

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015152.D
 Acq On : 27 Jun 2021 14:29
 Operator : CG/JU
 Sample : M2704-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDM6

Manual Integrations
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Quant Time: Jun 28 01:28:15 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	3672	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	13031	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.353	164	7521	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.098	188	15610	0.400	ng/ul	-0.01
17) Chrysene-d12	21.299	240	13042	0.400	ng/ul	#-0.01
23) Perylene-d12	23.546	264	12973	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	16031	3.873	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4844	0.237	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	11638	0.272	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	111615	2.685	ng/ul	98
7) 2-Methylnaphthalene	12.162	142	17110	0.629	ng/ul	100
8) 1-Methylnaphthalene	12.382	142	11342	0.431	ng/ul	99
10) Acenaphthylene	14.067	152	53448	1.375	ng/ul	98
11) Acenaphthene	14.414	153	242314	8.132	ng/ul	98
12) Fluorene	15.404	166	172180	5.229	ng/ul	100
15) Phenanthrene	17.141	178	1147975	20.262	ng/ul	99
16) Anthracene	17.229	178	391335	7.834	ng/ul	99
19) Fluoranthene	19.164	202	1779898	29.534	ng/ul	100
20) Pyrene	19.527	202	1403132	23.214	ng/ul	98
21) Benzo(a)anthracene	21.284	228	715547	14.811	ng/ul	96
22) Chrysene	21.337	228	552187	9.547	ng/ul	98
24) Benzo(b)fluoranthene	22.874	252	699235m	11.537	ng/ul	
25) Benzo(k)fluoranthene	22.915	252	274416m	4.012	ng/ul	
26) Benzo(a)pyrene	23.450	252	572940	11.255	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.804	276	333547	5.425	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.807	278	85058	1.765	ng/ul	99
29) Benzo(g,h,i)perylene	26.491	276	271738	4.770	ng/ul	99

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

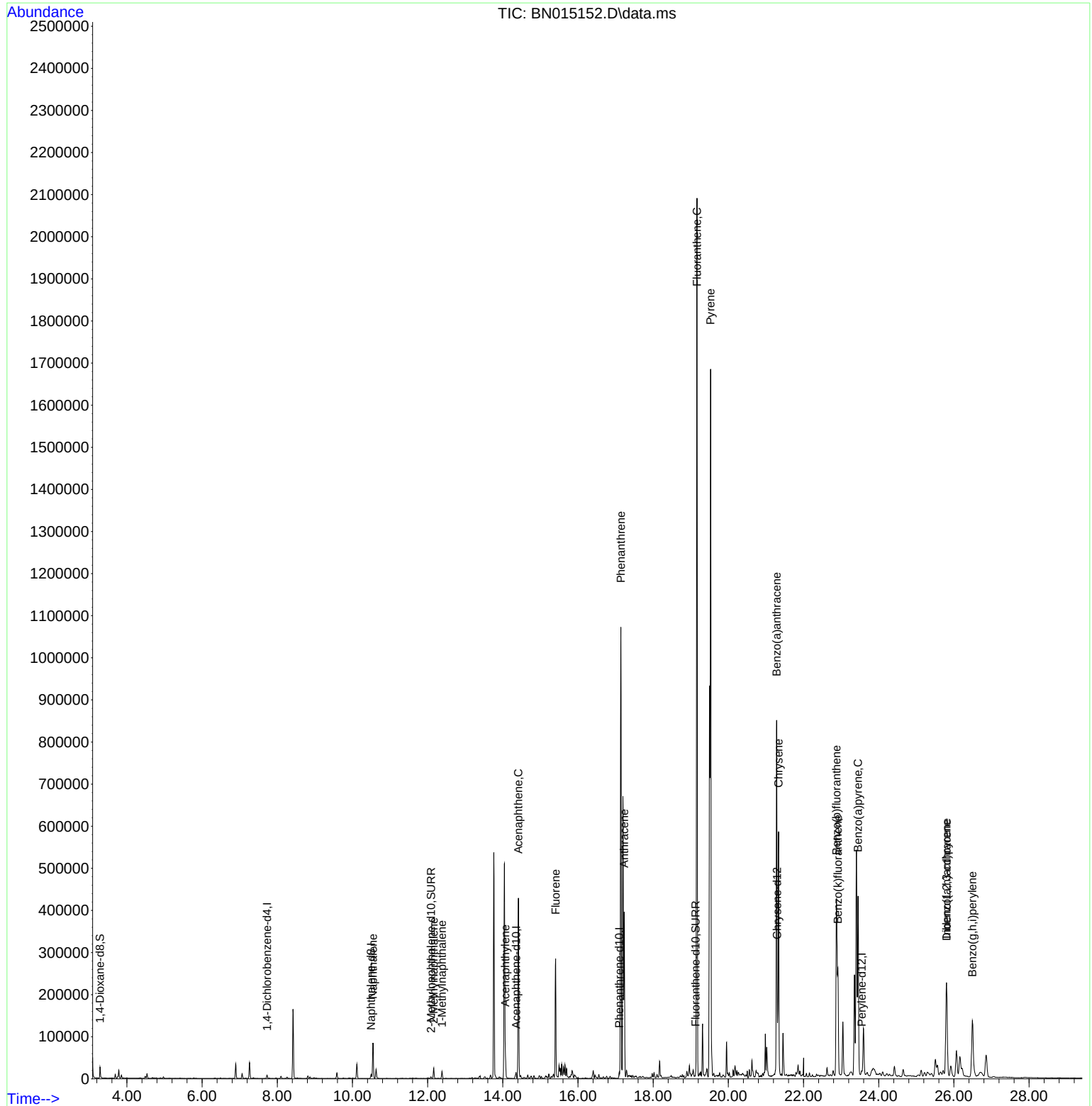
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
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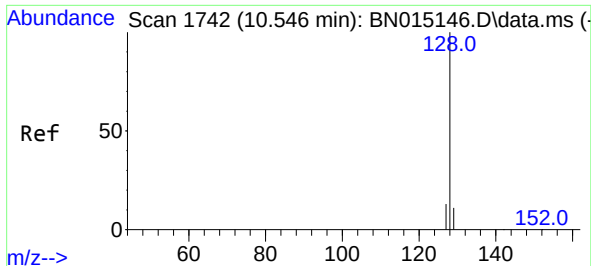
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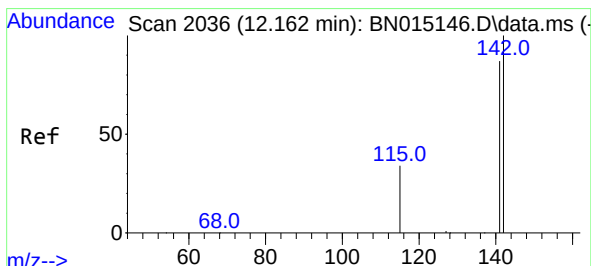
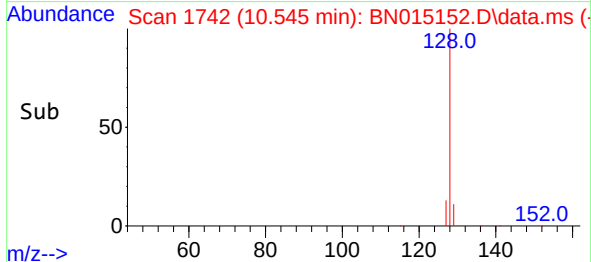
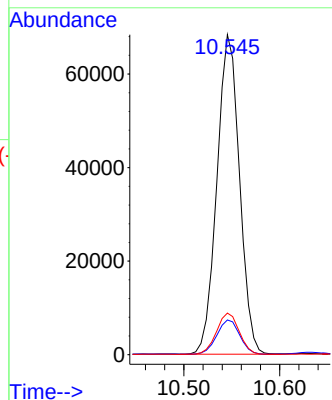
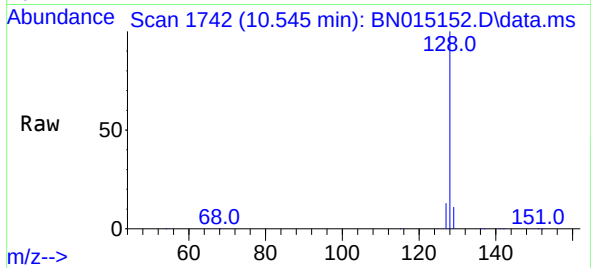
#5
Naphthalene
Concen: 2.685 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:	128	Resp:	111615
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.3	13.9
127	13.0	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
BGDM6

