

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015454.D
 Acq On : 09 Jul 2021 20:02
 Operator : CG/JU
 Sample : M2854-02DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDS3DL

Manual Integrations
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 7/12/2021 9:33:08 AM

Quant Time: Jul 10 00:28:23 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	3294	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	11554	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6171	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.086	188	12271	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	10139	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	8758	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1714	0.462	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.074	152	675	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.118	212	1456m	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	7750	0.210	ng/ul	99
7) 2-Methylnaphthalene	12.146	142	958	0.040	ng/ul	98
8) 1-Methylnaphthalene	12.371	142	544	0.023	ng/ul	98
10) Acenaphthylene	14.053	152	12262	0.384	ng/ul	100
11) Acenaphthene	14.400	153	4932	0.202	ng/ul	98
12) Fluorene	15.390	166	6916	0.256	ng/ul	98
15) Phenanthrene	17.124	178	111679	2.508	ng/ul	100
16) Anthracene	17.217	178	26771	0.682	ng/ul	100
19) Fluoranthene	19.150	202	180411	3.851	ng/ul	100
20) Pyrene	19.513	202	131616	2.801	ng/ul	100
21) Benzo(a)anthracene	21.267	228	74842	1.993	ng/ul	97
22) Chrysene	21.319	228	57306	1.275	ng/ul	98
24) Benzo(b)fluoranthene	22.854	252	71262m	1.742	ng/ul	
25) Benzo(k)fluoranthene	22.892	252	23376m	0.506	ng/ul	
26) Benzo(a)pyrene	23.424	252	44238	1.287	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.767	276	24975	0.602	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.773	278	7544	0.232	ng/ul	92
29) Benzo(g,h,i)perylene	26.454	276	2304	0.060	ng/ul#	81

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

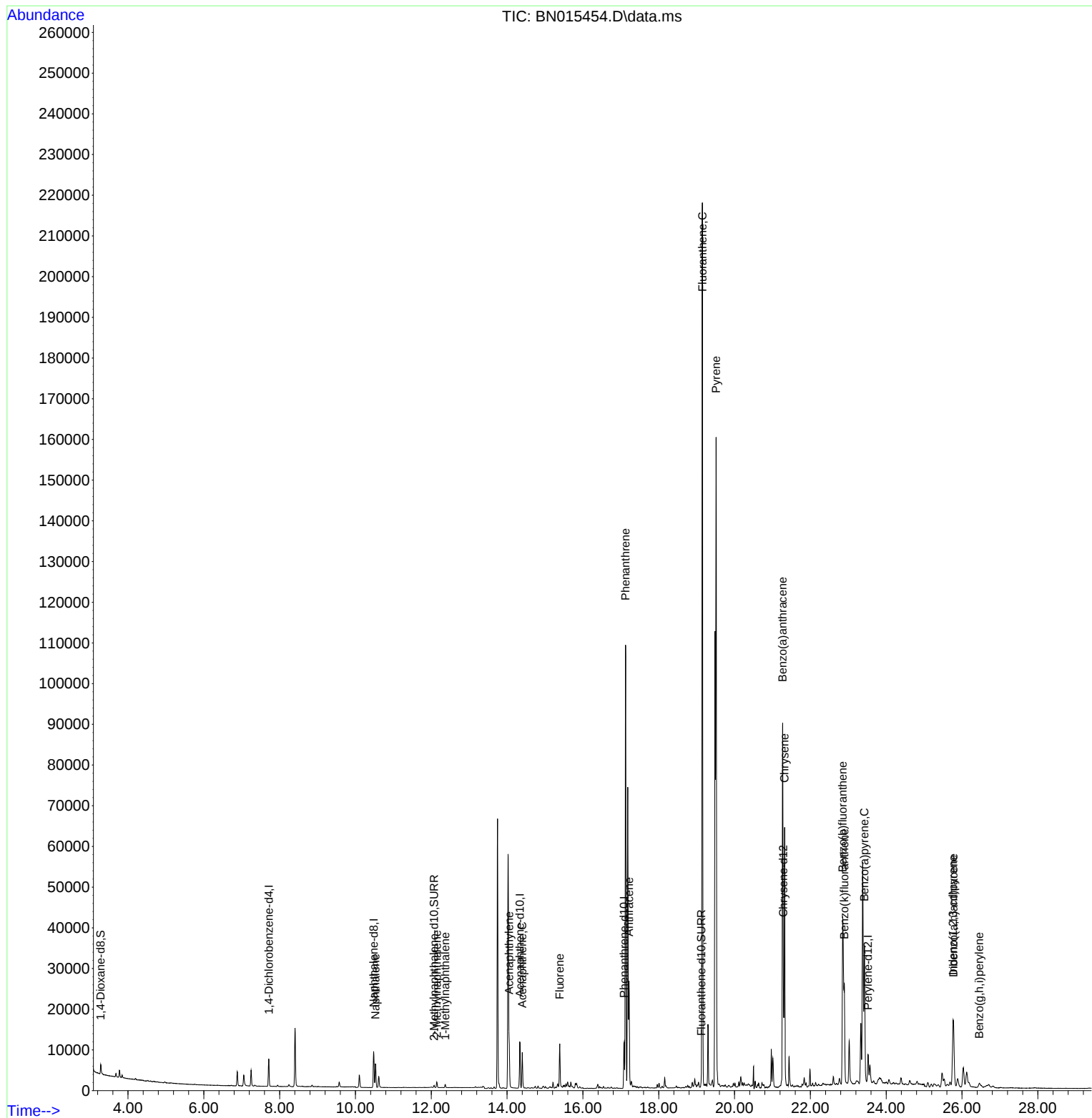
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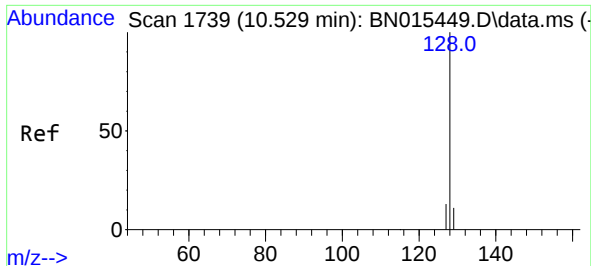
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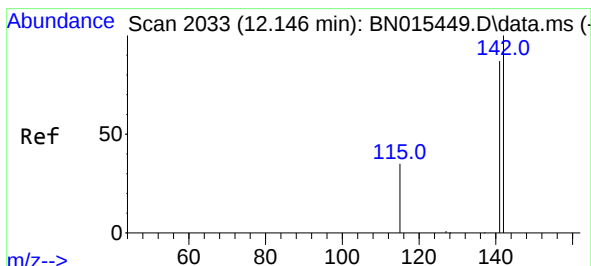
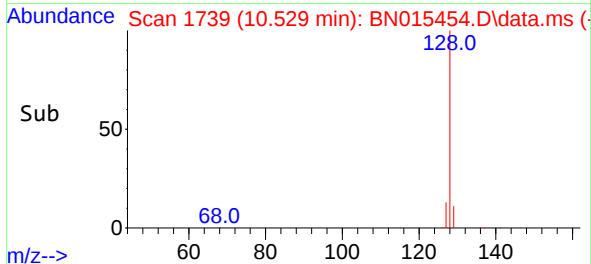
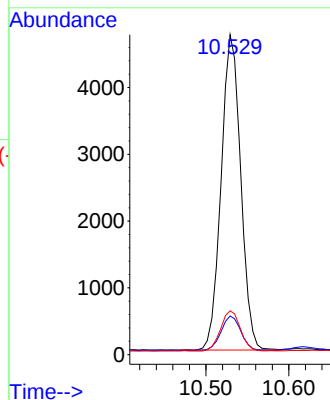
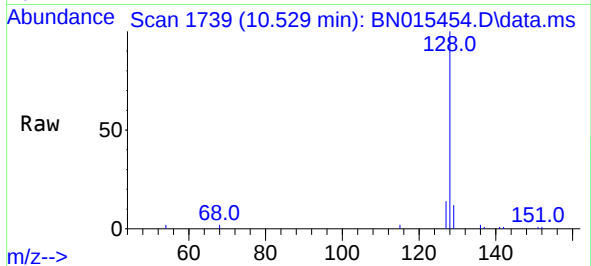
#5
Naphthalene
Concen: 0.210 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:	128	Resp:	7750
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.3	13.9
127	13.7	10.8	16.2

