

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015134.D
 Acq On : 27 Jun 2021 02:36
 Operator : CG/JU
 Sample : M2680-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD72

Manual Integrations
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Quant Time: Jun 28 01:25:29 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	3980	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.501	136	14298	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.354	164	8425	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	17315	0.400	ng/ul	-0.01
17) Chrysene-d12	21.304	240	14059	0.400	ng/ul	# 0.00
23) Perylene-d12	23.549	264	20655	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	12207	2.721	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3922	0.175	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	9821	0.213	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.551	128	110405	2.420	ng/ul	98
7) 2-Methylnaphthalene	12.162	142	40161	1.346	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	32354	1.121	ng/ul	98
10) Acenaphthylene	14.072	152	98908	2.271	ng/ul	99
11) Acenaphthene	14.414	153	88008	2.637	ng/ul	99
12) Fluorene	15.404	166	133258	3.613	ng/ul	99
15) Phenanthrene	17.142	178	2699932	42.963	ng/ul	99
16) Anthracene	17.230	178	919415	16.594	ng/ul	99
19) Fluoranthene	19.170	202	4966342	76.447	ng/ul	97
20) Pyrene	19.532	202	4345514	66.694	ng/ul	98
21) Benzo(a)anthracene	21.286	228	3514538	67.484	ng/ul	96
22) Chrysene	21.339	228	3379290	54.202	ng/ul	97
24) Benzo(b)fluoranthene	22.885	252	4627902m	47.961	ng/ul	
25) Benzo(k)fluoranthene	22.923	252	1771692m	16.267	ng/ul	
26) Benzo(a)pyrene	23.461	252	3714451	45.831	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.820	276	2449603	25.025	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.823	278	625050	8.144	ng/ul	98
29) Benzo(g,h,i)perylene	26.514	276	1929260	21.271	ng/ul	98

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

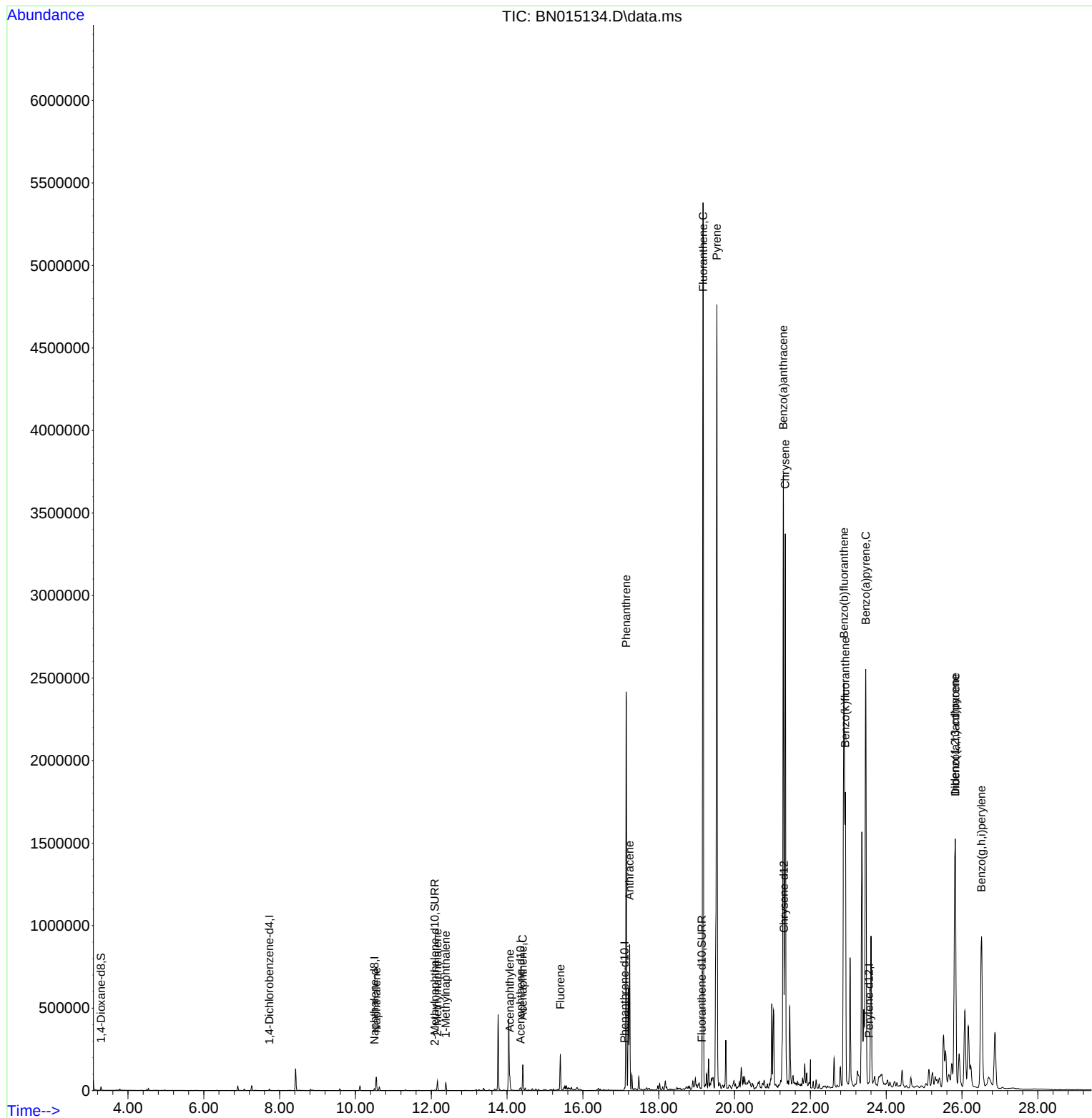
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
Data File : BN015134.D
Acq On : 27 Jun 2021 02:36
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ALS Vial : 17 Sample Multiplier: 1

