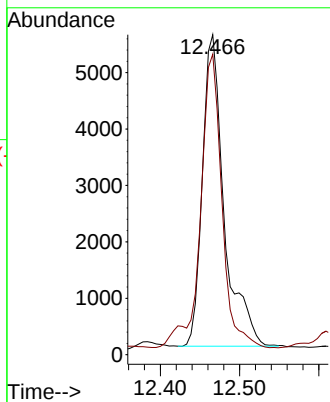
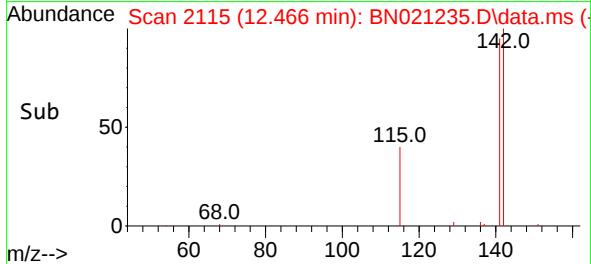
Instrument :
BNA_N
ClientSampleId :
C0AB1



Tgt Ion:142 Resp: 1052
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

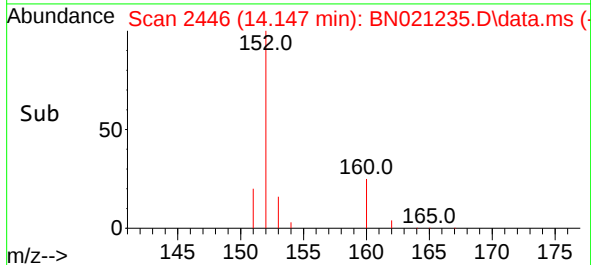
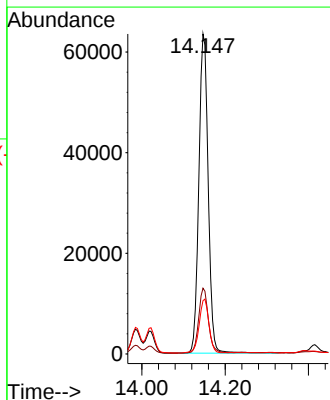
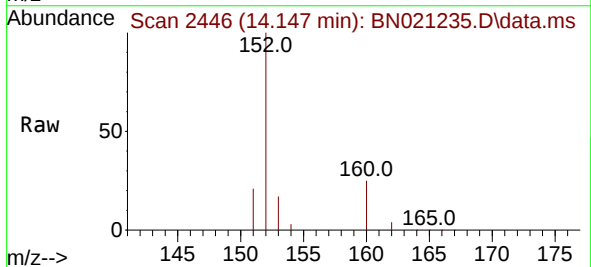
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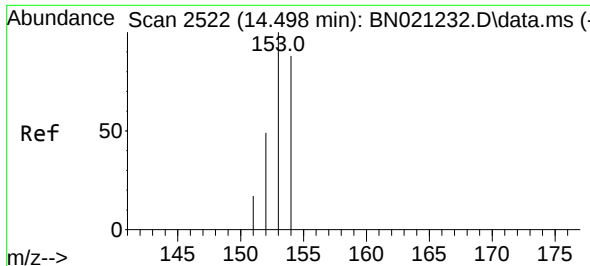
Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022



#10
Acenaphthylene
Concen: 3.520 ng/ul
RT: 14.147 min Scan# 2446
Delta R.T. -0.009 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

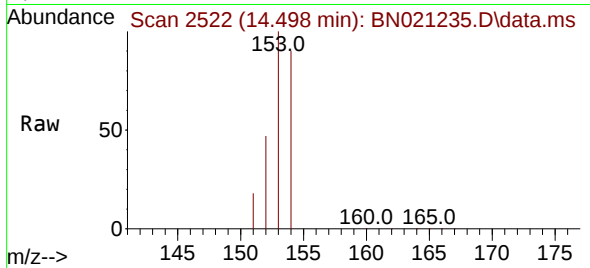
Tgt Ion:152 Resp: 99265
Ion Ratio Lower Upper
152 100
151 20.6 16.9 25.3
153 16.6 11.2 16.8





