

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015455.D
 Acq On : 09 Jul 2021 20:38
 Operator : CG/JU
 Sample : M2854-03DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 BGDS4DL

Manual Integrations
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Quant Time: Jul 10 00:28:32 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	7.711	152	3231	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	11212	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.336	164	5924	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.083	188	11804	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	9860	0.400	ng/ul	0.00
23) Perylene-d12	23.522	264	8360	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1339	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	528	0.030	ng/ul	0.00
18) Fluoranthene-d10	19.119	212	1212	0.037	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	2908	0.081	ng/ul#	94
7) 2-Methylnaphthalene	12.146	142	556	0.024	ng/ul	98
10) Acenaphthylene	14.054	152	3753	0.123	ng/ul#	94
11) Acenaphthene	14.401	153	9865	0.420	ng/ul	99
12) Fluorene	15.386	166	10162	0.392	ng/ul	97
15) Phenanthrene	17.125	178	127898	2.985	ng/ul	99
16) Anthracene	17.218	178	45321	1.200	ng/ul	99
19) Fluoranthene	19.147	202	168445	3.697	ng/ul	98
20) Pyrene	19.514	202	124702	2.729	ng/ul	99
21) Benzo(a)anthracene	21.269	228	70346	1.926	ng/ul	95
22) Chrysene	21.319	228	59389	1.358	ng/ul	99
24) Benzo(b)fluoranthene	22.853	252	66031m	1.691	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	24541m	0.557	ng/ul	
26) Benzo(a)pyrene	23.423	252	40807	1.244	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.769	276	23779	0.600	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.769	278	7220	0.232	ng/ul	93
29) Benzo(g,h,i)perylene	26.454	276	1836	0.050	ng/ul#	74

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

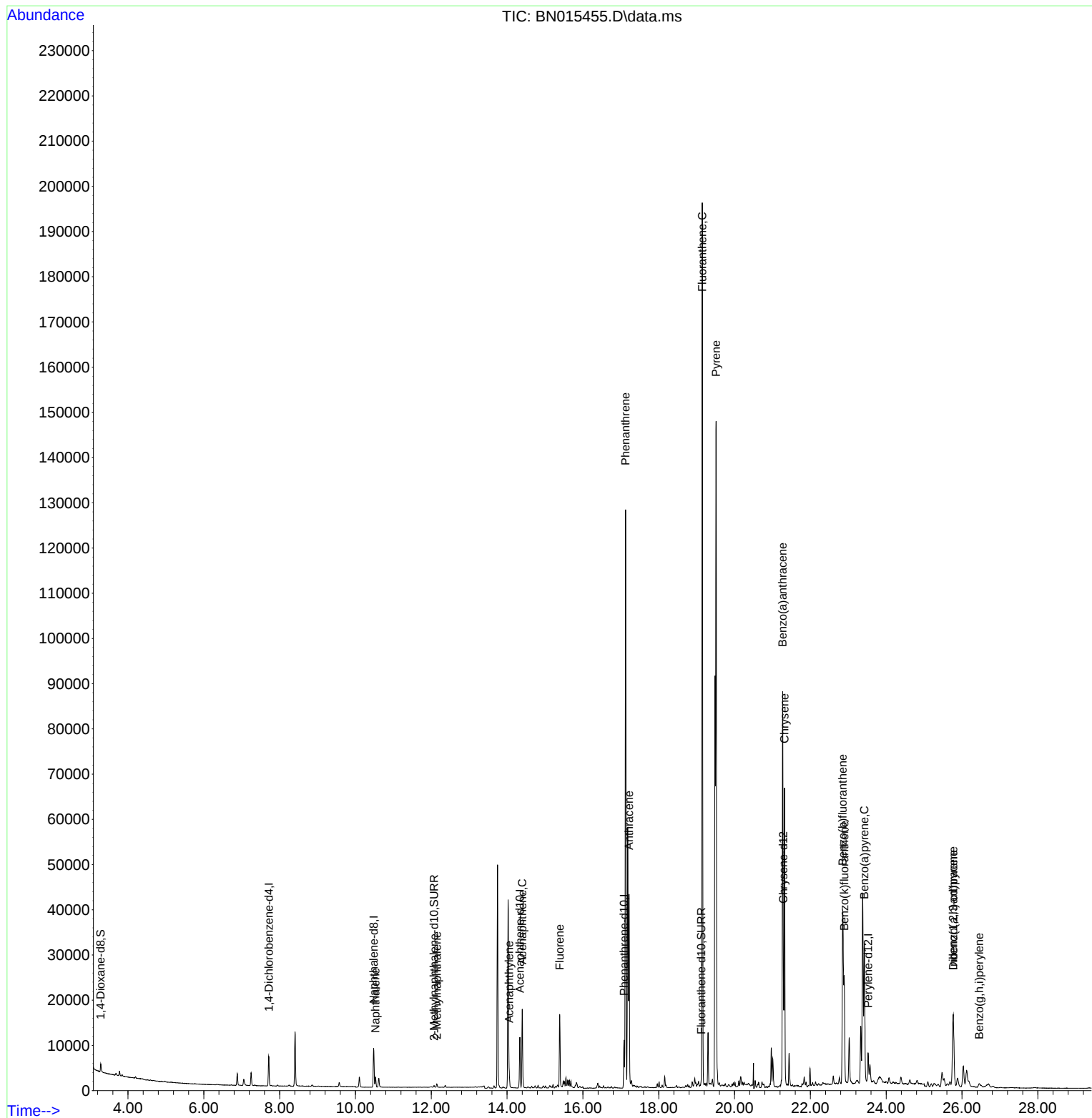
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ALS Vial : 8 Sample Multiplier: 1