Instrument :
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ClientSampleId :
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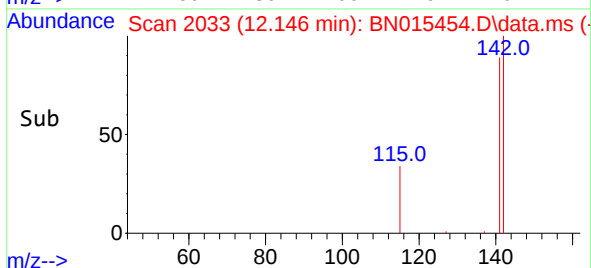
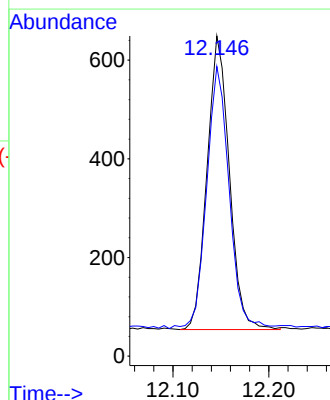
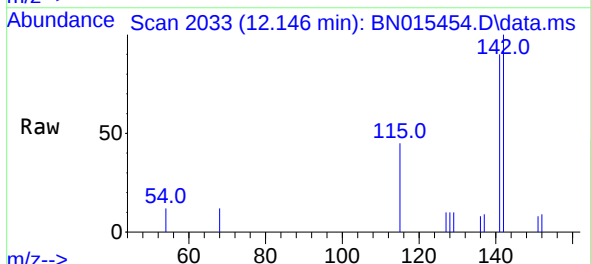
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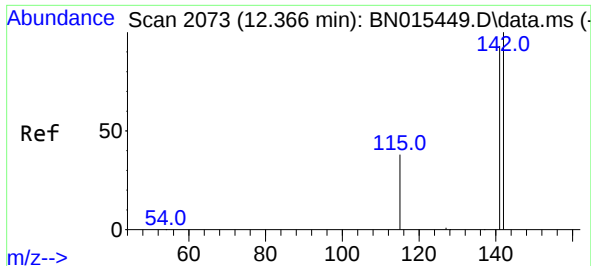
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#7
2-Methylnaphthalene
Concen: 0.040 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:	142	Resp:	958
Ion Ratio	Lower	Upper	
142	100		
141	90.1	70.3	105.5