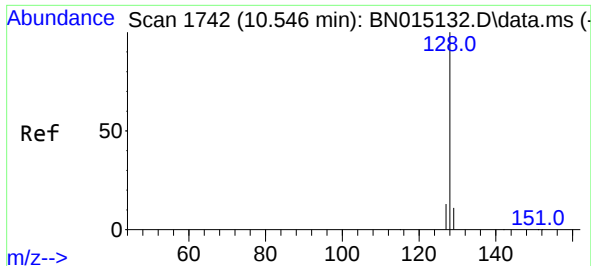
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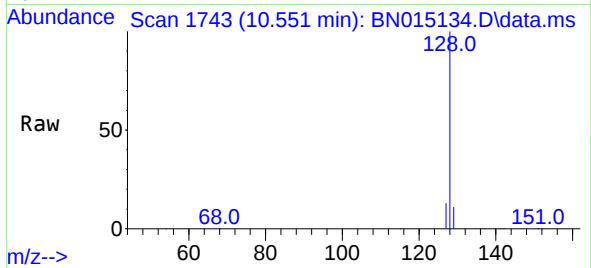
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 22 11:53:52 2021
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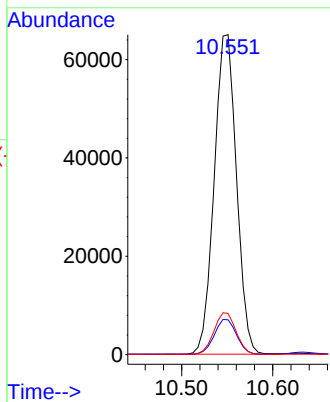
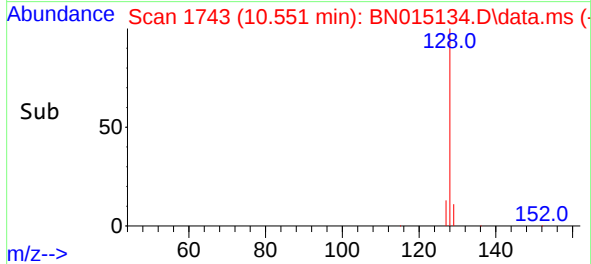




#5
Naphthalene
Concen: 2.420 ng/ul
RT: 10.551 min Scan# 1743
Delta R.T. -0.007 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



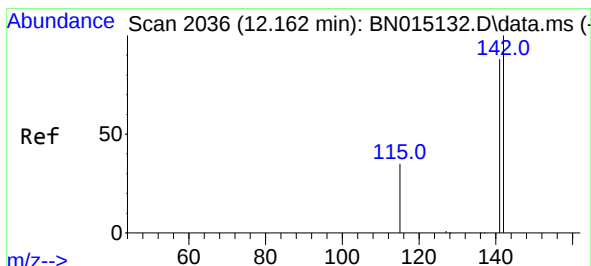
Tgt Ion:128 Resp: 110405
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 12.9 10.8 16.2



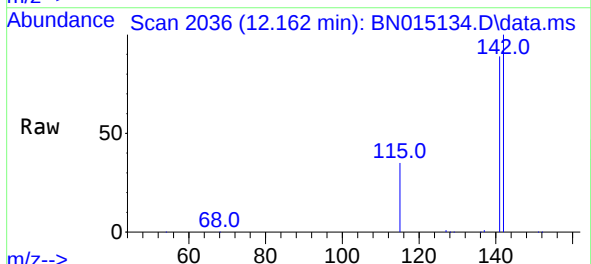
Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations
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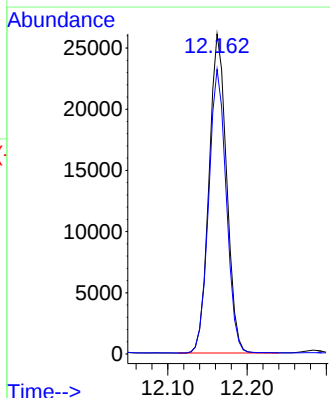
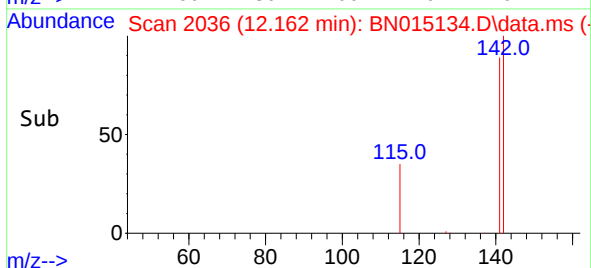
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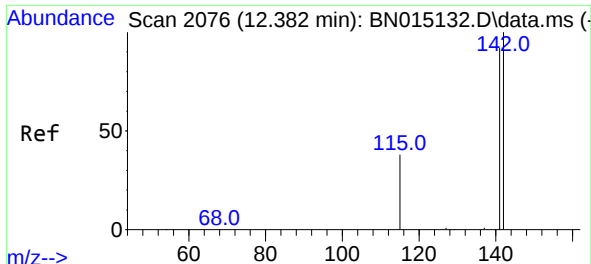


#7
2-Methylnaphthalene
Concen: 1.346 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