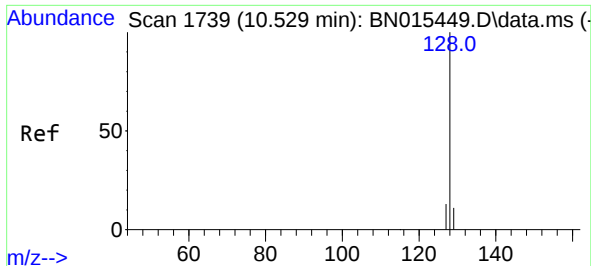
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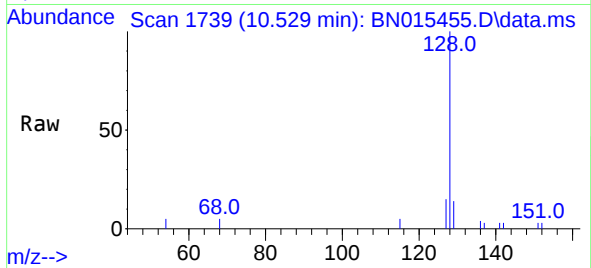
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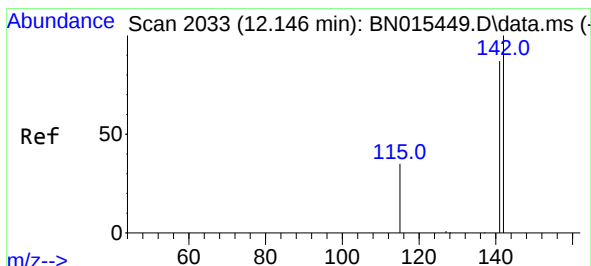
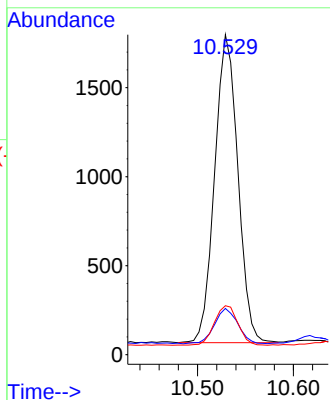
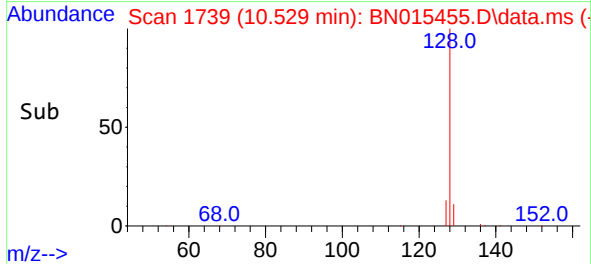




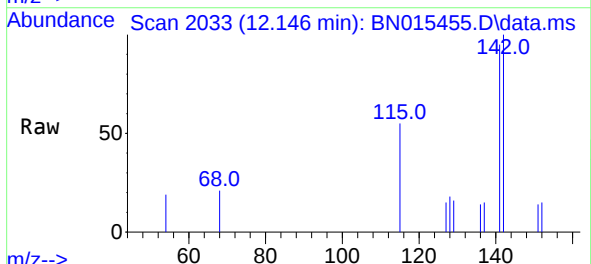
#5
Naphthalene
Concen: 0.081 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



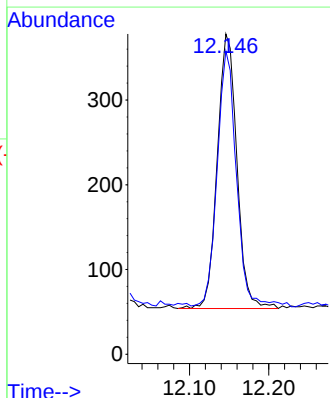
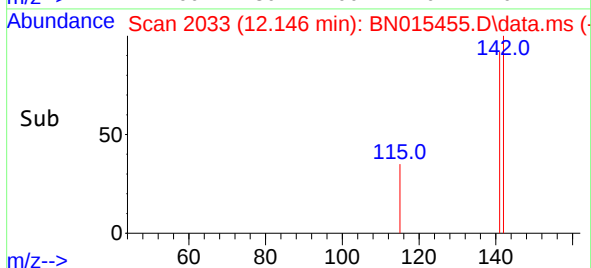
Tgt Ion:128 Resp: 2908
Ion Ratio Lower Upper
128 100
129 14.5 9.3 13.9#
127 15.3 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



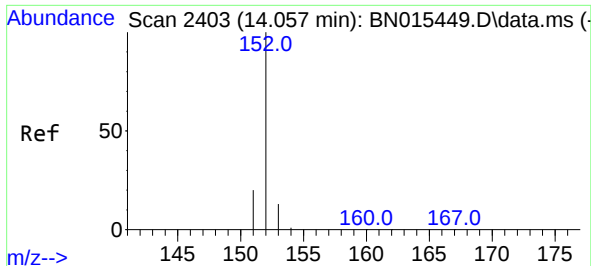
Tgt Ion:142 Resp: 556
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5



