

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015452.D
 Acq On : 09 Jul 2021 18:49
 Operator : CG/JU
 Sample : M2854-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD3

Manual Integrations
 APPROVED

mohammad
 7/12/2021 9:33:02 AM

Quant Time: Jul 10 00:28:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	2524	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	8884	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.340	164	4696	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	9426	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	7950	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	7193	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	6360	2.236	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	2575	0.185	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	5280	0.202	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	3311	0.117	ng/ul#	94
7) 2-Methylnaphthalene	12.146	142	443	0.024	ng/ul	99
10) Acenaphthylene	14.053	152	3418	0.141	ng/ul	96
11) Acenaphthene	14.400	153	1228	0.066	ng/ul	96
12) Fluorene	15.390	166	2171	0.106	ng/ul#	97
15) Phenanthrene	17.124	178	25945	0.758	ng/ul	100
16) Anthracene	17.217	178	12584	0.417	ng/ul	100
19) Fluoranthene	19.150	202	74304	2.023	ng/ul	100
20) Pyrene	19.512	202	47770	1.297	ng/ul	100
21) Benzo(a)anthracene	21.266	228	33511	1.138	ng/ul	97
22) Chrysene	21.319	228	27940	0.793	ng/ul	99
24) Benzo(b)fluoranthene	22.850	252	29344m	0.873	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	12913m	0.340	ng/ul	
26) Benzo(a)pyrene	23.426	252	12031	0.426	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.766	276	8582	0.252	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.773	278	3452	0.129	ng/ul#	85

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

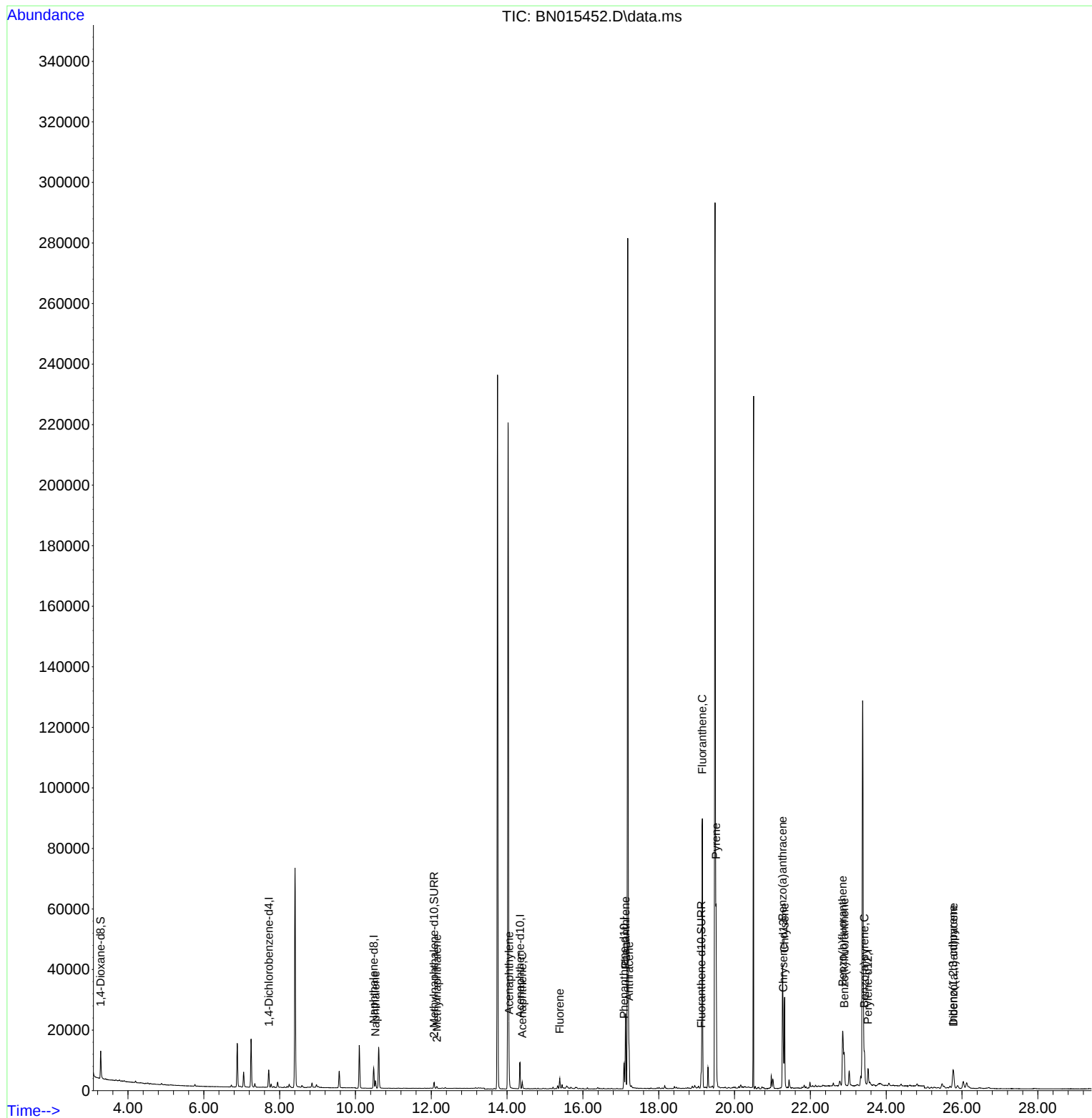
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015452.D
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Operator : CG/JU
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ALS Vial : 5 Sample Multiplier: 1