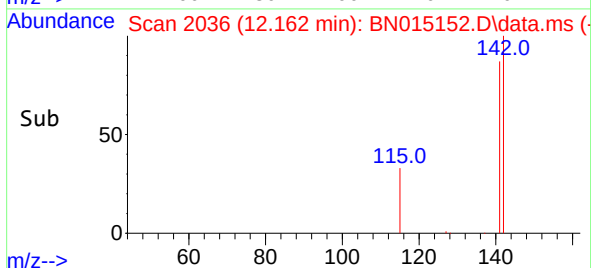
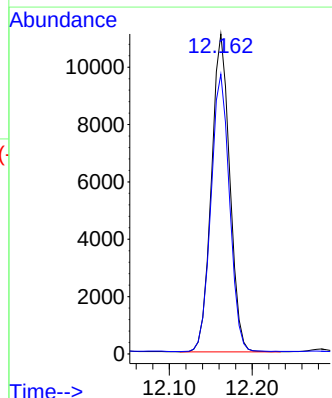
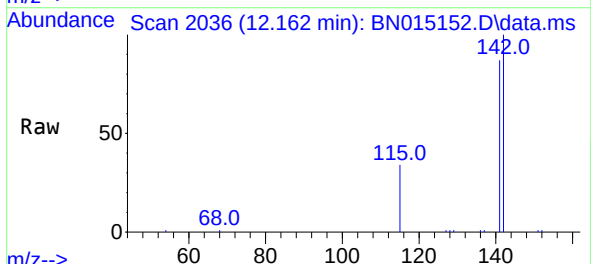
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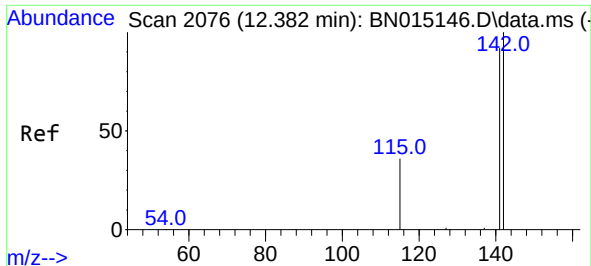
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#7
2-Methylnaphthalene
Concen: 0.629 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:	142	Resp:	17110
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.3	105.5





