

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015143.D
 Acq On : 27 Jun 2021 07:57
 Operator : CG/JU
 Sample : M2704-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDM5

Manual Integrations
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Quant Time: Jun 28 01:26:56 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	3552	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	12433	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.349	164	6958	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.098	188	14620m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.296	240	13352	0.400	ng/ul	-0.02
23) Perylene-d12	23.541	264	12383	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	16784	4.192	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4915	0.252	ng/ul	-0.01
18) Fluoranthene-d10	19.127	212	10968	0.250	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	10379	0.262	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	4735	0.182	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	3536	0.141	ng/ul	98
10) Acenaphthylene	14.071	152	13710	0.381	ng/ul	98
11) Acenaphthene	14.414	153	2838	0.103	ng/ul	98
12) Fluorene	15.404	166	16403	0.538	ng/ul	99
15) Phenanthrene	17.136	178	130926	2.467	ng/ul	100
16) Anthracene	17.229	178	34701	0.742	ng/ul	99
19) Fluoranthene	19.160	202	119723	1.940	ng/ul	98
20) Pyrene	19.527	202	93947	1.518	ng/ul	99
21) Benzo(a)anthracene	21.278	228	49310	0.997	ng/ul	96
22) Chrysene	21.331	228	42617	0.720	ng/ul	96
24) Benzo(b)fluoranthene	22.868	252	48453m	0.838	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	17882m	0.274	ng/ul	
26) Benzo(a)pyrene	23.444	252	34777	0.716	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.794	276	20964	0.357	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.797	278	5952	0.129	ng/ul#	81
29) Benzo(g,h,i)perylene	26.481	276	16378	0.301	ng/ul	97

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

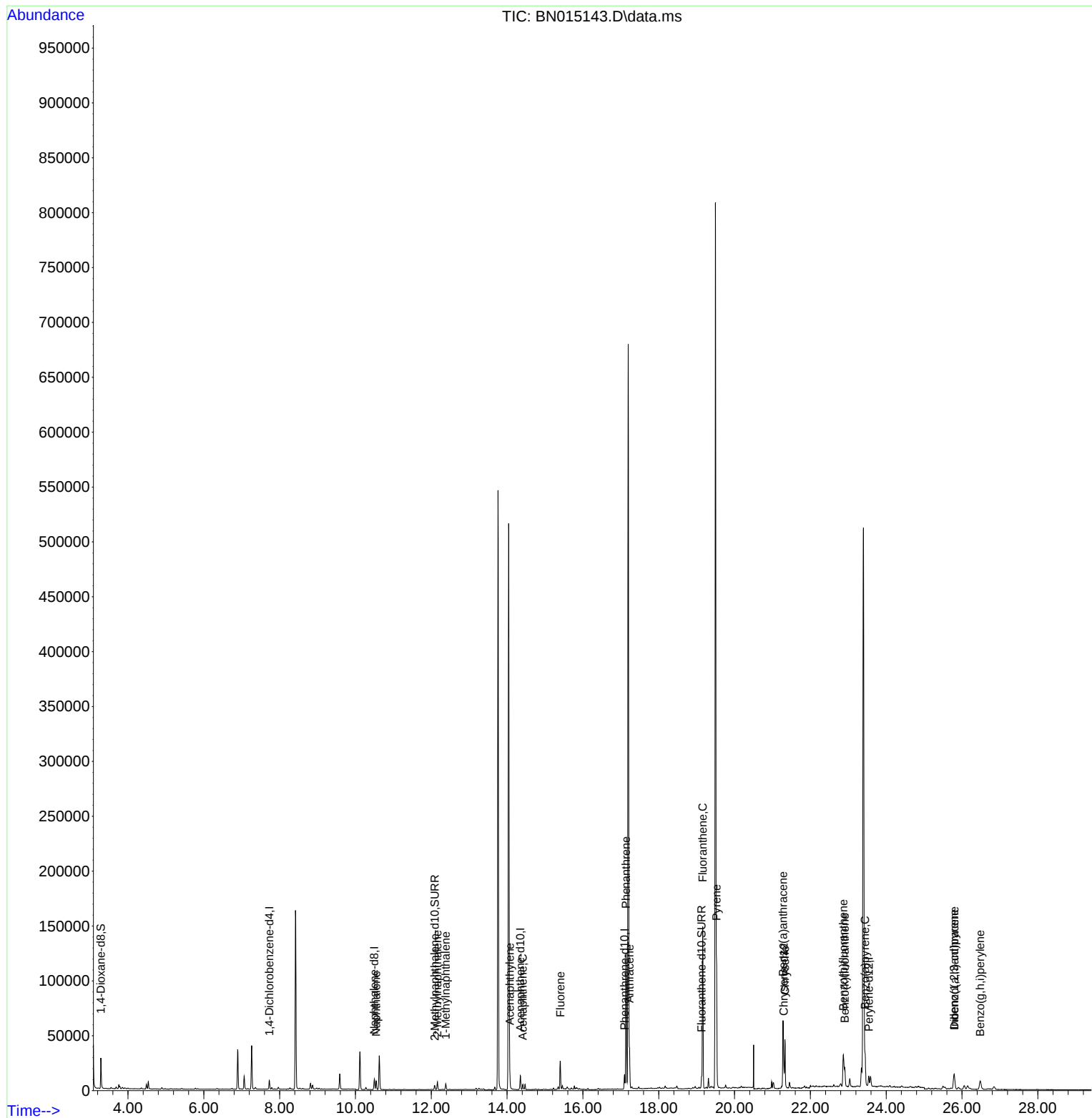
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Data File : BN015143.D
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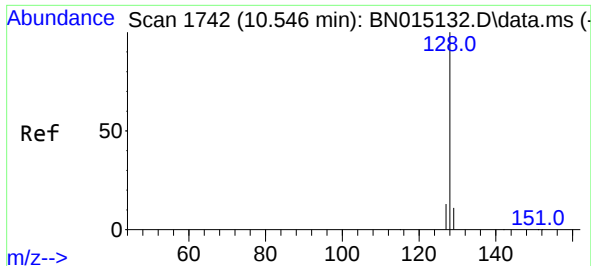
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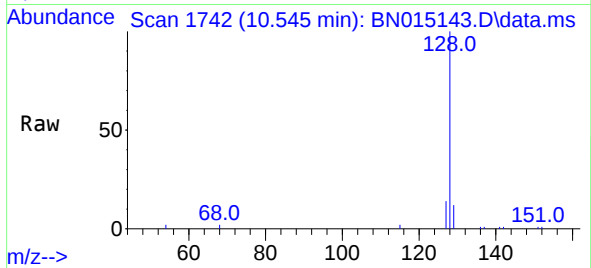
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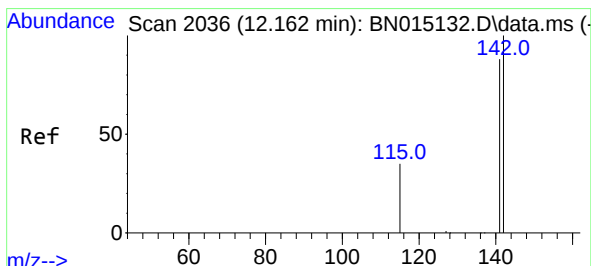
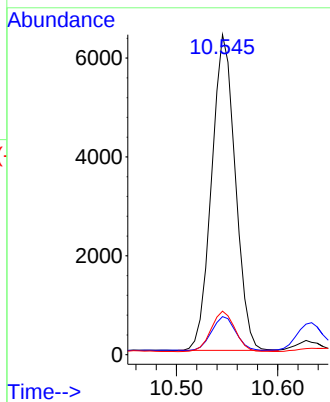
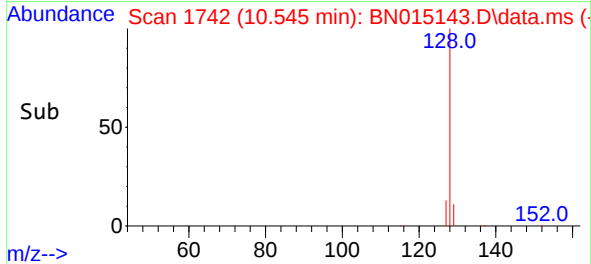