Instrument :
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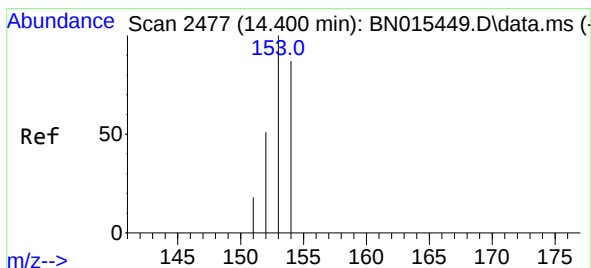
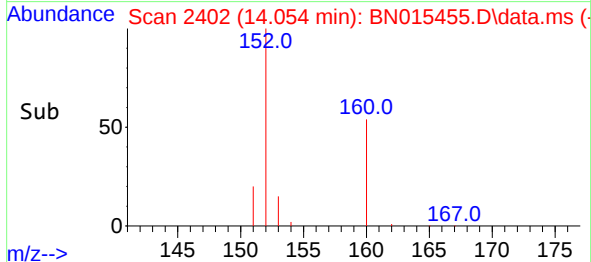
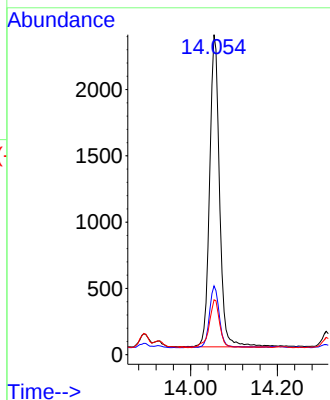
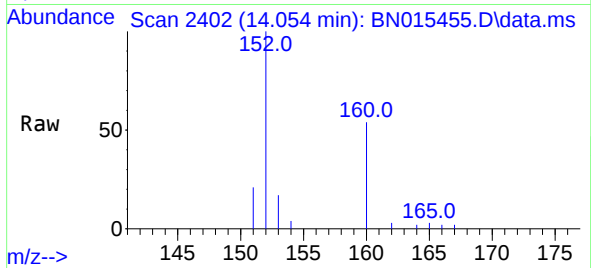
#10
Acenaphthylene
Concen: 0.123 ng/ul
RT: 14.054 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

Tgt Ion:152 Resp: 3753
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 17.1 10.9 16.3#

Instrument :
BNA_N
ClientSampleId :
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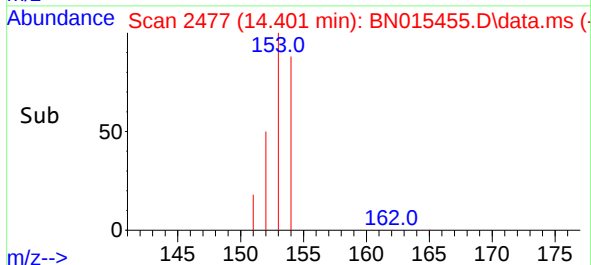
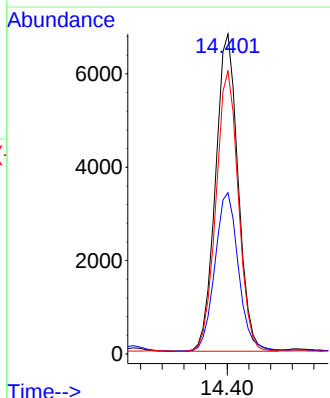
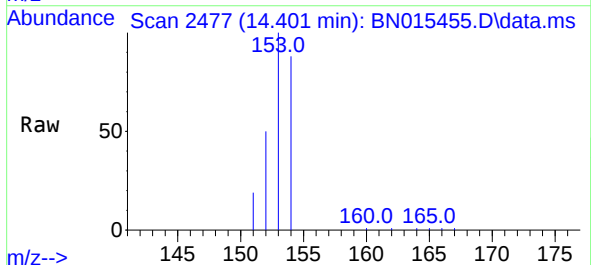
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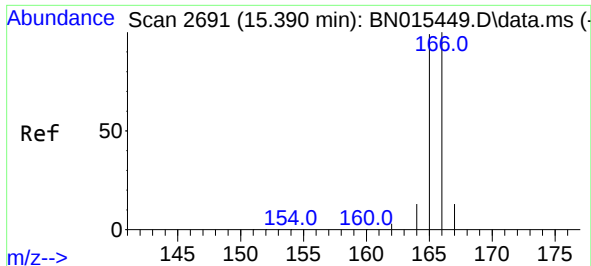
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#11
Acenaphthene
Concen: 0.420 ng/ul
RT: 14.401 min Scan# 2477
Delta R.T. 0.001 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

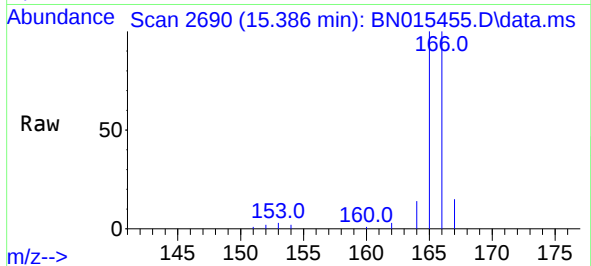
Tgt Ion:153 Resp: 9865
Ion Ratio Lower Upper
153 100
152 50.4 39.8 59.6
154 88.3 69.8 104.8





#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.386 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