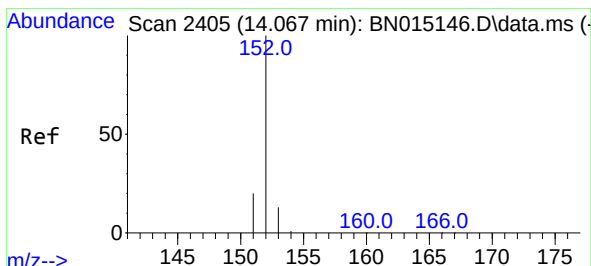
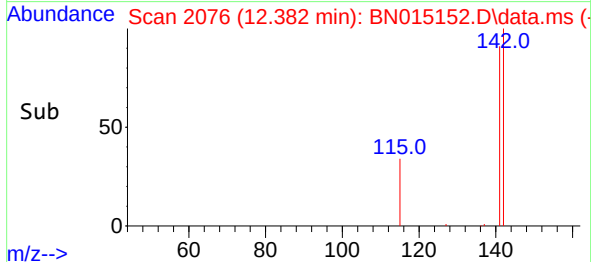
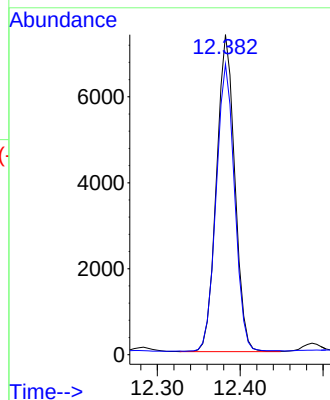
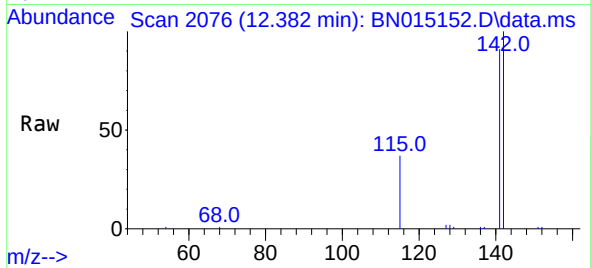
#8
1-Methylnaphthalene
Concen: 0.431 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:142 Resp: 11342
Ion Ratio Lower Upper
142 100
141 91.5 74.2 111.4

Instrument :
BNA_N
ClientSampled :
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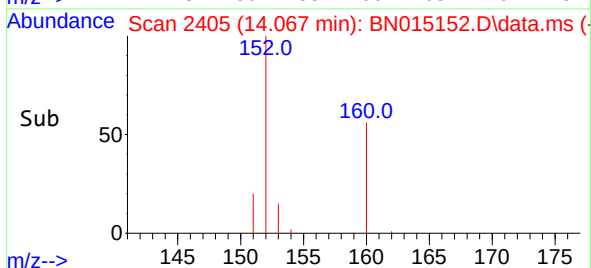
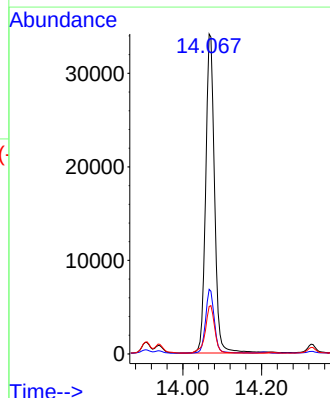
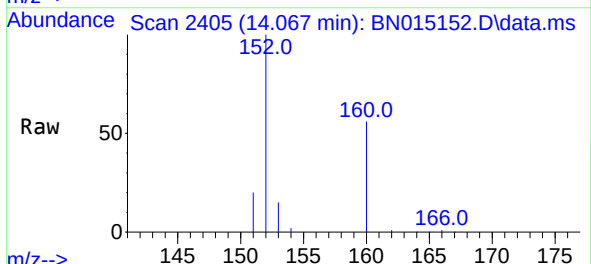
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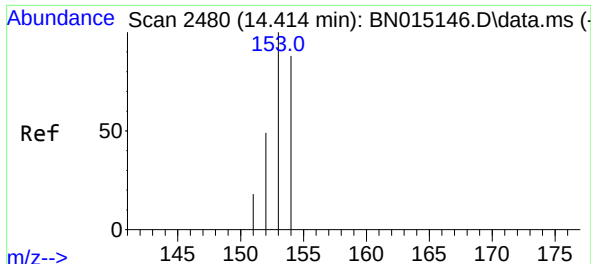
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#10
Acenaphthylene
Concen: 1.375 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.016 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

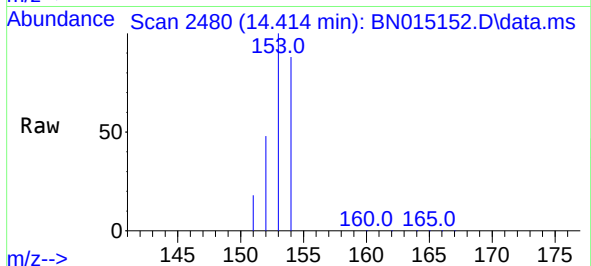
Tgt Ion:152 Resp: 53448
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 14.8 10.9 16.3





#11
Acenaphthene
Concen: 8.132 ng/u1
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

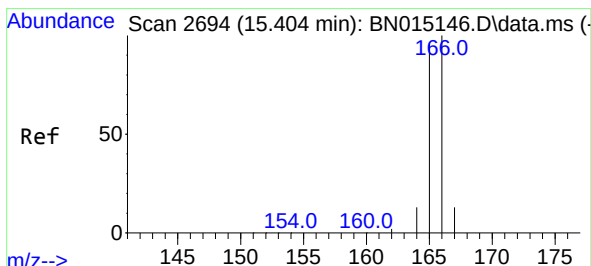
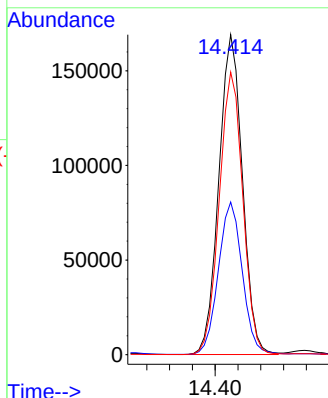
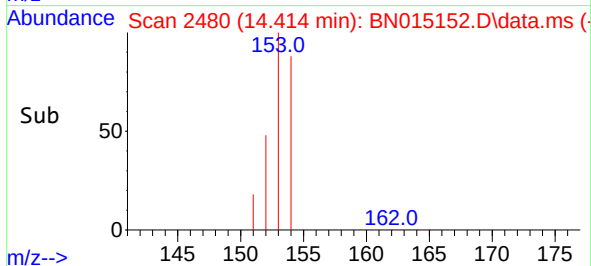
Instrument :
BNA_N
ClientSampled :
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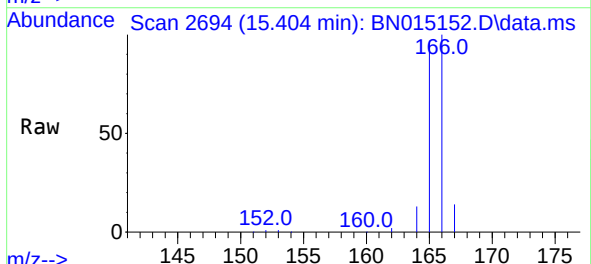
Tgt Ion:153 Resp: 242314
Ion Ratio Lower Upper
153 100
152 47.7 39.8 59.6
154 88.3 69.8 104.8