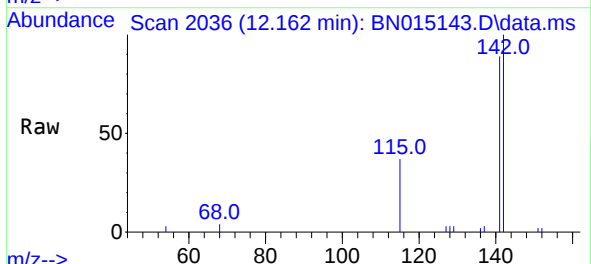
#5
Naphthalene
Concen: 0.262 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



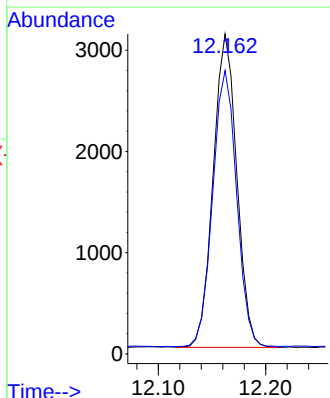
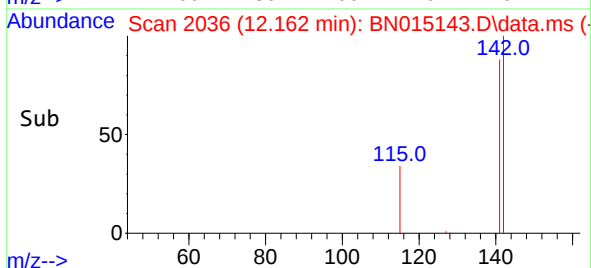
Tgt Ion:128 Resp: 10379
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 13.6 10.8 16.2



#7
2-Methylnaphthalene
Concen: 0.182 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



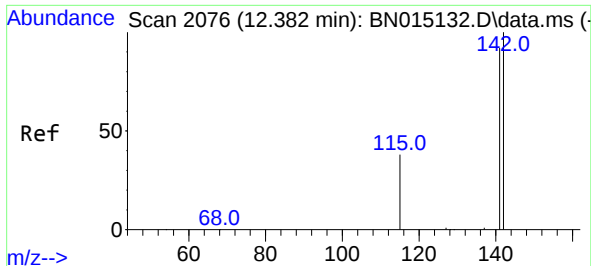
Tgt Ion:142 Resp: 4735
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5



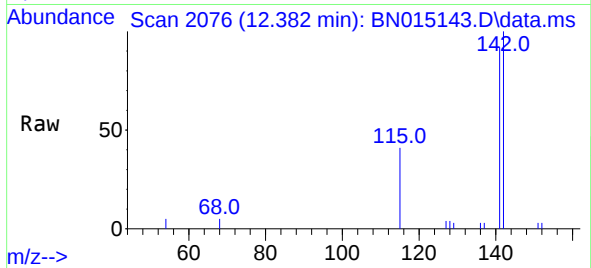
Instrument :
BNA_N
ClientSampleId :
BGDM5