#11
Acenaphthene
Concen: 94.333 ng/ul
RT: 14.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

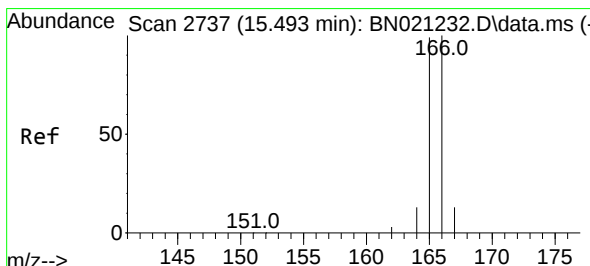
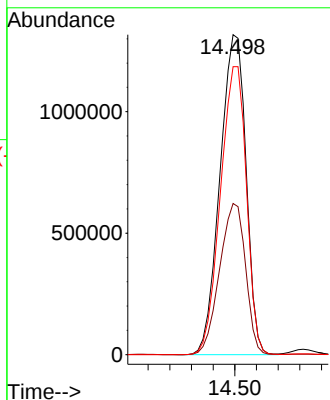
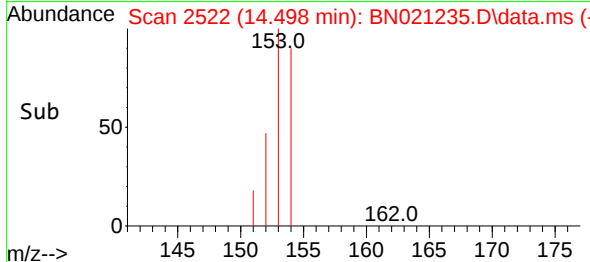
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 2200040
Ion Ratio Lower Upper
153 100
152 47.2 40.2 60.4
154 90.0 70.7 106.1

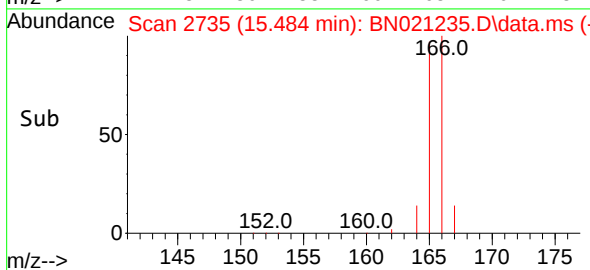
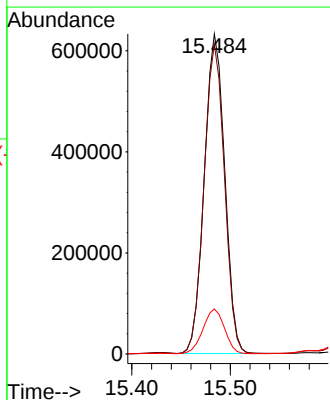
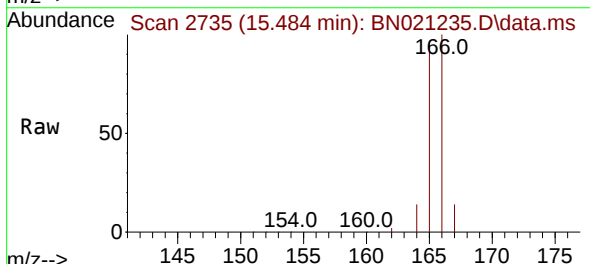
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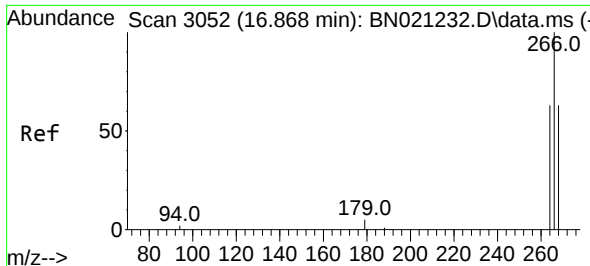
Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022