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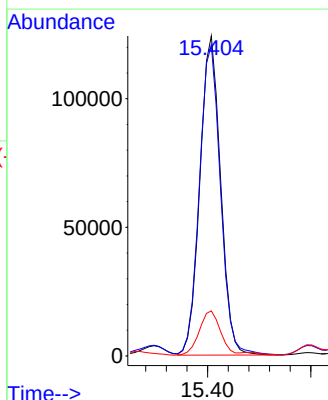
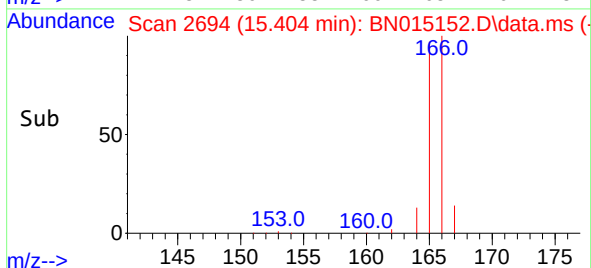
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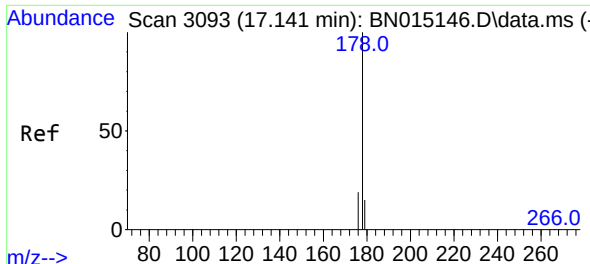


#12
Fluorene
Concen: 5.229 ng/u1
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



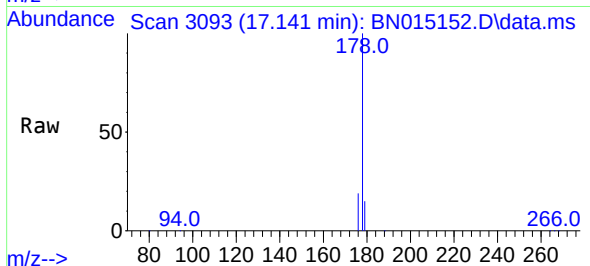
Tgt Ion:166 Resp: 172180
Ion Ratio Lower Upper
166 100
165 97.2 77.8 116.8
167 14.1 11.2 16.8





#15
Phenanthrene
Concen: 20.262 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

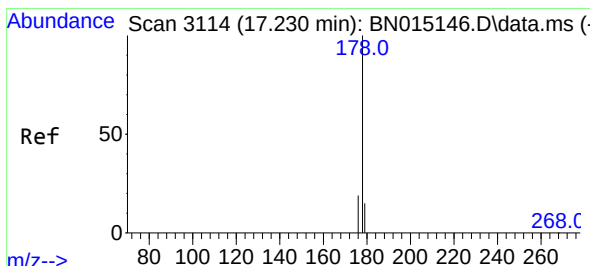
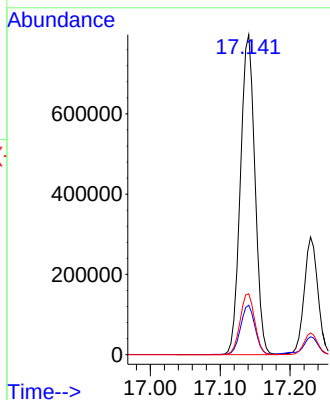
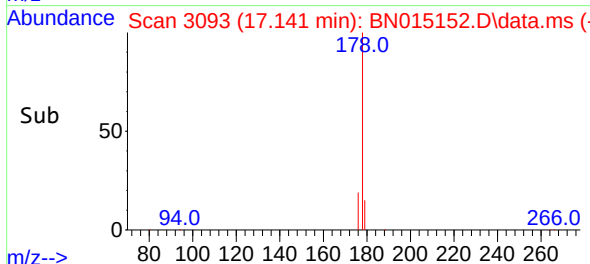
Instrument :
BNA_N
ClientSampled :
BGDM6



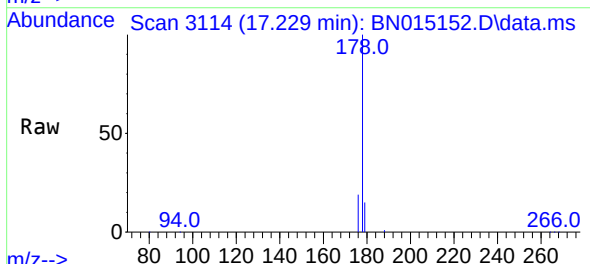
Tgt Ion:178 Resp: 1147975
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 19.0 15.5 23.3