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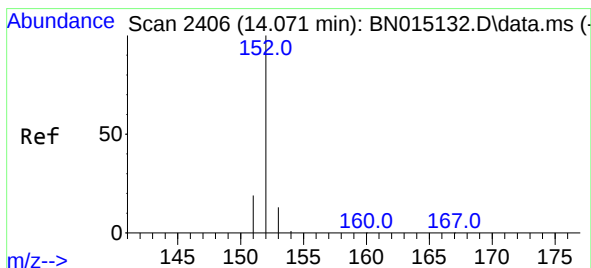
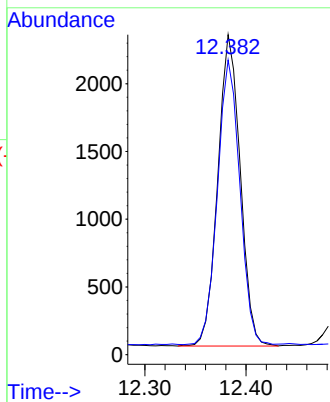
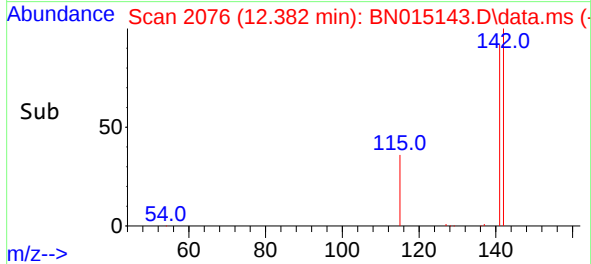
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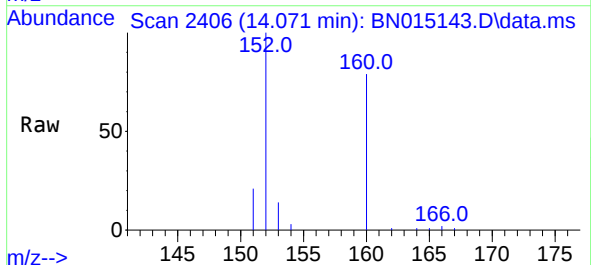
#8
1-Methylnaphthalene
Concen: 0.141 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



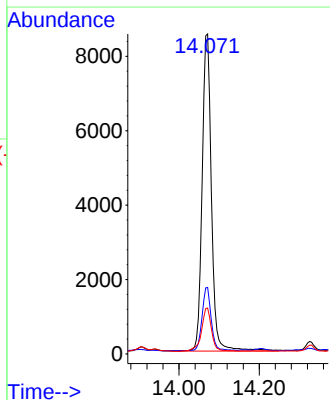
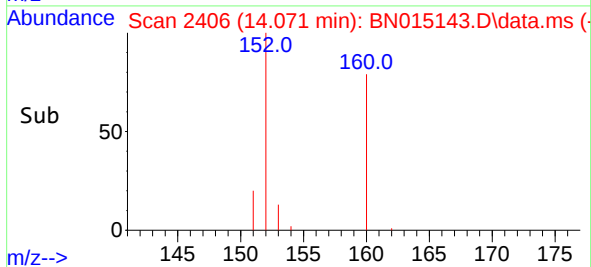
Tgt Ion:142 Resp: 3536
Ion Ratio Lower Upper
142 100
141 91.1 74.2 111.4



#10
Acenaphthylene
Concen: 0.381 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



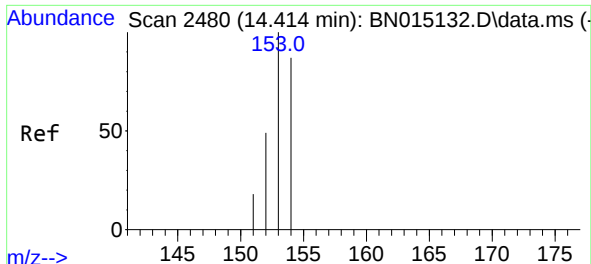
Tgt Ion:152 Resp: 13710
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.3 10.9 16.3



Instrument :
BNA_N
ClientSampled :
BGDM5

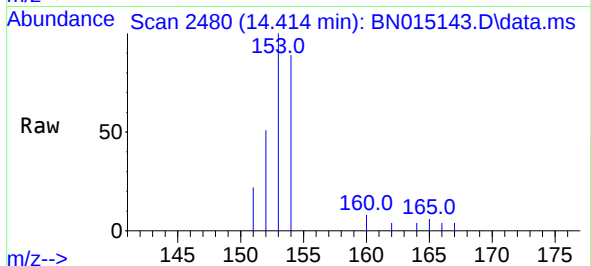
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#11
Acenaphthene
Concen: 0.103 ng/u1
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

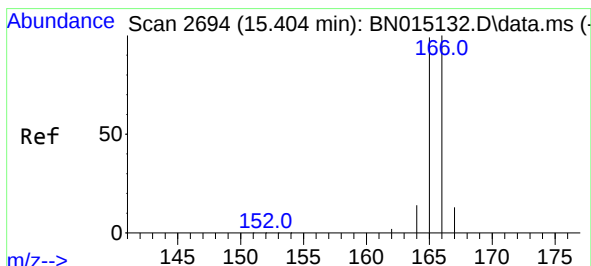
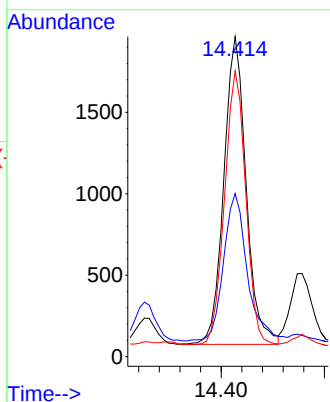
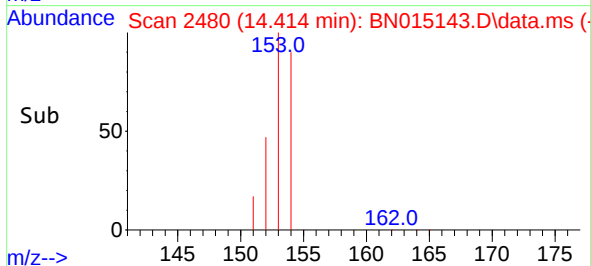
Instrument :
BNA_N
ClientSampled :
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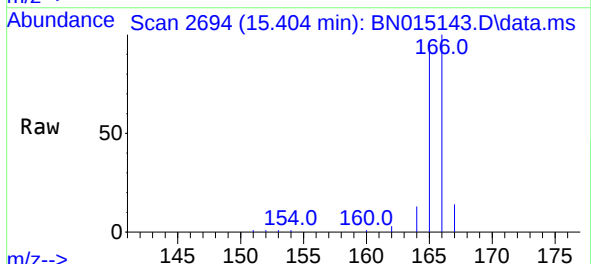
Tgt Ion:153 Resp: 2838
Ion Ratio Lower Upper
153 100
152 51.0 39.8 59.6
154 89.3 69.8 104.8