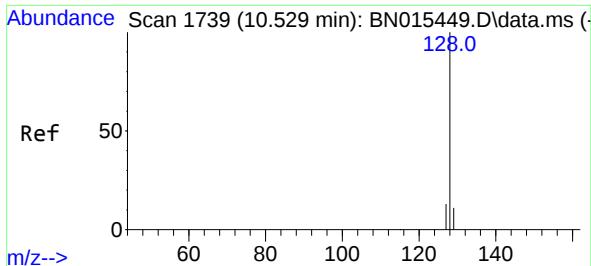
Instrument :
BNA_N
ClientSampleId :
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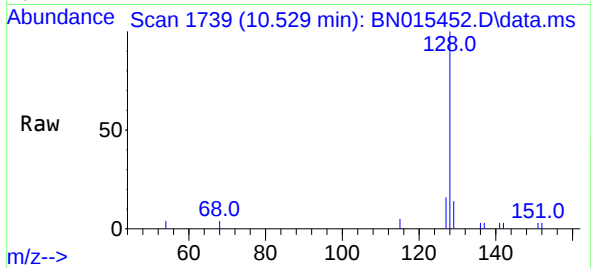
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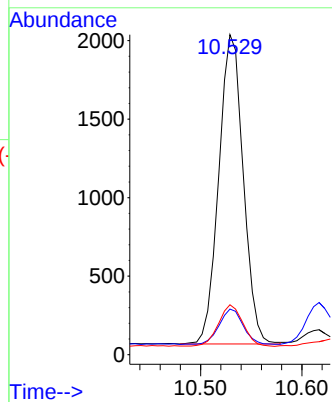
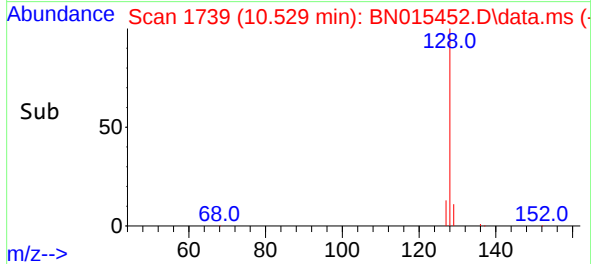




#5
Naphthalene
Concen: 0.117 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



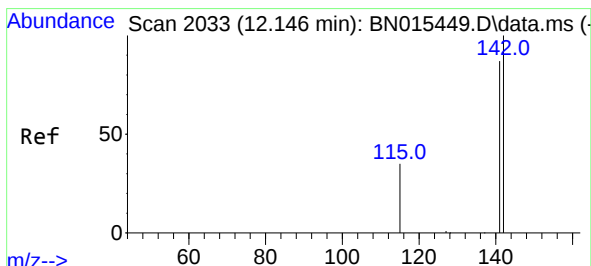
Tgt Ion:128 Resp: 3311
Ion Ratio Lower Upper
128 100
129 14.3 9.3 13.9#
127 15.6 10.8 16.2



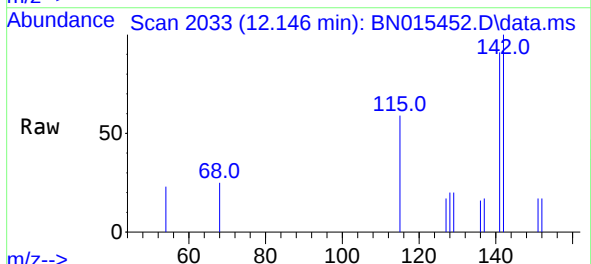
Instrument :
BNA_N
ClientSampleId :
BGDT3

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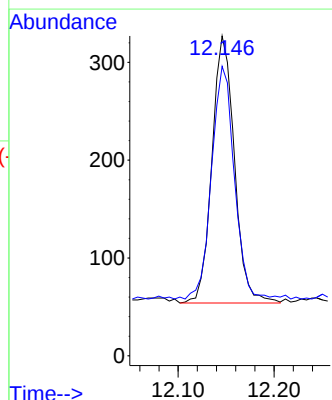
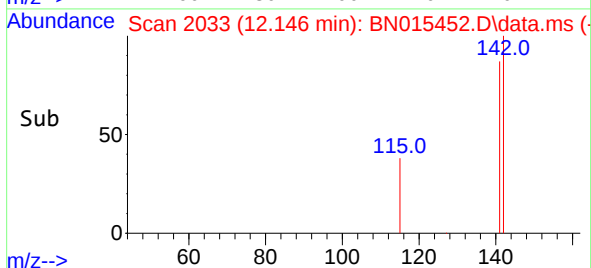
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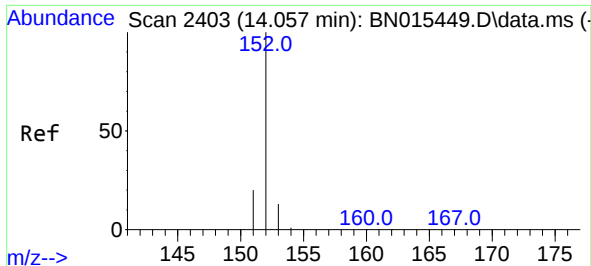