Tgt Ion:142 Resp: 40161
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5





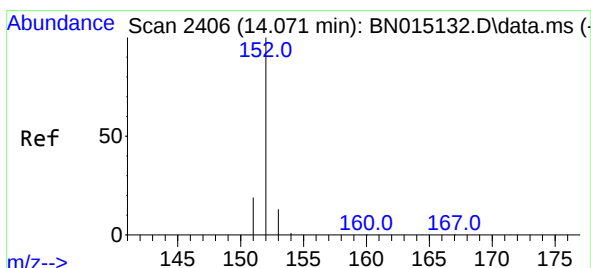
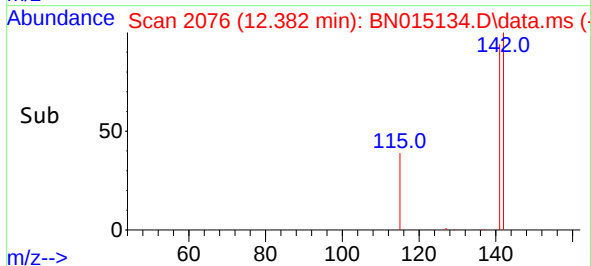
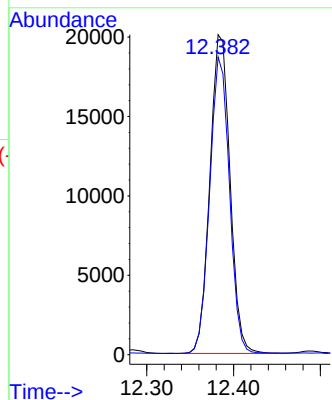
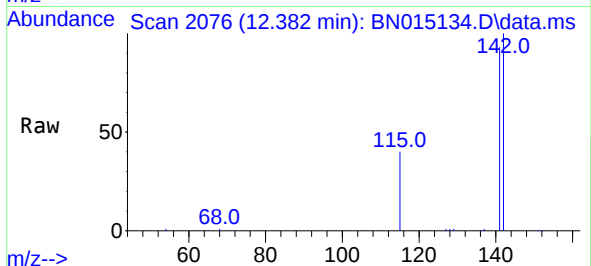
#8
1-Methylnaphthalene
Concen: 1.121 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

Instrument :
BNA_N
ClientSampled :
BGD72

Tgt Ion:142 Resp: 32354
Ion Ratio Lower Upper
142 100
141 90.9 74.2 111.4

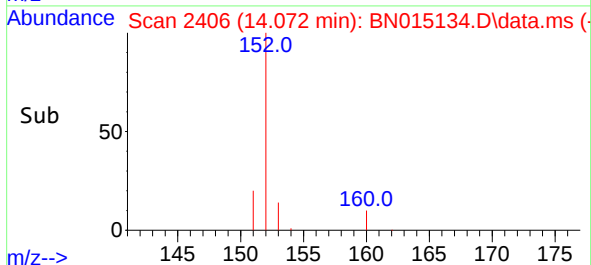
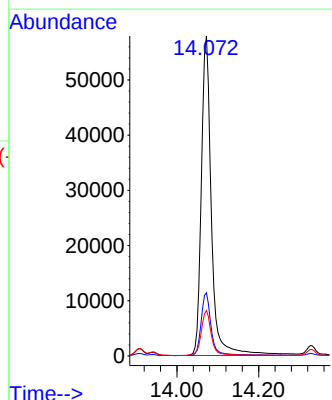
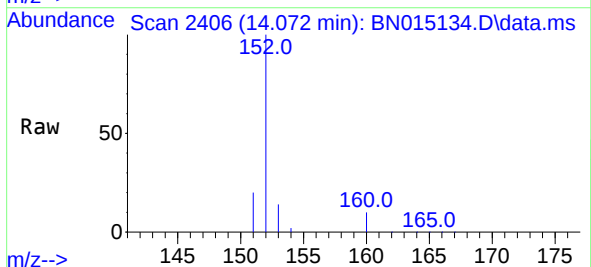
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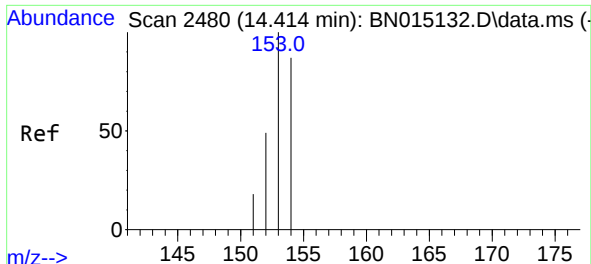
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#10
Acenaphthylene
Concen: 2.271 ng/ul
RT: 14.072 min Scan# 2406
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

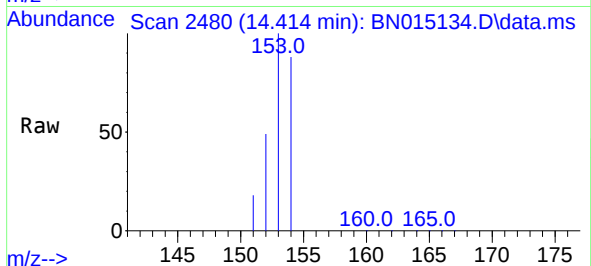
Tgt Ion:152 Resp: 98908
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 14.2 10.9 16.3





#11
Acenaphthene
Concen: 2.637 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

