

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062221\
 Data File : BN014970.D
 Acq On : 22 Jun 2021 11:29
 Operator : CG/JU
 Sample : M2250-04
 Misc : SFAM-SIM-MDL-S-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

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Quant Time: Jun 22 11:58:33 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	7.741	152	4096	0.400	ng/ul	0.00
4) Naphthalene-d8	10.512	136	13826	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.367	164	6930	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.111	188	14093	0.400	ng/ul	0.00
17) Chrysene-d12	21.313	240	10183	0.400	ng/ul	0.00
23) Perylene-d12	23.570	264	9714	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.298	96	2303	0.499	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.102	152	5264	0.243	ng/ul	0.00
18) Fluoranthene-d10	19.146	212	9256	0.277	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.336	88	358	0.072	ng/ul#	75
5) Naphthalene	10.562	128	2879	0.065	ng/ul#	93
7) 2-Methylnaphthalene	12.179	142	1811	0.063	ng/ul	98
8) 1-Methylnaphthalene	12.399	142	1575	0.056	ng/ul	99
10) Acenaphthylene	14.080	152	2158	0.060	ng/ul	97
11) Acenaphthene	14.427	153	1758	0.064	ng/ul	99
12) Fluorene	15.417	166	1917	0.063	ng/ul#	96
14) Pentachlorophenol	16.761	266	248	0.080	ng/ul	97
15) Phenanthrene	17.153	178	3196	0.062	ng/ul	95
16) Anthracene	17.246	178	2625m	0.058	ng/ul	
19) Fluoranthene	19.178	202	3267	0.069	ng/ul	96
20) Pyrene	19.541	202	3278	0.069	ng/ul	95
21) Benzo(a)anthracene	21.296	228	2398	0.064	ng/ul	97
22) Chrysene	21.348	228	2948	0.065	ng/ul	97
24) Benzo(b)fluoranthene	22.894	252	2579	0.057	ng/ul	81
25) Benzo(k)fluoranthene	22.938	252	3165	0.062	ng/ul#	57
26) Benzo(a)pyrene	23.470	252	2243	0.059	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.840	276	2951	0.064	ng/ul	89
28) Dibenzo(a,h)anthracene	25.864	278	2310	0.064	ng/ul#	56
29) Benzo(g,h,i)perylene	26.531	276	2517	0.059	ng/ul#	87

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

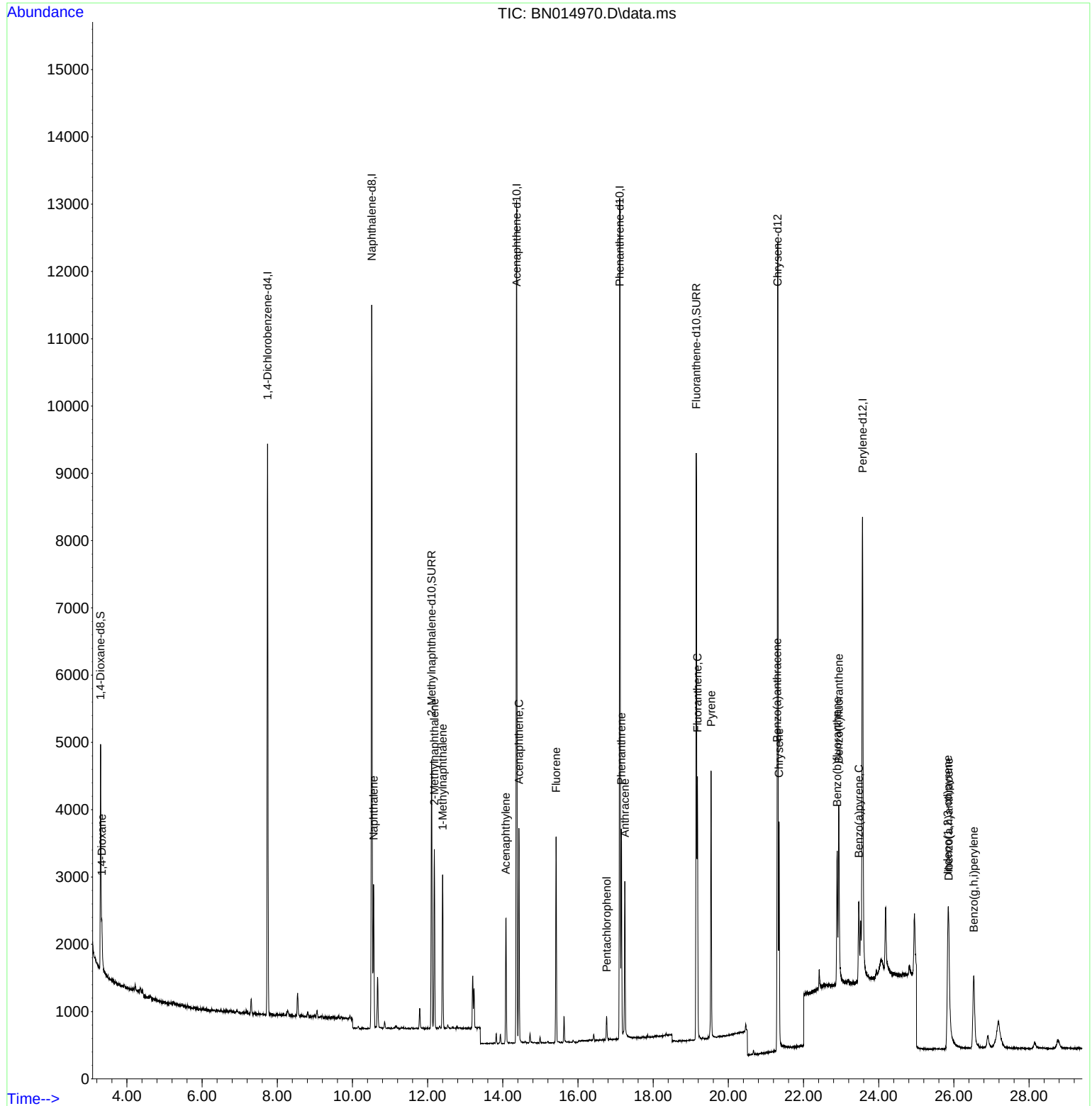
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062221\
Data File : BN014970.D
Acq On : 22 Jun 2021 11:29
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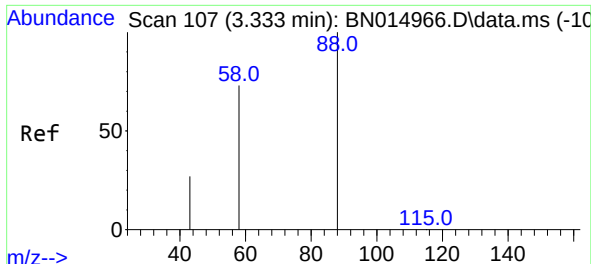
Instrument :
BNA_N
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MDL-SOIL-QT3-2021-06