#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

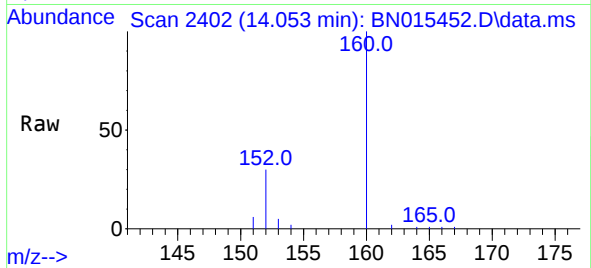


Tgt Ion:142 Resp: 443
Ion Ratio Lower Upper
142 100
141 88.9 70.3 105.5

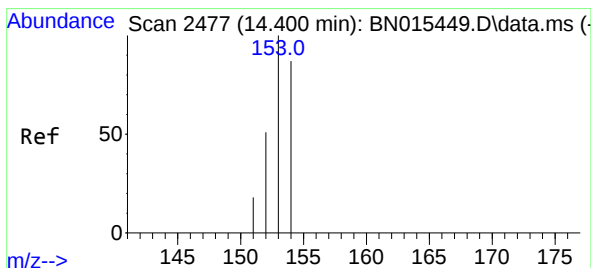
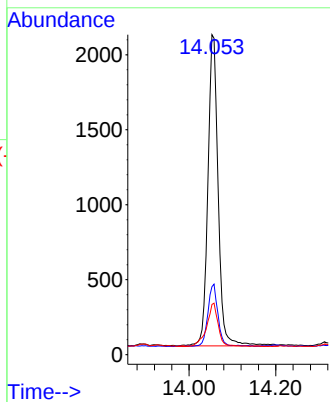
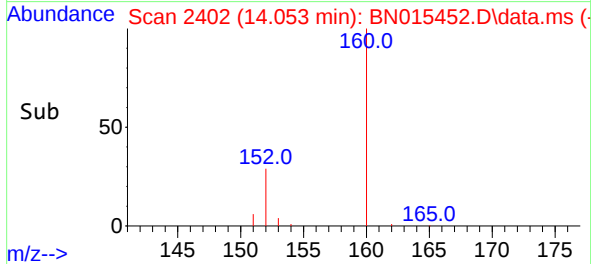




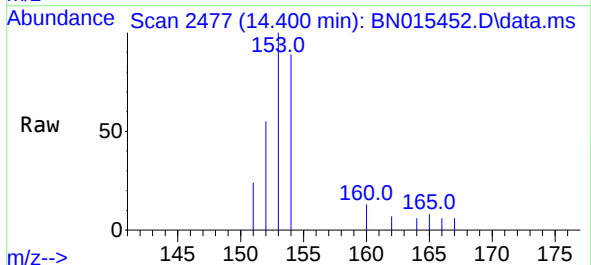
#10
Acenaphthylene
Concen: 0.141 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



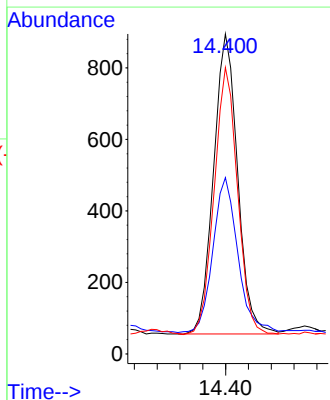
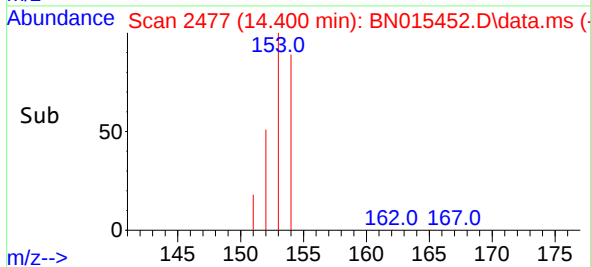
Tgt Ion:152 Resp: 3418
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 15.7 10.9 16.3



#11
Acenaphthene
Concen: 0.066 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



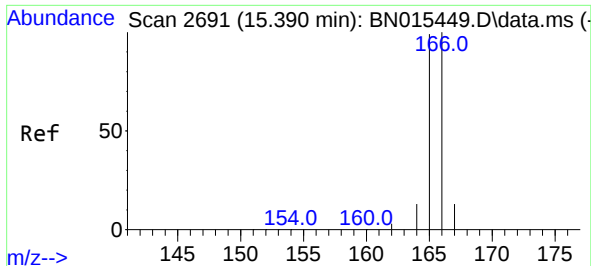
Tgt Ion:153 Resp: 1228
Ion Ratio Lower Upper
153 100
152 55.1 39.8 59.6
154 89.5 69.8 104.8