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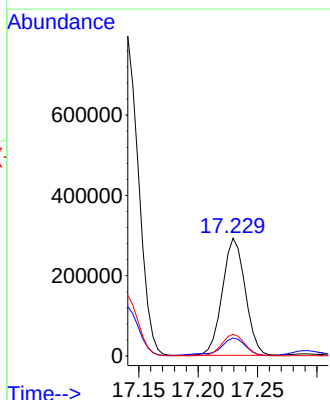
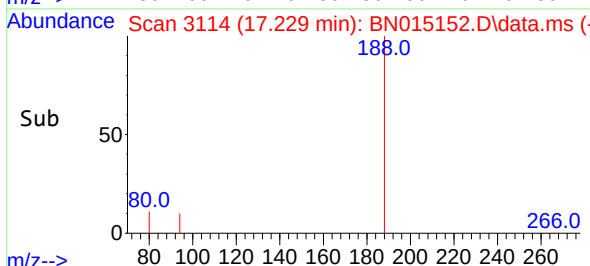
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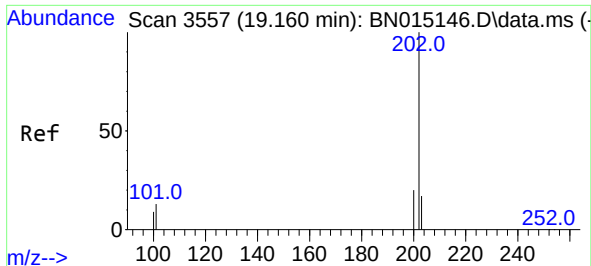


#16
Anthracene
Concen: 7.834 ng/u1
RT: 17.229 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

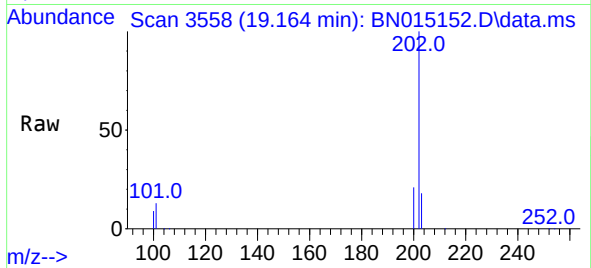


Tgt Ion:178 Resp: 391335
Ion Ratio Lower Upper
178 100
179 15.2 12.8 19.2
176 18.5 15.2 22.8

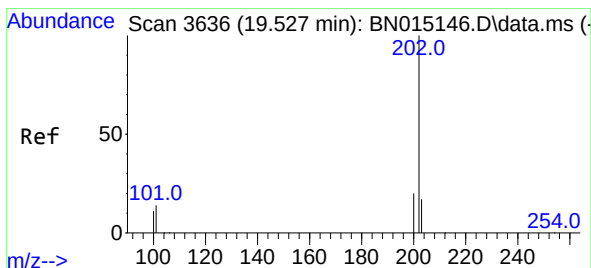
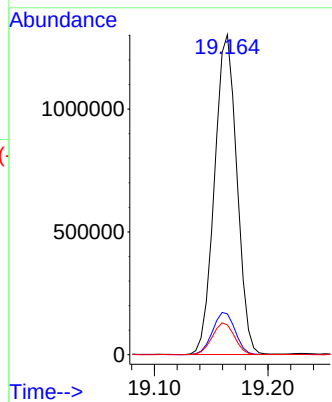
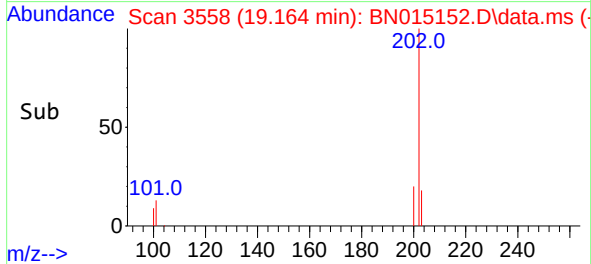




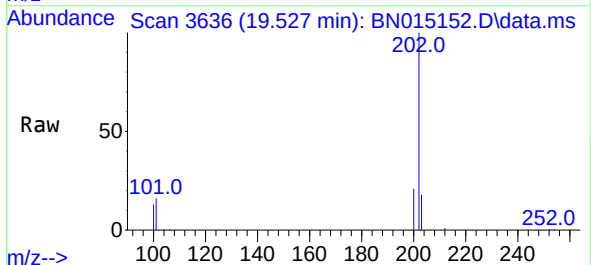
#19
Fluoranthene
Concen: 29.534 ng/u1
RT: 19.164 min Scan# 3558
Delta R.T. -0.011 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



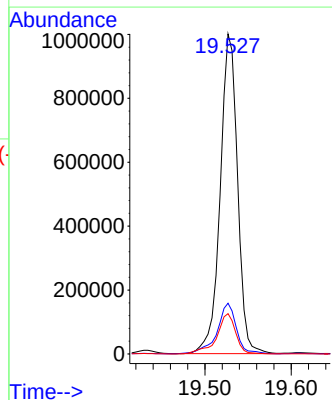
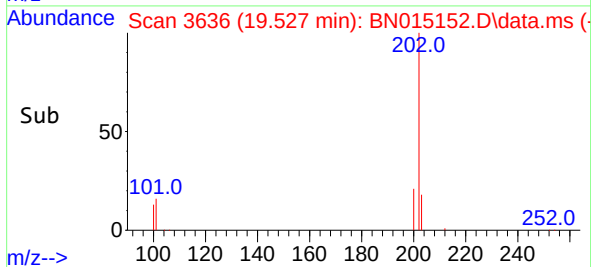
Tgt Ion:202 Resp: 1779898
Ion Ratio Lower Upper
202 100
101 12.7 10.1 15.1
100 9.3 7.4 11.0



#20
Pyrene
Concen: 23.214 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



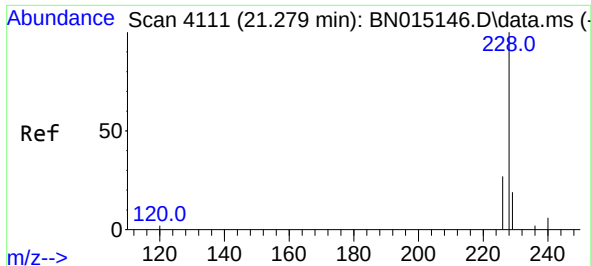
Tgt Ion:202 Resp: 1403132
Ion Ratio Lower Upper
202 100
101 15.8 12.0 18.0
100 12.6 9.6 14.4