#12
Fluorene
Concen: 35.779 ng/ul
RT: 15.484 min Scan# 2735
Delta R.T. -0.009 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

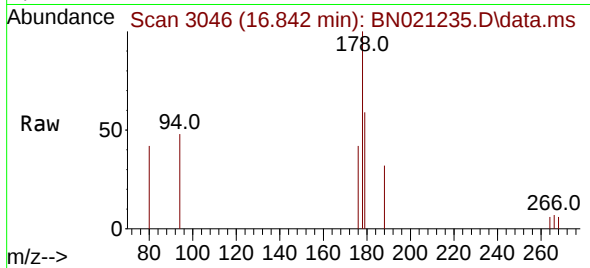
Tgt Ion:166 Resp: 911851
Ion Ratio Lower Upper
166 100
165 96.8 78.6 117.8
167 14.1 11.8 17.6





#14
Pentachlorophenol
Concen: 0.063 ng/ul
RT: 16.842 min Scan# 3052
Delta R.T. -0.021 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

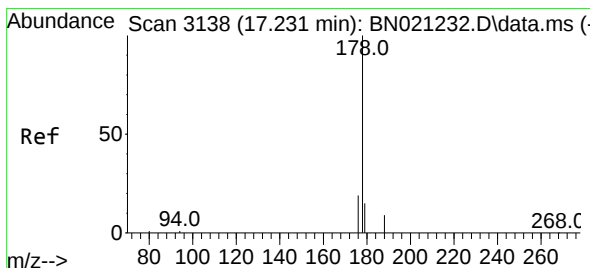
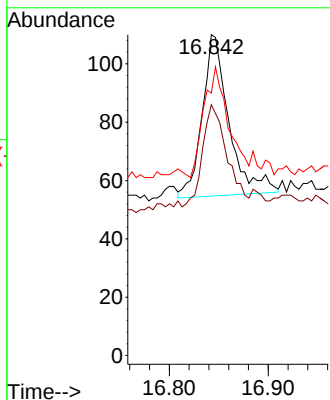
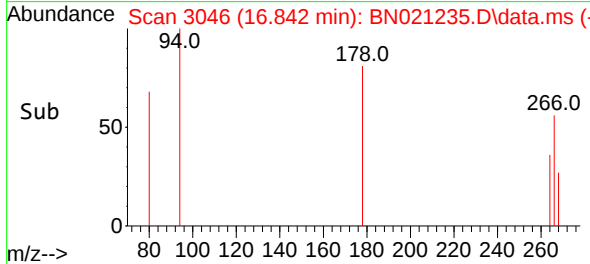
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ClientSampleId :
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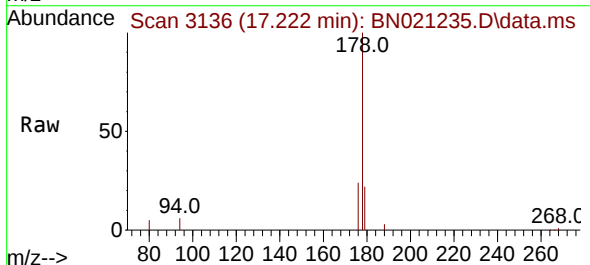
Tgt Ion:266 Resp: 104
Ion Ratio Lower Upper
266 100
264 59.6 49.8 74.8
268 67.3 50.6 75.8