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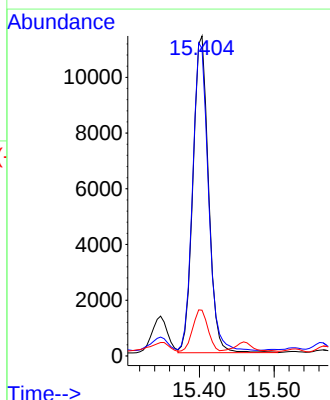
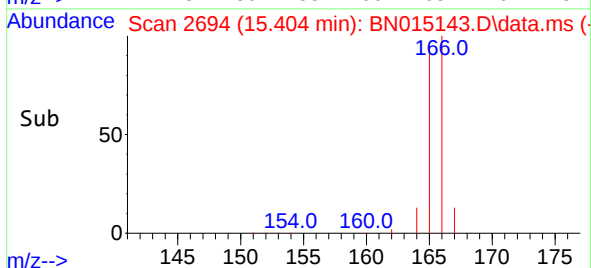
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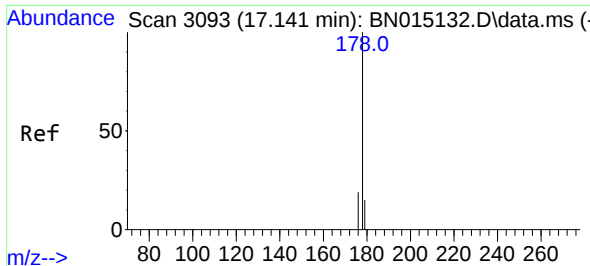


#12
Fluorene
Concen: 0.538 ng/u1
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

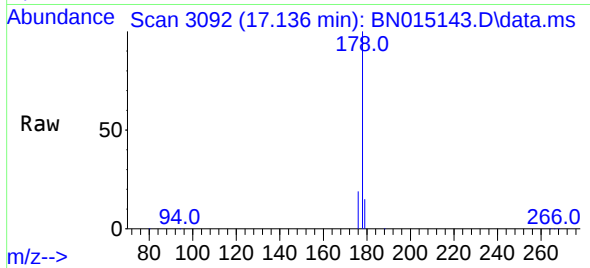


Tgt Ion:166 Resp: 16403
Ion Ratio Lower Upper
166 100
165 96.0 77.8 116.8
167 14.3 11.2 16.8

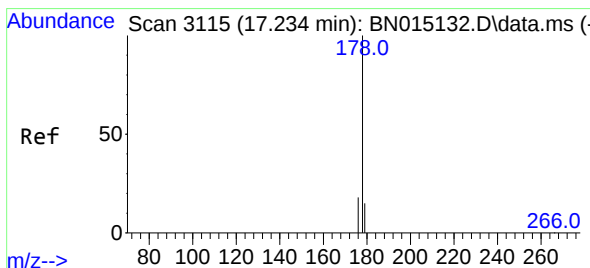
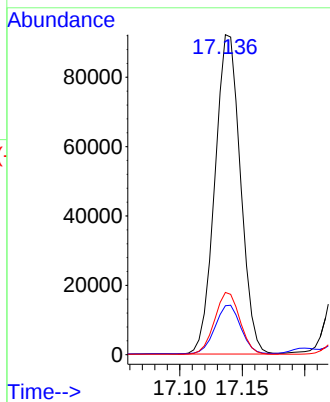
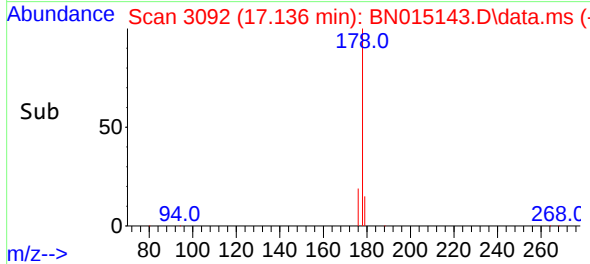




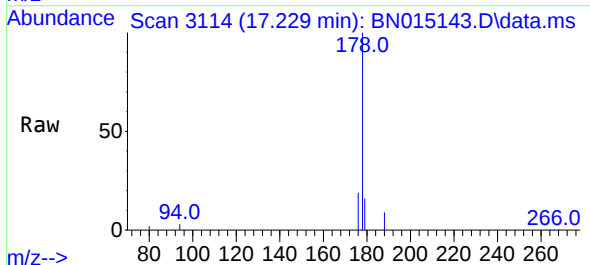
#15
Phenanthrene
Concen: 2.467 ng/u1
RT: 17.136 min Scan# 3092
Delta R.T. -0.015 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