Instrument :
BNA_N
ClientSampleId :
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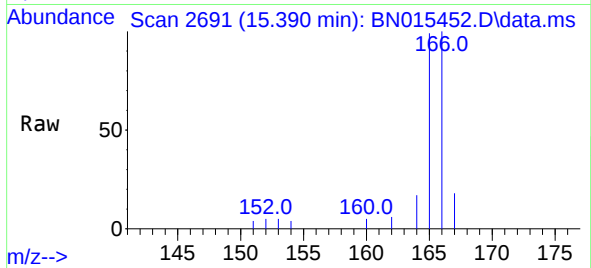
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#12
Fluorene
Concen: 0.106 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

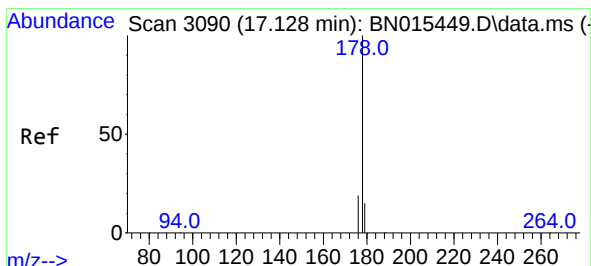
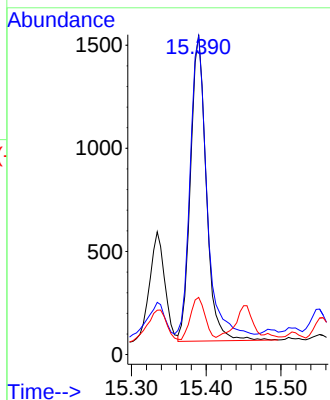
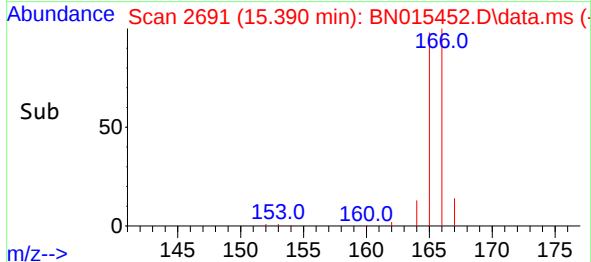
Instrument :
BNA_N
ClientSampled :
BGDT3



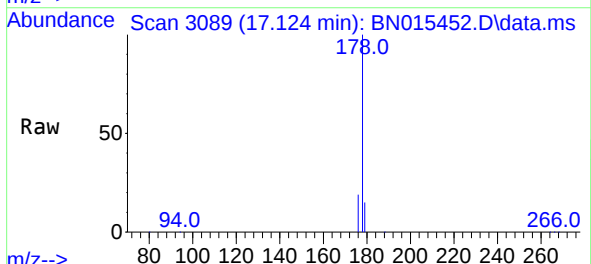
Tgt Ion:166 Resp: 2171
Ion Ratio Lower Upper
166 100
165 99.4 77.8 116.8
167 17.9 11.2 16.8#

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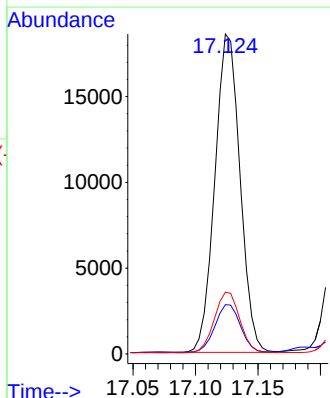
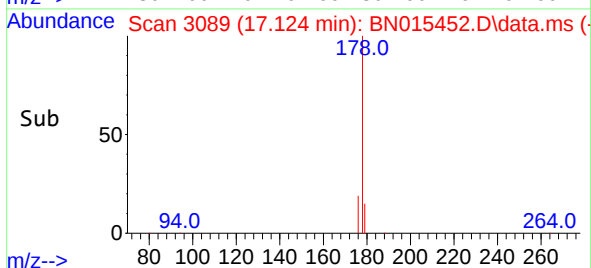
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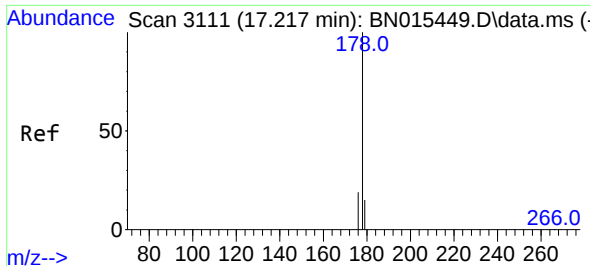


#15
Phenanthrene
Concen: 0.758 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



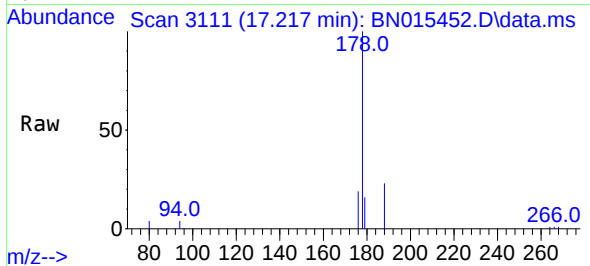
Tgt Ion:178 Resp: 25945
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.3 15.5 23.3