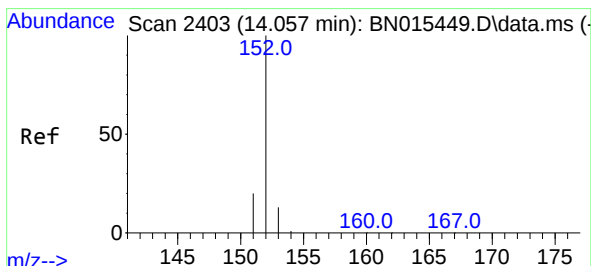
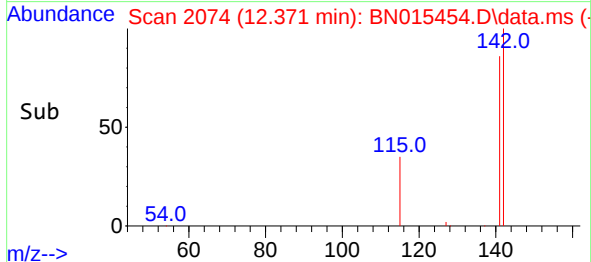
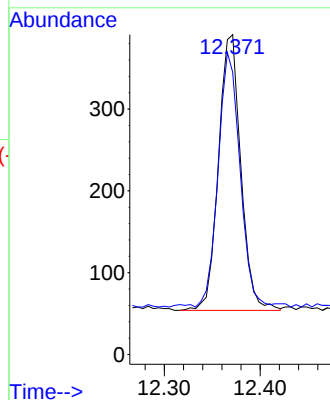
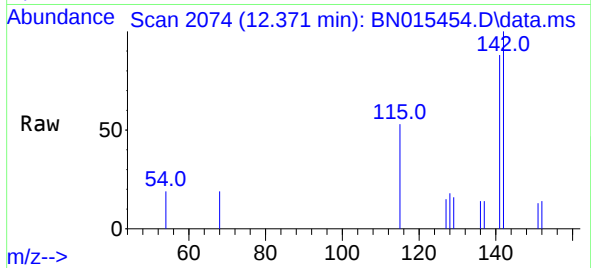
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.371 min Scan# 2074
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:142 Resp: 544
Ion Ratio Lower Upper
142 100
141 90.8 74.2 111.4

Instrument :
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ClientSampled :
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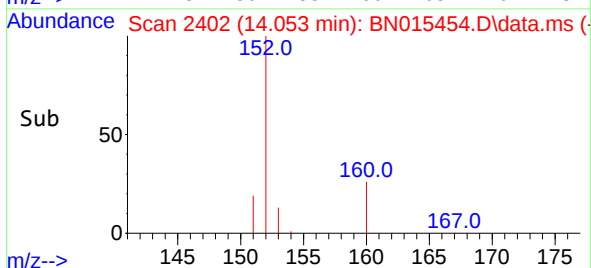
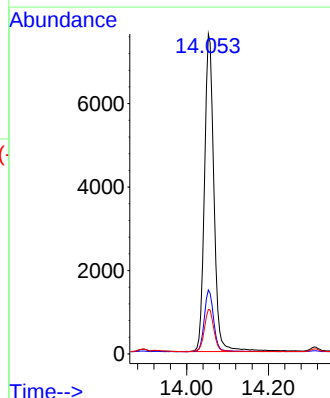
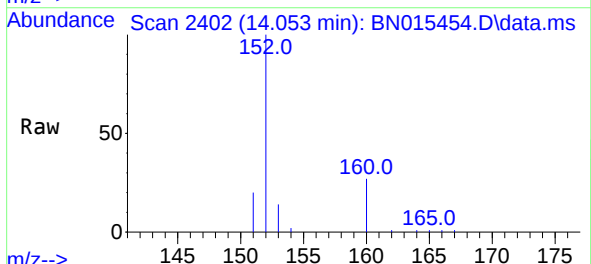
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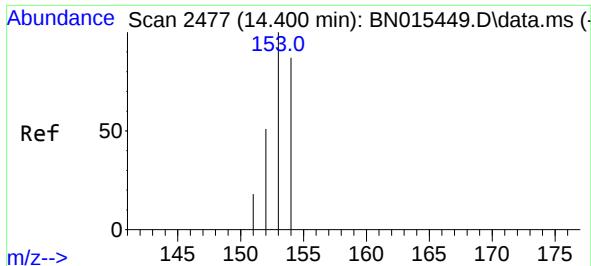
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#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

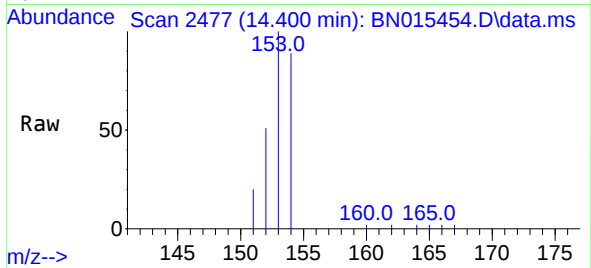
Tgt Ion:152 Resp: 12262
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.9 10.9 16.3



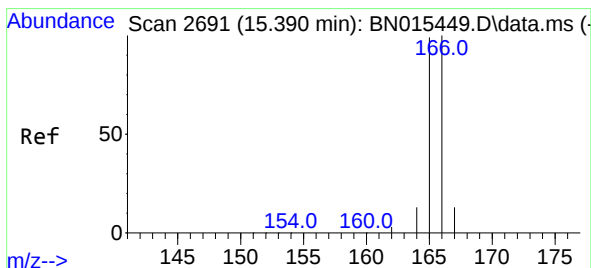
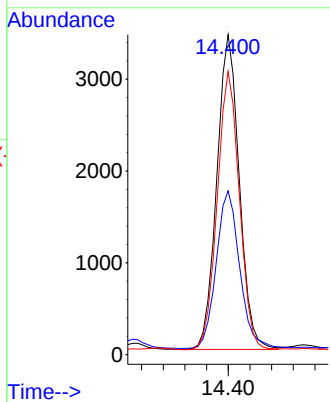
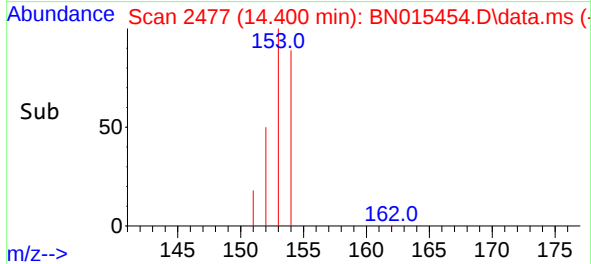