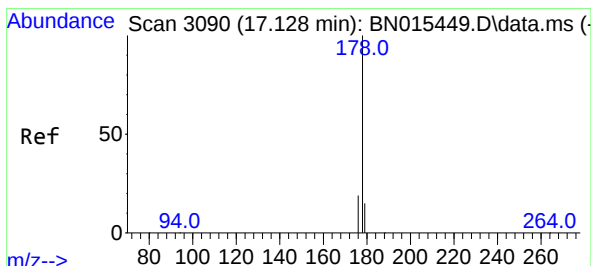
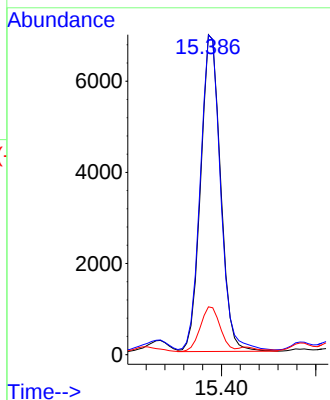
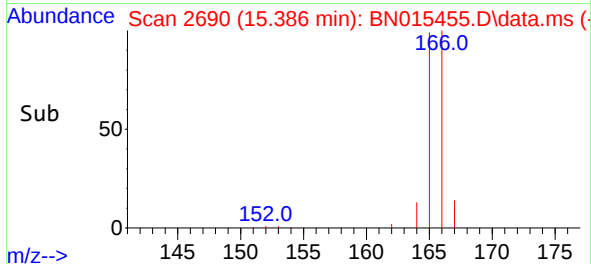
Instrument :
BNA_N
ClientSampleId :
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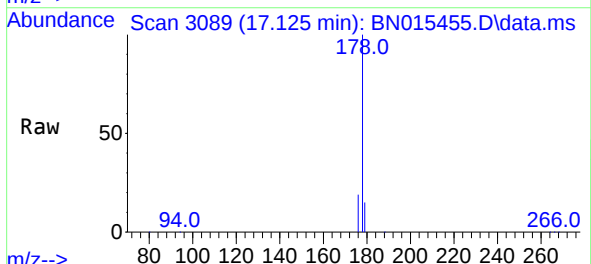
Tgt Ion:166 Resp: 10162
Ion Ratio Lower Upper
166 100
165 99.9 77.8 116.8
167 15.0 11.2 16.8

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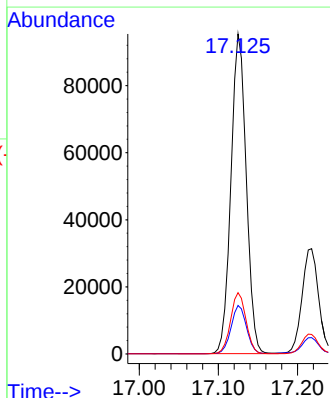
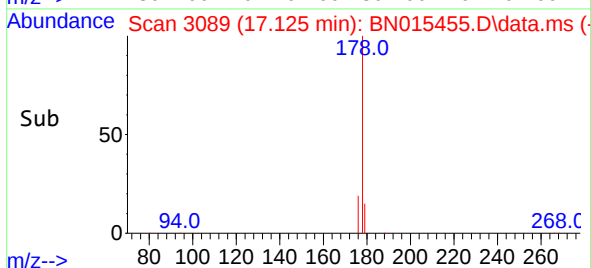
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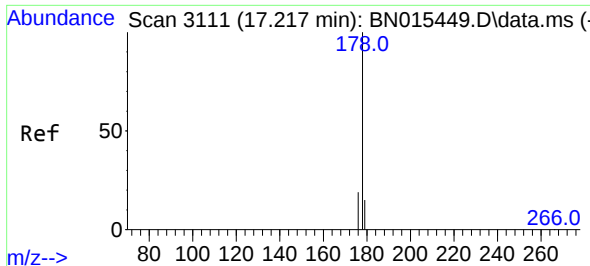


#15
Phenanthrene
Concen: 2.985 ng/ul
RT: 17.125 min Scan# 3089
Delta R.T. -0.003 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



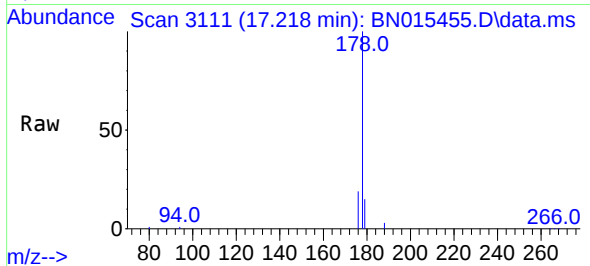
Tgt Ion:178 Resp: 127898
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.2 15.5 23.3





#16
 Anthracene
 Concen: 1.200 ng/ul
 RT: 17.218 min Scan# 3111
 Delta R.T. 0.001 min
 Lab File: BN015455.D
 Acq: 09 Jul 2021 20:38

Instrument :
 BNA_N
 ClientSampleId :
 BGDS4DL

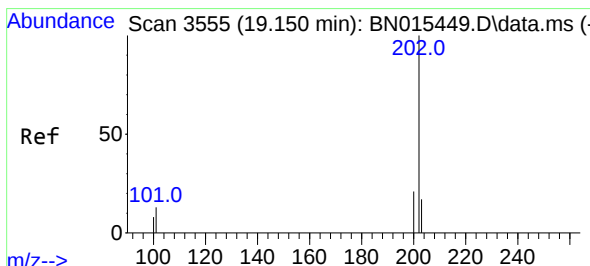
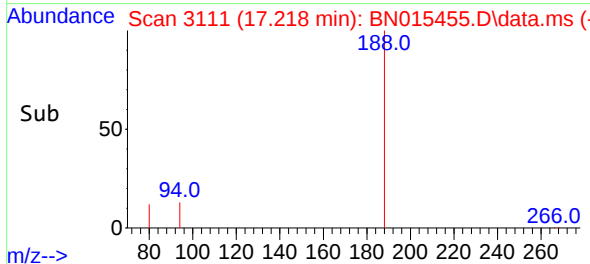
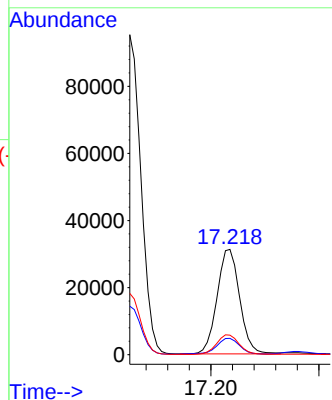