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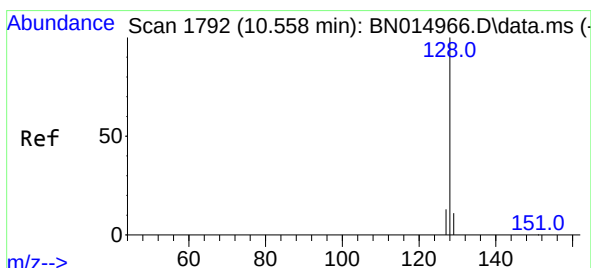
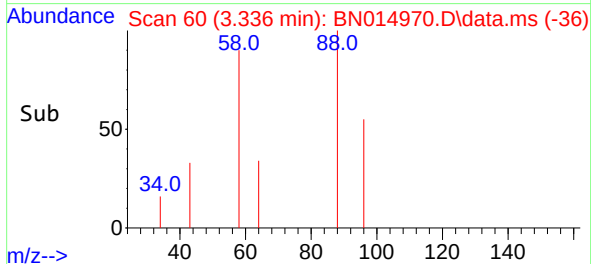
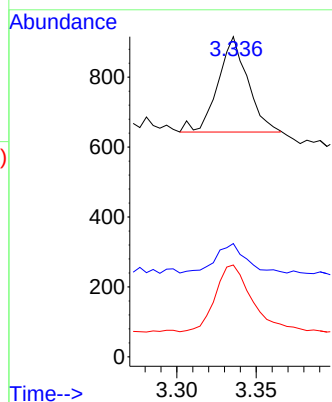
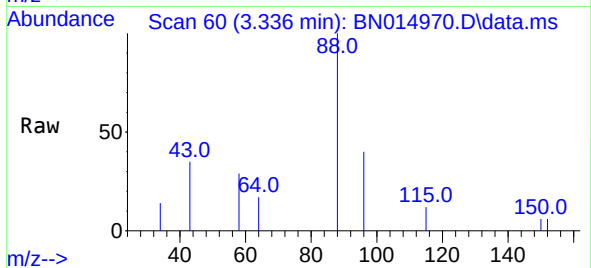
#2
1,4-Dioxane
Concen: 0.072 ng/ul
RT: 3.336 min Scan# 60
Delta R.T. 0.003 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
43 35.4 24.9 37.3
58 28.7 43.4 65.0#

Instrument :
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ClientSampleId :
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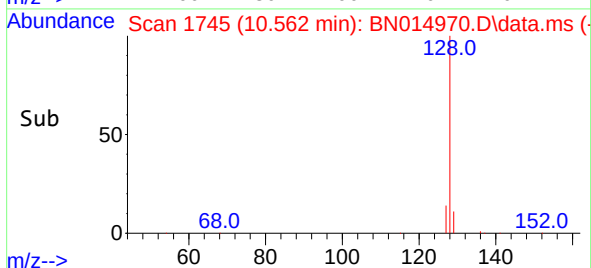
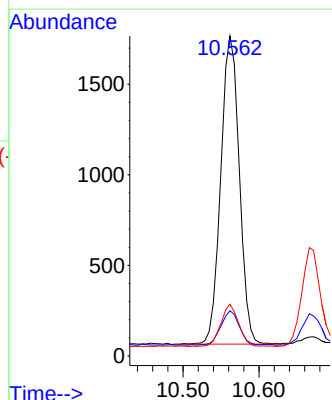
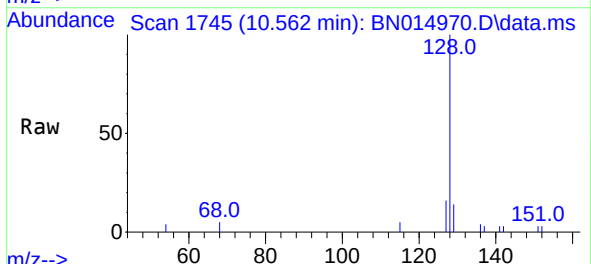
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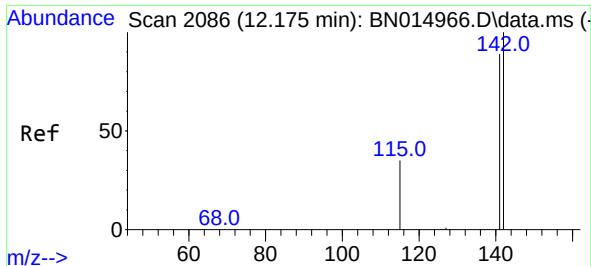
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#5
Naphthalene
Concen: 0.065 ng/ul
RT: 10.562 min Scan# 1745
Delta R.T. 0.004 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion: 128 Resp: 2879
Ion Ratio Lower Upper
128 100
129 14.1 9.3 13.9#
127 16.1 10.8 16.2





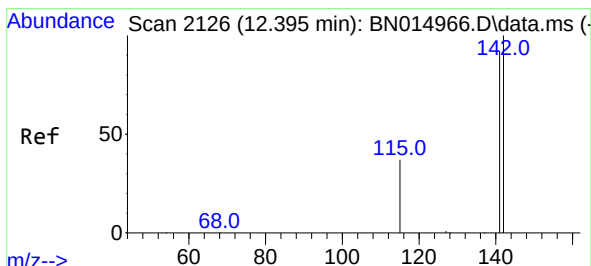
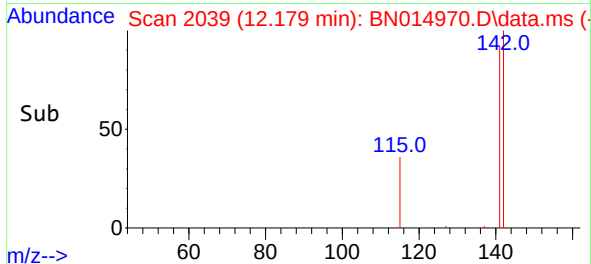
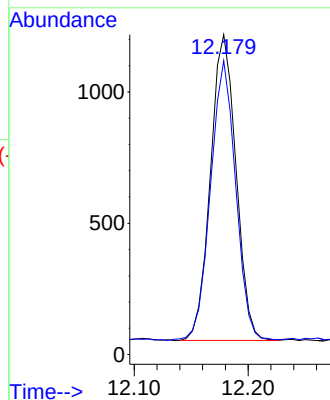
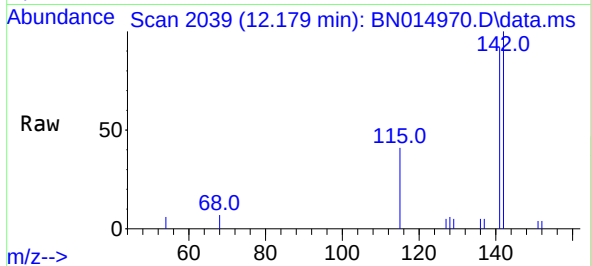
#7
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.179 min Scan# 2039
Delta R.T. 0.004 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:142 Resp: 1811
Ion Ratio Lower Upper
142 100
141 90.1 70.3 105.5

