

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015155.D
 Acq On : 27 Jun 2021 16:16
 Operator : CG/JU
 Sample : M2704-05
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD86

Manual Integrations
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Quant Time: Jun 28 01:28:39 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 : Tue Jun 22 11:53:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	3867	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13646	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.349	164	7722	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.099	188	16177	0.400	ng/ul	-0.01
17) Chrysene-d12	21.299	240	13820	0.400	ng/ul	#-0.01
23) Perylene-d12	23.547	264	13415	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	13091	3.003	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.085	152	4349	0.203	ng/ul	-0.02
18) Fluoranthene-d10	19.132	212	10584	0.233	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.546	128	8047	0.185	ng/ul	98
7) 2-Methylnaphthalene	12.162	142	2567	0.090	ng/ul	98
8) 1-Methylnaphthalene	12.382	142	2053	0.075	ng/ul	99
10) Acenaphthylene	14.071	152	10983	0.275	ng/ul	98
11) Acenaphthene	14.414	153	2765	0.090	ng/ul	99
12) Fluorene	15.404	166	10387	0.307	ng/ul	99
15) Phenanthrene	17.141	178	112734	1.920	ng/ul	99
16) Anthracene	17.229	178	31489	0.608	ng/ul	99
19) Fluoranthene	19.160	202	170983	2.677	ng/ul	97
20) Pyrene	19.527	202	146493	2.287	ng/ul	99
21) Benzo(a)anthracene	21.284	228	87133	1.702	ng/ul	95
22) Chrysene	21.337	228	78468	1.280	ng/ul	97
24) Benzo(b)fluoranthene	22.877	252	91421m	1.459	ng/ul	
25) Benzo(k)fluoranthene	22.915	252	32908m	0.465	ng/ul	
26) Benzo(a)pyrene	23.450	252	64308	1.222	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.804	276	40571	0.638	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.814	278	12730	0.255	ng/ul#	84
29) Benzo(g,h,i)perylene	26.495	276	31940	0.542	ng/ul	96