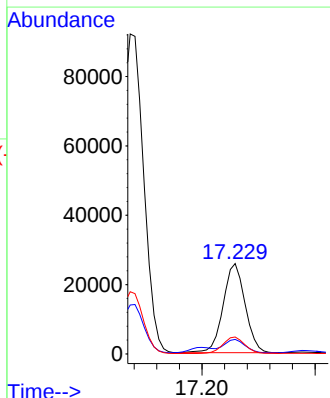
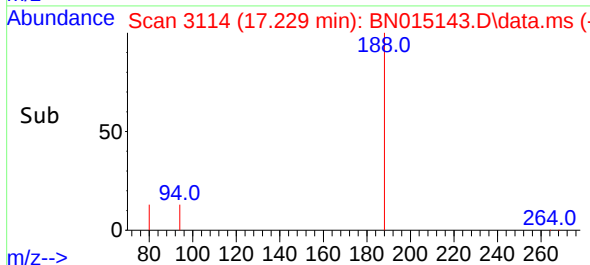
Tgt Ion:178 Resp: 130926
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.5 23.3



#16
Anthracene
Concen: 0.742 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.015 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



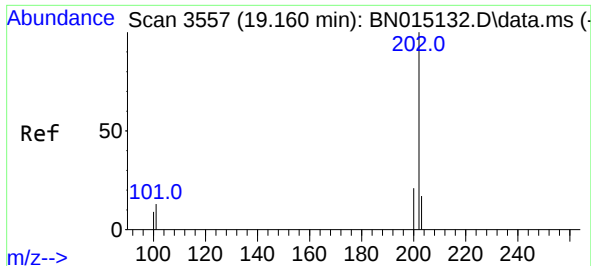
Tgt Ion:178 Resp: 34701
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 18.7 15.2 22.8



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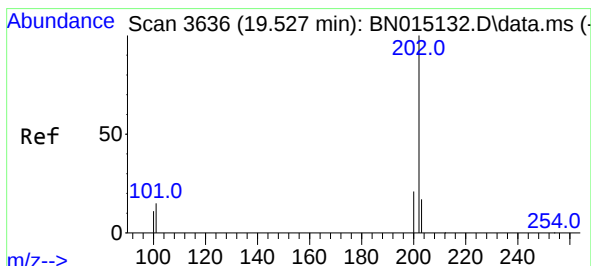
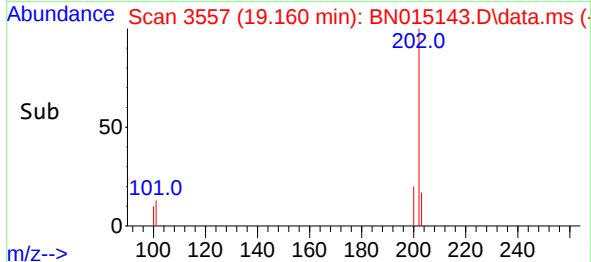
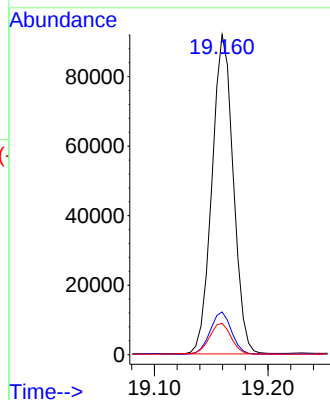
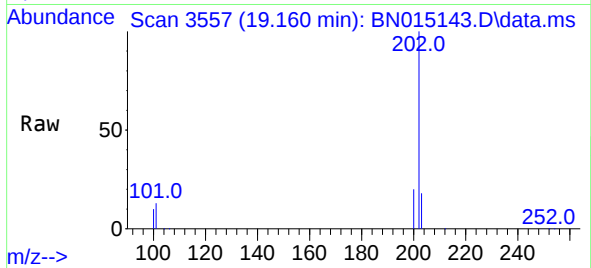
#19
Fluoranthene
Concen: 1.940 ng/ul
RT: 19.160 min Scan# 3557
Delta R.T. -0.016 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:202 Resp: 119723
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 9.8 7.4 11.0

Instrument :
BNA_N
ClientSampled :
BGDM5

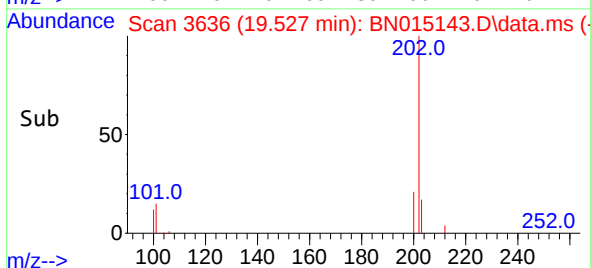
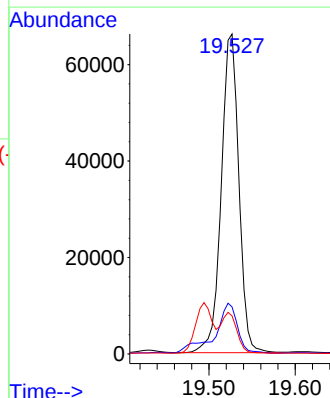
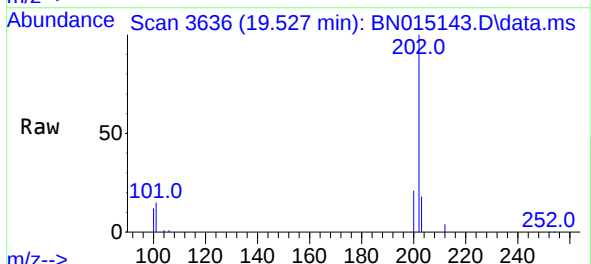
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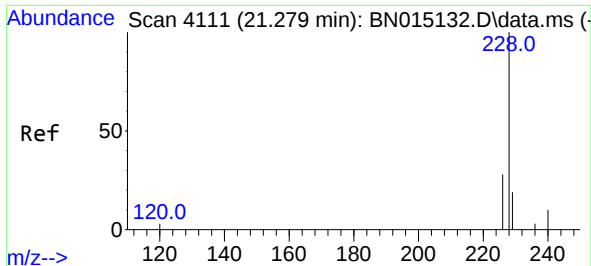
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#20
Pyrene
Concen: 1.518 ng/ul
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015143.D
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Tgt Ion:202 Resp: 93947
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.6 14.4