Instrument :
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ClientSampleId :
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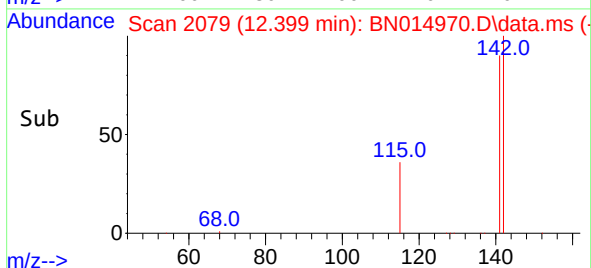
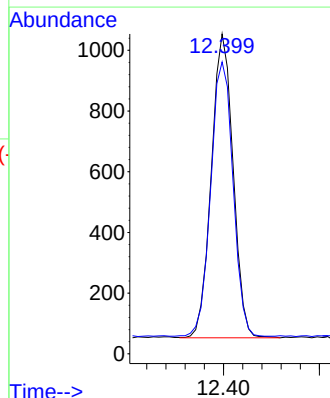
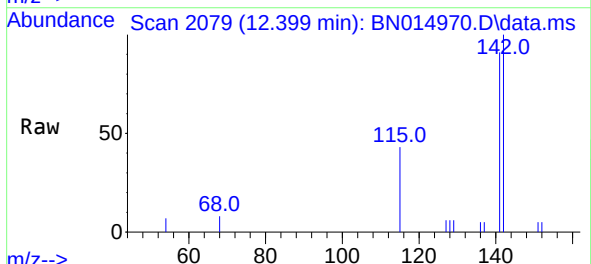
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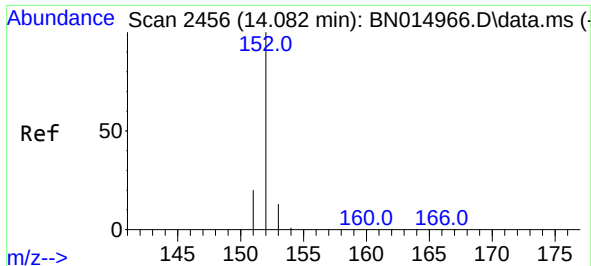
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#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.399 min Scan# 2079
Delta R.T. 0.004 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:142 Resp: 1575
Ion Ratio Lower Upper
142 100
141 92.1 74.2 111.4





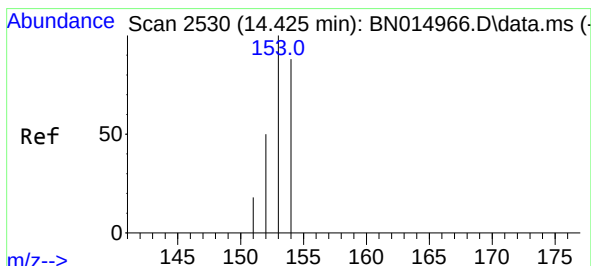
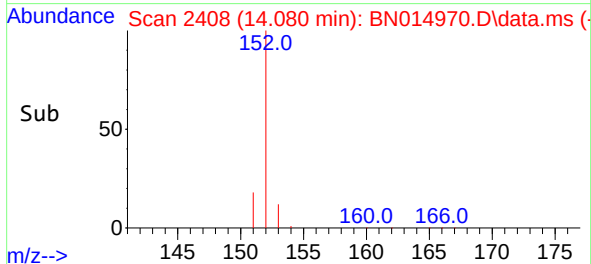
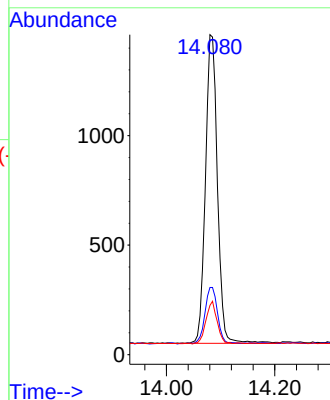
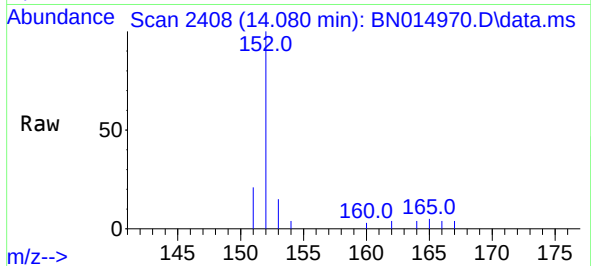
#10
Acenaphthylene
Concen: 0.060 ng/ul
RT: 14.080 min Scan# 2408
Delta R.T. -0.002 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:152	Resp:	2158
Ion Ratio	Lower	Upper
152	100	
151	21.0	16.0 24.0
153	15.4	10.9 16.3

