

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015469.D
 Acq On : 10 Jul 2021 05:39
 Operator : CG/JU
 Sample : M2808-06DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDQ3DL

Manual Integrations
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 7/12/2021 9:33:52 AM

Quant Time: Jul 10 06:11:53 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 : Thu Jul 08 11:17:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	3806	0.400	ng/ul	0.00
4) Naphthalene-d8	10.480	136	13344	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	7025	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	14030	0.400	ng/ul	0.00
17) Chrysene-d12	21.281	240	11494	0.400	ng/ul	0.00
23) Perylene-d12	23.517	264	10681	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	1591	0.371	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	565	0.027	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	1317	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	5717	0.134	ng/ul	98
7) 2-Methylnaphthalene	12.146	142	824	0.030	ng/ul	100
8) 1-Methylnaphthalene	12.366	142	555	0.021	ng/ul	99
10) Acenaphthylene	14.053	152	11901	0.328	ng/ul	100
11) Acenaphthene	14.400	153	5344	0.192	ng/ul	99
12) Fluorene	15.385	166	7397	0.241	ng/ul	98
15) Phenanthrene	17.124	178	125600	2.467	ng/ul	100
16) Anthracene	17.217	178	46123	1.027	ng/ul	99
19) Fluoranthene	19.150	202	265115	4.992	ng/ul	99
20) Pyrene	19.512	202	199024	3.736	ng/ul	99
21) Benzo(a)anthracene	21.263	228	120150	2.822	ng/ul	97
22) Chrysene	21.316	228	101041	1.982	ng/ul	98
24) Benzo(b)fluoranthene	22.847	252	107672m	2.158	ng/ul	
25) Benzo(k)fluoranthene	22.885	252	40864m	0.726	ng/ul	
26) Benzo(a)pyrene	23.420	252	73318	1.749	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.760	276	39545	0.781	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.766	278	13317	0.336	ng/ul#	93
29) Benzo(g,h,i)perylene	26.451	276	4578	0.098	ng/ul#	84