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

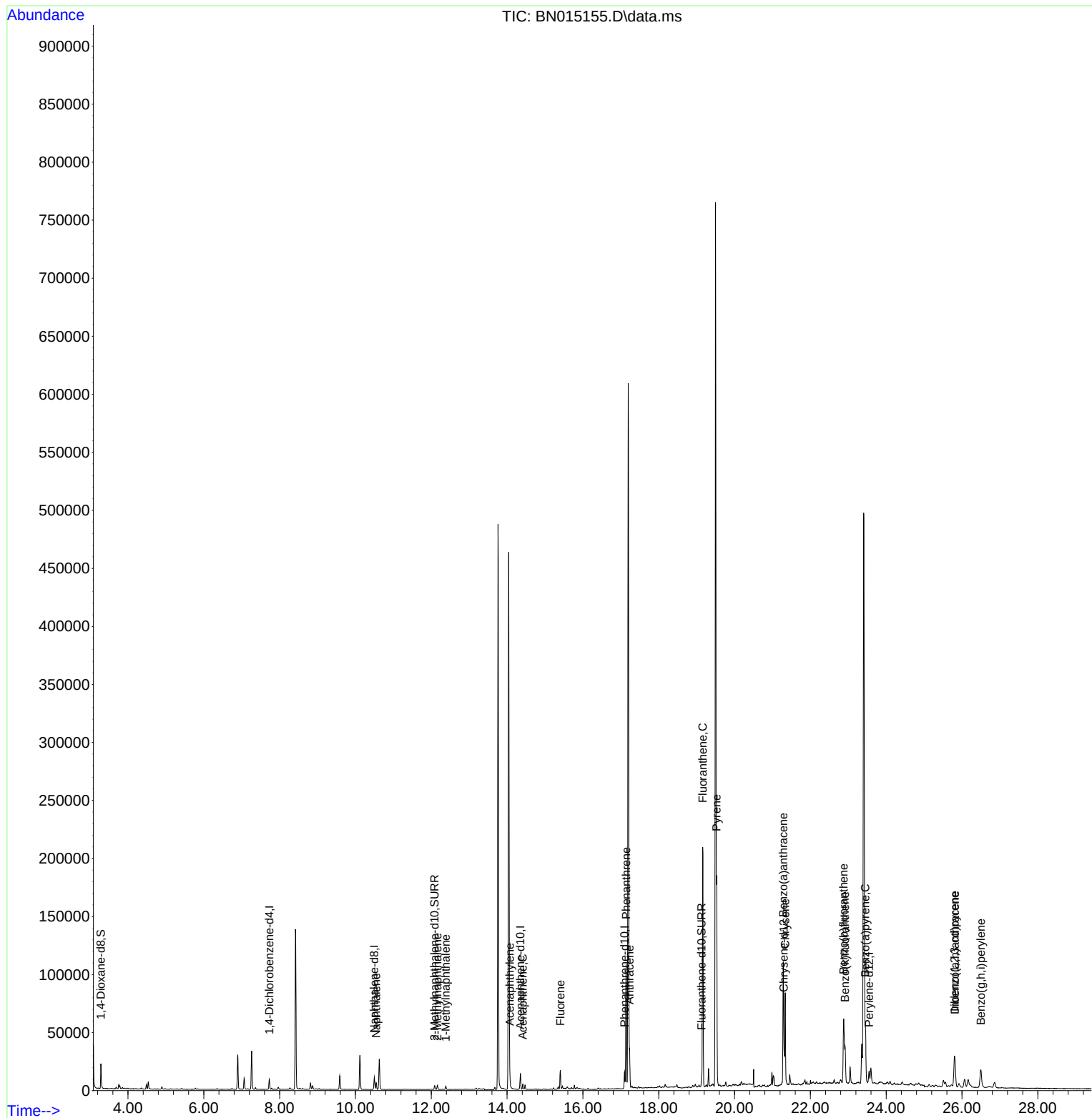
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015155.D
Acq On : 27 Jun 2021 16:16
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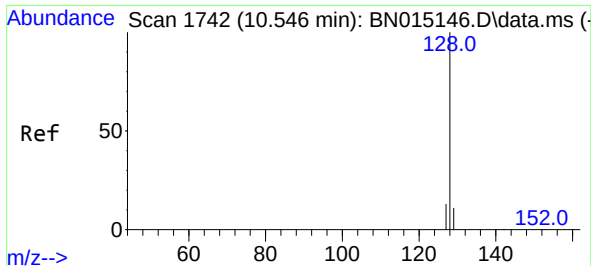
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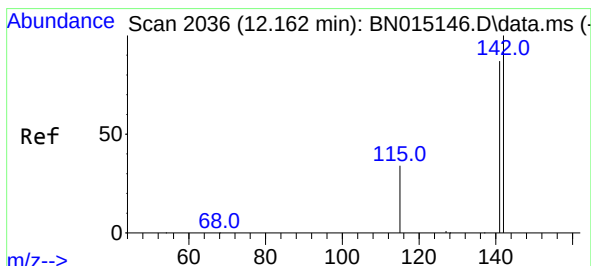
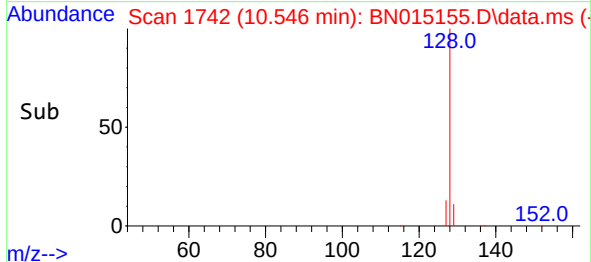
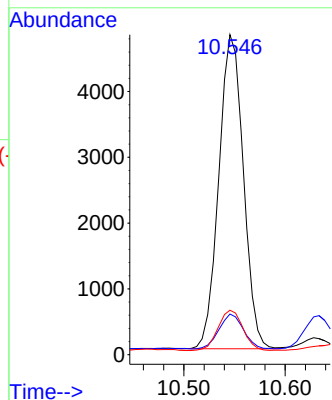
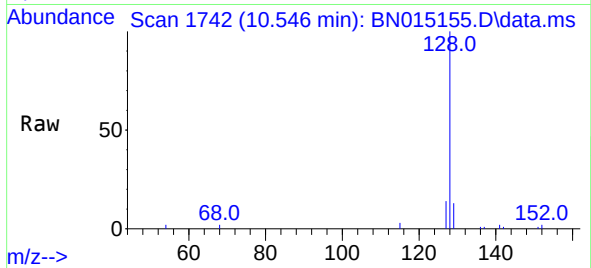
#5
Naphthalene
Concen: 0.185 ng/ul
RT: 10.546 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:	128	Resp:	8047
Ion Ratio	Lower	Upper	
128	100		
129	12.7	9.3	13.9
127	13.9	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
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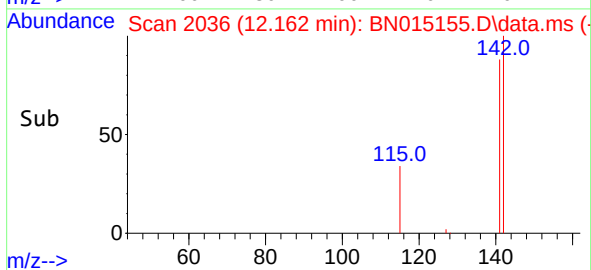
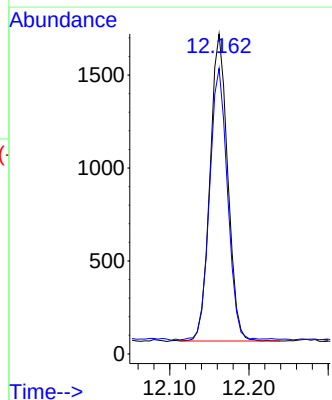
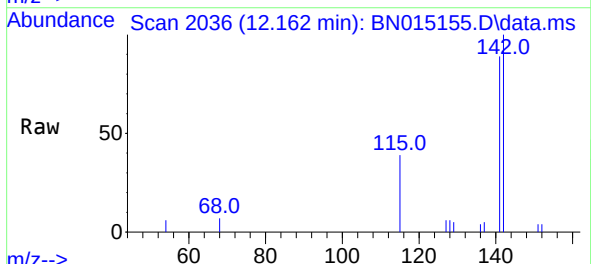
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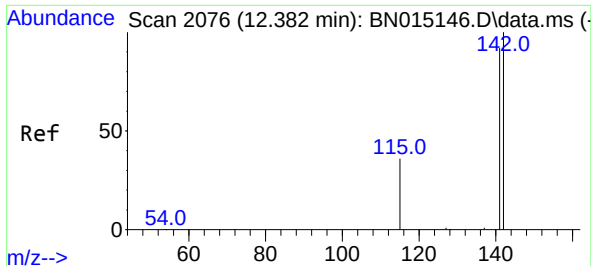
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#7
2-Methylnaphthalene
Concen: 0.090 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:	142	Resp:	2567
Ion Ratio	Lower	Upper	
142	100		
141	89.9	70.3	105.5