Instrument :
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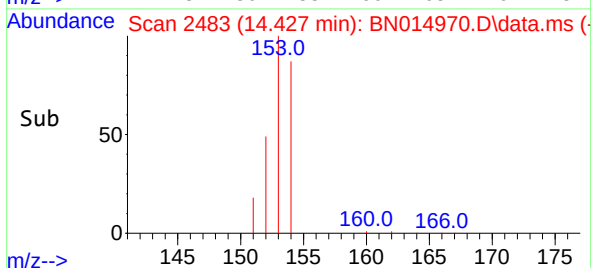
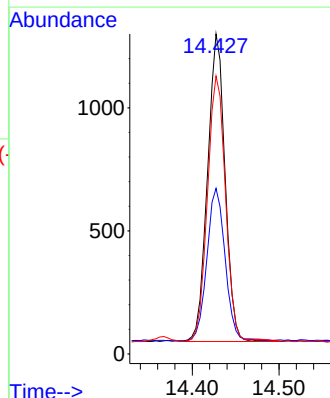
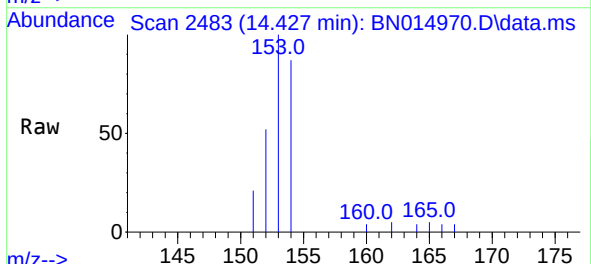
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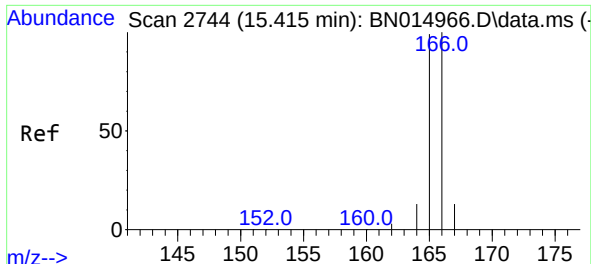
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#11
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.427 min Scan# 2483
Delta R.T. 0.003 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:153	Resp:	1758
Ion Ratio	Lower	Upper
153	100	
152	51.8	39.8 59.6
154	86.8	69.8 104.8





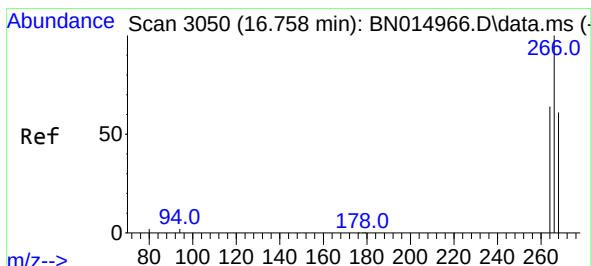
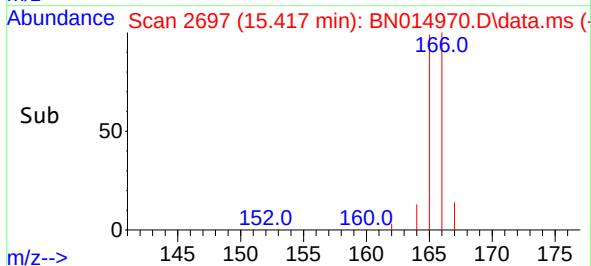
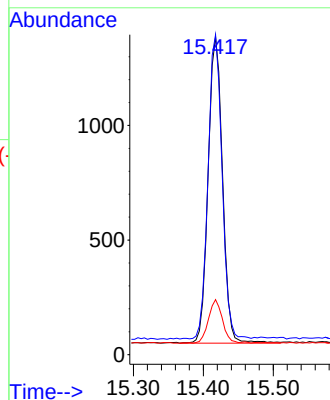
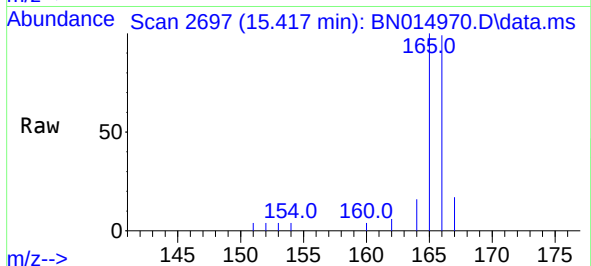
#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.417 min Scan# 2697
Delta R.T. 0.003 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	166	Resp:	1917
Ion Ratio	Lower	Upper	
166	100		
165	100.6	77.8	116.8
167	17.3	11.2	16.8#

Instrument :
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ClientSampleId :
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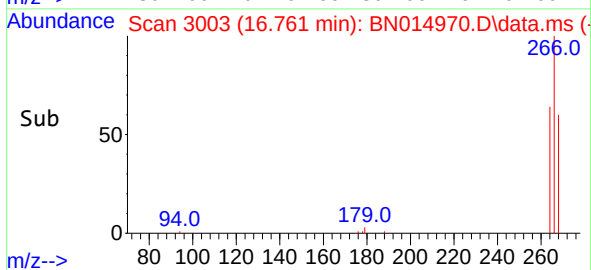
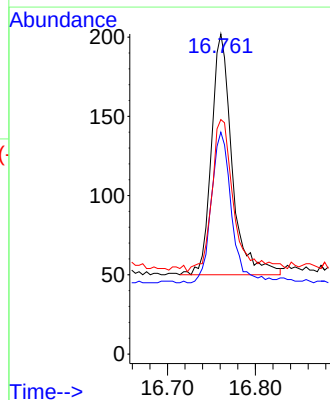
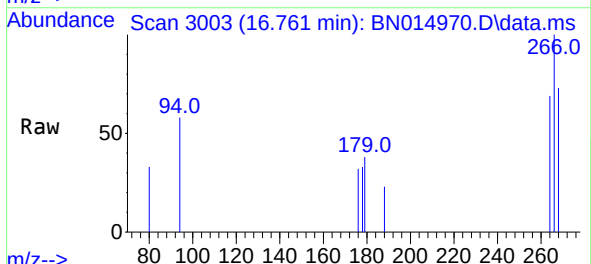
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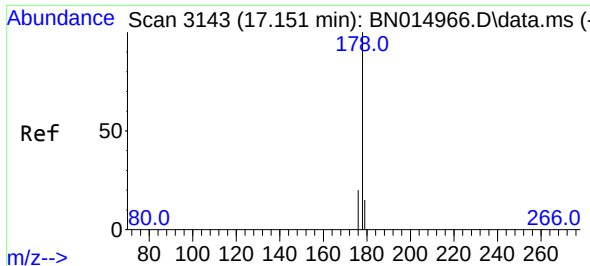
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#14
Pentachlorophenol
Concen: 0.080 ng/ul
RT: 16.761 min Scan# 3003
Delta R.T. 0.002 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

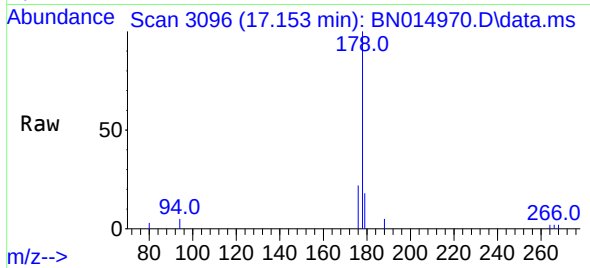
Tgt Ion:	266	Resp:	248
Ion Ratio	Lower	Upper	
266	100		
264	60.9	50.2	75.2
268	67.7	51.8	77.6