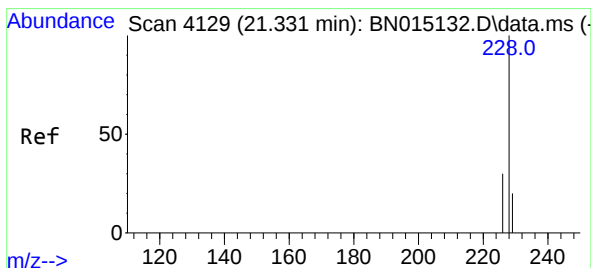
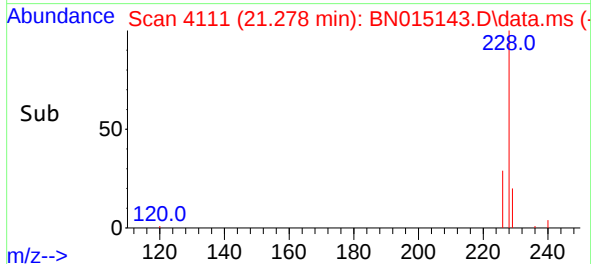
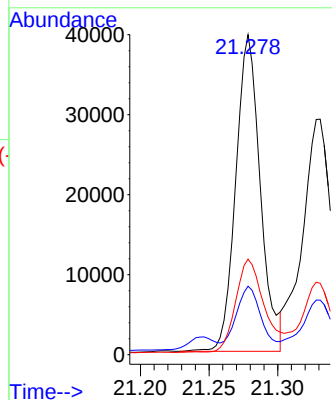
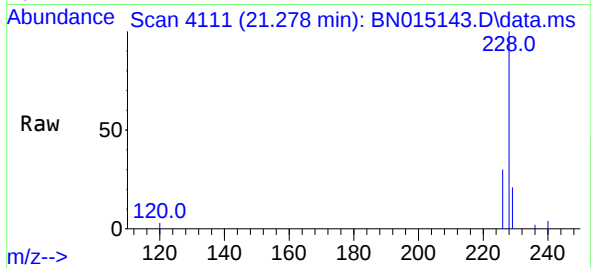
#21
Benzo(a)anthracene
Concen: 0.997 ng/ul
RT: 21.278 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:228	Resp:	49310
Ion Ratio	Lower	Upper
228	100	
229	21.4	15.8 23.8
226	29.9	21.8 32.8

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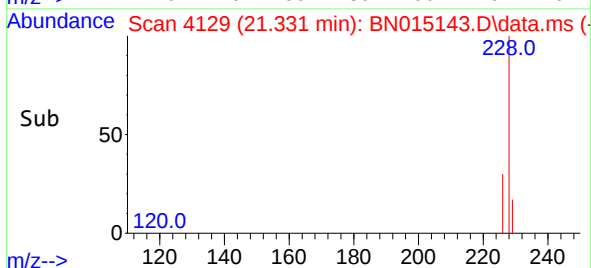
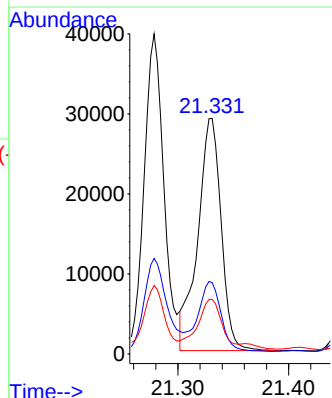
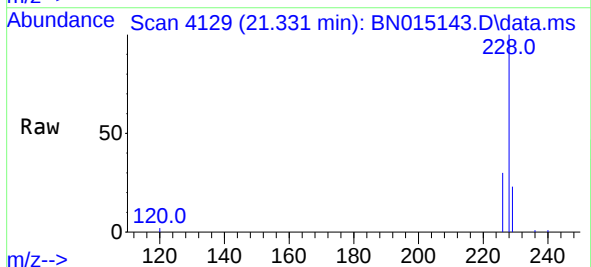
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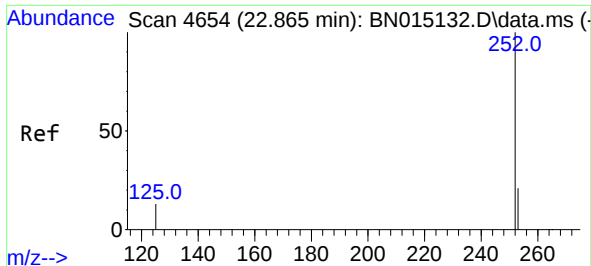
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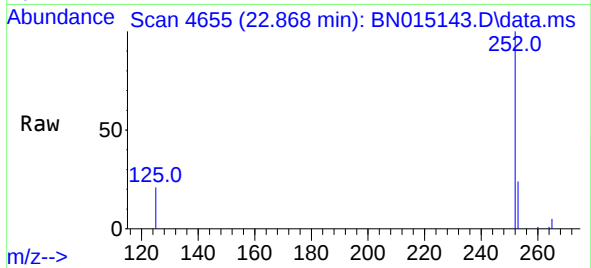
#22
Chrysene
Concen: 0.720 ng/ul
RT: 21.331 min Scan# 4129
Delta R.T. -0.018 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:228	Resp:	42617
Ion Ratio	Lower	Upper
228	100	
226	30.3	24.6 37.0
229	23.2	15.7 23.5