#11
Acenaphthene
Concen: 0.202 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

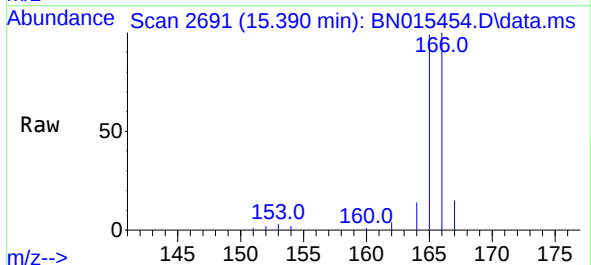
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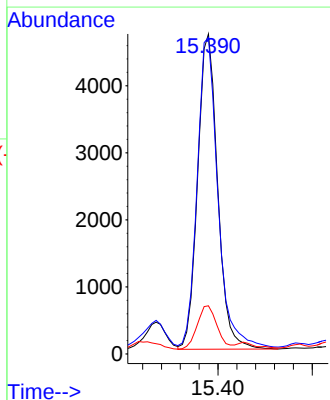
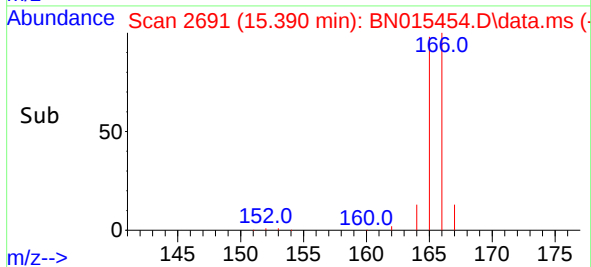
Tgt Ion:153 Resp: 4932
Ion Ratio Lower Upper
153 100
152 51.2 39.8 59.6
154 88.5 69.8 104.8

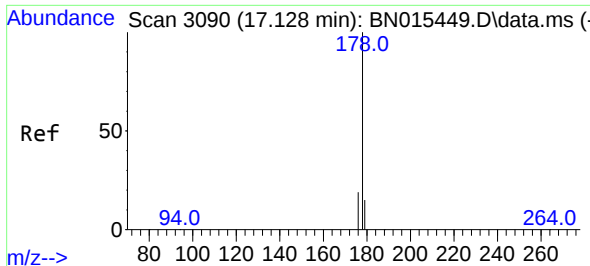


#12
Fluorene
Concen: 0.256 ng/ul
RT: 15.390 min Scan# 2691
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

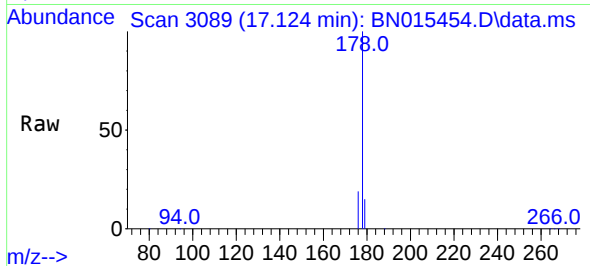


Tgt Ion:166 Resp: 6916
Ion Ratio Lower Upper
166 100
165 99.0 77.8 116.8
167 15.0 11.2 16.8

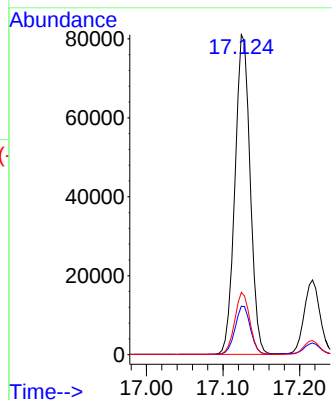




#15
Phenanthrene
Concen: 2.508 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02



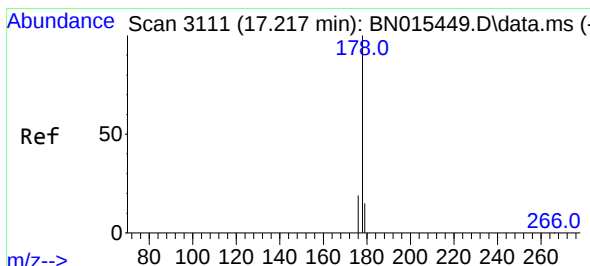
Tgt Ion:178 Resp: 111679
Ion Ratio Lower Upper
178 100
179 15.1 12.3 18.5
176 19.5 15.5 23.3



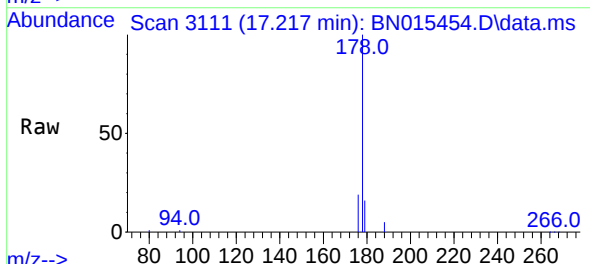
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ClientSampleId :
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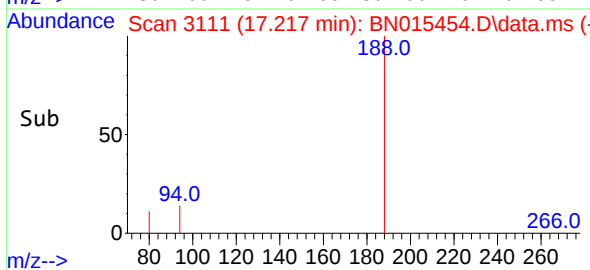
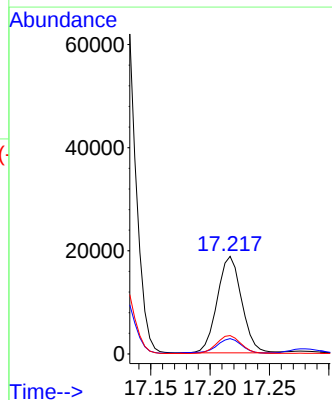
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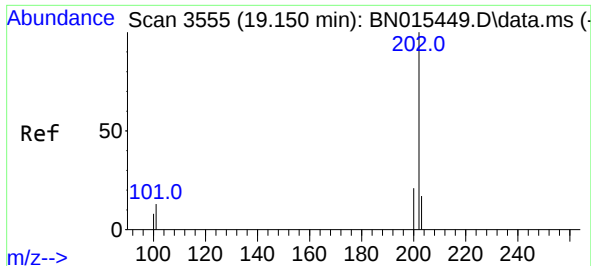