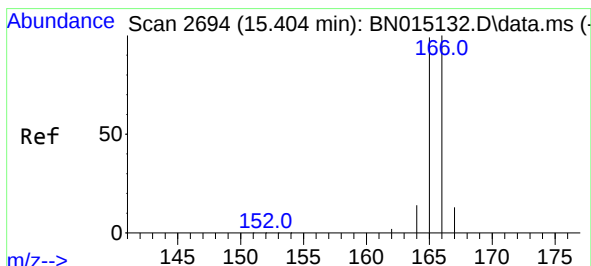
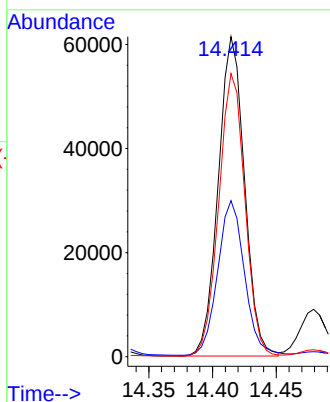
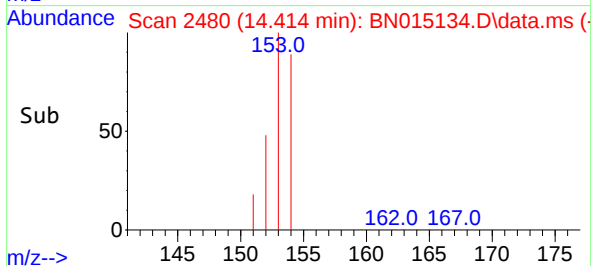
Instrument :
BNA_N
ClientSampleId :
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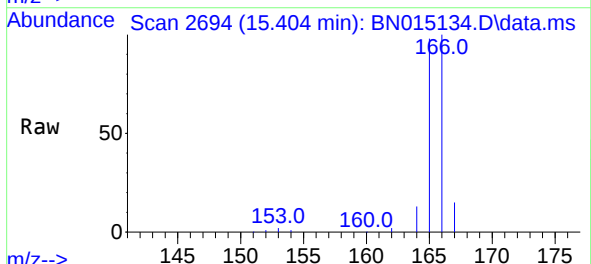
Tgt Ion:153 Resp: 88008
Ion Ratio Lower Upper
153 100
152 48.8 39.8 59.6
154 88.5 69.8 104.8

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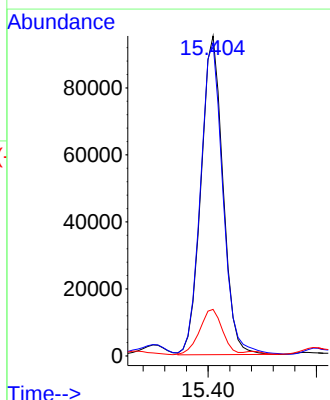
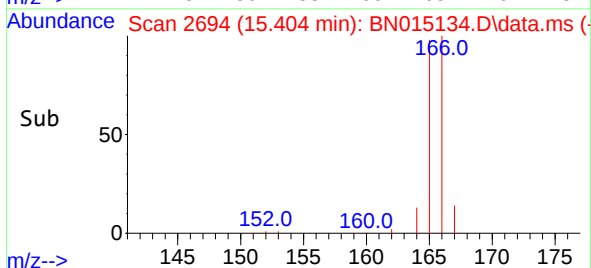
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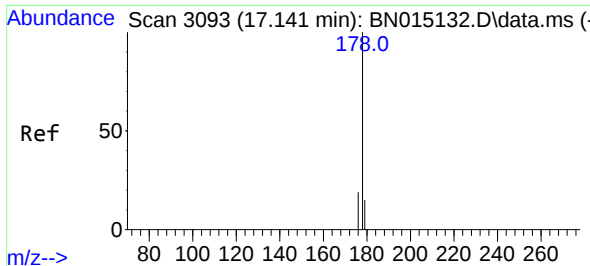


#12
Fluorene
Concen: 3.613 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

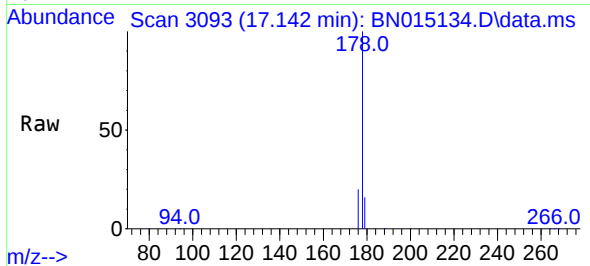


Tgt Ion:166 Resp: 133258
Ion Ratio Lower Upper
166 100
165 97.9 77.8 116.8
167 14.5 11.2 16.8



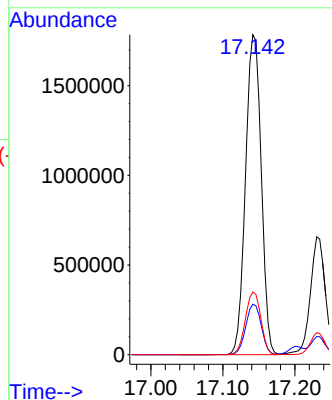


#15
Phenanthrene
Concen: 42.963 ng/ul
RT: 17.142 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



Tgt Ion:178 Resp: 2699932

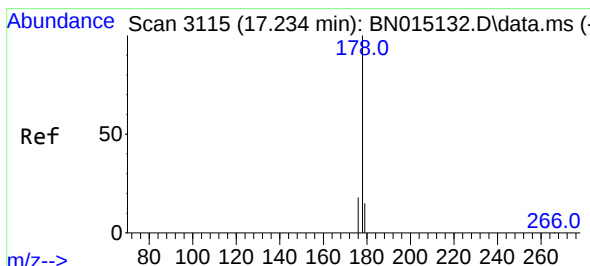
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.6	15.5	23.3



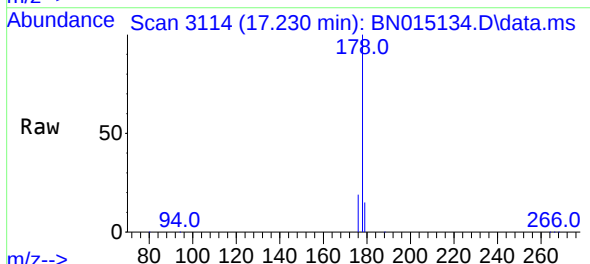
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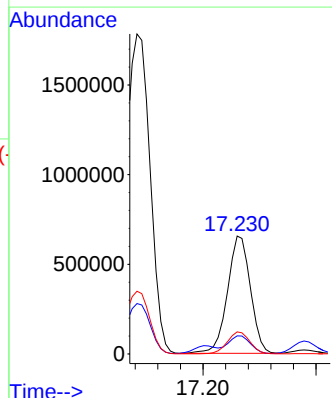
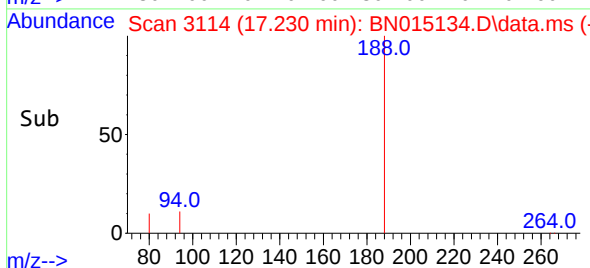