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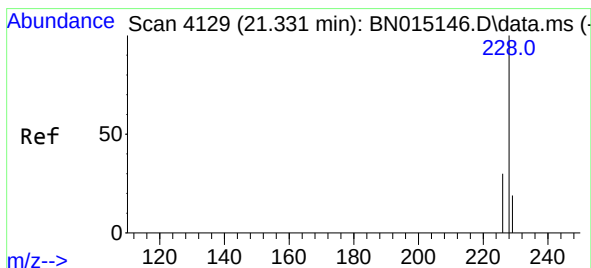
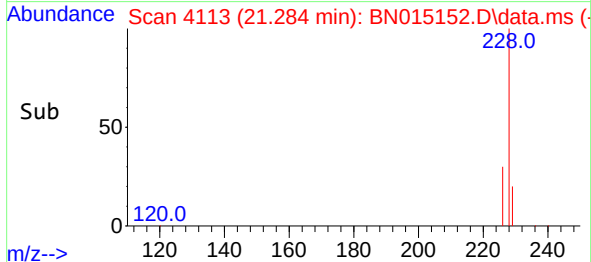
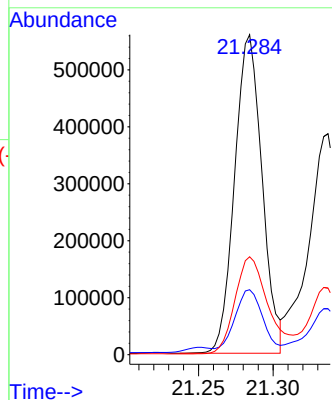
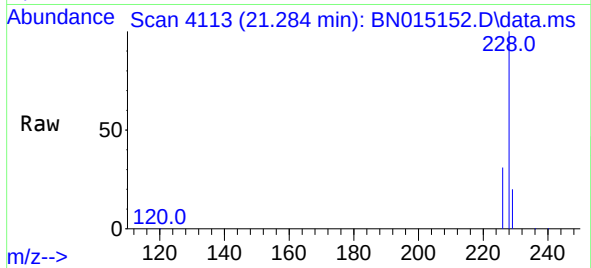
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Benzo(a)anthracene
Concen: 14.811 ng/ul
RT: 21.284 min Scan# 4113
Delta R.T. -0.012 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:228 Resp: 715547
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 30.6 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDM6

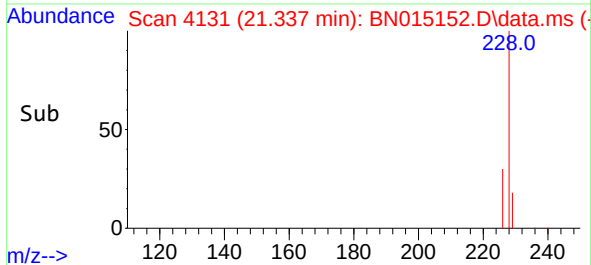
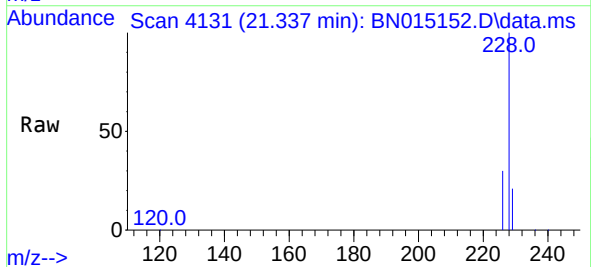
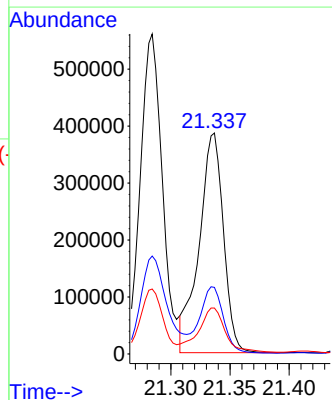
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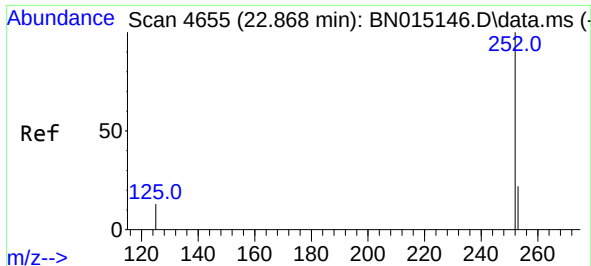
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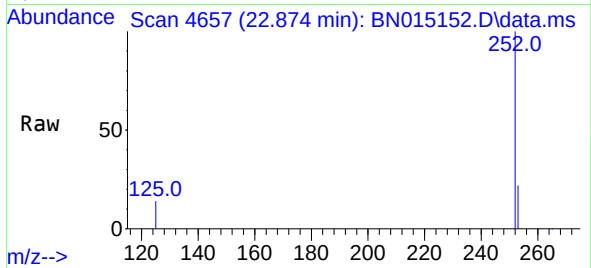
#22
Chrysene
Concen: 9.547 ng/ul
RT: 21.337 min Scan# 4131
Delta R.T. -0.012 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:228 Resp: 552187
Ion Ratio Lower Upper
228 100
226 30.1 24.6 37.0
229 20.8 15.7 23.5