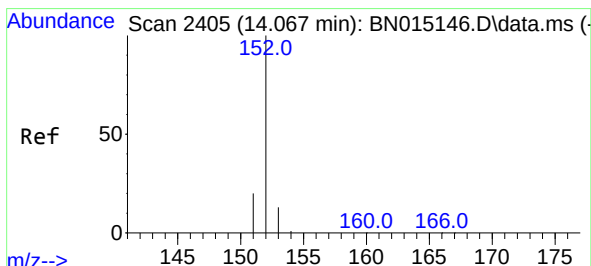
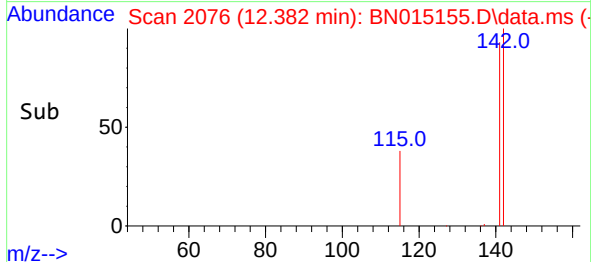
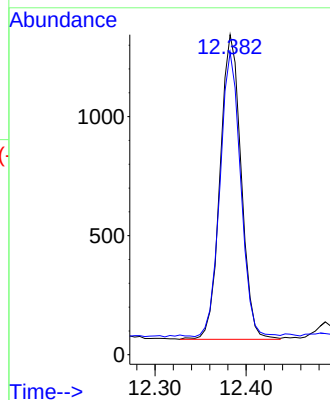
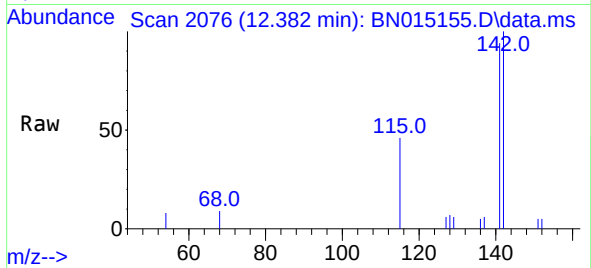
#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:142 Resp: 2053
Ion Ratio Lower Upper
142 100
141 91.6 74.2 111.4

Instrument :
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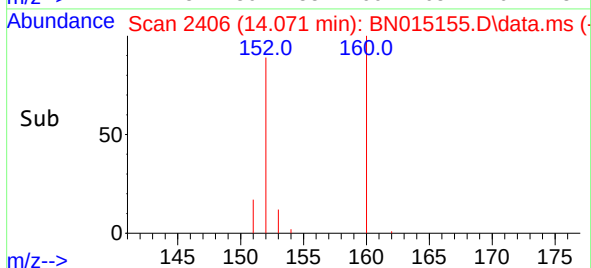
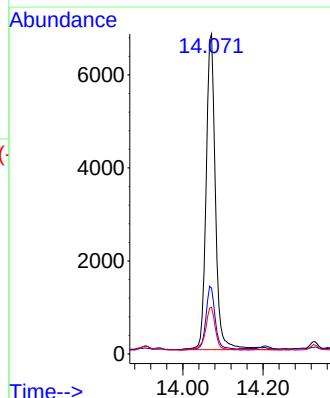
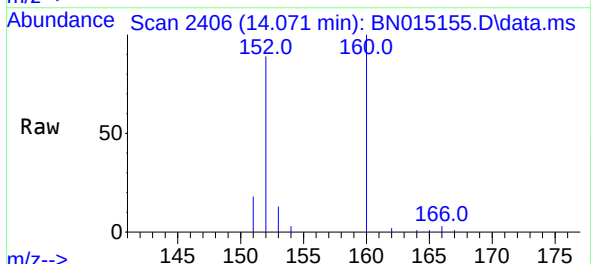
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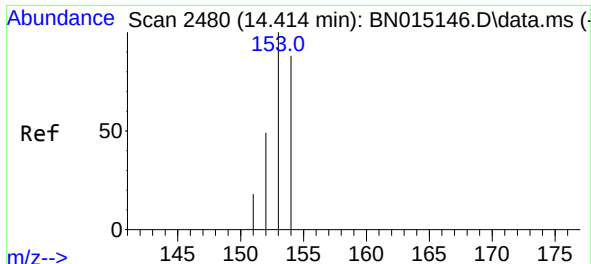
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#10
Acenaphthylene
Concen: 0.275 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

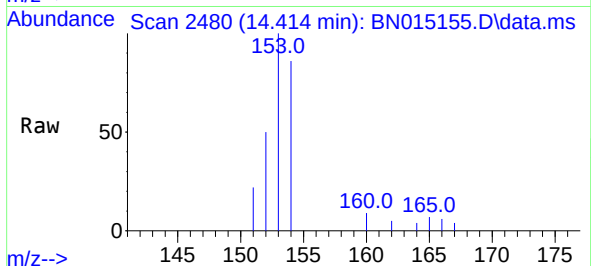
Tgt Ion:152 Resp: 10983
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 14.6 10.9 16.3





#11
Acenaphthene
Concen: 0.090 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

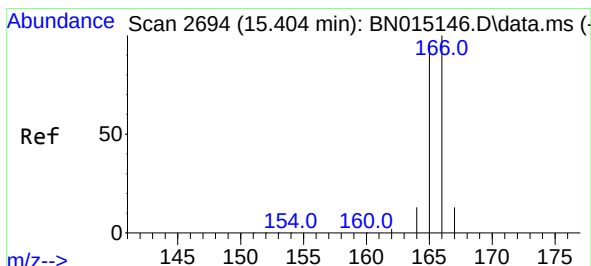
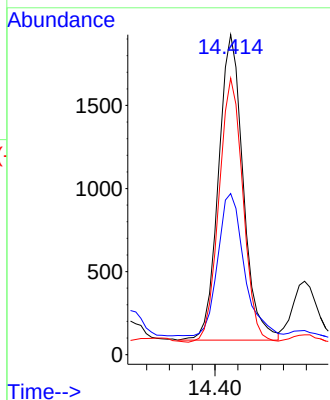
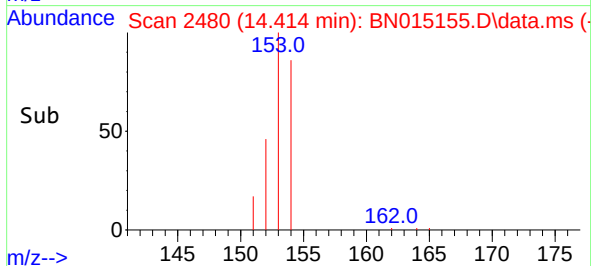
Instrument :
BNA_N
ClientSampleId :
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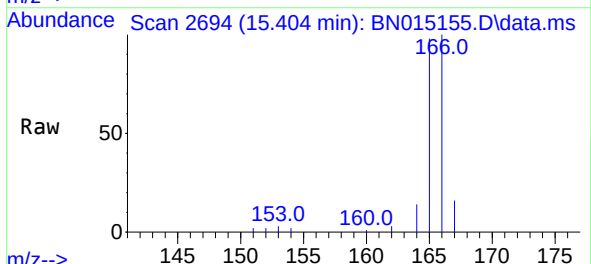
Tgt Ion:153 Resp: 2765
Ion Ratio Lower Upper
153 100
152 50.4 39.8 59.6
154 86.4 69.8 104.8