Tgt Ion:178 Resp: 45321

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.6	15.2	22.8

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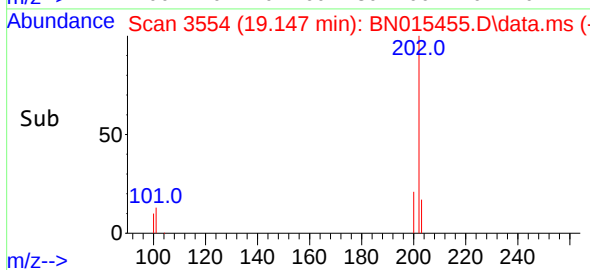
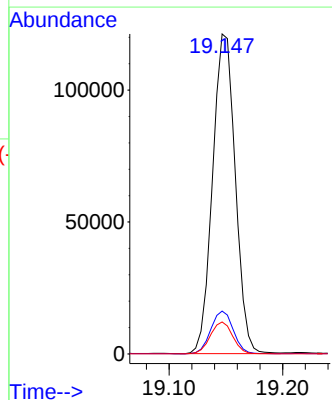
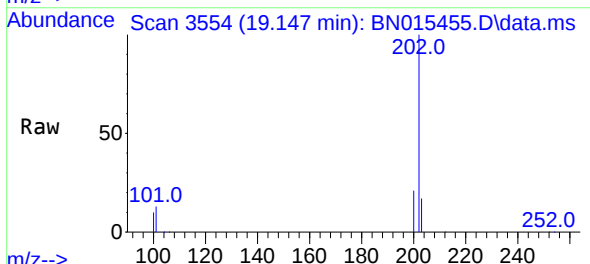
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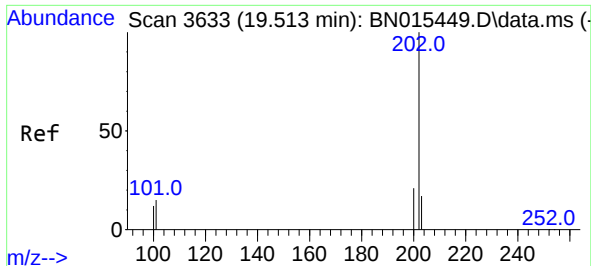


#19
 Fluoranthene
 Concen: 3.697 ng/ul
 RT: 19.147 min Scan# 3554
 Delta R.T. -0.003 min
 Lab File: BN015455.D
 Acq: 09 Jul 2021 20:38

Tgt Ion:202 Resp: 168445

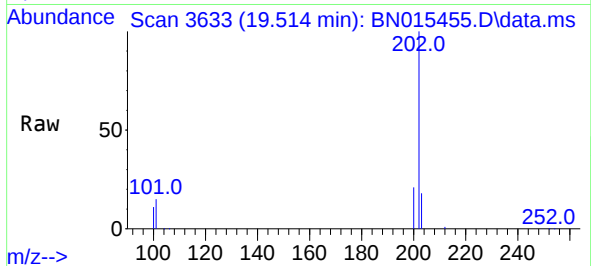
Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.1	15.1
100	10.0	7.4	11.0





#20
Pyrene
Concen: 2.729 ng/ul
RT: 19.514 min Scan# 3633
Delta R.T. -0.003 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

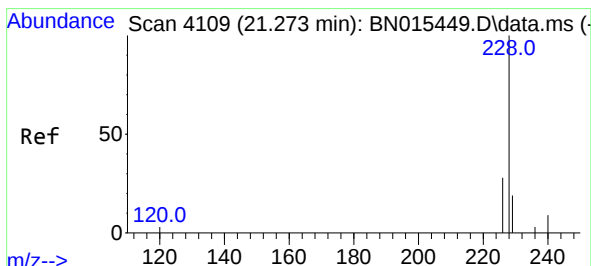
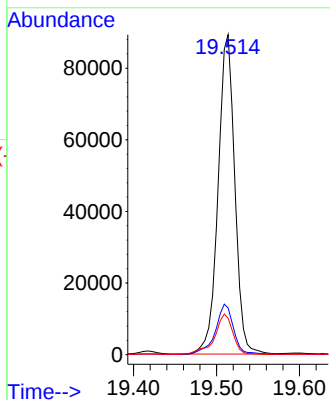
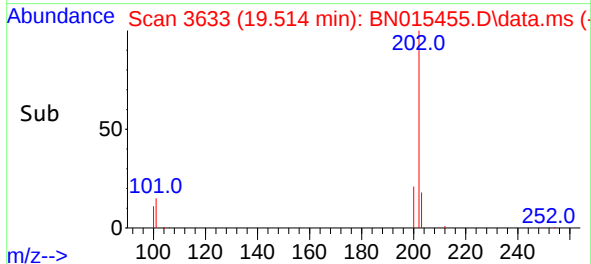
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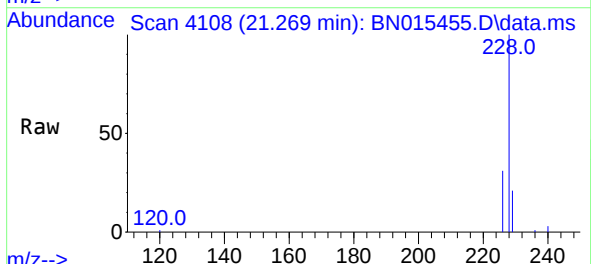
Tgt Ion:202 Resp: 124702
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.4 9.6 14.4