#16
Anthracene
Concen: 0.682 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02



Tgt Ion:178 Resp: 26771
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.9 15.2 22.8





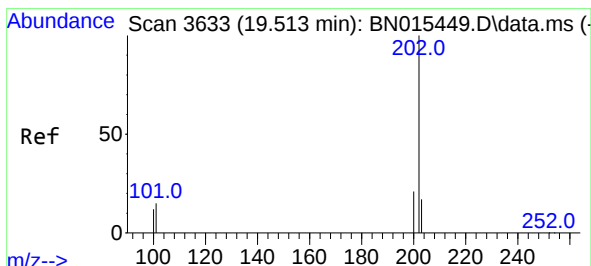
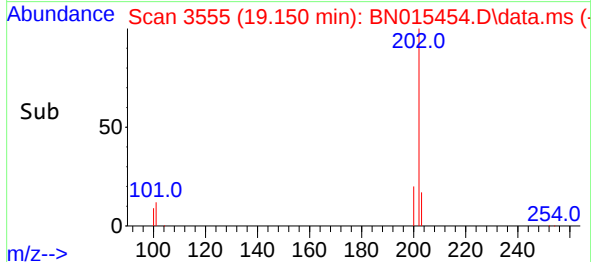
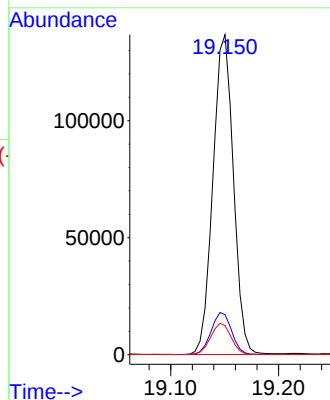
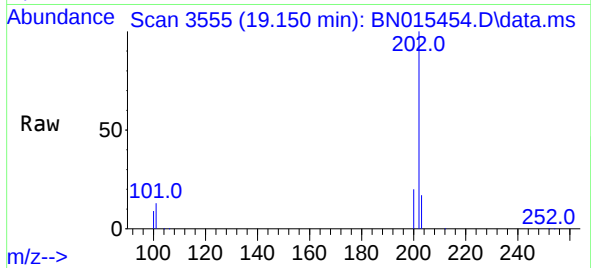
#19
Fluoranthene
Concen: 3.851 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.001 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:202 Resp: 180411
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.1 7.4 11.0

Instrument :
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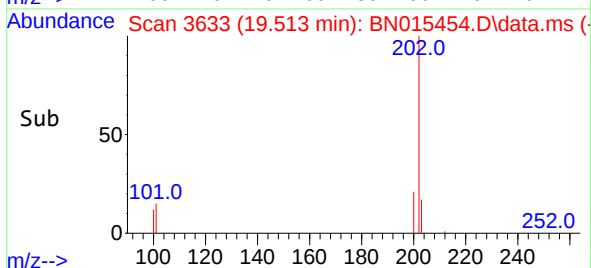
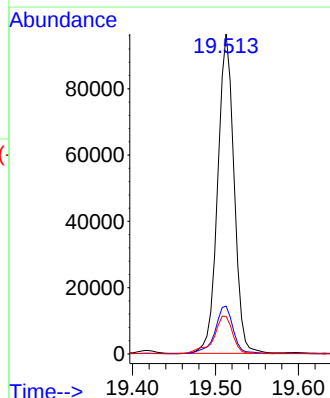
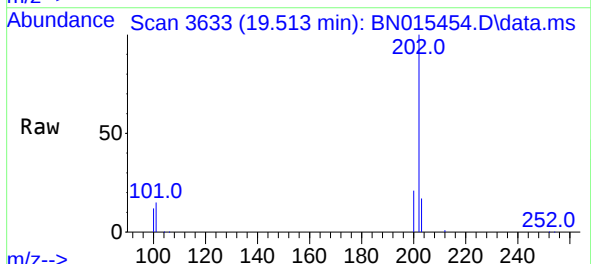
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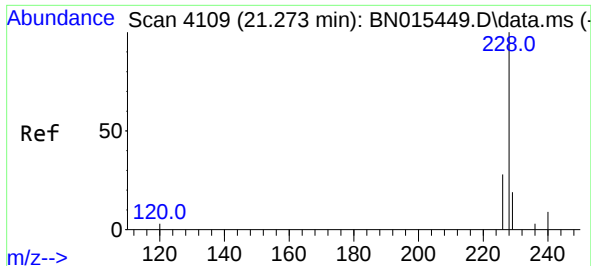
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#20
Pyrene
Concen: 2.801 ng/ul
RT: 19.513 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:202 Resp: 131616
Ion Ratio Lower Upper
202 100
101 14.9 12.0 18.0
100 11.8 9.6 14.4