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

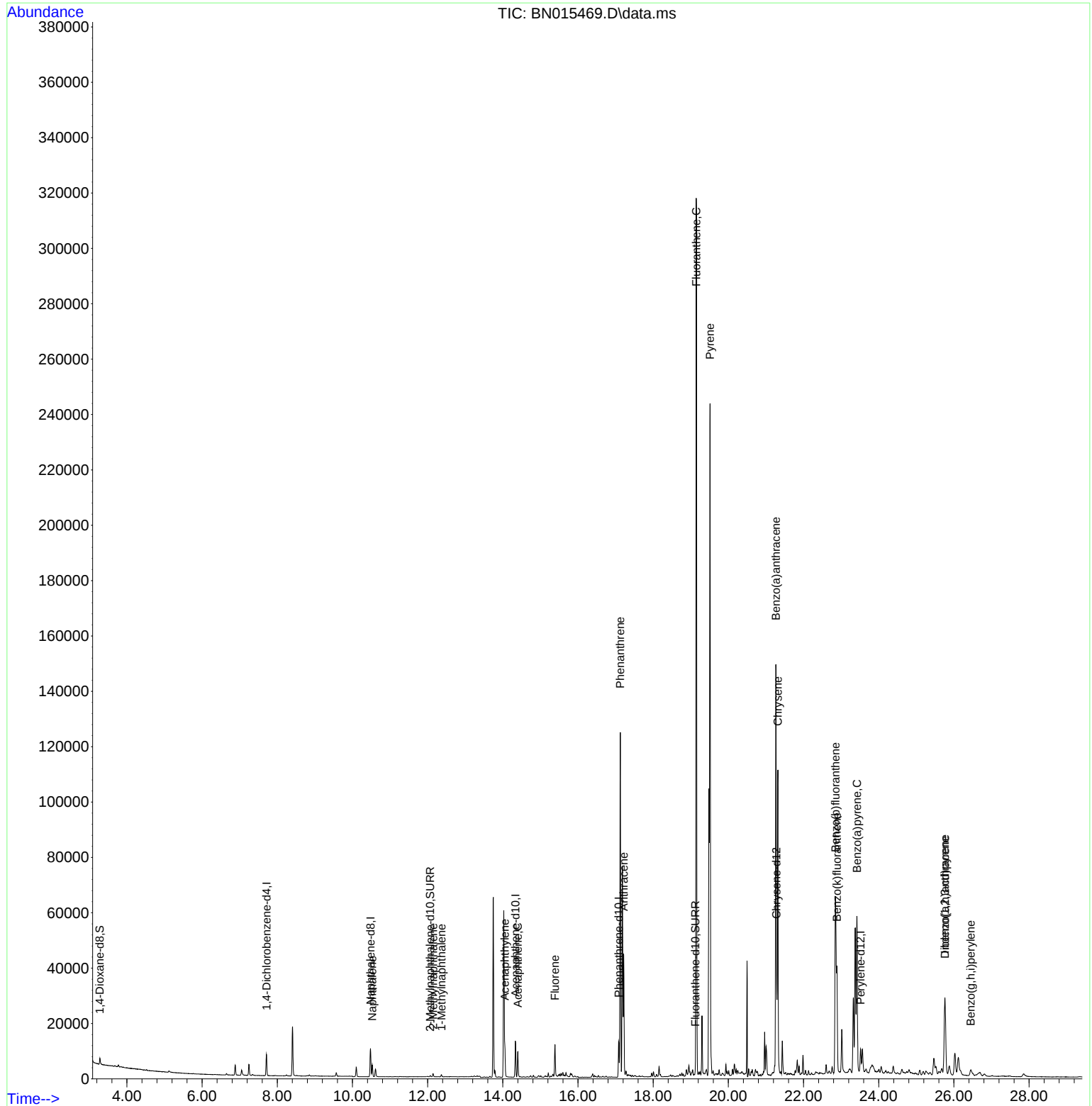
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Data File : BN015469.D
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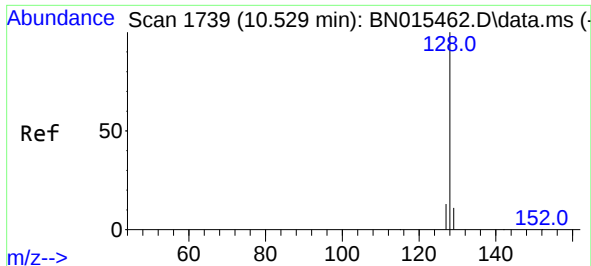
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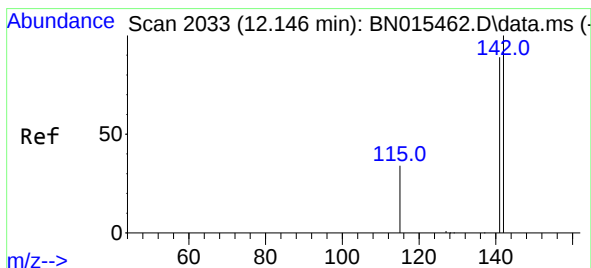
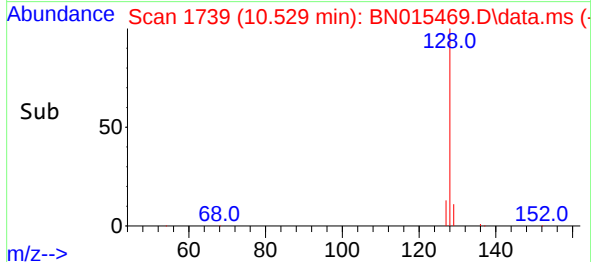
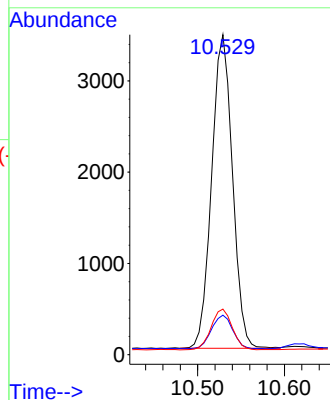
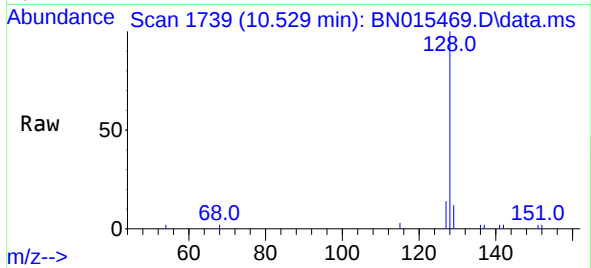
#5
Naphthalene
Concen: 0.134 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:	128	Resp:	5717
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.3	13.9
127	14.2	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
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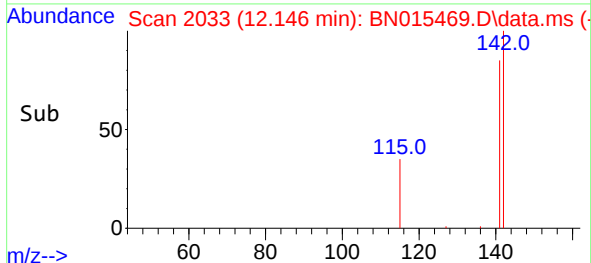
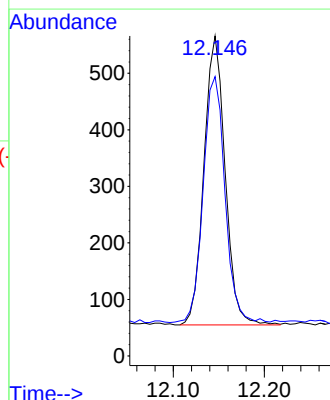
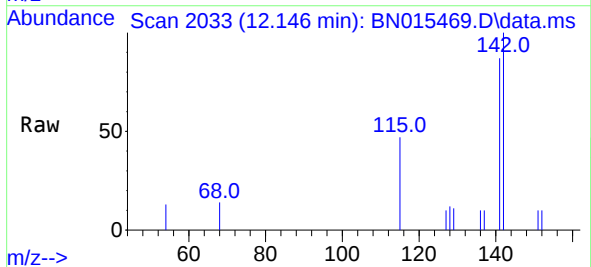
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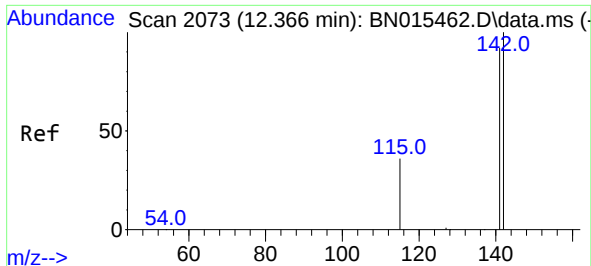
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#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:	142	Resp:	824
Ion Ratio	Lower	Upper	
142	100		
141	87.6	70.3	105.5