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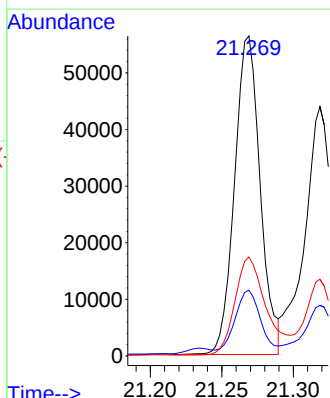
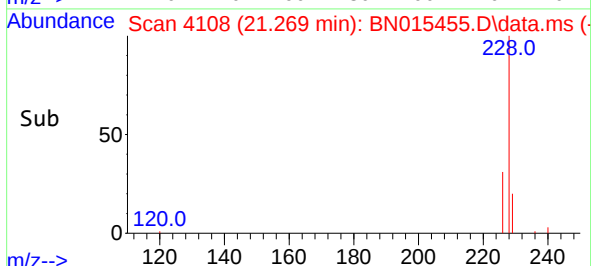
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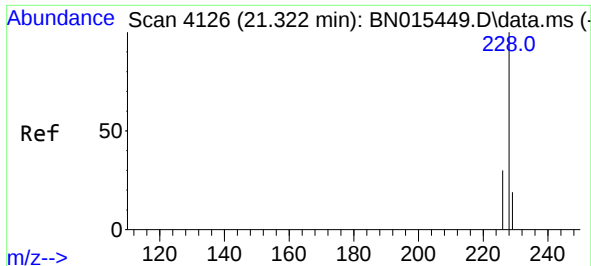


#21
Benzo(a)anthracene
Concen: 1.926 ng/ul
RT: 21.269 min Scan# 4108
Delta R.T. -0.003 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

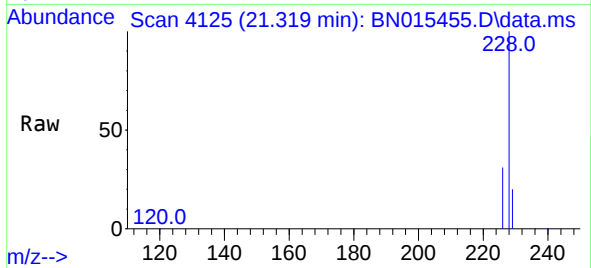


Tgt Ion:228 Resp: 70346
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 31.0 21.8 32.8

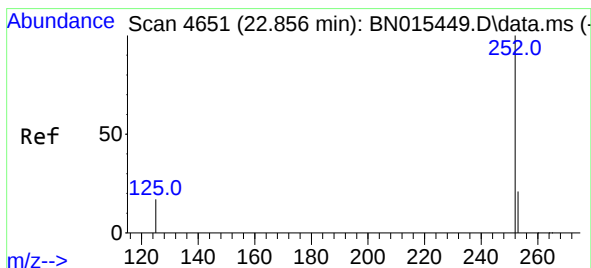
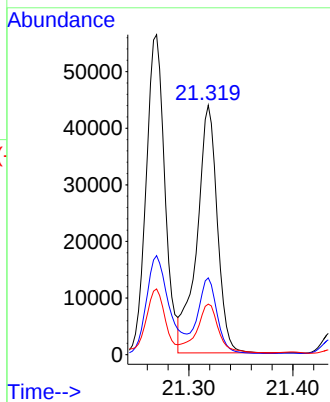
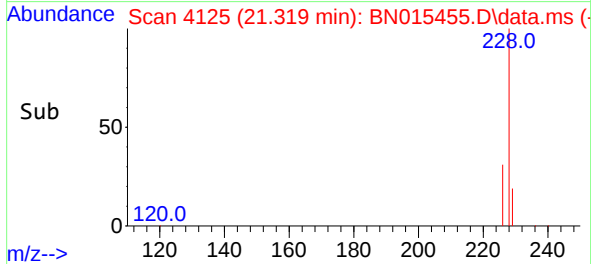




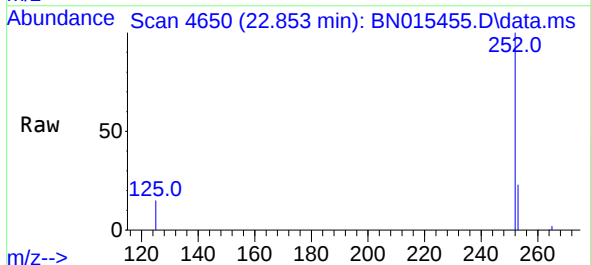
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Chrysene
Concen: 1.358 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



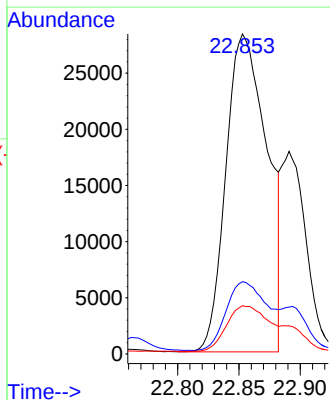
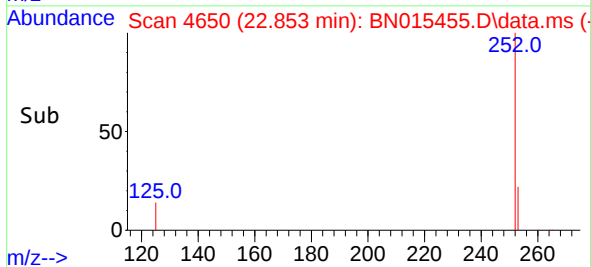
Tgt Ion:228 Resp: 59389
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 20.3 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.691 ng/ul m
RT: 22.853 min Scan# 4650
Delta R.T. -0.003 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



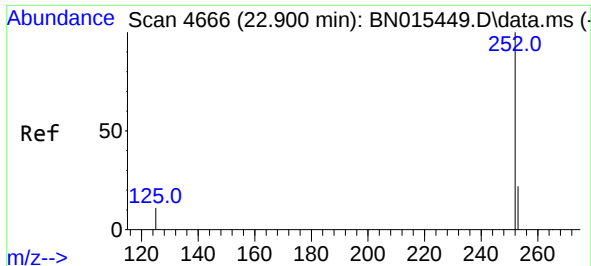
Tgt Ion:252 Resp: 66031
Ion Ratio Lower Upper
252 100
253 22.6 0.0 45.6
125 15.1 0.0 28.4