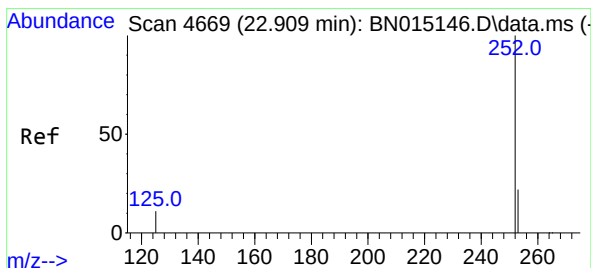
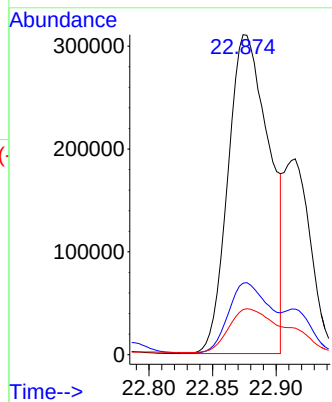
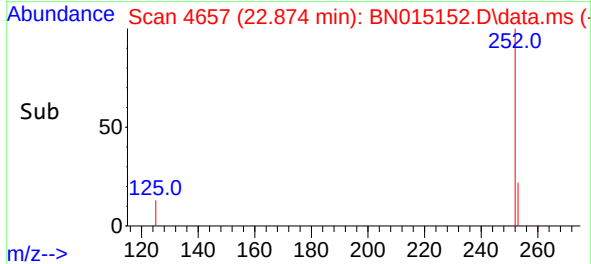




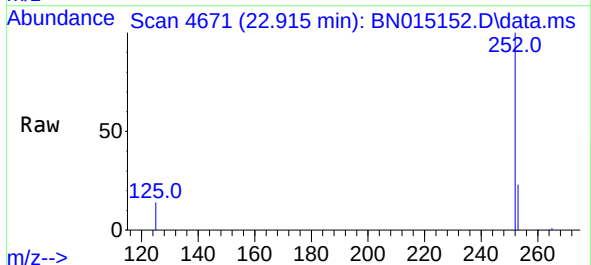
#24
Benzo(b)fluoranthene
Concen: 11.537 ng/ul m
RT: 22.874 min Scan# 4657
Delta R.T. -0.021 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



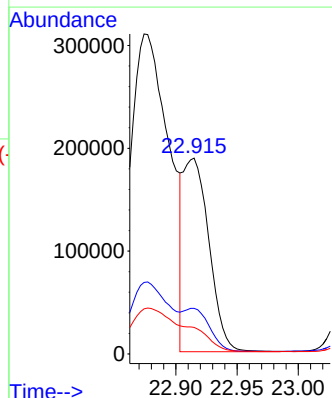
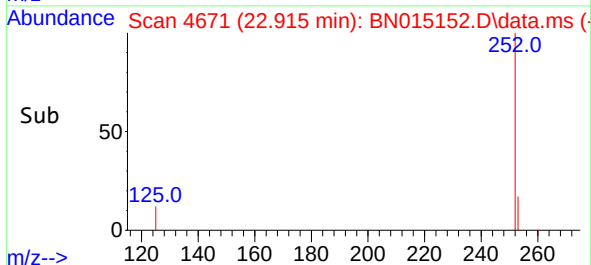
Tgt Ion:252 Resp: 699235
Ion Ratio Lower Upper
252 100
253 22.3 0.0 45.6
125 14.1 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 4.012 ng/ul m
RT: 22.915 min Scan# 4671
Delta R.T. -0.023 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



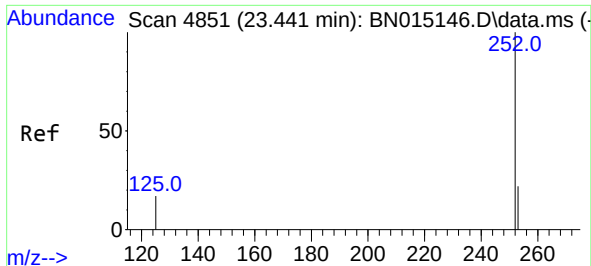
Tgt Ion:252 Resp: 274416
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 13.6 11.5 17.3



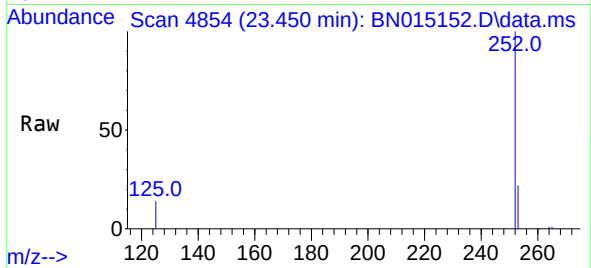
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ClientSampleId :
BGDM6

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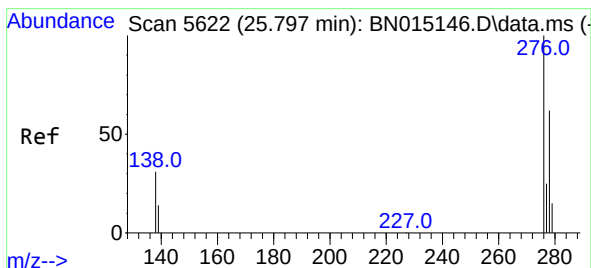
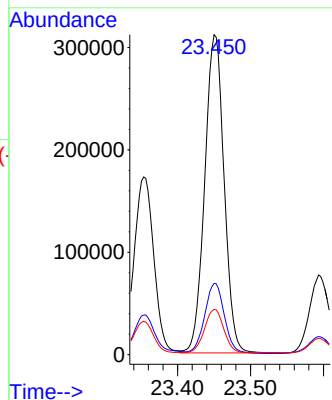
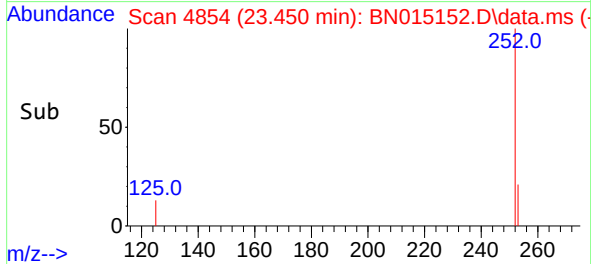
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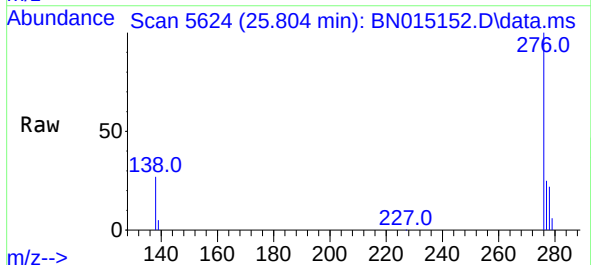
#26
Benzo(a)pyrene
Concen: 11.255 ng/ul
RT: 23.450 min Scan# 4854
Delta R.T. -0.021 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