#16
 Anthracene
 Concen: 0.417 ng/ul
 RT: 17.217 min Scan# 3111
 Delta R.T. 0.000 min
 Lab File: BN015452.D
 Acq: 09 Jul 2021 18:49

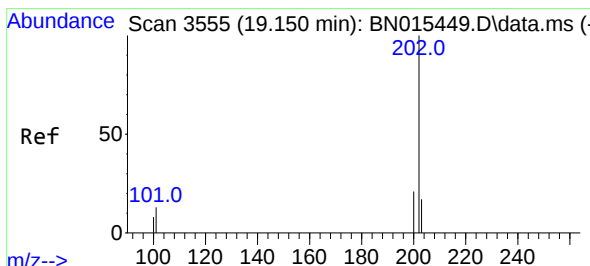
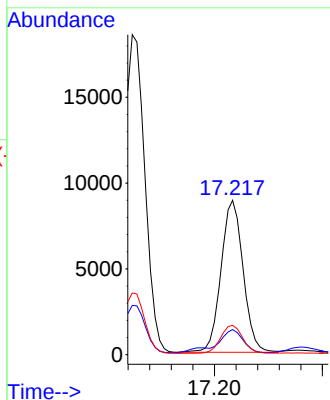
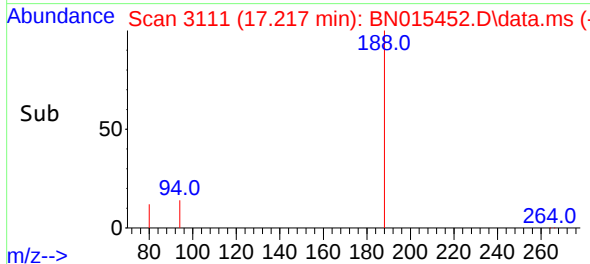
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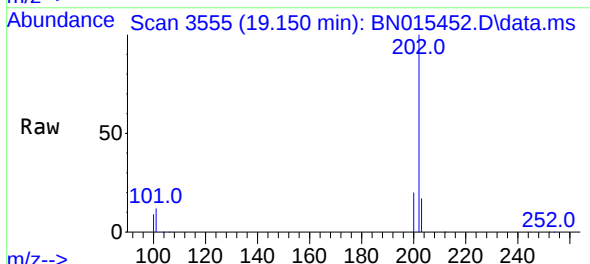
Tgt Ion:178 Resp: 12584
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.8 19.2
 176 19.0 15.2 22.8

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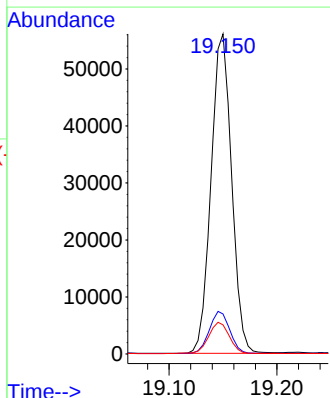
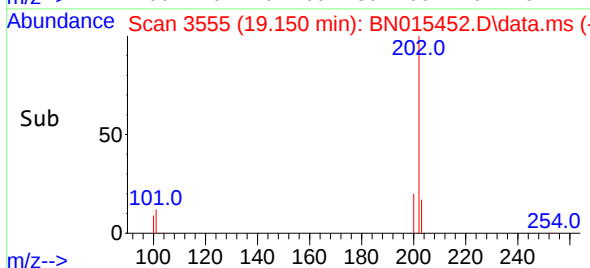
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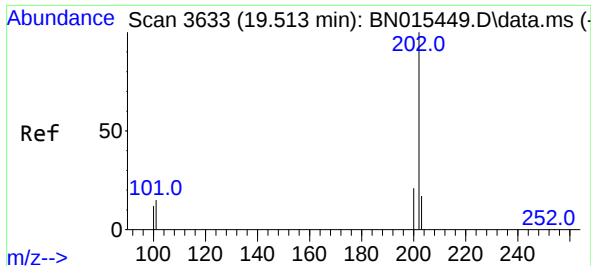


#19
 Fluoranthene
 Concen: 2.023 ng/ul
 RT: 19.150 min Scan# 3555
 Delta R.T. 0.000 min
 Lab File: BN015452.D
 Acq: 09 Jul 2021 18:49



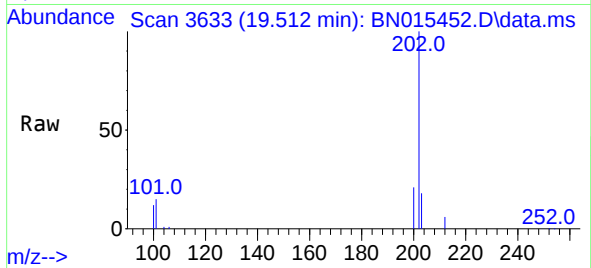
Tgt Ion:202 Resp: 74304
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.1 15.1
 100 9.1 7.4 11.0