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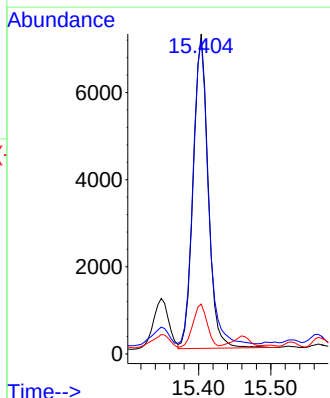
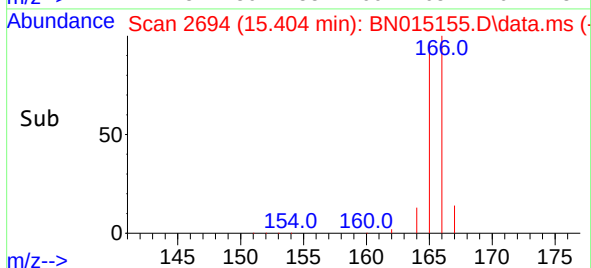
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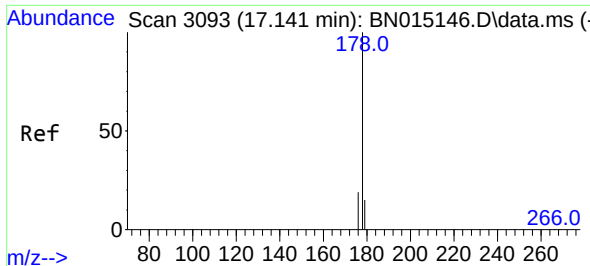


#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16



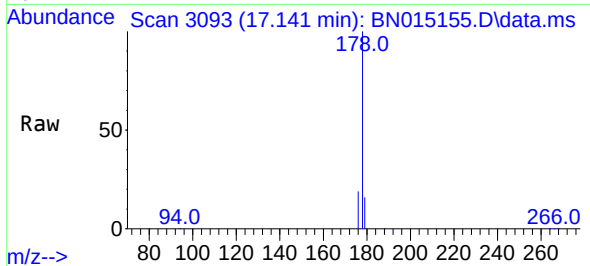
Tgt Ion:166 Resp: 10387
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 15.6 11.2 16.8





#15
Phenanthrene
Concen: 1.920 ng/ul
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

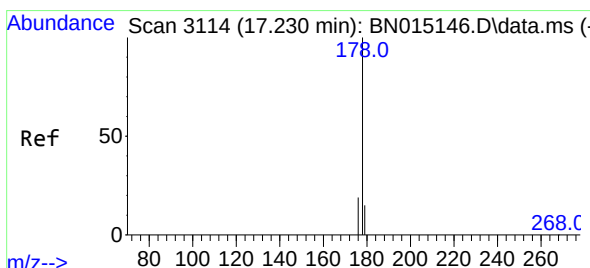
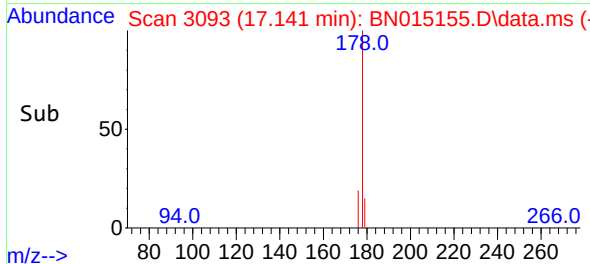
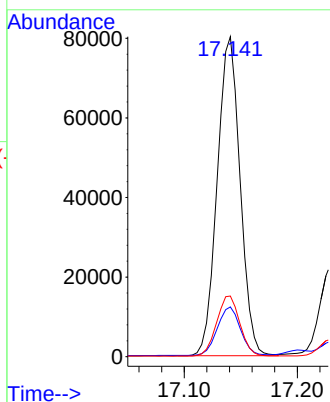
Instrument :
BNA_N
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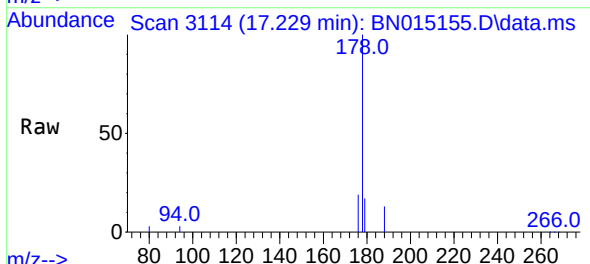
Tgt Ion:178 Resp: 112734
Ion Ratio Lower Upper
178 100
179 15.6 12.3 18.5
176 19.0 15.5 23.3

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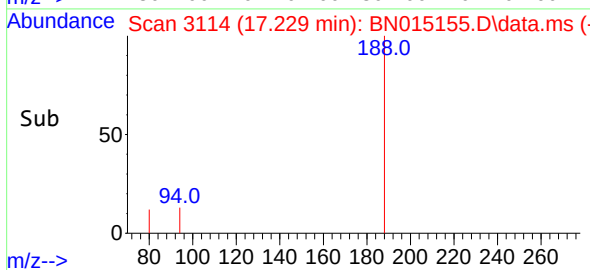
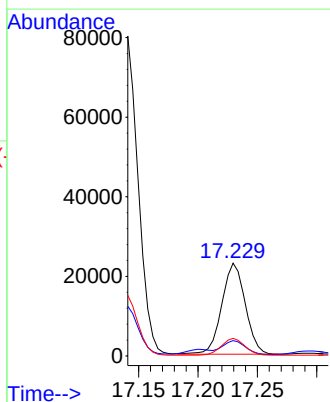
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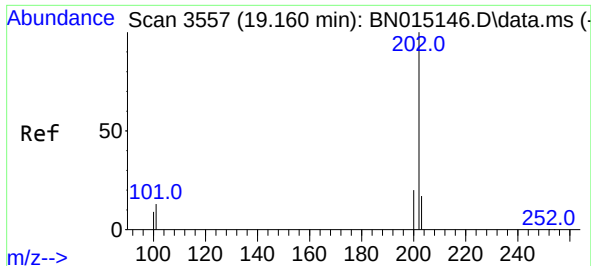