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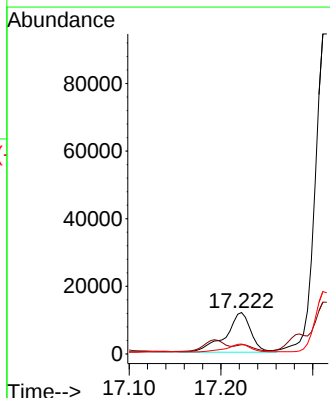
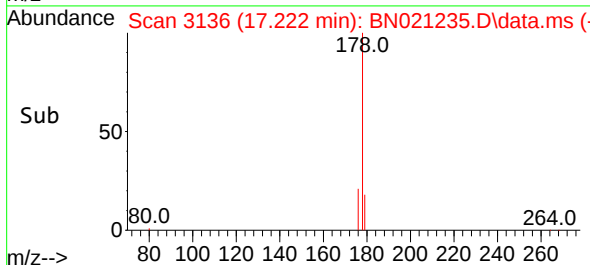
Reviewed By :Jagrut Upadhyay 08/16/2022
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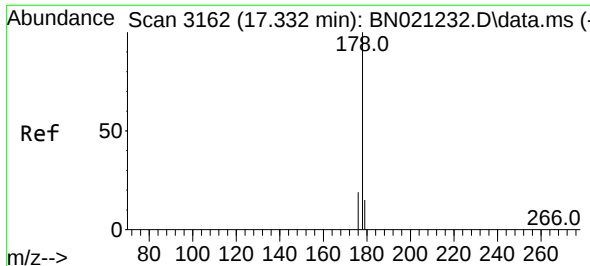


#15
Phenanthrene
Concen: 0.586 ng/ul m
RT: 17.222 min Scan# 3136
Delta R.T. -0.008 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20



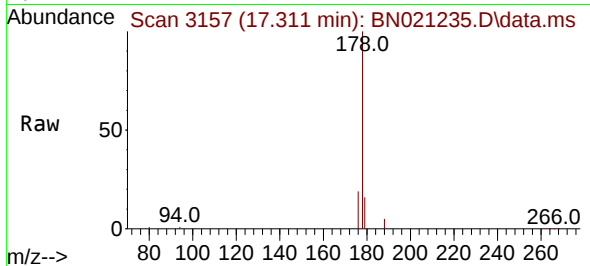
Tgt Ion:178 Resp: 22508
Ion Ratio Lower Upper
178 100
179 22.4 12.8 19.2#
176 24.1 15.9 23.9#





#16
 Anthracene
 Concen: 4.700 ng/ul
 RT: 17.311 min Scan# 3162
 Delta R.T. -0.017 min
 Lab File: BN021235.D
 Acq: 15 Aug 2022 14:20

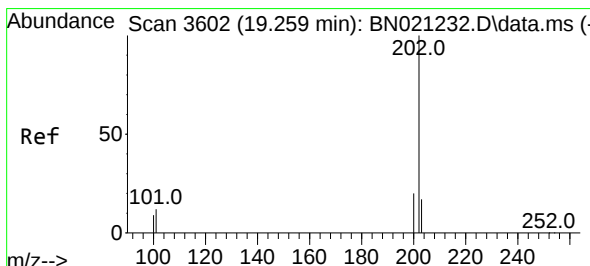
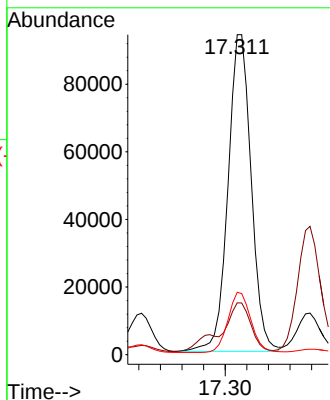
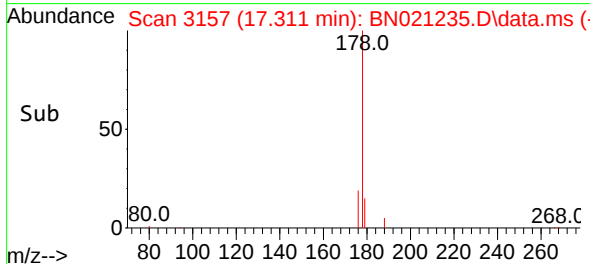
Instrument :
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Tgt Ion:178 Resp: 139907
 Ion Ratio Lower Upper
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 179 16.2 12.9 19.3
 176 19.5 15.9 23.9