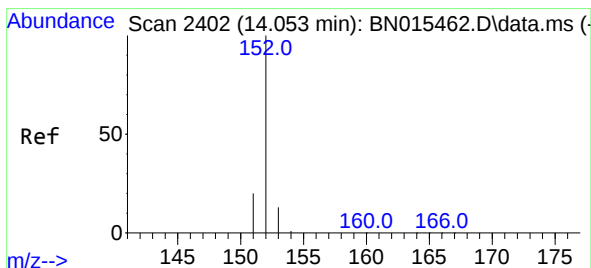
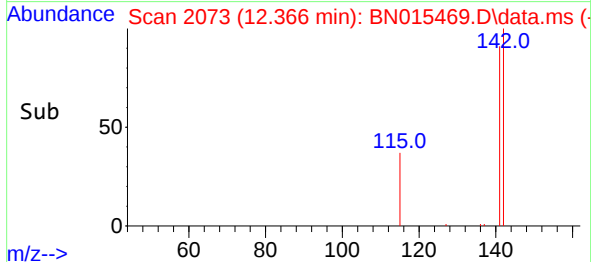
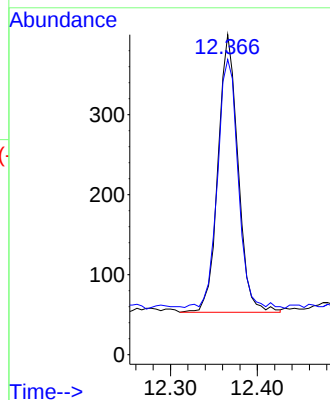
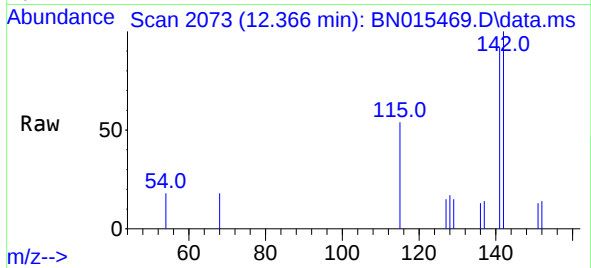
#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:142 Resp: 555
Ion Ratio Lower Upper
142 100
141 92.3 74.2 111.4

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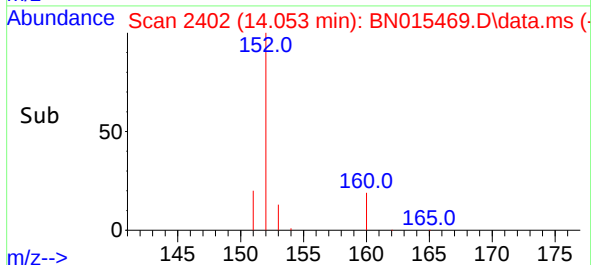
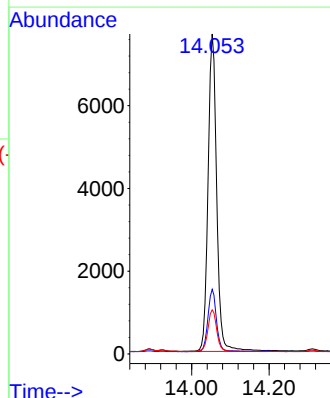
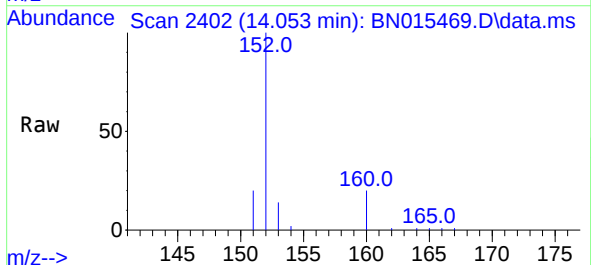
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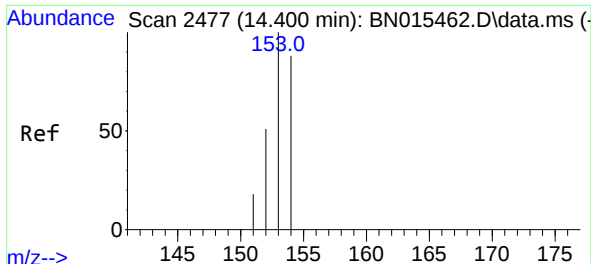
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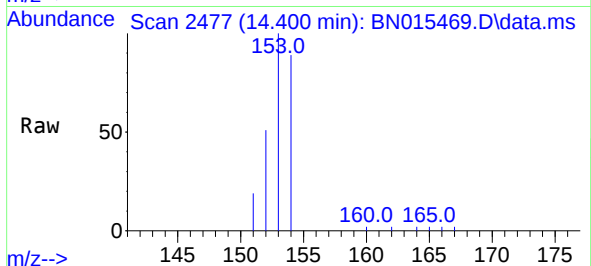
#10
Acenaphthylene
Concen: 0.328 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.004 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:152 Resp: 11901
Ion Ratio Lower Upper
152 100
151 20.2 16.0 24.0
153 13.8 10.9 16.3

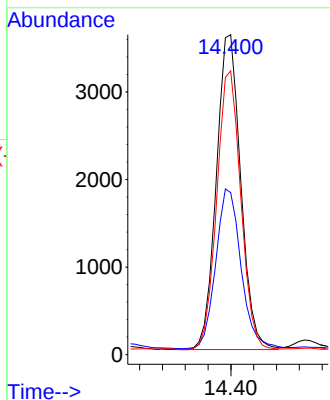
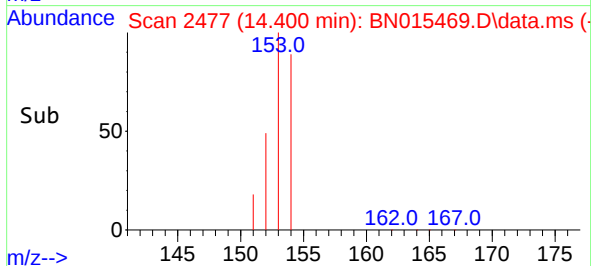