#16
Anthracene
Concen: 0.608 ng/ul
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

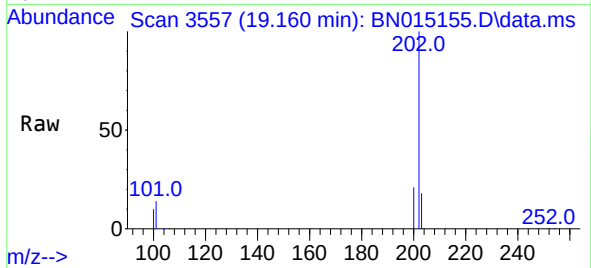


Tgt Ion:178 Resp: 31489
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.0 15.2 22.8

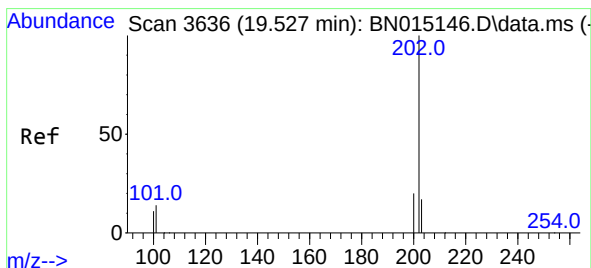
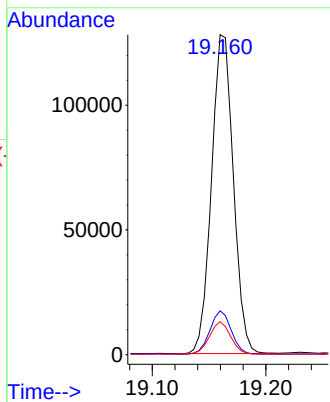
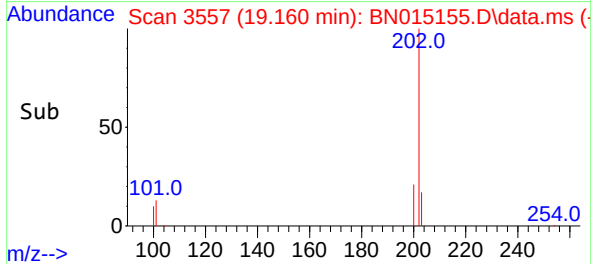




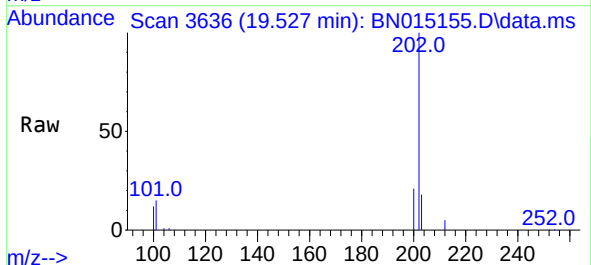
#19
Fluoranthene
Concen: 2.677 ng/u1
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16



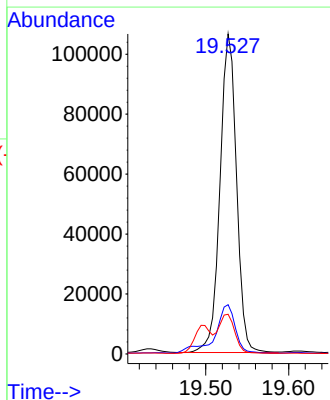
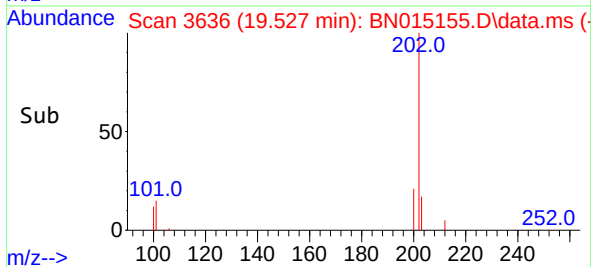
Tgt Ion:202 Resp: 170983
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.3 7.4 11.0



#20
Pyrene
Concen: 2.287 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16



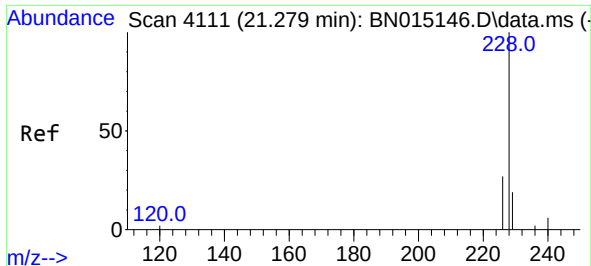
Tgt Ion:202 Resp: 146493
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.4 9.6 14.4