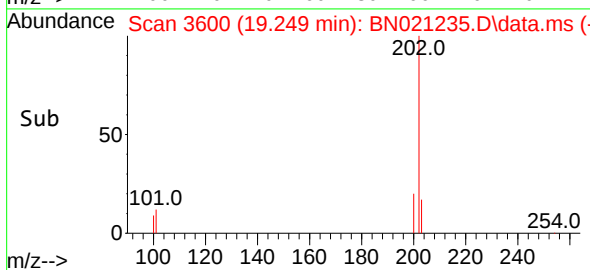
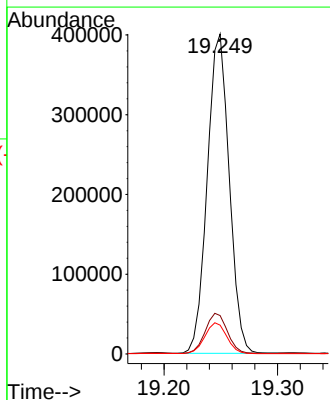
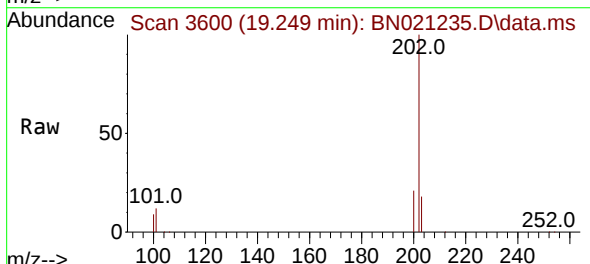
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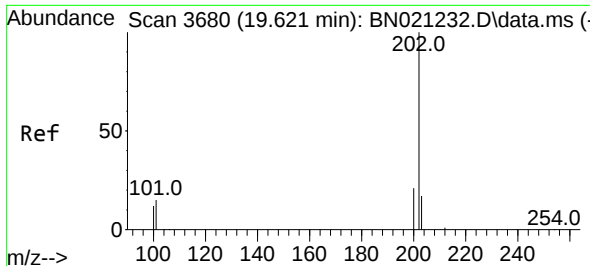
Reviewed By :Jagrut Upadhyay 08/16/2022
 Supervised By :Sohil Jodhani 08/16/2022



#19
 Fluoranthene
 Concen: 13.795 ng/ul
 RT: 19.249 min Scan# 3600
 Delta R.T. -0.009 min
 Lab File: BN021235.D
 Acq: 15 Aug 2022 14:20

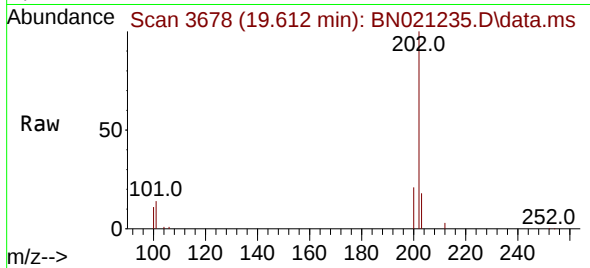
Tgt Ion:202 Resp: 538568
 Ion Ratio Lower Upper
 202 100
 101 12.0 10.0 15.0
 100 9.0 8.0 12.0





#20
Pyrene
Concen: 6.005 ng/u1
RT: 19.612 min Scan# 30
Delta R.T. -0.009 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