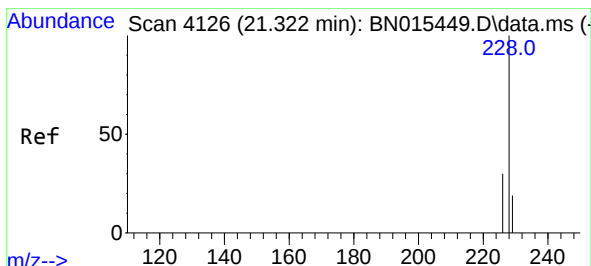
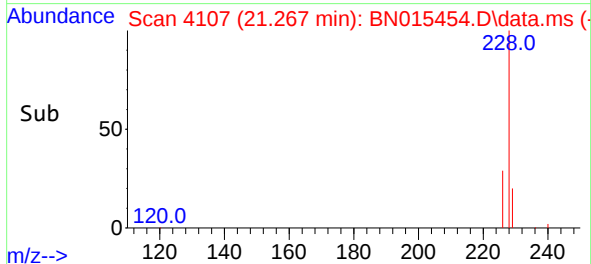
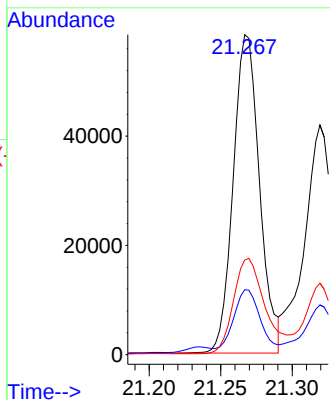
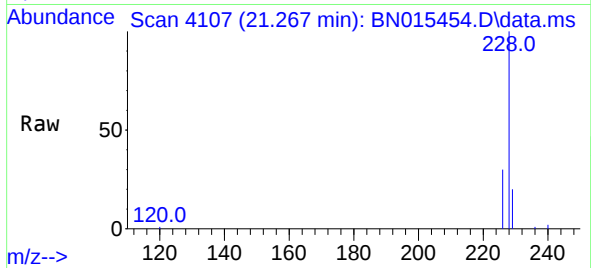
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Benzo(a)anthracene
Concen: 1.993 ng/ul
RT: 21.267 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:228	Resp:	74842
Ion Ratio	Lower	Upper
228	100	
229	20.3	15.8 23.8
226	29.6	21.8 32.8

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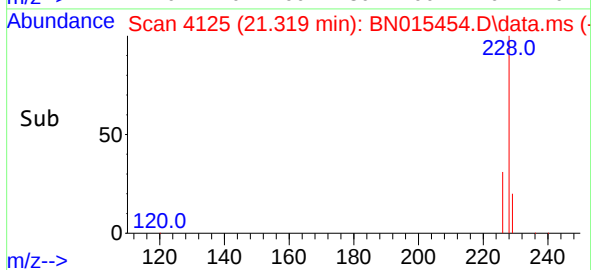
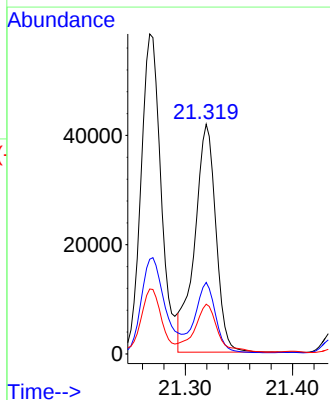
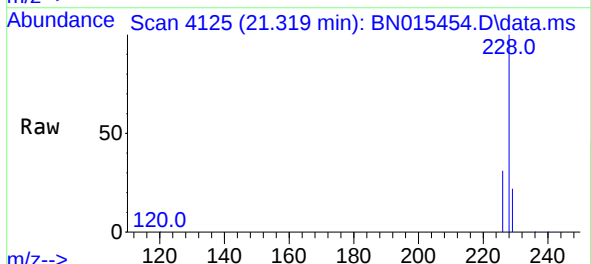
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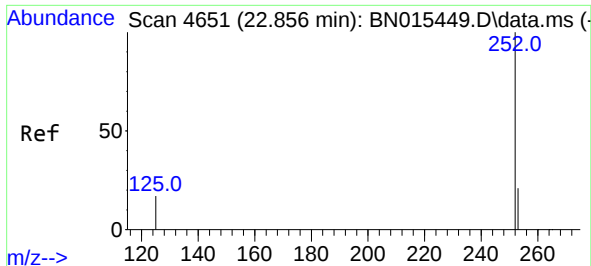
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#22
Chrysene
Concen: 1.275 ng/ul
RT: 21.319 min Scan# 4125
Delta R.T. -0.002 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:228	Resp:	57306
Ion Ratio	Lower	Upper
228	100	
226	31.2	24.6 37.0
229	21.7	15.7 23.5