#11
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



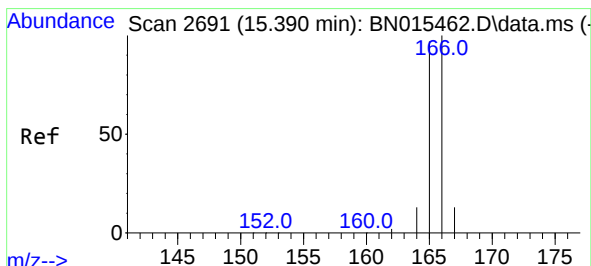
Tgt Ion:153 Resp: 5344
Ion Ratio Lower Upper
153 100
152 50.6 39.8 59.6
154 88.7 69.8 104.8



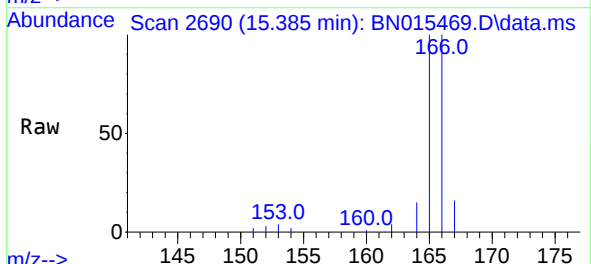
Instrument :
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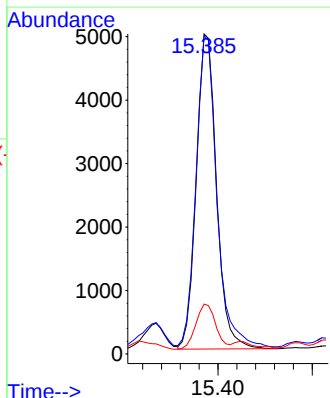
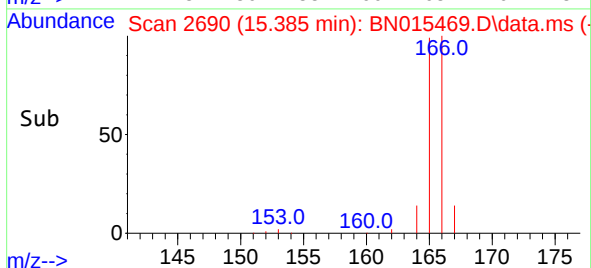
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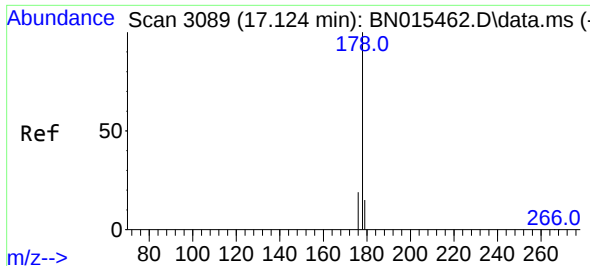


#12
Fluorene
Concen: 0.241 ng/ul
RT: 15.385 min Scan# 2690
Delta R.T. -0.004 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



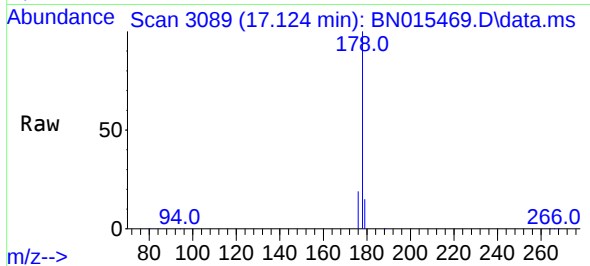
Tgt Ion:166 Resp: 7397
Ion Ratio Lower Upper
166 100
165 99.5 77.8 116.8
167 15.6 11.2 16.8





#15
Phenanthrene
Concen: 2.467 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

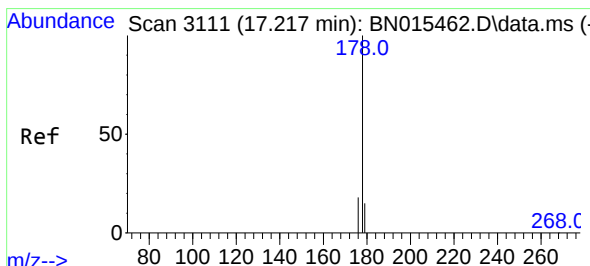
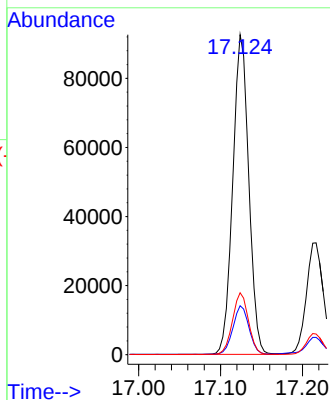
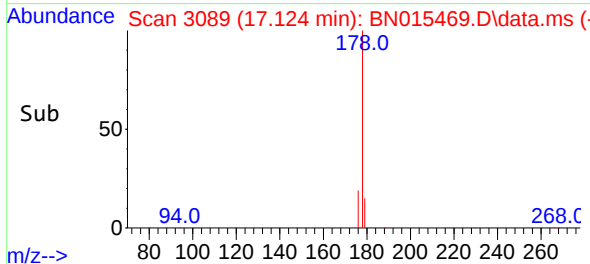
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BNA_N
ClientSampleId :
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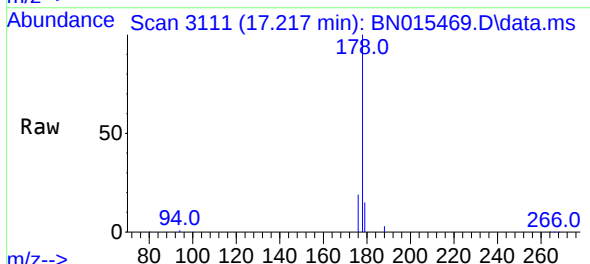
Tgt Ion:178 Resp: 125600
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.4 15.5 23.3