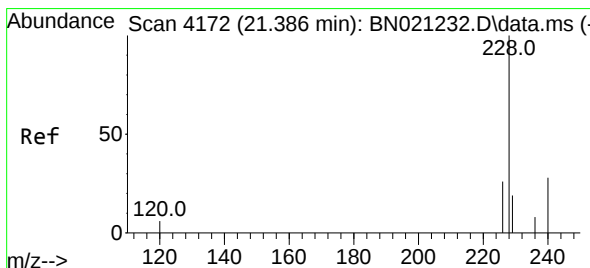
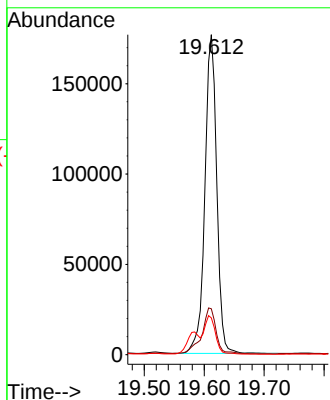
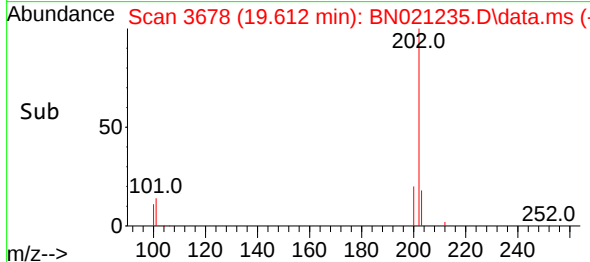
Instrument :
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Tgt Ion:202 Resp: 242028
Ion Ratio Lower Upper
202 100
101 14.4 11.3 16.9
100 11.5 9.0 13.4

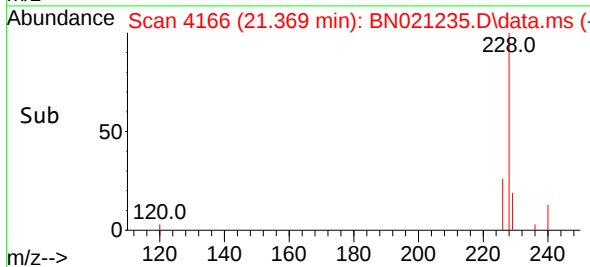
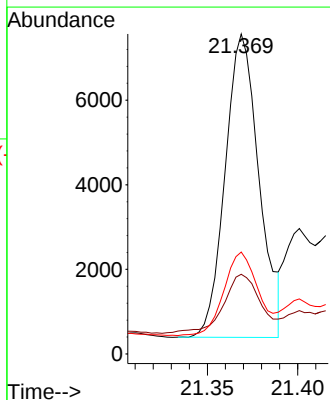
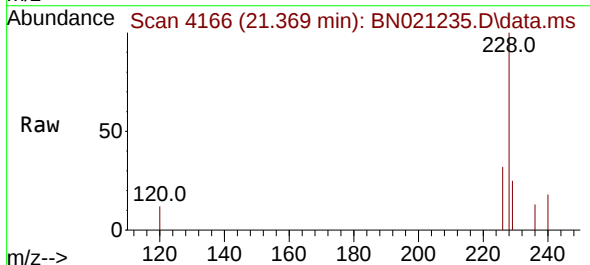
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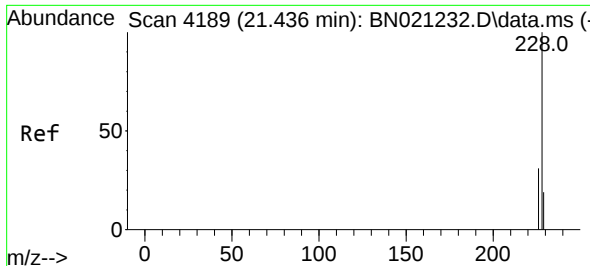
Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022