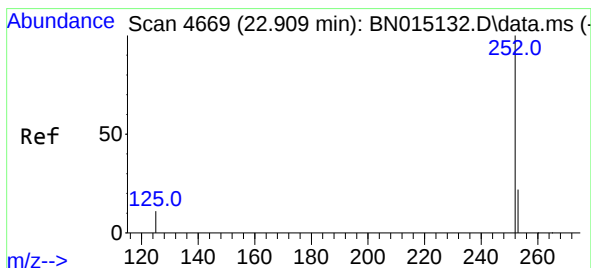
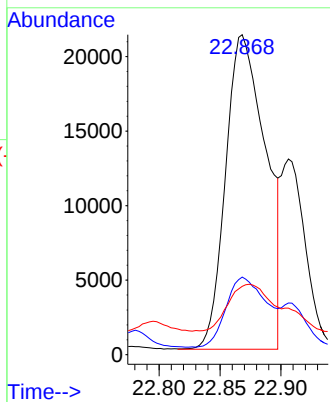
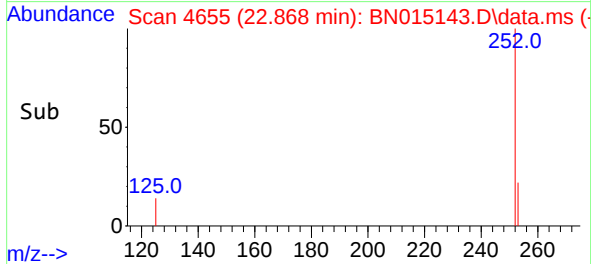




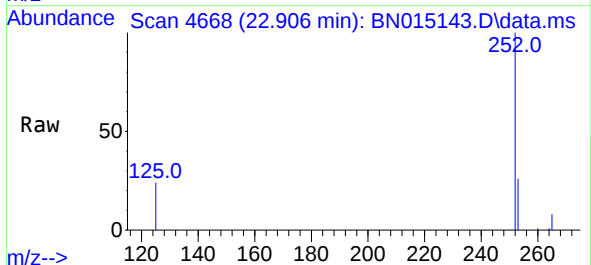
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Benzo(b)fluoranthene
Concen: 0.838 ng/ul m
RT: 22.868 min Scan# 4655
Delta R.T. -0.026 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



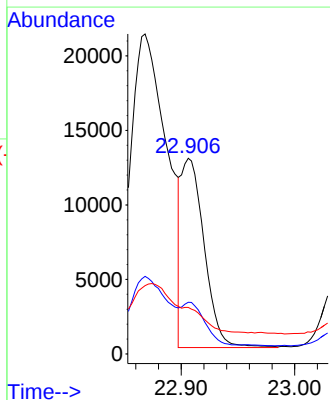
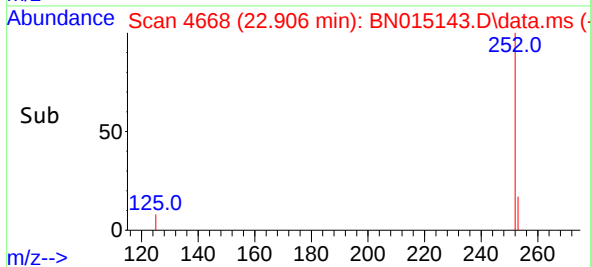
Tgt Ion:252 Resp: 48453
Ion Ratio Lower Upper
252 100
253 24.3 0.0 45.6
125 21.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 0.274 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57



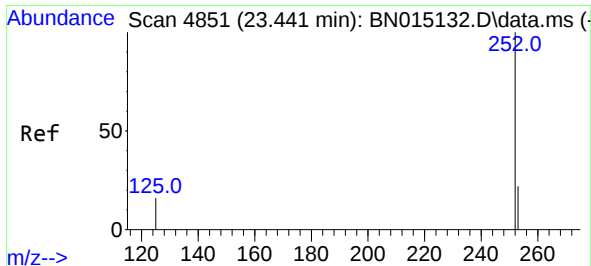
Tgt Ion:252 Resp: 17882
Ion Ratio Lower Upper
252 100
253 26.5 18.1 27.1
125 23.8 11.5 17.3#



Instrument :
BNA_N
ClientSampled :
BGDM5

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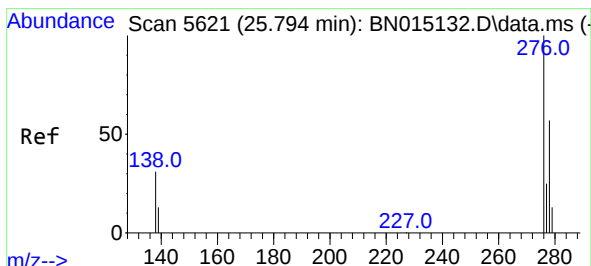
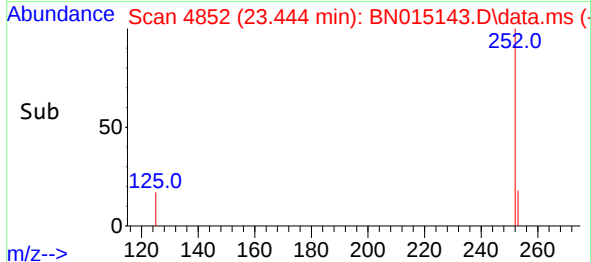
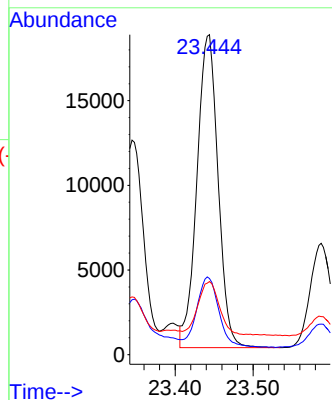
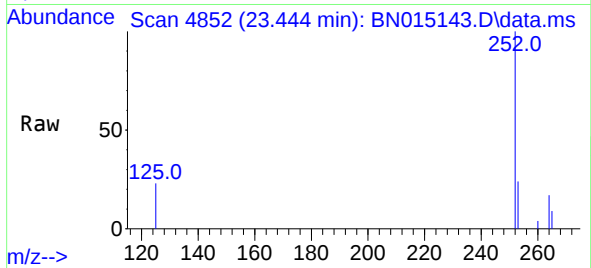
#26
Benzo(a)pyrene
Concen: 0.716 ng/ul
RT: 23.444 min Scan# 4852
Delta R.T. -0.026 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:	252	Resp:	34777
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.9	28.3
125	22.8	13.5	20.3#