#20
Pyrene
Concen: 1.297 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

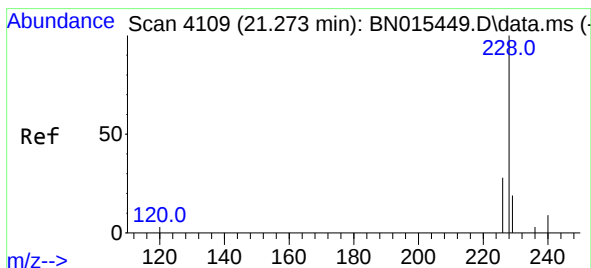
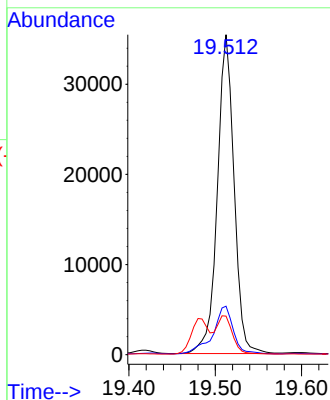
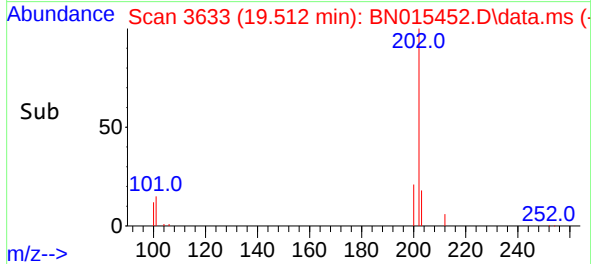
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ClientSampleId :
BGDT3



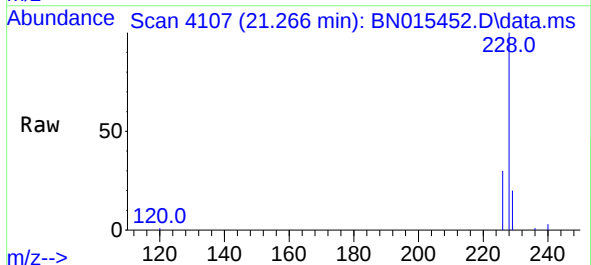
Tgt Ion:202 Resp: 47770
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.1 9.6 14.4

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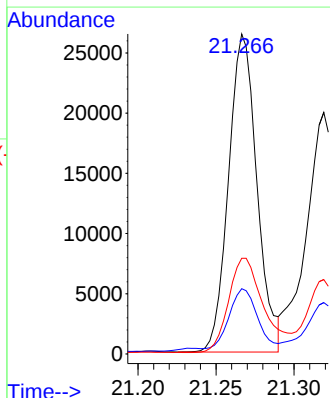
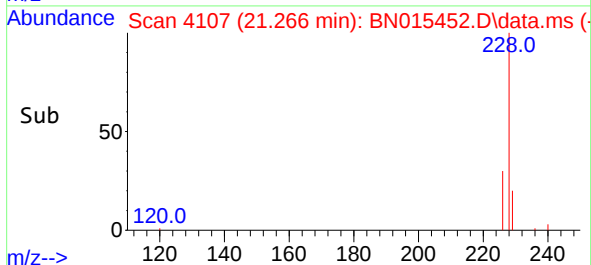
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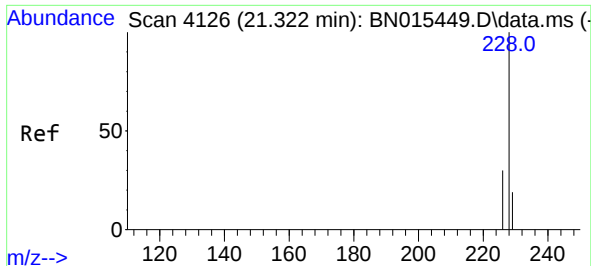


#21
Benzo(a)anthracene
Concen: 1.138 ng/ul
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

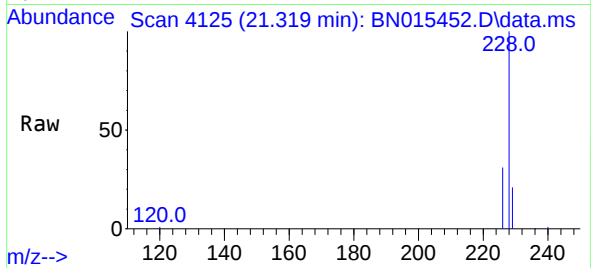


Tgt Ion:228 Resp: 33511
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 29.9 21.8 32.8