#21
Benzo(a)anthracene
Concen: 0.325 ng/u1
RT: 21.369 min Scan# 4166
Delta R.T. -0.011 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

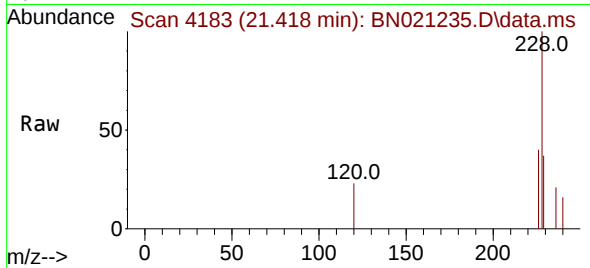
Tgt Ion:228 Resp: 9353
Ion Ratio Lower Upper
228 100
229 24.9 16.0 24.0#
226 31.9 21.9 32.9





#22
Chrysene
Concen: 0.157 ng/ul
RT: 21.418 min Scan# 4189
Delta R.T. -0.011 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20

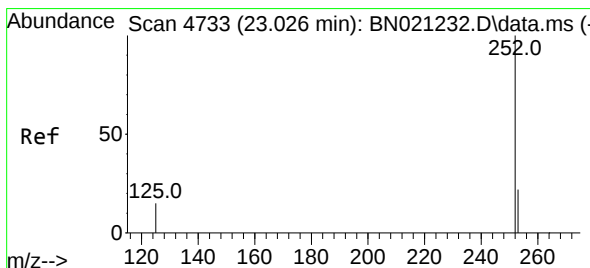
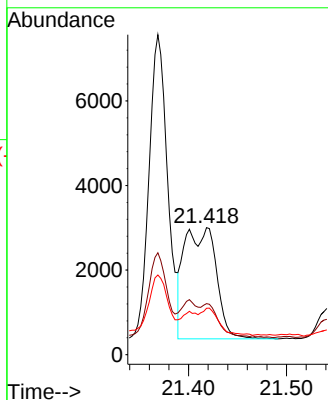
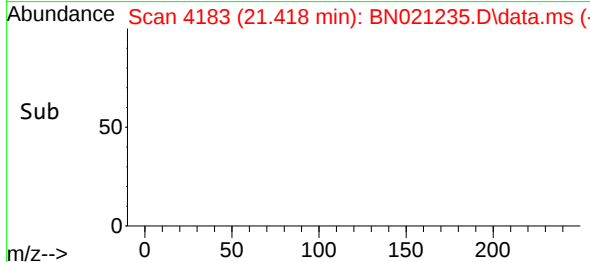
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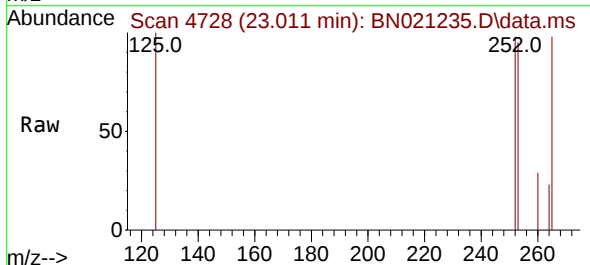
Tgt Ion:228 Resp: 595
Ion Ratio Lower Upper
228 100
226 40.1 24.6 37.0#
229 36.5 15.8 23.8#

Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/16/2022
Supervised By :Sohil Jodhani 08/16/2022



#24
Benzo(b)fluoranthene
Concen: 0.030 ng/ul
RT: 23.011 min Scan# 4728
Delta R.T. -0.006 min
Lab File: BN021235.D
Acq: 15 Aug 2022 14:20



Tgt Ion:252 Resp: 986
Ion Ratio Lower Upper
252 100
253 96.8 0.0 50.8#
125 102.2 0.0 30.0#