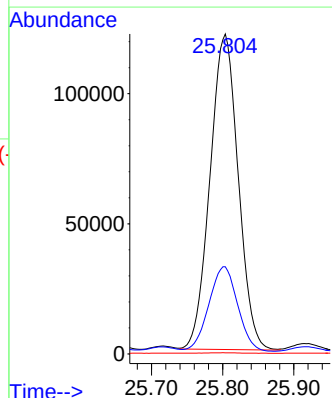
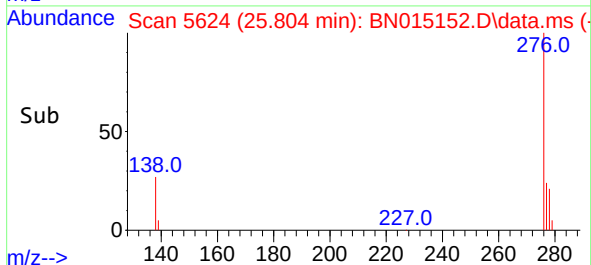
Tgt Ion:252 Resp: 572940
Ion Ratio Lower Upper
252 100
253 22.3 18.9 28.3
125 14.1 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.425 ng/ul
RT: 25.804 min Scan# 5624
Delta R.T. -0.037 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29



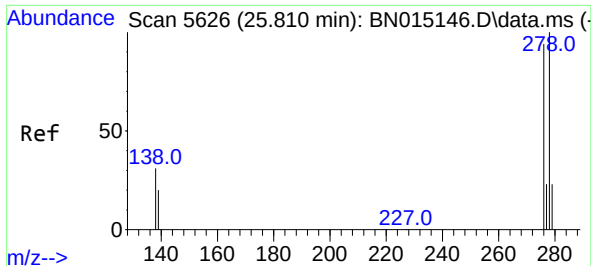
Tgt Ion:276 Resp: 333547
Ion Ratio Lower Upper
276 100
138 27.4 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
BGDM6

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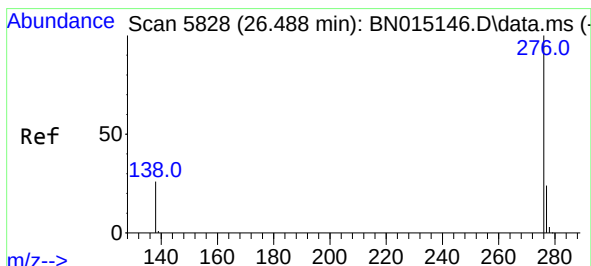
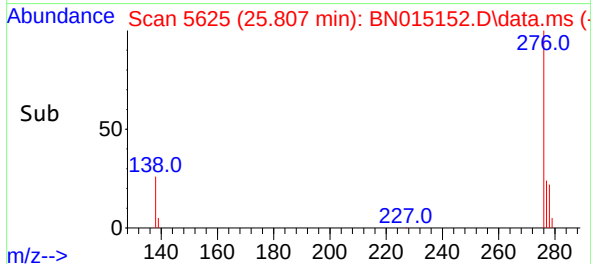
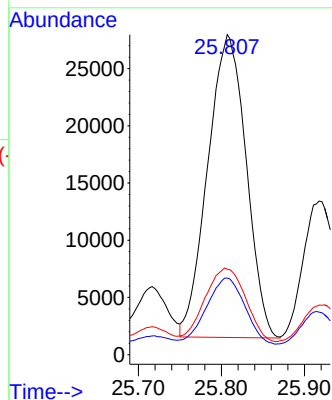
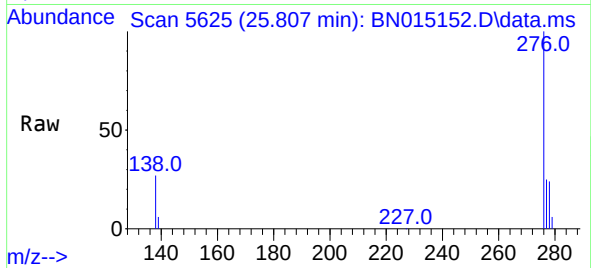
#28
Dibenzo(a,h)anthracene
Concen: 1.765 ng/ul
RT: 25.807 min Scan# 5625
Delta R.T. -0.054 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:278 Resp: 85058
Ion Ratio Lower Upper
278 100
139 23.9 18.9 28.3
279 26.7 20.8 31.2

Instrument :
BNA_N
ClientSampleId :
BGDM6

Manual Integrations
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6/28/2021 1:28:39 PM



#29
Benzo(g,h,i)perylene
Concen: 4.770 ng/ul
RT: 26.491 min Scan# 5829
Delta R.T. -0.034 min
Lab File: BN015152.D
Acq: 27 Jun 2021 14:29

Tgt Ion:276 Resp: 271738
Ion Ratio Lower Upper
276 100
138 28.2 23.0 34.4
277 24.1 19.3 28.9