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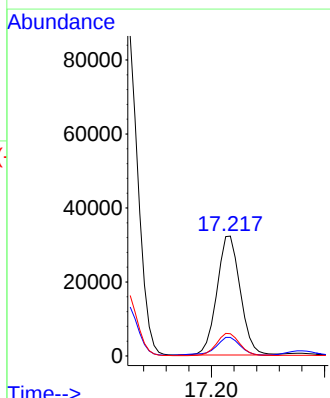
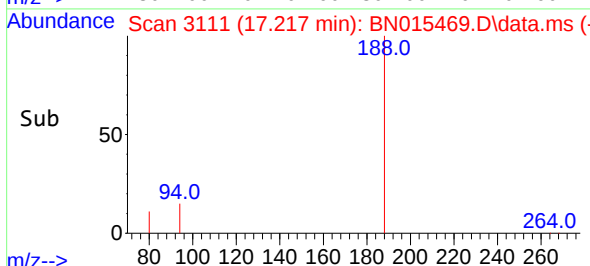
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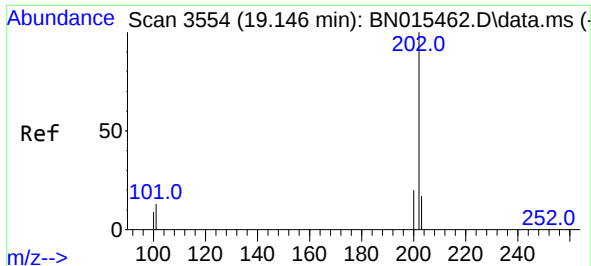


#16
Anthracene
Concen: 1.027 ng/ul
RT: 17.217 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

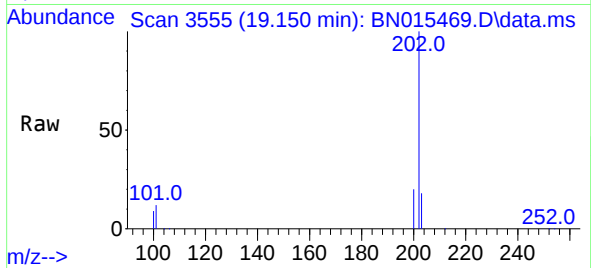


Tgt Ion:178 Resp: 46123
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.5 15.2 22.8

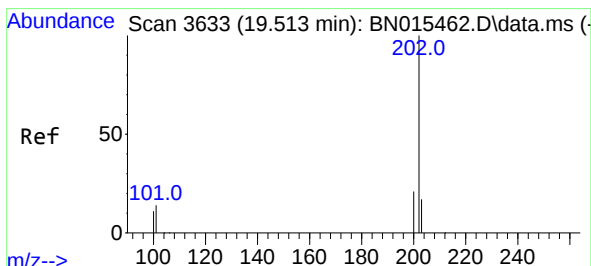
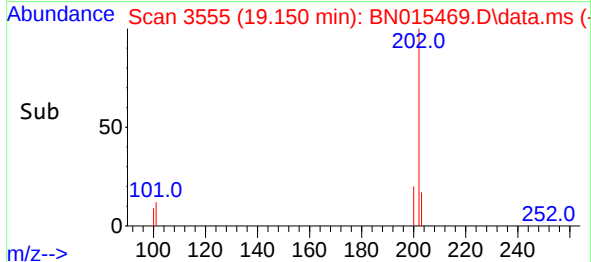
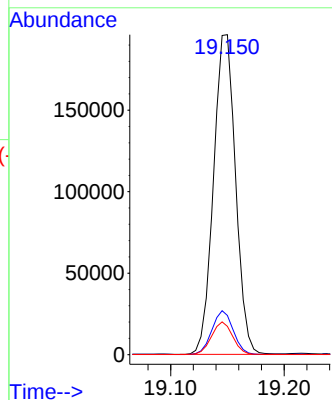




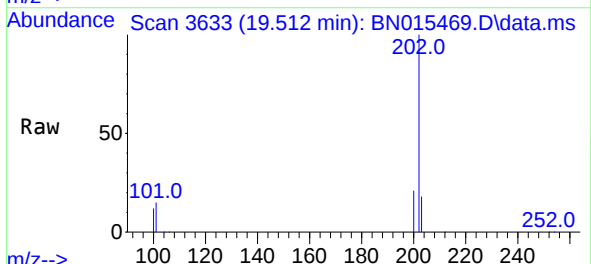
#19
Fluoranthene
Concen: 4.992 ng/ul
RT: 19.150 min Scan# 3555
Delta R.T. 0.000 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



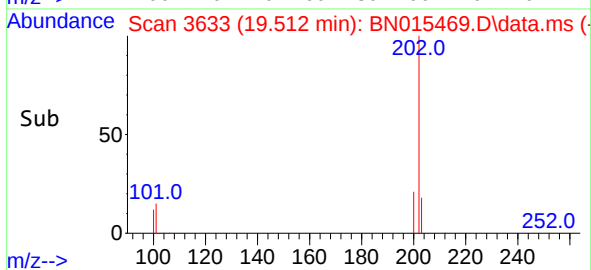
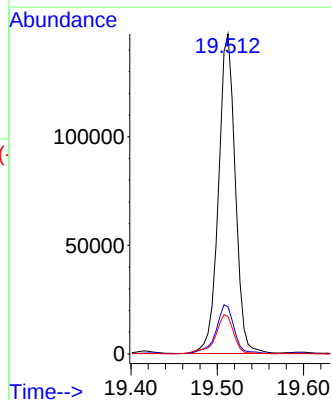
Tgt Ion:202 Resp: 265115
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 8.9 7.4 11.0



#20
Pyrene
Concen: 3.736 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.004 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