#15
Phenanthrene
Concen: 0.062 ng/ul
RT: 17.153 min Scan# 3096
Delta R.T. 0.002 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

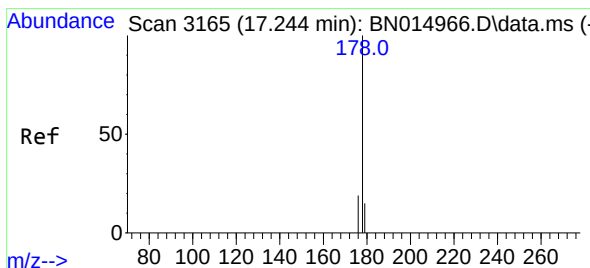
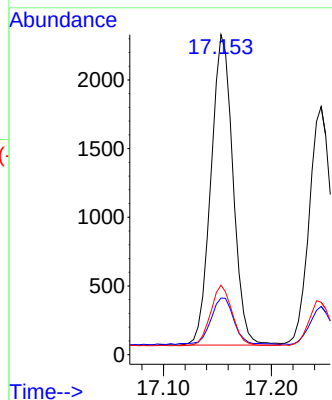
Instrument :
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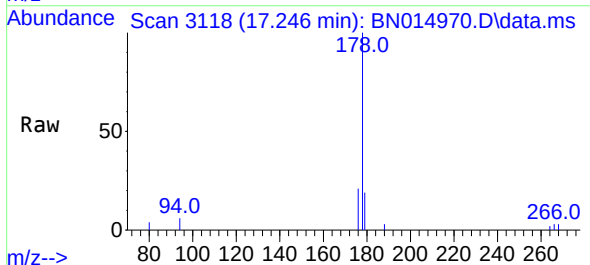
Tgt Ion:178 Resp: 3196
Ion Ratio Lower Upper
178 100
179 17.7 12.3 18.5
176 21.7 15.5 23.3

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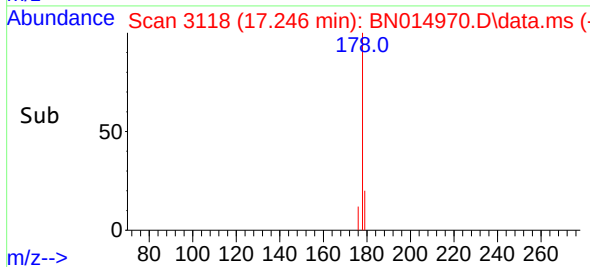
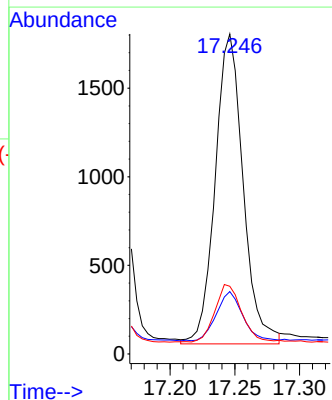
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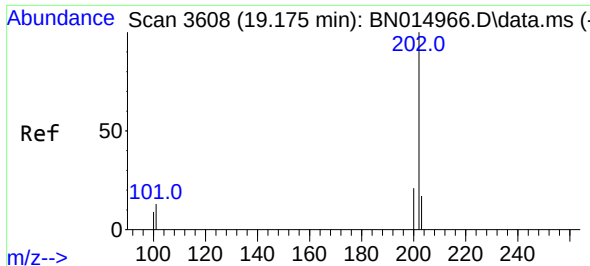


#16
Anthracene
Concen: 0.058 ng/ul m
RT: 17.246 min Scan# 3118
Delta R.T. 0.002 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29



Tgt Ion:178 Resp: 2625
Ion Ratio Lower Upper
178 100
179 19.5 12.8 19.2#
176 21.2 15.2 22.8





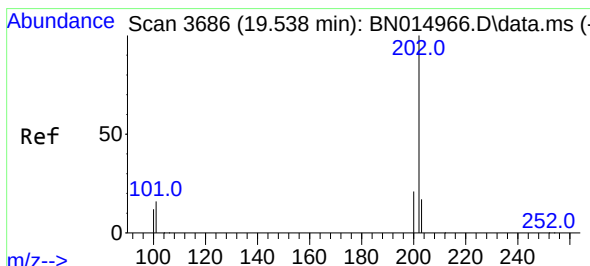
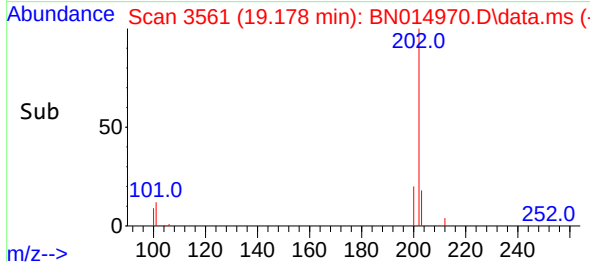
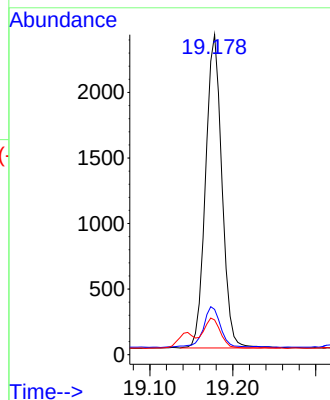
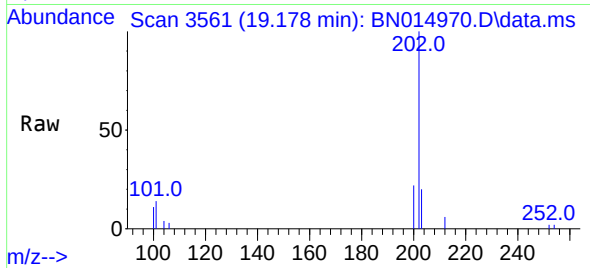
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Fluoranthene
Concen: 0.069 ng/u1
RT: 19.178 min Scan# 3561
Delta R.T. 0.003 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	202	Resp:	3267
Ion Ratio	Lower	Upper	
202	100		
101	14.2	10.1	15.1
100	10.9	7.4	11.0