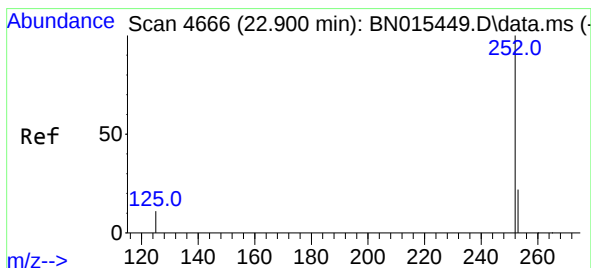
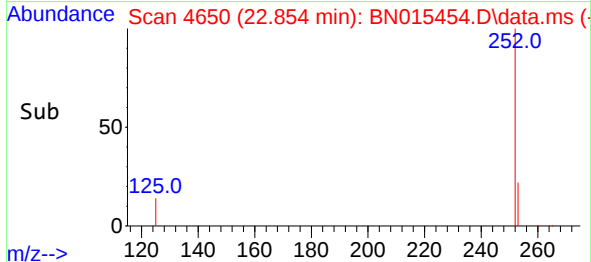
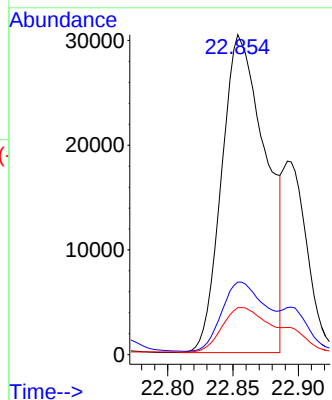
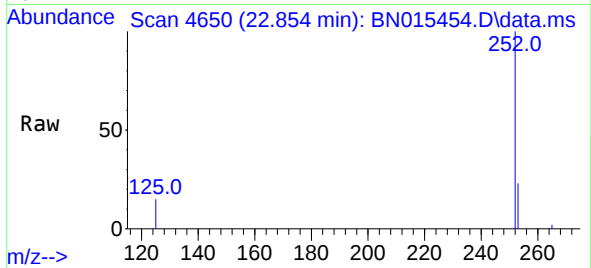
#24
Benzo(b)fluoranthene
Concen: 1.742 ng/ul m
RT: 22.854 min Scan# 4650
Delta R.T. -0.002 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:252 Resp: 71262
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 14.7 0.0 28.4

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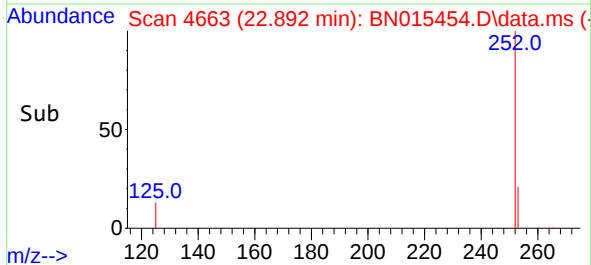
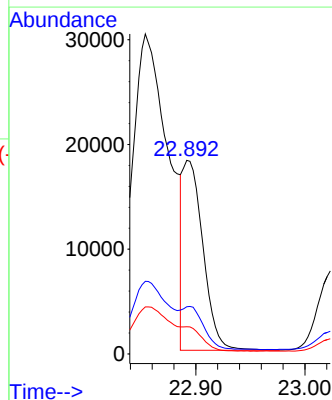
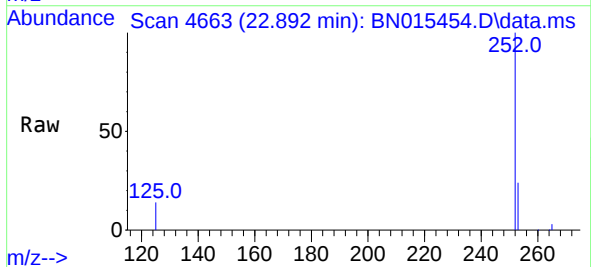
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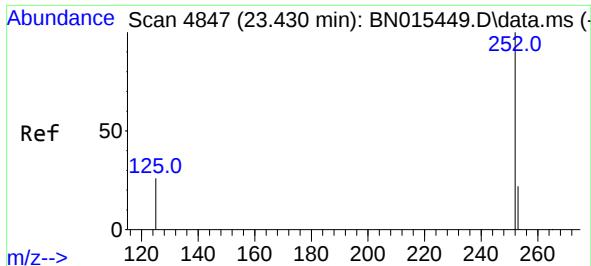
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#25
Benzo(k)fluoranthene
Concen: 0.506 ng/ul m
RT: 22.892 min Scan# 4663
Delta R.T. -0.008 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

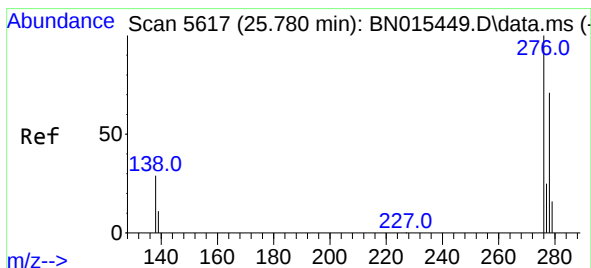
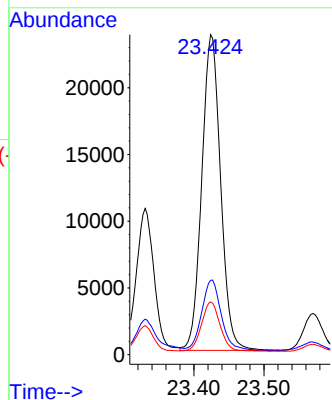
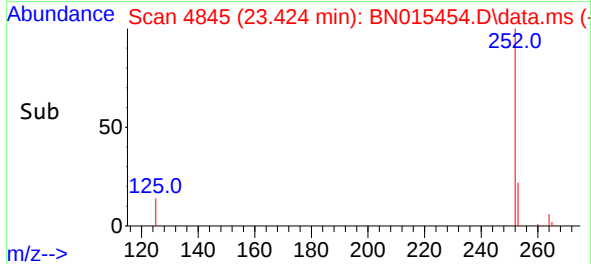
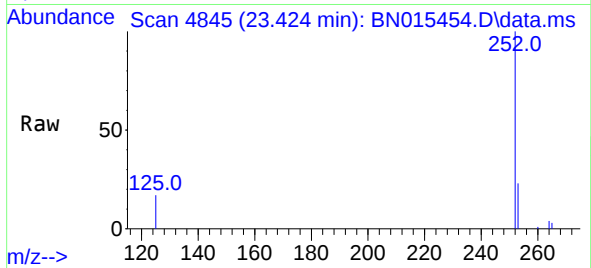
Tgt Ion:252 Resp: 23376
Ion Ratio Lower Upper
252 100
253 24.4 18.1 27.1
125 14.1 11.5 17.3