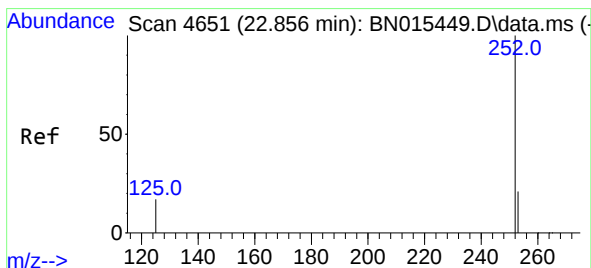
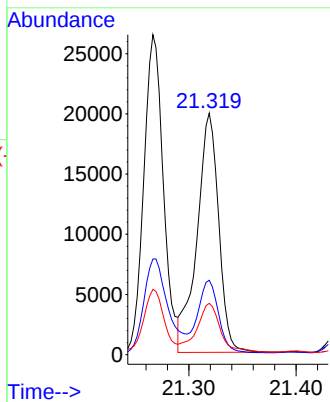
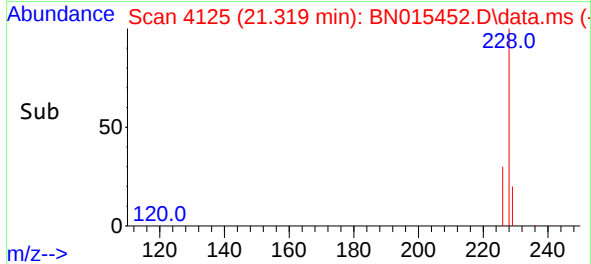




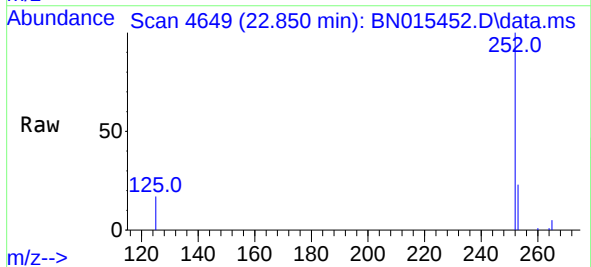
#22
Chrysene
Concen: 0.793 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



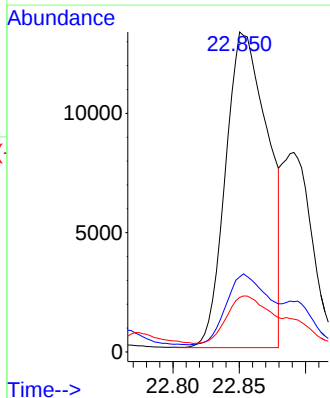
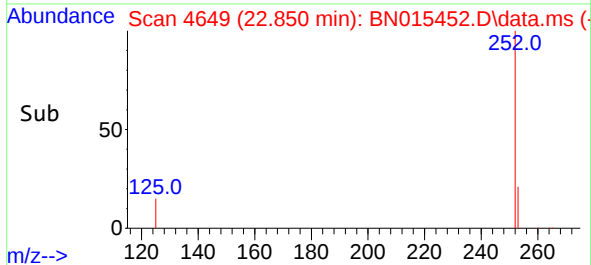
Tgt Ion:228 Resp: 27940
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 0.873 ng/ul m
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



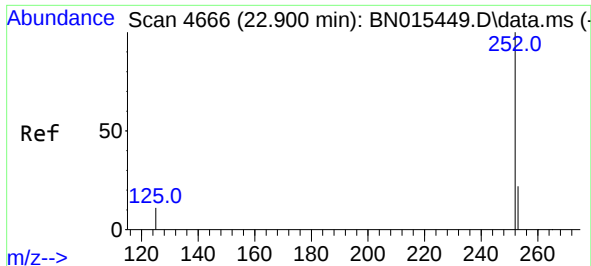
Tgt Ion:252 Resp: 29344
Ion Ratio Lower Upper
252 100
253 23.5 0.0 45.6
125 17.1 0.0 28.4



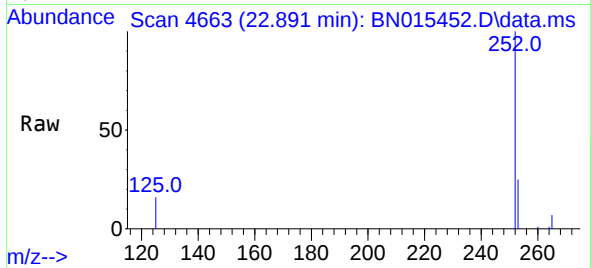
Instrument :
BNA_N
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BGDT3

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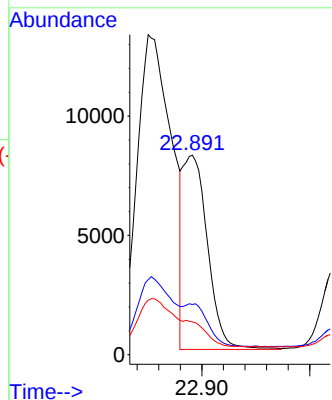
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#25
Benzo(k)fluoranthene
Concen: 0.340 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



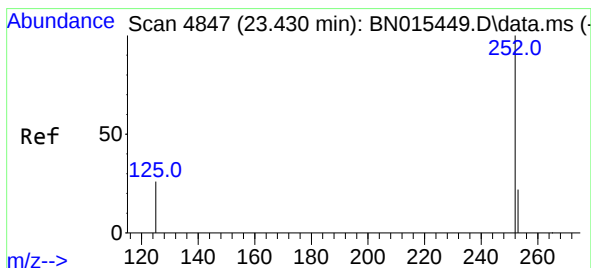
Tgt Ion:252 Resp: 12913
Ion Ratio Lower Upper
252 100
253 25.2 18.1 27.1
125 16.4 11.5 17.3