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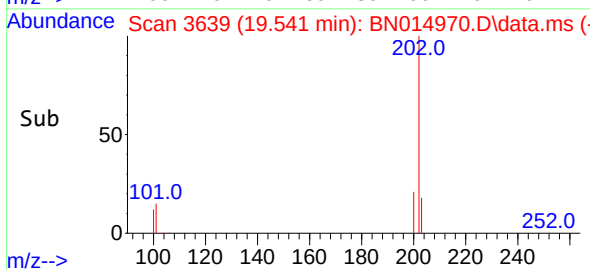
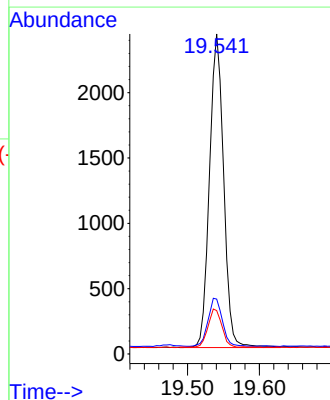
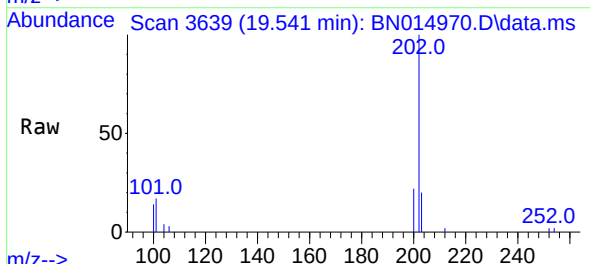
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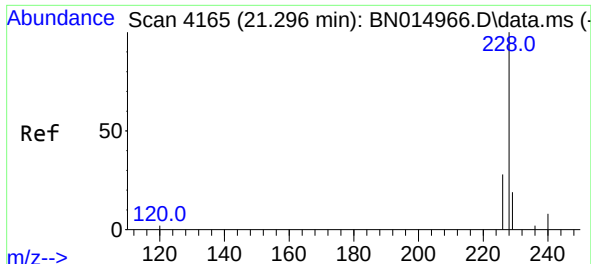
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#20
Pyrene
Concen: 0.069 ng/u1
RT: 19.541 min Scan# 3639
Delta R.T. 0.003 min
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Tgt Ion:	202	Resp:	3278
Ion Ratio	Lower	Upper	
202	100		
101	17.1	12.0	18.0
100	13.6	9.6	14.4





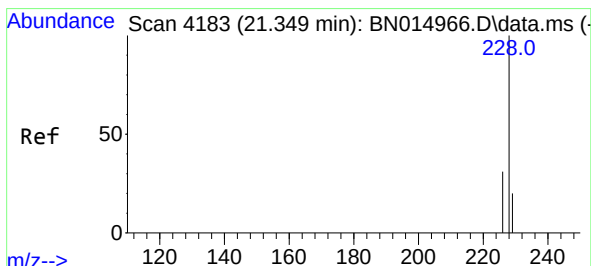
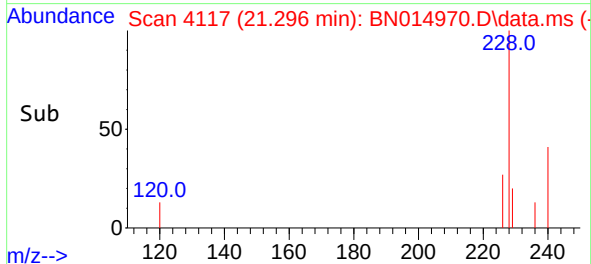
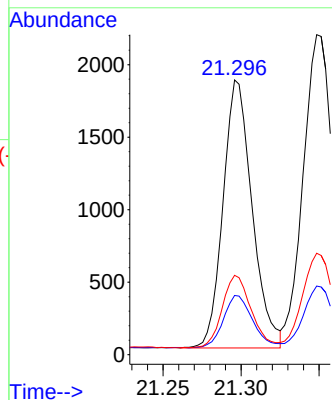
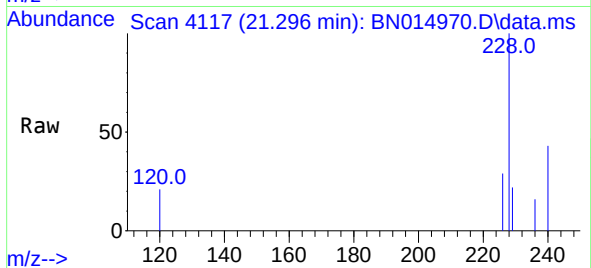
#21
Benzo(a)anthracene
Concen: 0.064 ng/u1
RT: 21.296 min Scan# 4117
Delta R.T. -0.000 min
Lab File: BN014970.D
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Tgt Ion:	228	Resp:	2398
Ion Ratio	Lower	Upper	
228	100		
229	21.5	15.8	23.8
226	28.9	21.8	32.8

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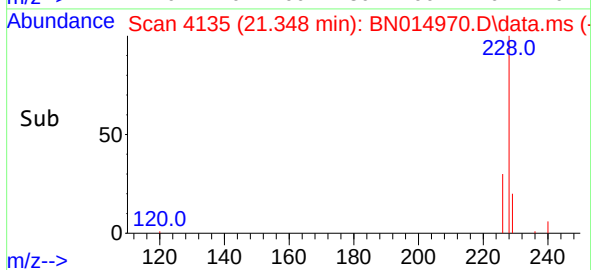
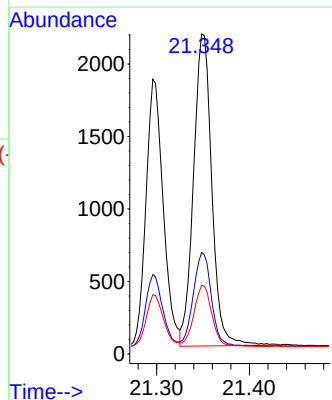
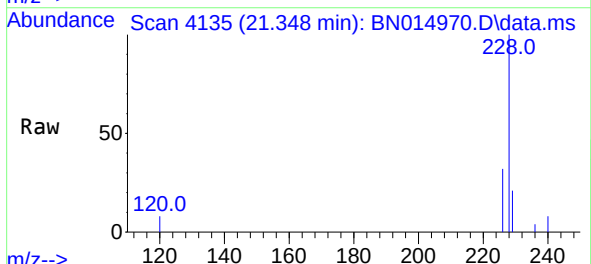
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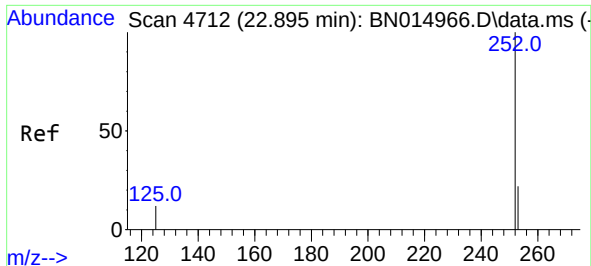
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#22
Chrysene
Concen: 0.065 ng/u1
RT: 21.348 min Scan# 4135
Delta R.T. -0.000 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	228	Resp:	2948
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.6	37.0
229	21.5	15.7	23.5