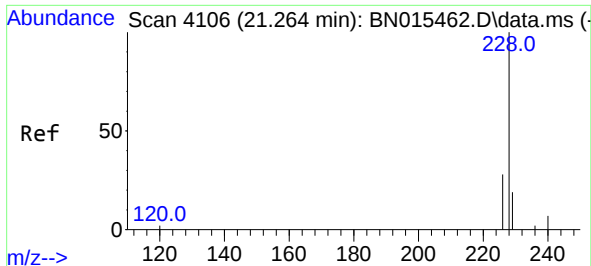
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Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.6 9.6 14.4



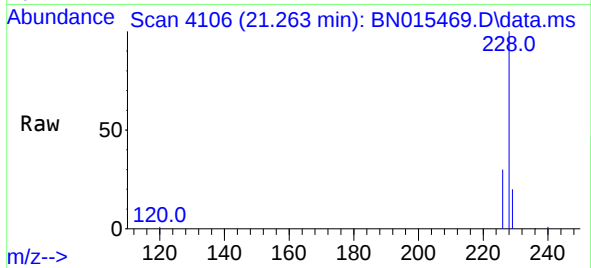
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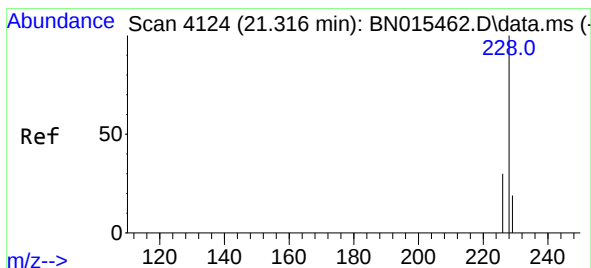
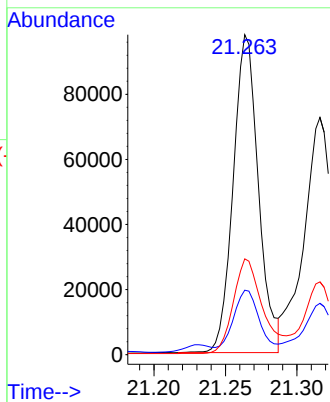
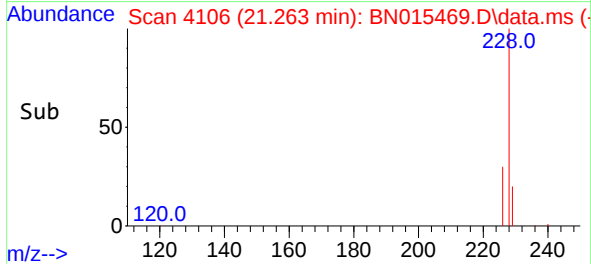
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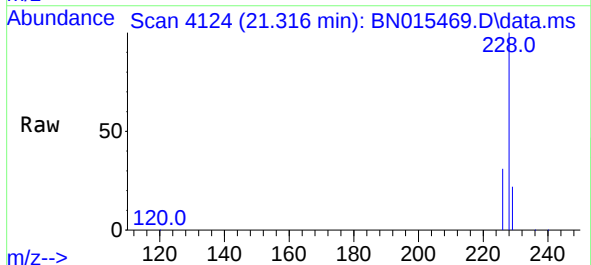
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Benzo(a)anthracene
Concen: 2.822 ng/ul
RT: 21.263 min Scan# 4106
Delta R.T. -0.009 min
Lab File: BN015469.D
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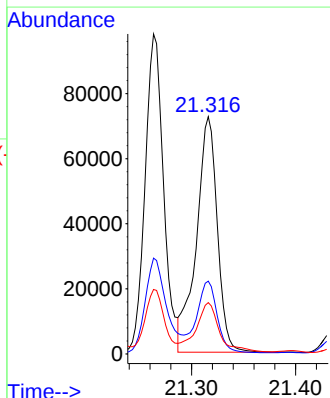
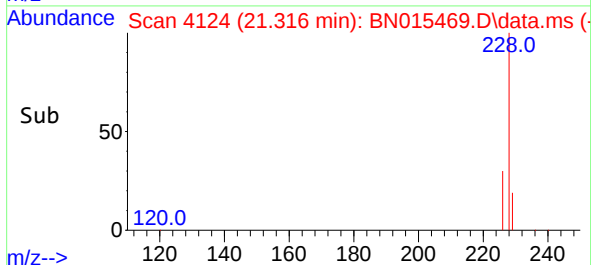
Tgt Ion:228 Resp: 120150
Ion Ratio Lower Upper
228 100
229 20.2 15.8 23.8
226 29.9 21.8 32.8



#22
Chrysene
Concen: 1.982 ng/ul
RT: 21.316 min Scan# 4124
Delta R.T. -0.006 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



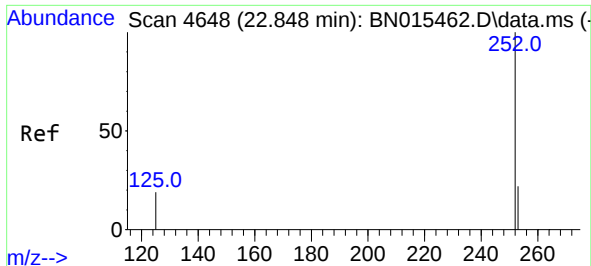
Tgt Ion:228 Resp: 101041
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 21.7 15.7 23.5