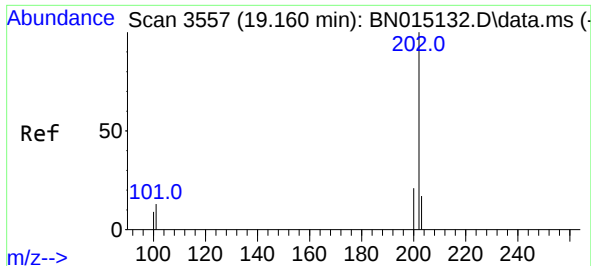
#16
Anthracene
Concen: 16.594 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



Tgt Ion:178 Resp: 919415

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.8	15.2	22.8





#19
Fluoranthene
Concen: 76.447 ng/u1
RT: 19.170 min Scan# 3559
Delta R.T. -0.006 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

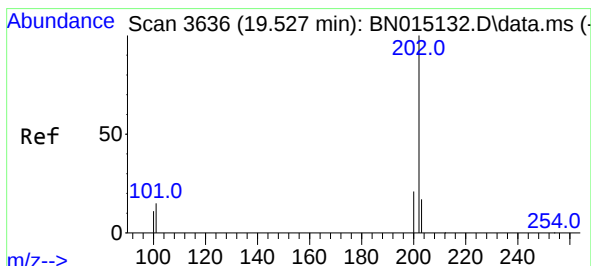
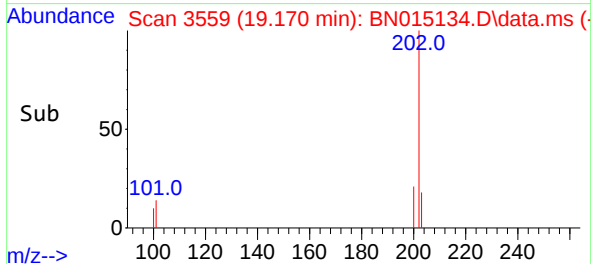
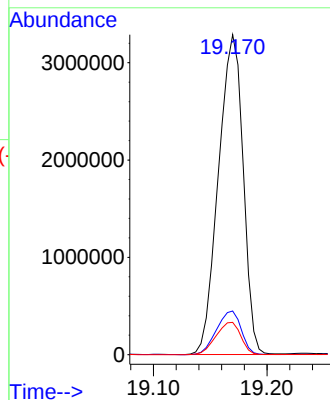
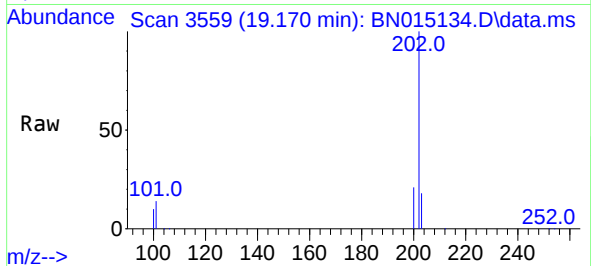
Tgt Ion:202 Resp: 4966342

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.1	15.1
100	10.1	7.4	11.0

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Manual Integrations
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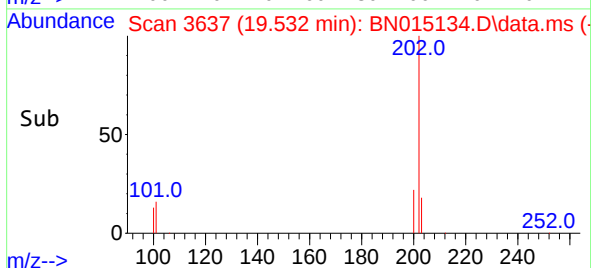
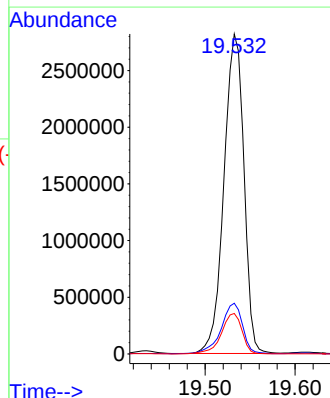
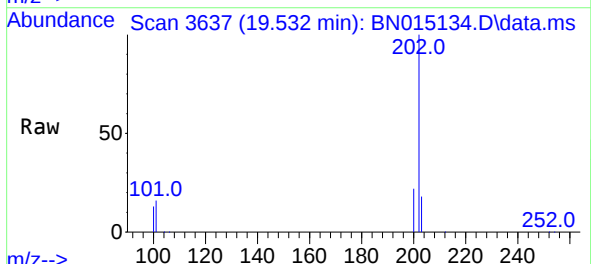
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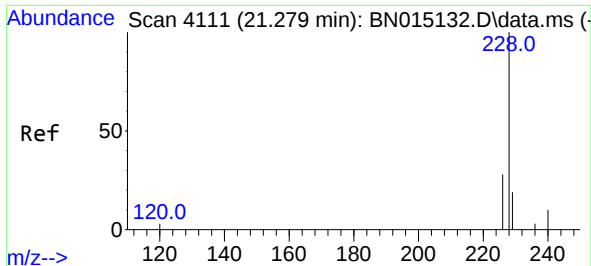