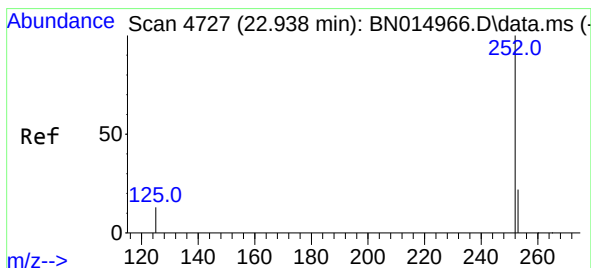
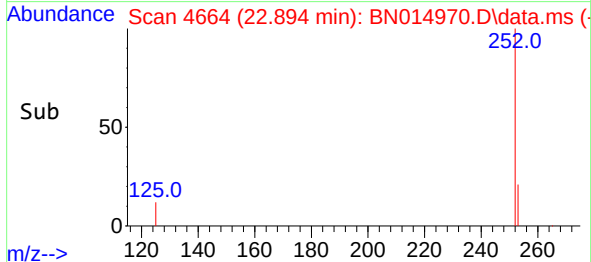
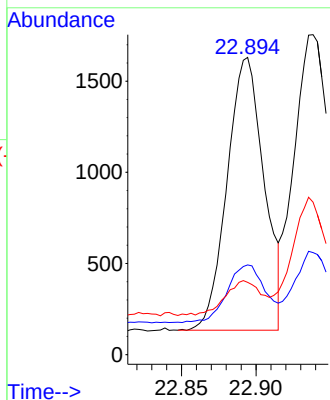
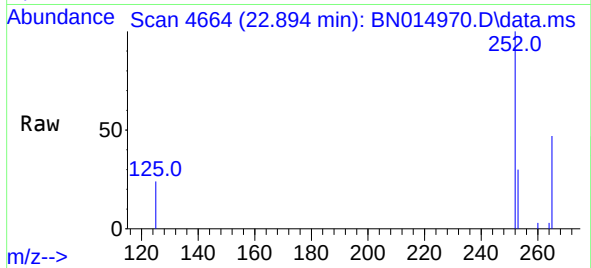
#24
Benzo(b)fluoranthene
Concen: 0.057 ng/ul
RT: 22.894 min Scan# 4664
Delta R.T. -0.000 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	252	Resp:	2579
Ion Ratio	Lower	Upper	
252	100		
253	30.2	0.0	45.6
125	24.3	0.0	28.4

Instrument :
BNA_N
ClientSampleId :
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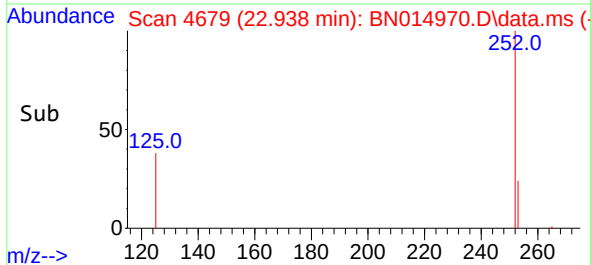
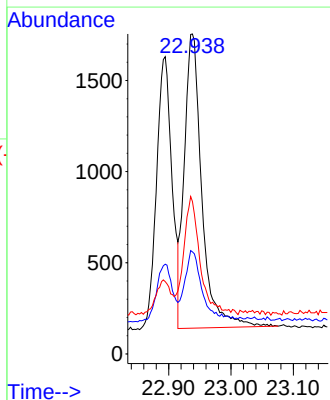
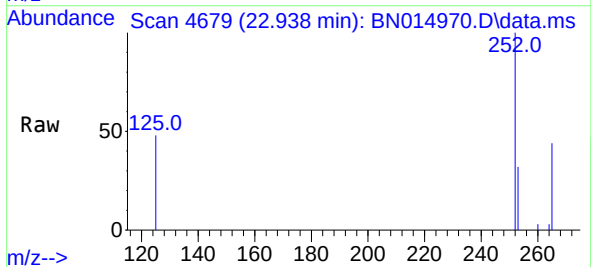
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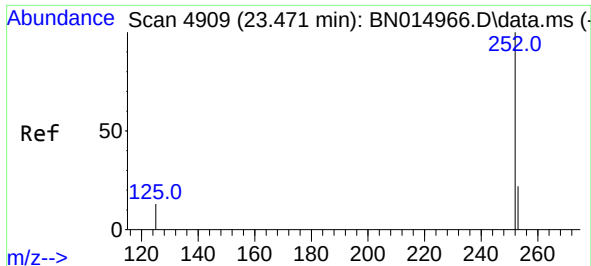
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#25
Benzo(k)fluoranthene
Concen: 0.062 ng/ul
RT: 22.938 min Scan# 4679
Delta R.T. -0.000 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	252	Resp:	3165
Ion Ratio	Lower	Upper	
252	100		
253	31.9	18.1	27.1#
125	47.6	11.5	17.3#