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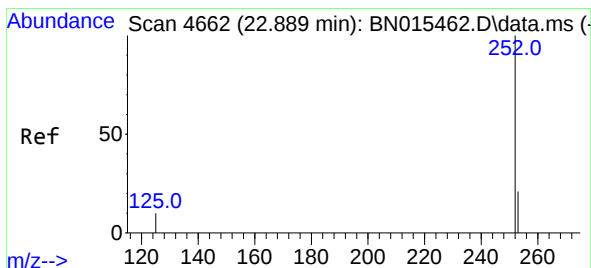
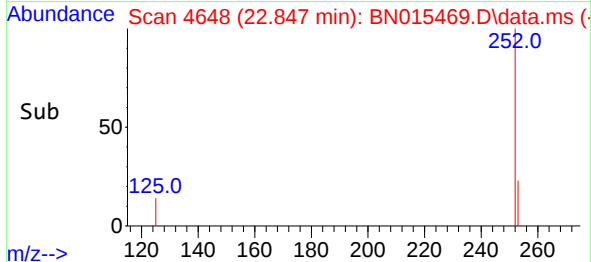
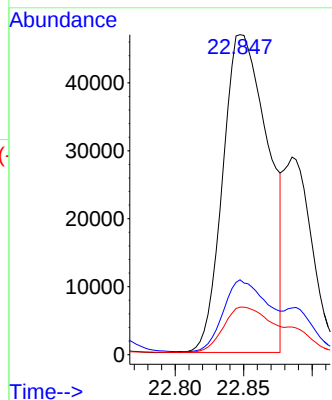
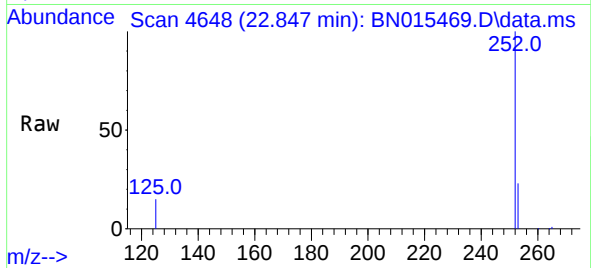
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Benzo(b)fluoranthene
Concen: 2.158 ng/ul m
RT: 22.847 min Scan# 4648
Delta R.T. -0.009 min
Lab File: BN015469.D
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Tgt Ion:252 Resp: 107672
Ion Ratio Lower Upper
252 100
253 23.4 0.0 45.6
125 14.9 0.0 28.4

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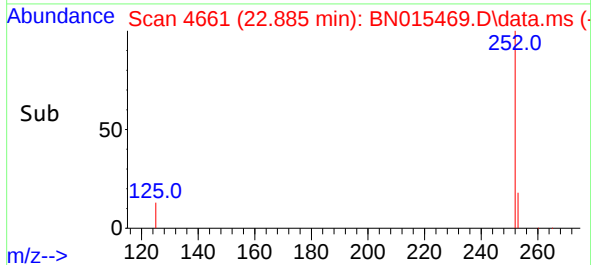
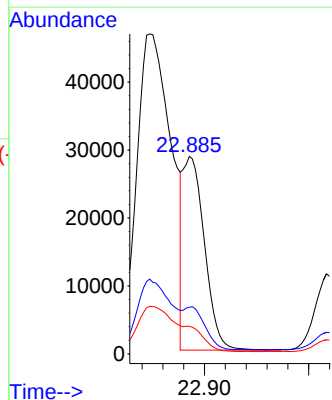
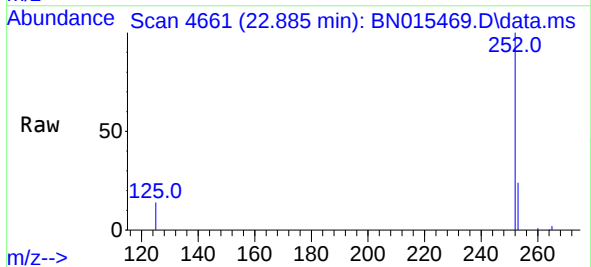
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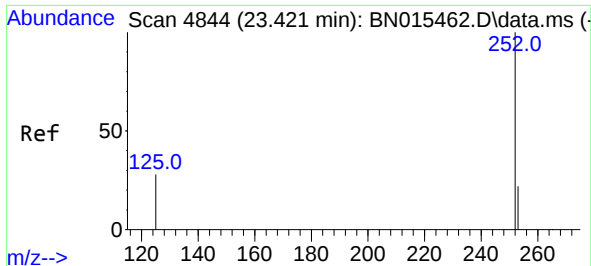
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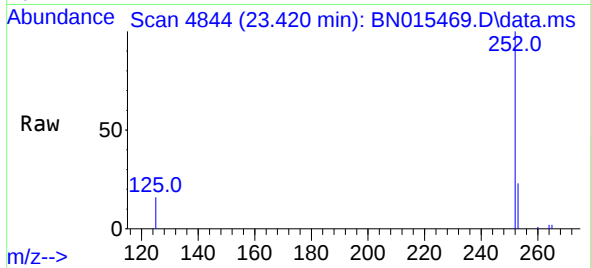
#25
Benzo(k)fluoranthene
Concen: 0.726 ng/ul m
RT: 22.885 min Scan# 4661
Delta R.T. -0.014 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:252 Resp: 40864
Ion Ratio Lower Upper
252 100
253 23.7 18.1 27.1
125 14.0 11.5 17.3

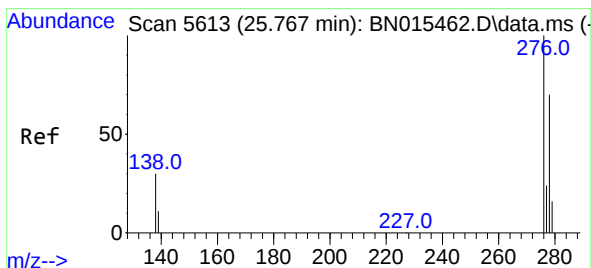
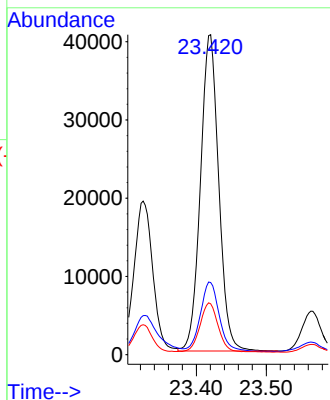
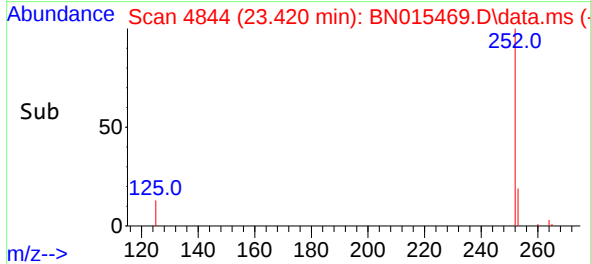