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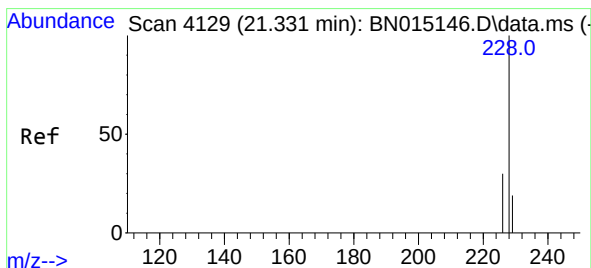
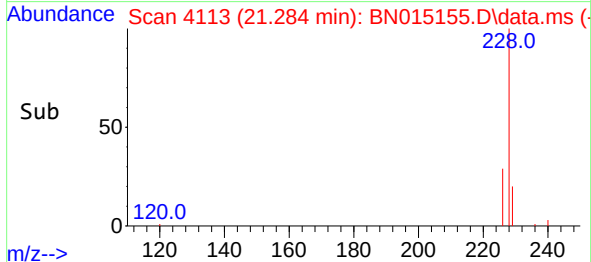
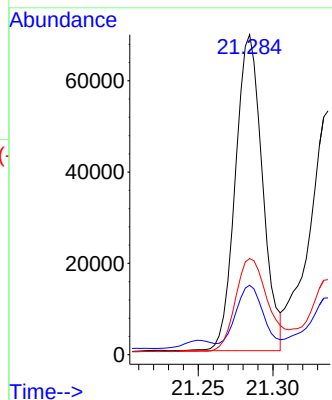
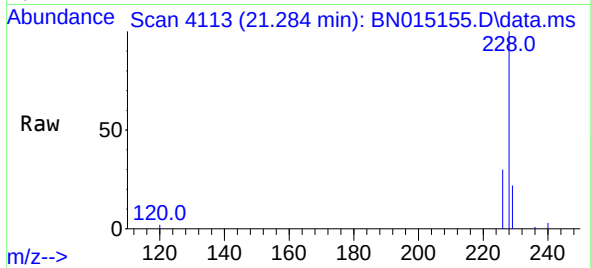
#21
Benzo(a)anthracene
Concen: 1.702 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:228 Resp: 87133
Ion Ratio Lower Upper
228 100
229 21.7 15.8 23.8
226 30.1 21.8 32.8

Instrument :
BNA_N
ClientSampleId :
BGD86

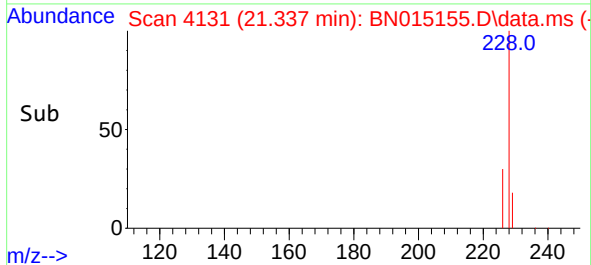
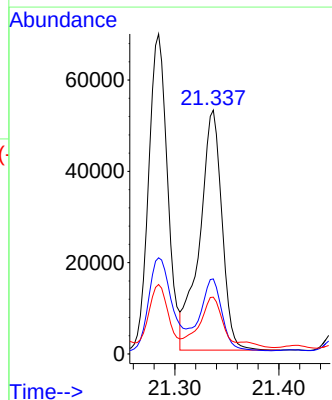
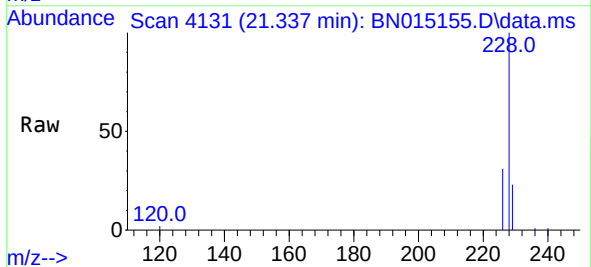
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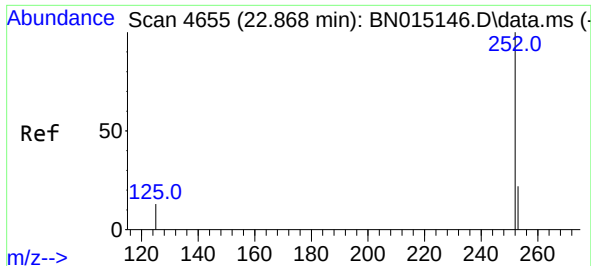
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#22
Chrysene
Concen: 1.280 ng/ul
RT: 21.337 min Scan# 4131
Delta R.T. -0.012 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

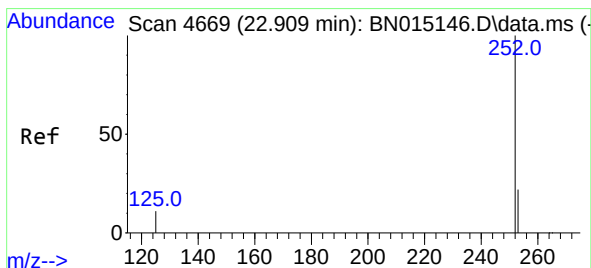
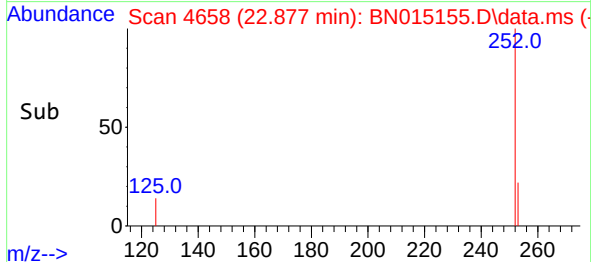
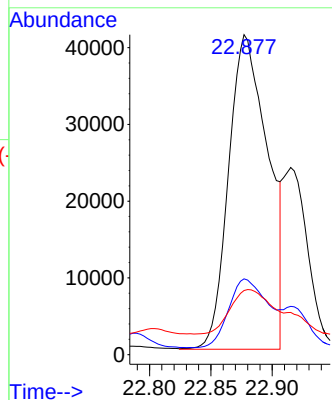
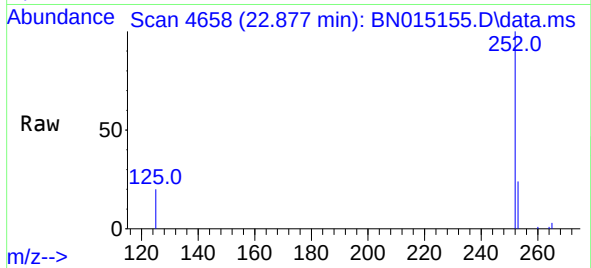
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Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 23.3 15.7 23.5