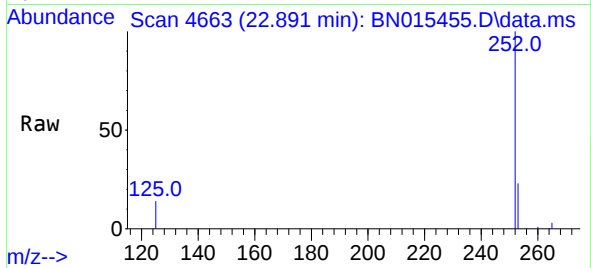
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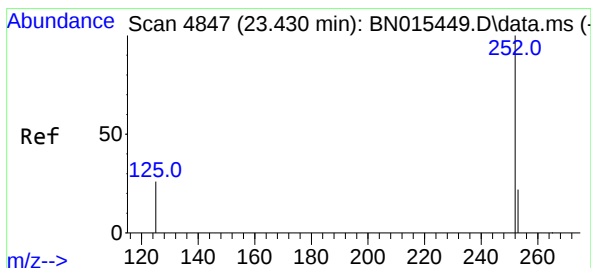
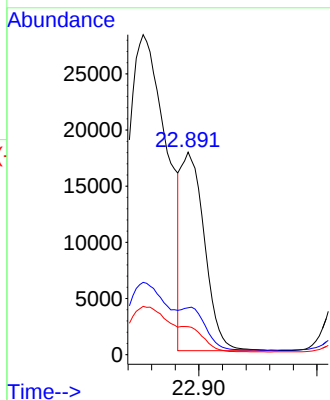
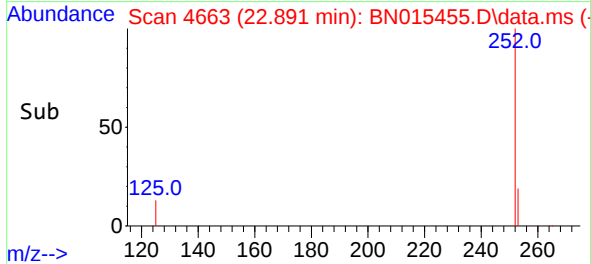
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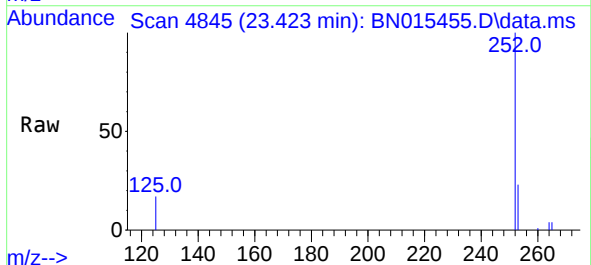
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Benzo(k)fluoranthene
Concen: 0.557 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



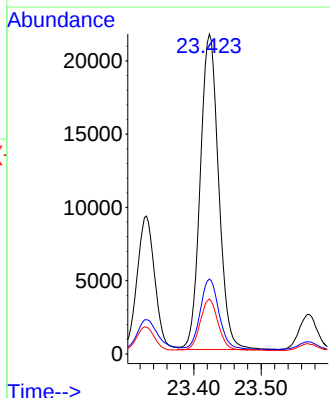
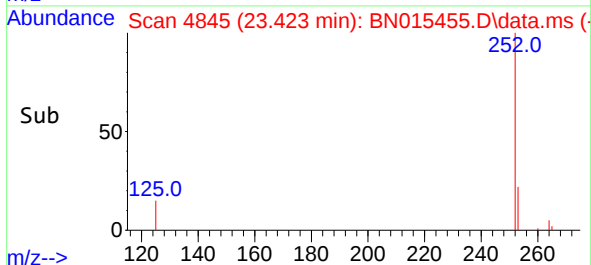
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Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 13.8 11.5 17.3



#26
Benzo(a)pyrene
Concen: 1.244 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38



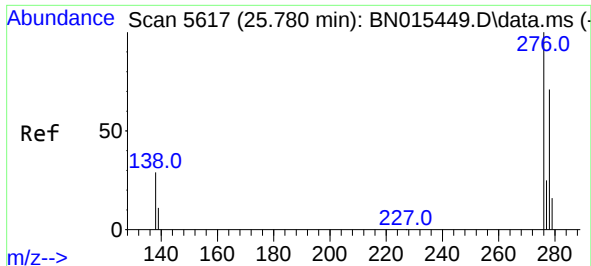
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Ion Ratio Lower Upper
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253 23.4 18.9 28.3
125 17.2 13.5 20.3