#20
Pyrene
Concen: 66.694 ng/u1
RT: 19.532 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

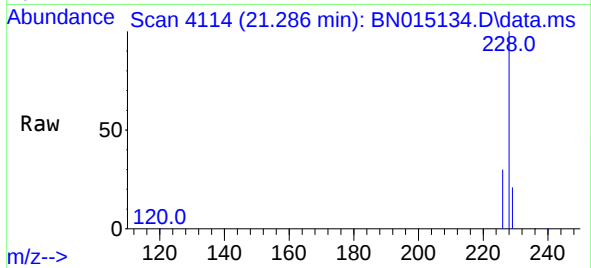
Tgt Ion:202 Resp: 4345514

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.0	18.0
100	12.7	9.6	14.4

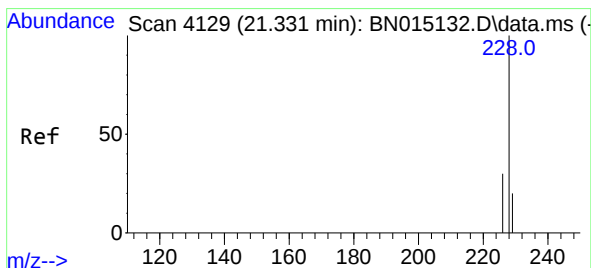
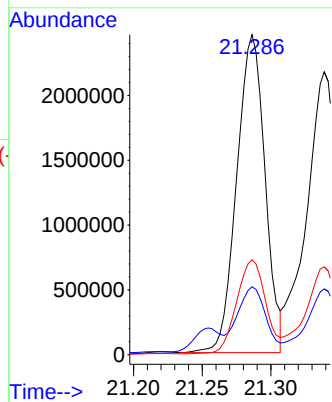
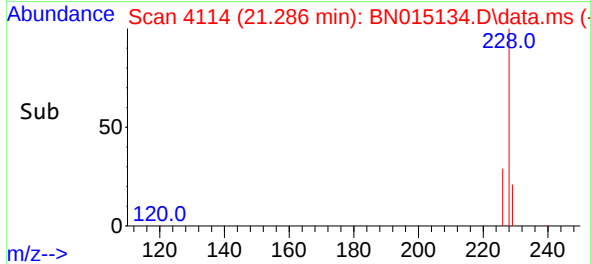




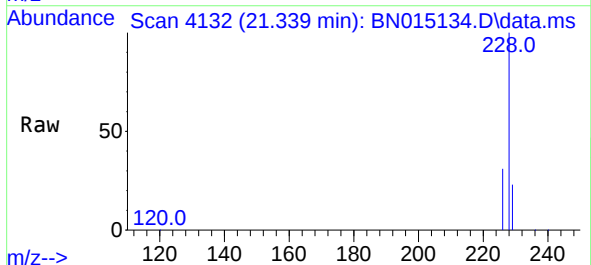
#21
Benzo(a)anthracene
Concen: 67.484 ng/u1
RT: 21.286 min Scan# 4114
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



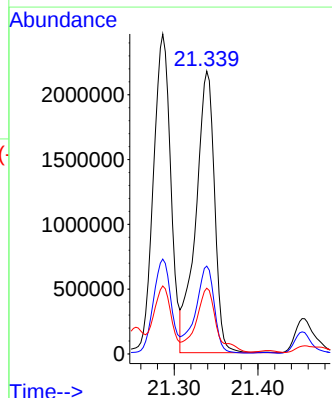
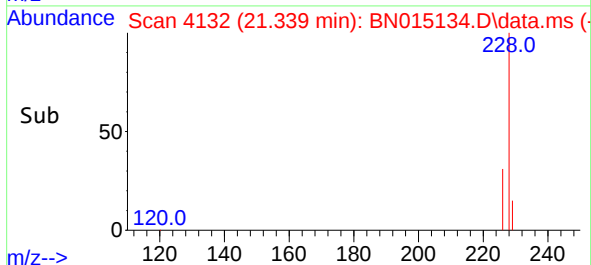
Tgt Ion:228 Resp: 3514538
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 29.6 21.8 32.8



#22
Chrysene
Concen: 54.202 ng/u1
RT: 21.339 min Scan# 4132
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



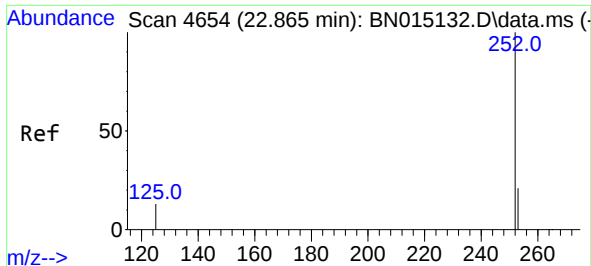
Tgt Ion:228 Resp: 3379290
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 23.2 15.7 23.5