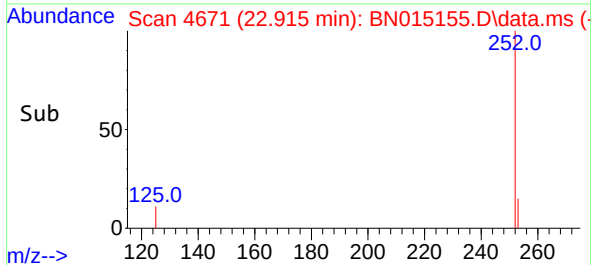
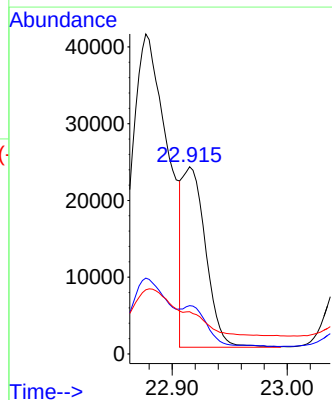
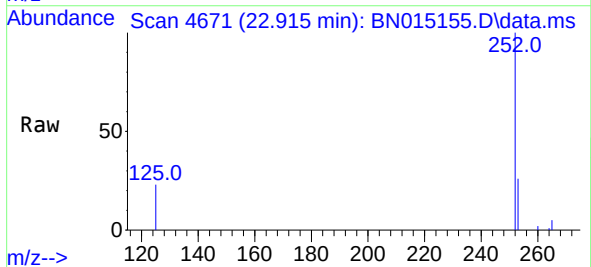
#24
Benzo(b)fluoranthene
Concen: 1.459 ng/ul m
RT: 22.877 min Scan# 4658
Delta R.T. -0.018 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:	252	Resp:	91421
Ion Ratio	Lower	Upper	
252	100		
253	23.7	0.0	45.6
125	20.0	0.0	28.4



#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul m
RT: 22.915 min Scan# 4671
Delta R.T. -0.023 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

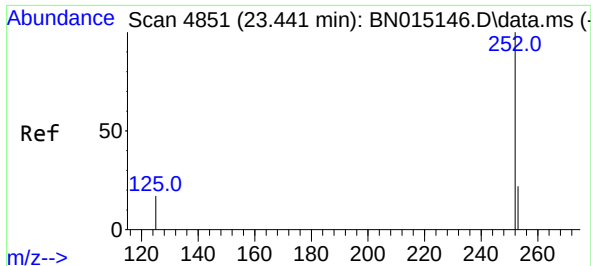
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Ion Ratio	Lower	Upper	
252	100		
253	25.8	18.1	27.1
125	22.6	11.5	17.3



Instrument :
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ClientSampled :
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Manual Integrations
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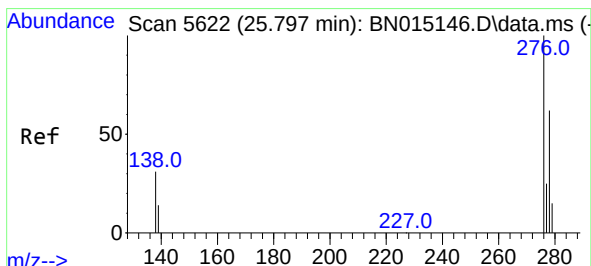
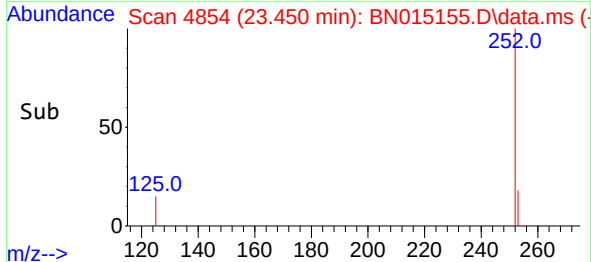
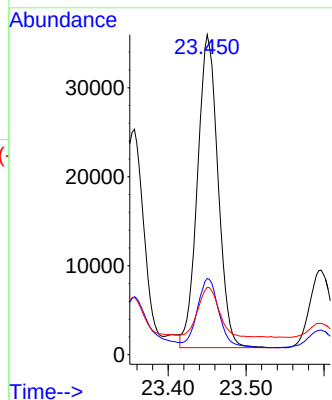
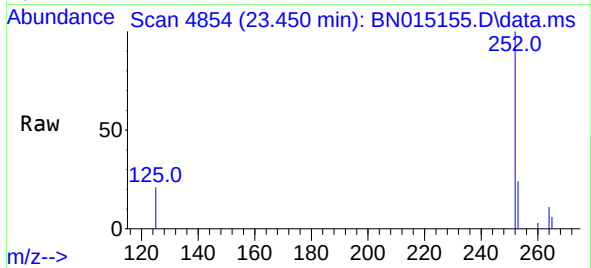
#26
Benzo(a)pyrene
Concen: 1.222 ng/ul
RT: 23.450 min Scan# 4854
Delta R.T. -0.020 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:252 Resp: 64308
Ion Ratio Lower Upper
252 100
253 23.8 18.9 28.3
125 21.1 13.5 20.3#