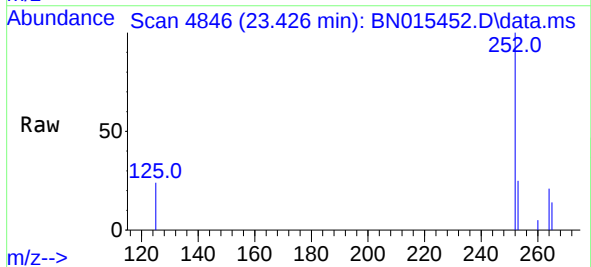
Instrument :
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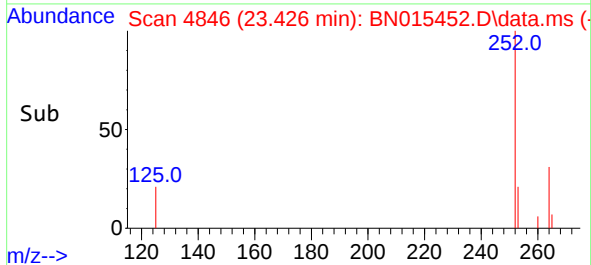
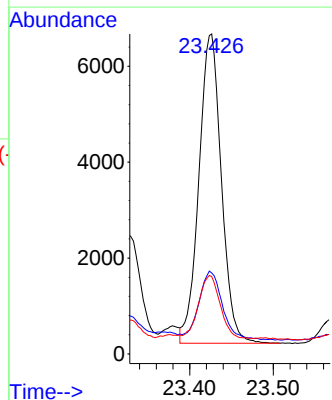
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7/12/2021 9:33:02 AM

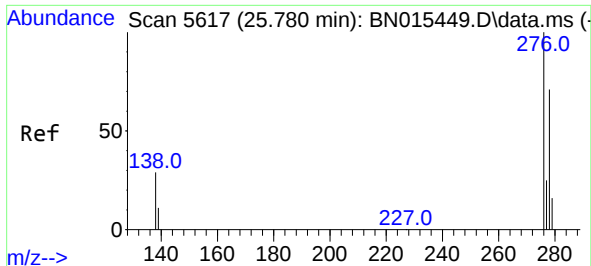


#26
Benzo(a)pyrene
Concen: 0.426 ng/ul
RT: 23.426 min Scan# 4846
Delta R.T. -0.003 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49



Tgt Ion:252 Resp: 12031
Ion Ratio Lower Upper
252 100
253 25.3 18.9 28.3
125 24.2 13.5 20.3#





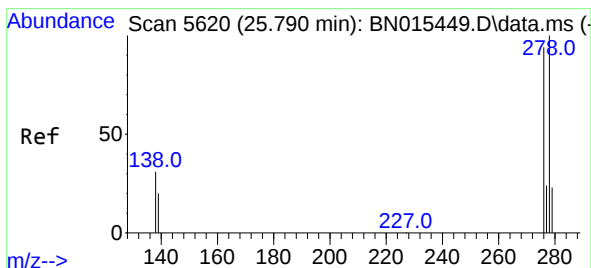
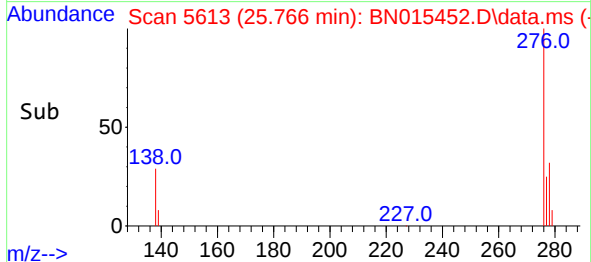
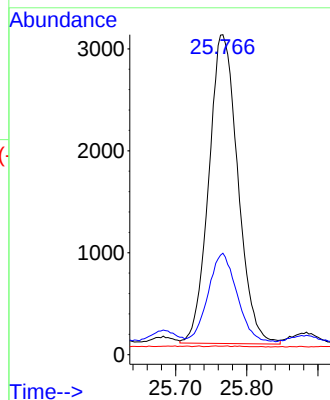
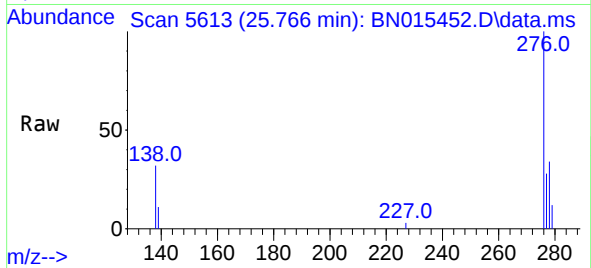
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.252 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

Tgt Ion: 276 Resp: 8582
Ion Ratio Lower Upper
276 100
138 28.9 26.3 39.5
227 0.1 0.1 0.1#

Instrument :
BNA_N
ClientSampled :
BGDT3

Manual Integrations
APPROVED

mohammad
7/12/2021 9:33:02 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.017 min
Lab File: BN015452.D
Acq: 09 Jul 2021 18:49

Tgt Ion: 278 Resp: 3452
Ion Ratio Lower Upper
278 100
139 30.0 18.9 28.3#
279 34.2 20.8 31.2#