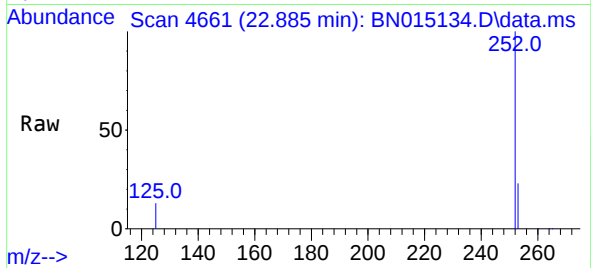
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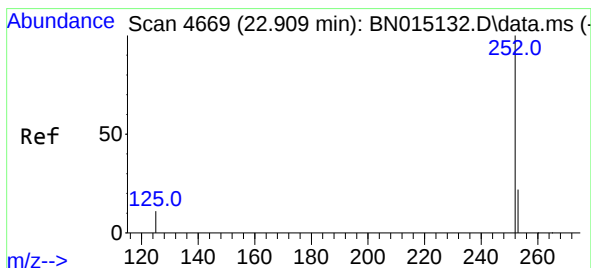
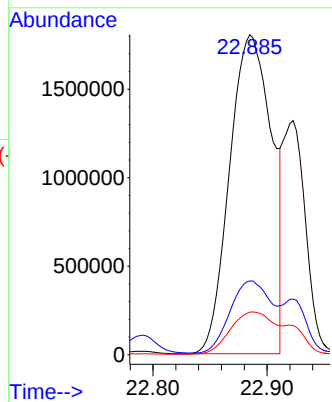
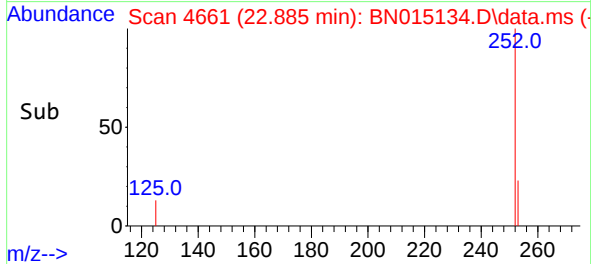
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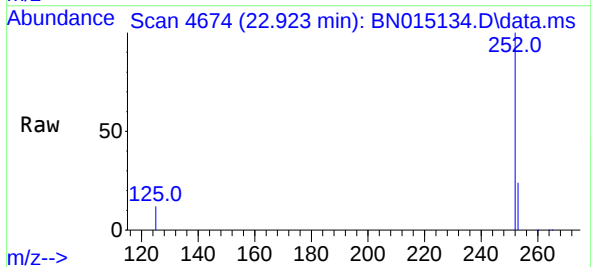
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Benzo(b)fluoranthene
Concen: 47.961 ng/ul m
RT: 22.885 min Scan# 4661
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



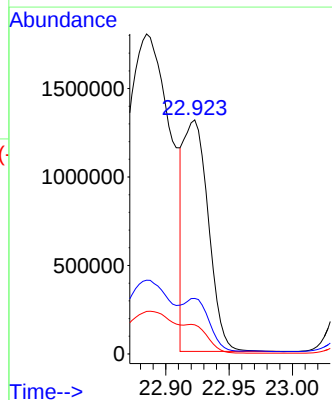
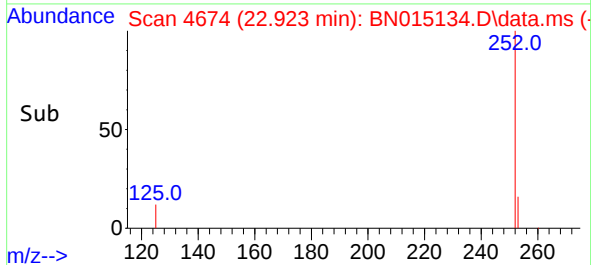
Tgt Ion:252 Resp: 4627902
Ion Ratio Lower Upper
252 100
253 23.0 0.0 45.6
125 13.3 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 16.267 ng/ul m
RT: 22.923 min Scan# 4674
Delta R.T. -0.016 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



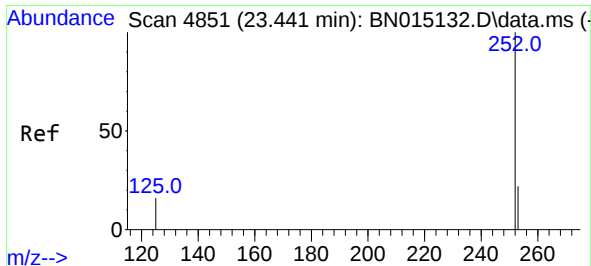
Tgt Ion:252 Resp: 1771692
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 12.5 11.5 17.3



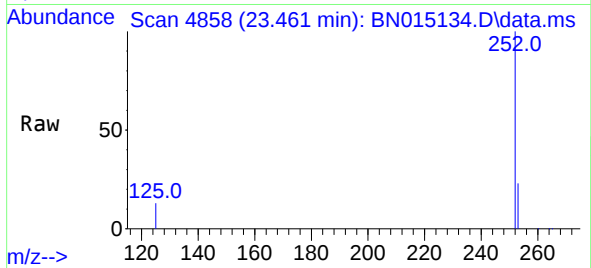
Instrument :
BNA_N
ClientSampled :
BGD72

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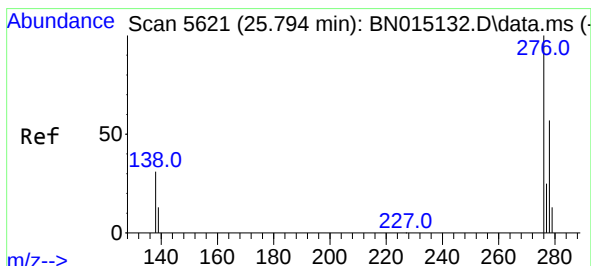
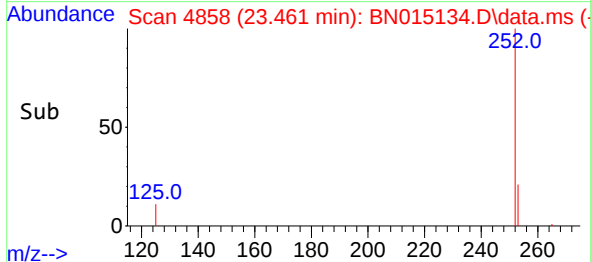
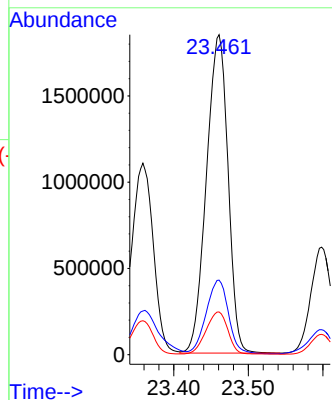
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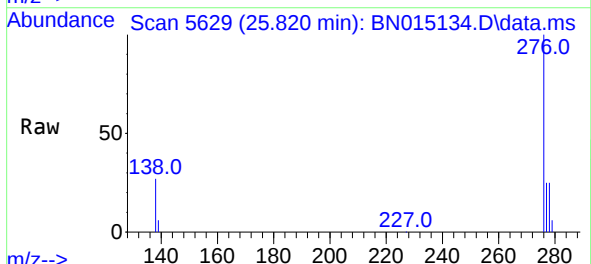
#26
Benzo(a)pyrene
Concen: 45.831 ng/ul
RT: 23.461 min Scan# 4858
Delta R.T. -0.010 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