Instrument :
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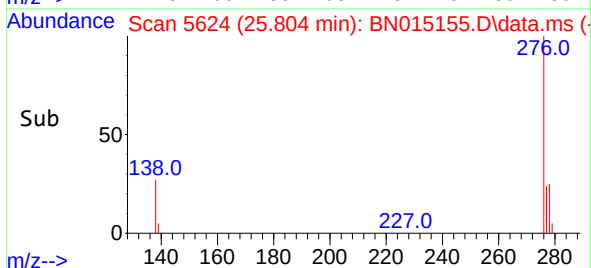
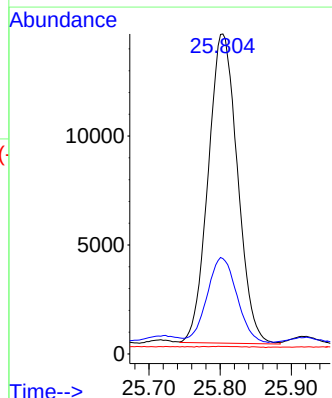
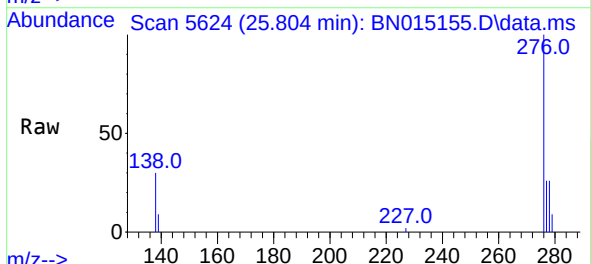
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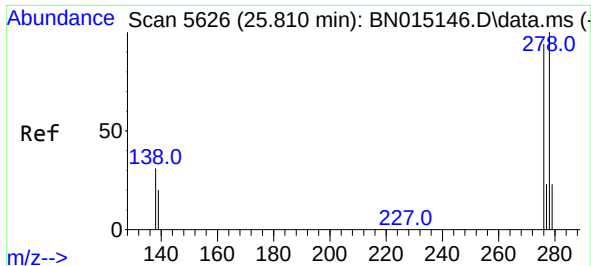
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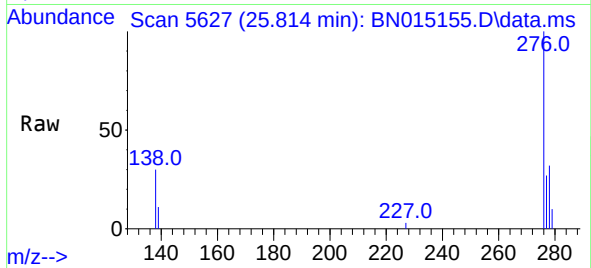
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.638 ng/ul
RT: 25.804 min Scan# 5624
Delta R.T. -0.037 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16

Tgt Ion:276 Resp: 40571
Ion Ratio Lower Upper
276 100
138 27.7 26.3 39.5
227 0.2 0.1 0.1#

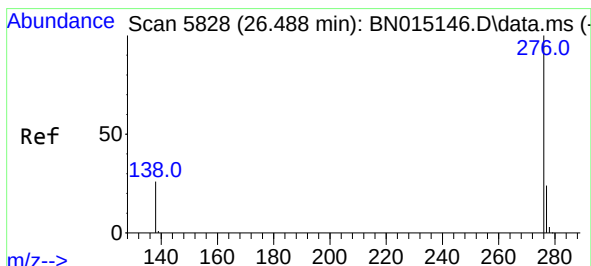
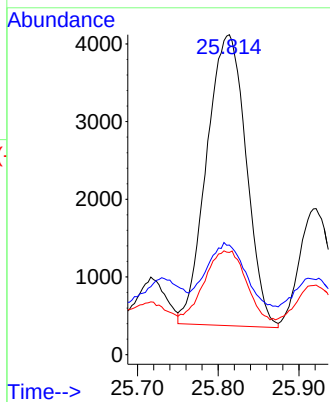
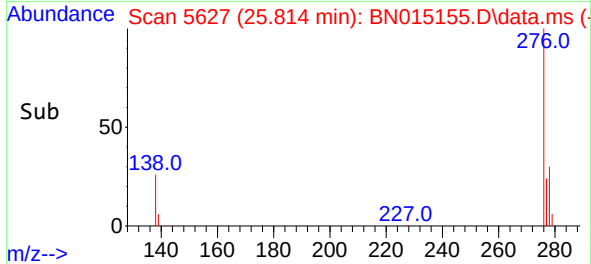




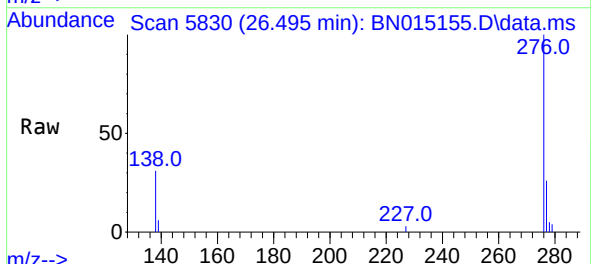
#28
Dibenzo(a,h)anthracene
Concen: 0.255 ng/ul
RT: 25.814 min Scan# 5627
Delta R.T. -0.047 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16



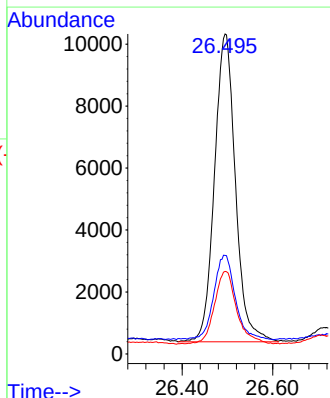
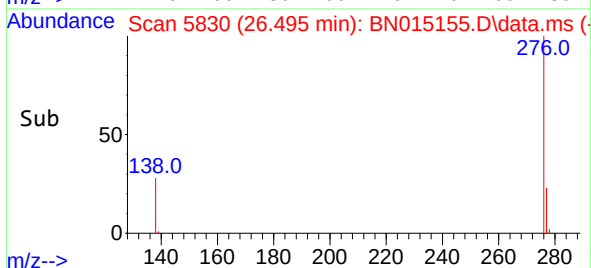
Tgt Ion:278 Resp: 12730
Ion Ratio Lower Upper
278 100
139 34.3 18.9 28.3#
279 31.9 20.8 31.2#



#29
Benzo(g,h,i)perylene
Concen: 0.542 ng/ul
RT: 26.495 min Scan# 5830
Delta R.T. -0.030 min
Lab File: BN015155.D
Acq: 27 Jun 2021 16:16



Tgt Ion:276 Resp: 31940
Ion Ratio Lower Upper
276 100
138 30.8 23.0 34.4
277 25.8 19.3 28.9



Instrument :
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ClientSampleId :
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