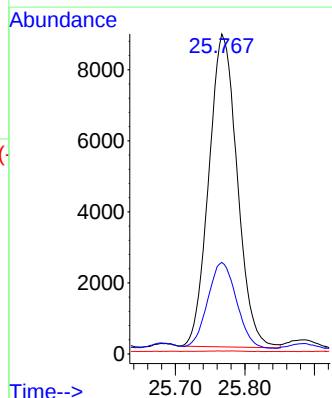
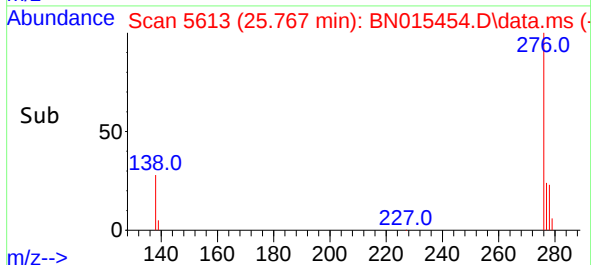
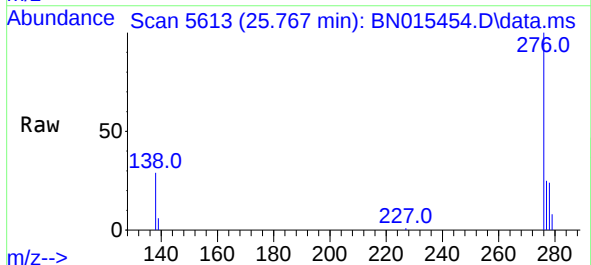
#26
Benzo(a)pyrene
Concen: 1.287 ng/ul
RT: 23.424 min Scan# 4845
Delta R.T. -0.005 min
Lab File: BN015454.D
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Tgt Ion:	252	Resp:	44238
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	16.5	13.5	20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.602 ng/ul
RT: 25.767 min Scan# 5613
Delta R.T. -0.009 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

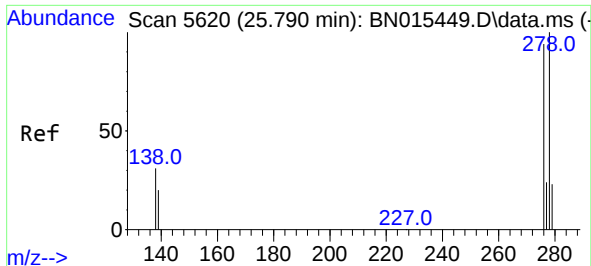
Tgt Ion:	276	Resp:	24975
Ion Ratio	Lower	Upper	
276	100		
138	28.4	26.3	39.5
227	0.2	0.1	0.1#



Instrument :
BNA_N
ClientSampleId :
BGDS3DL

Manual Integrations
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7/12/2021 9:33:08 AM



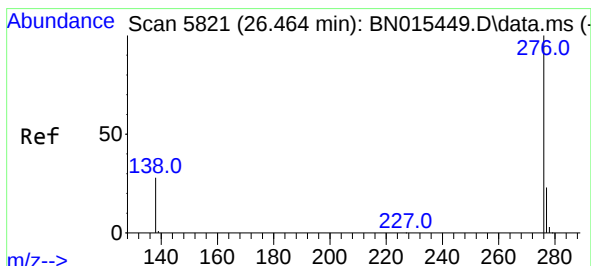
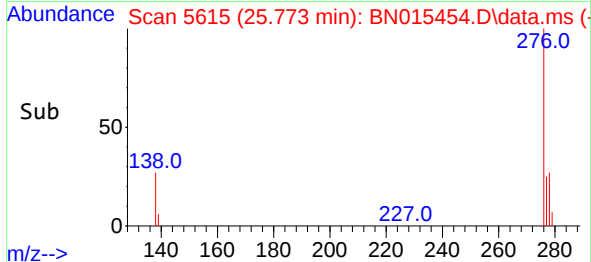
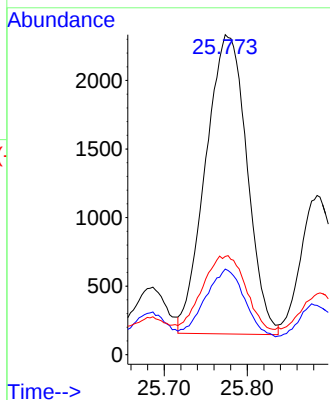
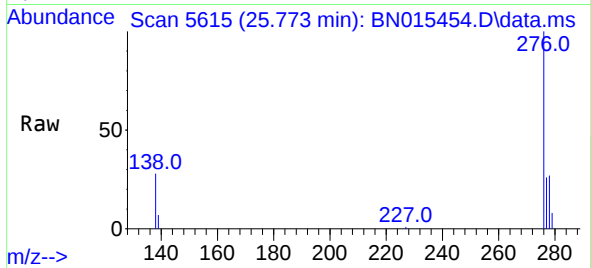
#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.773 min Scan# 5615
Delta R.T. -0.016 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:278 Resp: 7544
Ion Ratio Lower Upper
278 100
139 26.7 18.9 28.3
279 30.7 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDS3DL

Manual Integrations
APPROVED

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7/12/2021 9:33:08 AM



#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.454 min Scan# 5818
Delta R.T. -0.009 min
Lab File: BN015454.D
Acq: 09 Jul 2021 20:02

Tgt Ion:276 Resp: 2304
Ion Ratio Lower Upper
276 100
138 37.9 23.0 34.4#
277 34.6 19.3 28.9#