Instrument :
BNA_N
ClientSampled :
BGDM5

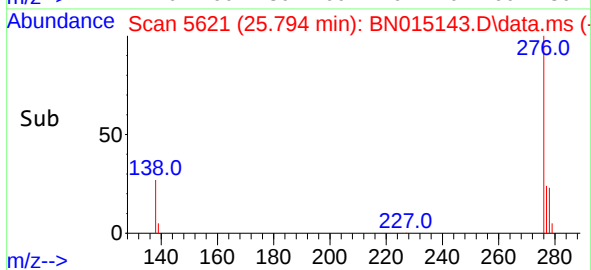
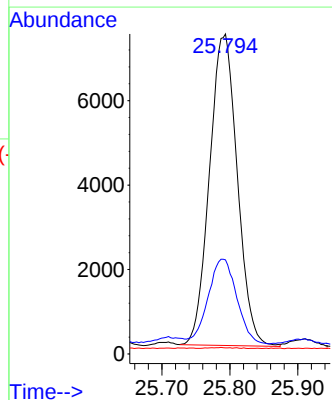
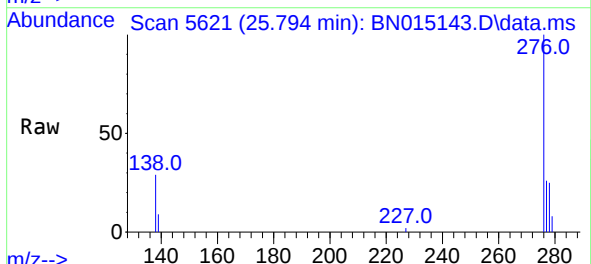
Manual Integrations
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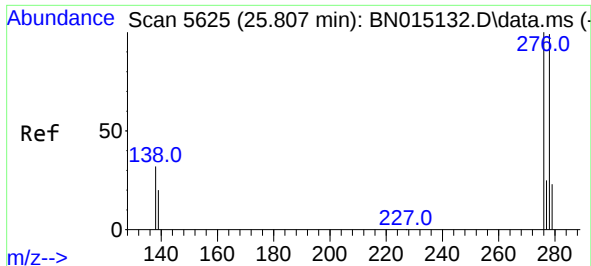
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 25.794 min Scan# 5621
Delta R.T. -0.047 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:	276	Resp:	20964
Ion Ratio	Lower	Upper	
276	100		
138	28.1	26.3	39.5
227	0.2	0.1	0.1#





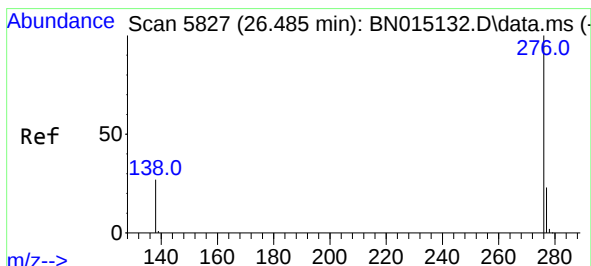
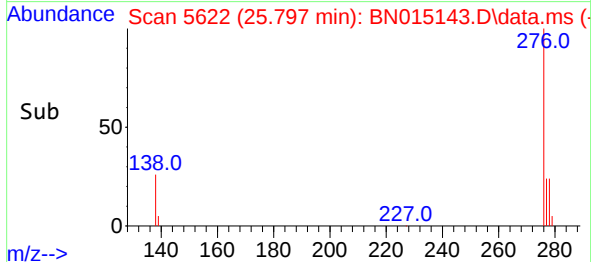
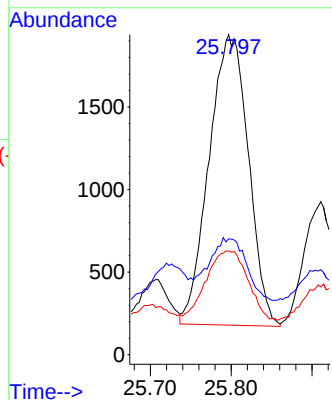
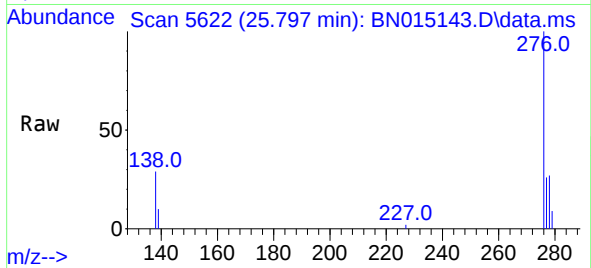
#28
Dibenzo(a,h)anthracene
Concen: 0.129 ng/ul
RT: 25.797 min Scan# 5622
Delta R.T. -0.064 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:278 Resp: 5952
Ion Ratio Lower Upper
278 100
139 36.2 18.9 28.3#
279 32.4 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGDM5

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#29
Benzo(g,h,i)perylene
Concen: 0.301 ng/ul
RT: 26.481 min Scan# 5826
Delta R.T. -0.044 min
Lab File: BN015143.D
Acq: 27 Jun 2021 07:57

Tgt Ion:276 Resp: 16378
Ion Ratio Lower Upper
276 100
138 30.5 23.0 34.4
277 25.0 19.3 28.9