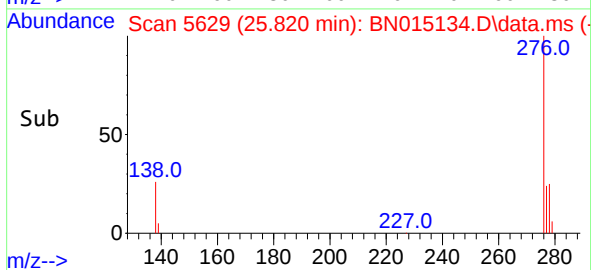
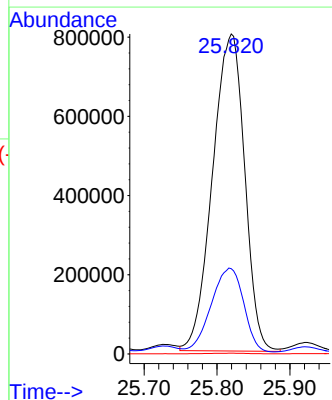
Tgt Ion:252 Resp: 3714451
Ion Ratio Lower Upper
252 100
253 23.3 18.9 28.3
125 13.4 13.5 20.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 25.025 ng/ul
RT: 25.820 min Scan# 5629
Delta R.T. -0.021 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36



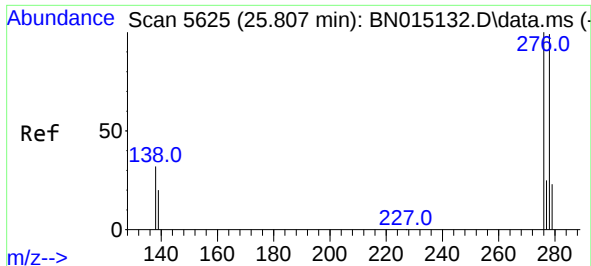
Tgt Ion:276 Resp: 2449603
Ion Ratio Lower Upper
276 100
138 26.7 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
BGD72

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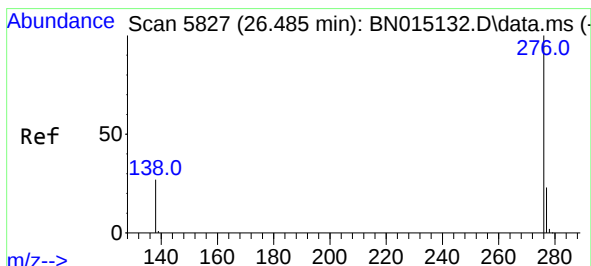
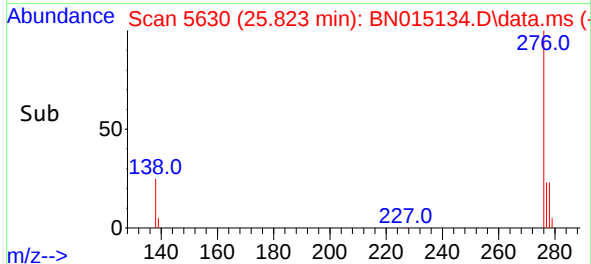
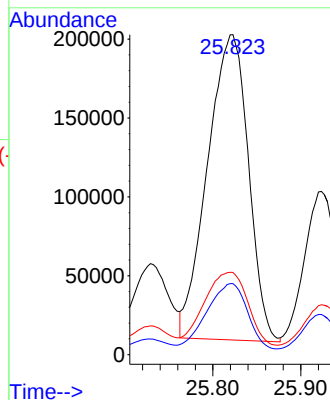
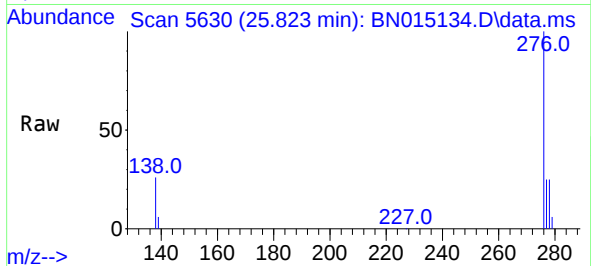
#28
Dibenzo(a,h)anthracene
Concen: 8.144 ng/ul
RT: 25.823 min Scan# 5630
Delta R.T. -0.038 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

Tgt Ion:278 Resp: 625050
Ion Ratio Lower Upper
278 100
139 22.2 18.9 28.3
279 25.7 20.8 31.2

Instrument :
BNA_N
ClientSampleId :
BGD72

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 21.271 ng/ul
RT: 26.514 min Scan# 5836
Delta R.T. -0.011 min
Lab File: BN015134.D
Acq: 27 Jun 2021 02:36

Tgt Ion:276 Resp: 1929260
Ion Ratio Lower Upper
276 100
138 27.3 23.0 34.4
277 24.4 19.3 28.9