Instrument :
BNA_N
ClientSampleId :
BGDS4DL

Manual Integrations
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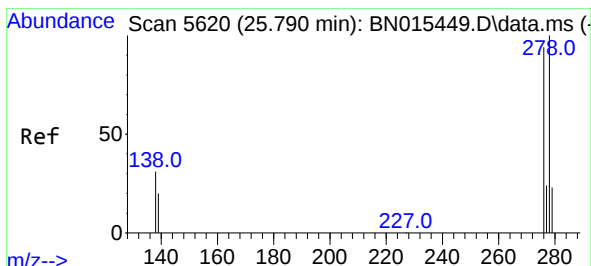
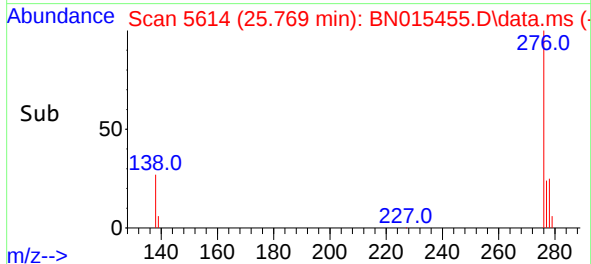
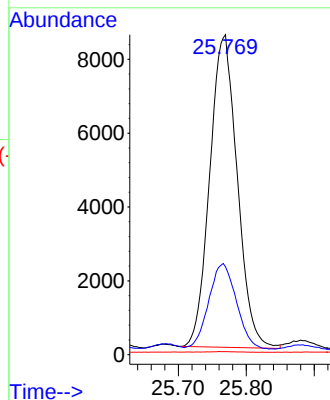
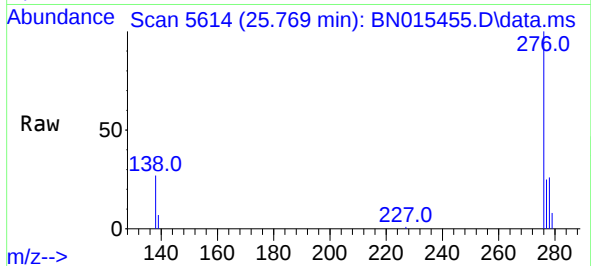
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.600 ng/ul
RT: 25.769 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

Tgt Ion:276 Resp: 23779
Ion Ratio Lower Upper
276 100
138 28.3 26.3 39.5
227 0.2 0.1 0.1#

Instrument :
BNA_N
ClientSampleId :
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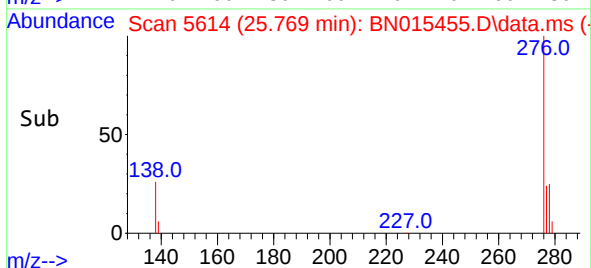
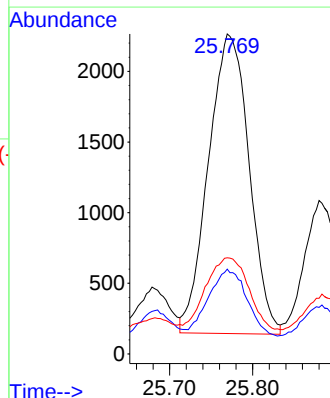
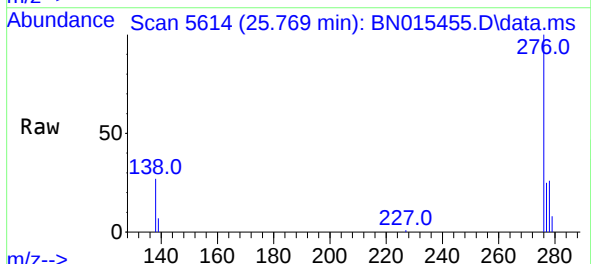
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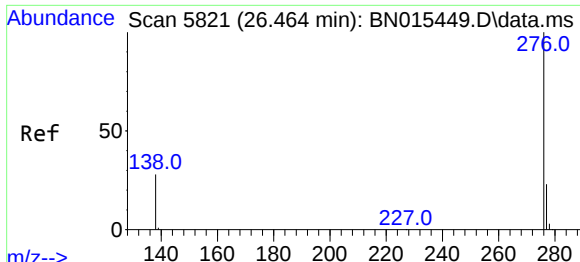
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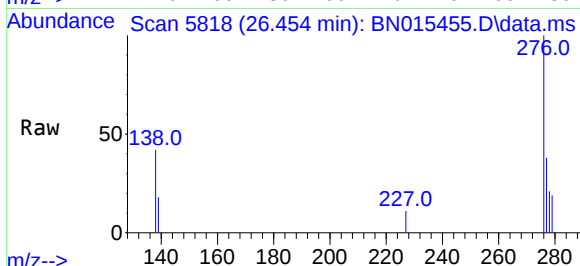
#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.769 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN015455.D
Acq: 09 Jul 2021 20:38

Tgt Ion:278 Resp: 7220
Ion Ratio Lower Upper
278 100
139 26.5 18.9 28.3
279 30.1 20.8 31.2

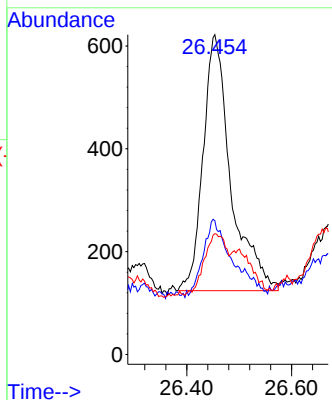
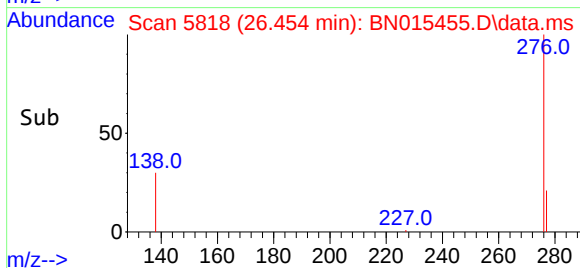




#29
 Benzo(g,h,i)perylene
 Concen: 0.050 ng/ul
 RT: 26.454 min Scan# 5818
 Delta R.T. -0.010 min
 Lab File: BN015455.D
 Acq: 09 Jul 2021 20:38



Tgt Ion:	276	Resp:	1836
Ion Ratio	Lower	Upper	
276	100		
138	41.8	23.0	34.4#
277	37.8	19.3	28.9#



Instrument :
 BNA_N
 ClientSampleId :
 BGDS4DL

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