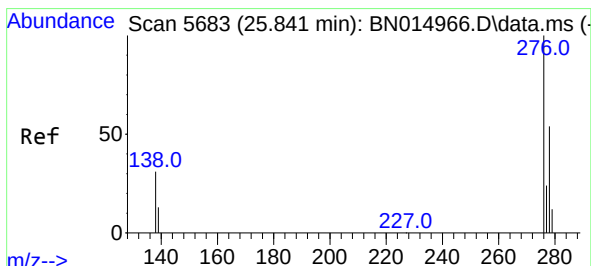
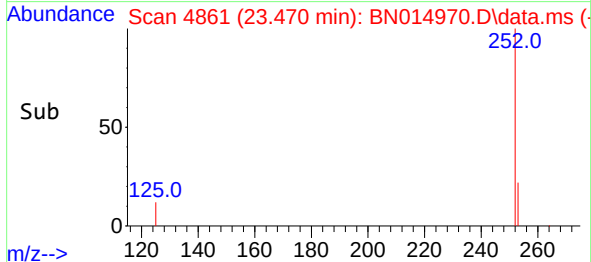
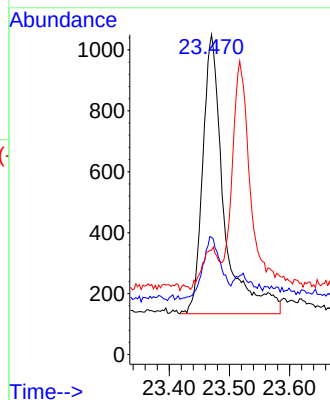
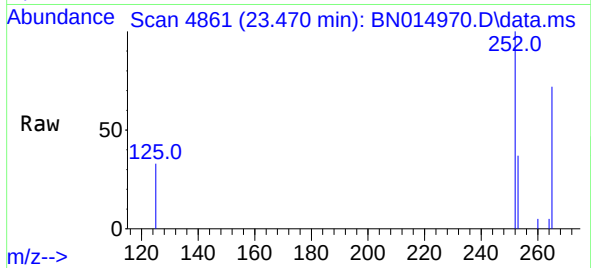
#26
Benzo(a)pyrene
Concen: 0.059 ng/ul
RT: 23.470 min Scan# 4861
Delta R.T. -0.000 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	252	Resp:	2243
Ion Ratio	Lower	Upper	
252	100		
253	36.7	18.9	28.3#
125	32.6	13.5	20.3#

Instrument :
BNA_N
ClientSampleId :
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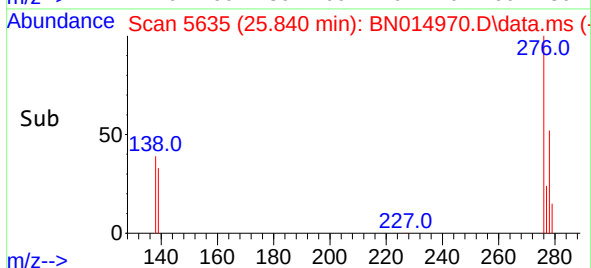
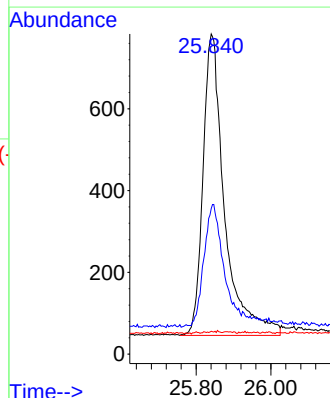
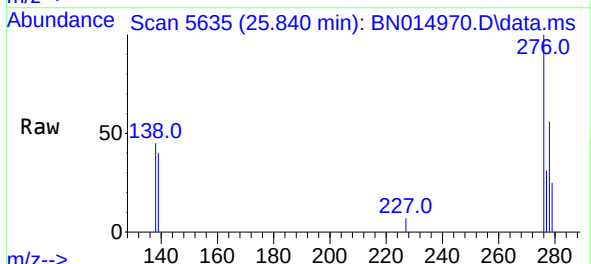
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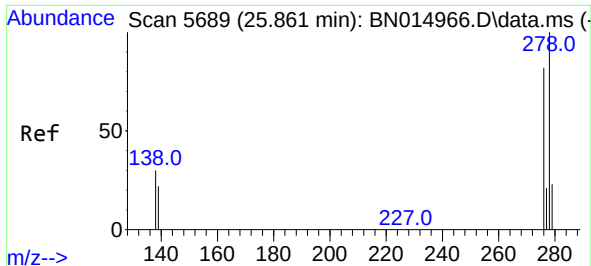
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 25.840 min Scan# 5635
Delta R.T. -0.000 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion:	276	Resp:	2951
Ion Ratio	Lower	Upper	
276	100		
138	39.2	26.3	39.5
227	0.1	0.1	0.1





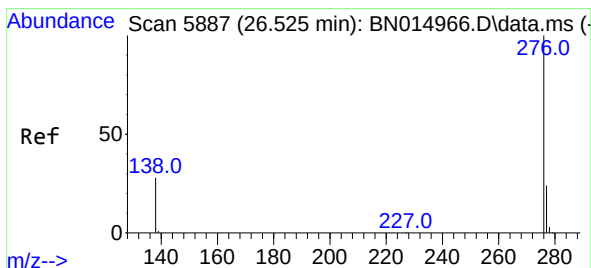
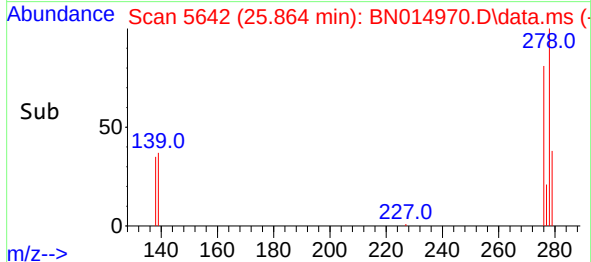
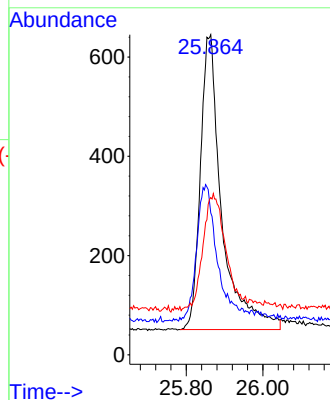
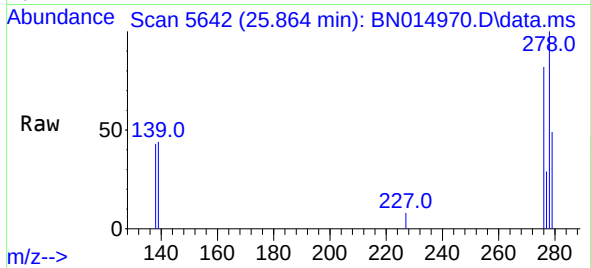
#28
Dibenzo(a,h)anthracene
Concen: 0.064 ng/ul
RT: 25.864 min Scan# 5642
Delta R.T. 0.003 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion: 278 Resp: 2310
Ion Ratio Lower Upper
278 100
139 44.3 18.9 28.3#
279 49.1 20.8 31.2#

Instrument :
BNA_N
ClientSampleId :
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#29
Benzo(g,h,i)perylene
Concen: 0.059 ng/ul
RT: 26.531 min Scan# 5841
Delta R.T. 0.006 min
Lab File: BN014970.D
Acq: 22 Jun 2021 11:29

Tgt Ion: 276 Resp: 2517
Ion Ratio Lower Upper
276 100
138 35.8 23.0 34.4#
277 30.0 19.3 28.9#