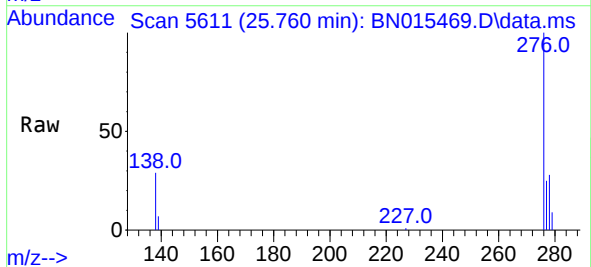
#26
Benzo(a)pyrene
Concen: 1.749 ng/ul
RT: 23.420 min Scan# 4844
Delta R.T. -0.009 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



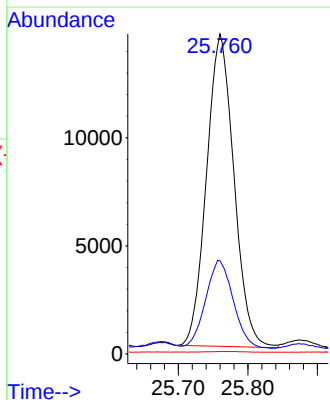
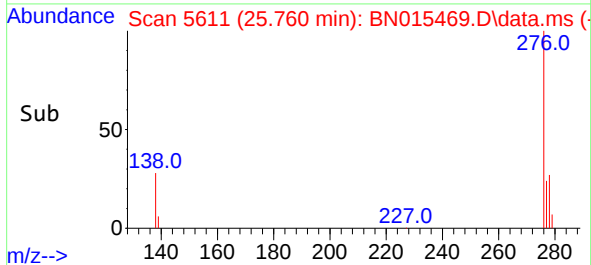
Tgt Ion:252 Resp: 73318
Ion Ratio Lower Upper
252 100
253 22.6 18.9 28.3
125 15.9 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.781 ng/ul
RT: 25.760 min Scan# 5611
Delta R.T. -0.017 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39



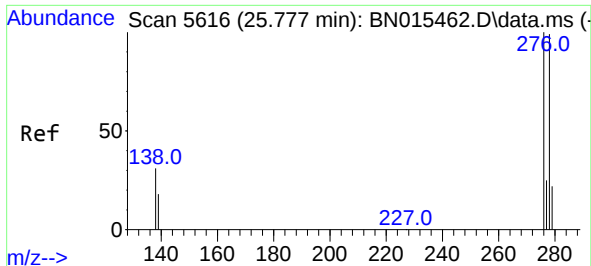
Tgt Ion:276 Resp: 39545
Ion Ratio Lower Upper
276 100
138 28.9 26.3 39.5
227 0.3 0.1 0.1#



Instrument :
BNA_N
ClientSampleId :
BGDQ3DL

Manual Integrations
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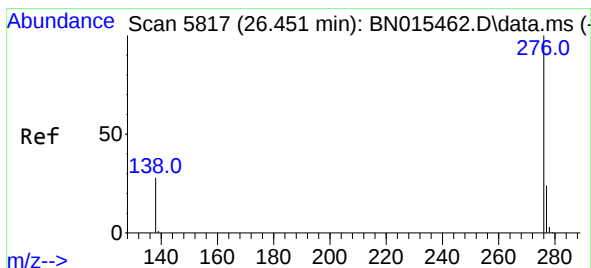
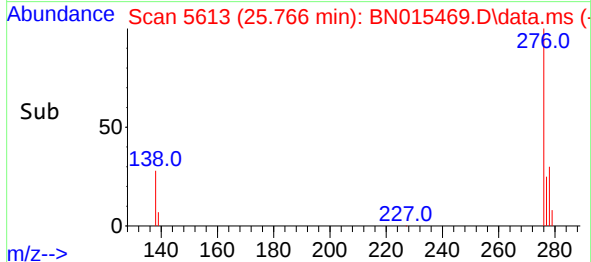
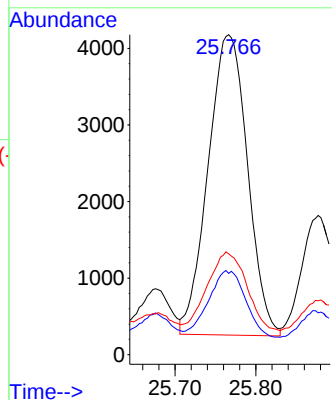
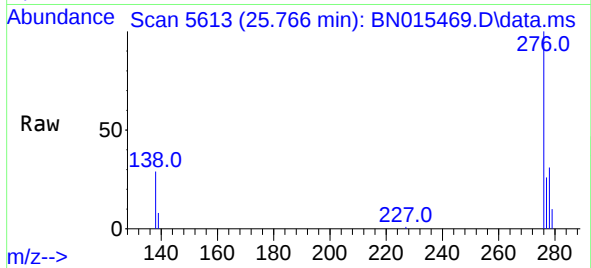
#28
Dibenzo(a,h)anthracene
Concen: 0.336 ng/ul
RT: 25.766 min Scan# 5613
Delta R.T. -0.023 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:278 Resp: 13317
Ion Ratio Lower Upper
278 100
139 25.4 18.9 28.3
279 31.5 20.8 31.2#

Instrument :
BNA_N
ClientSampled :
BGDQ3DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.451 min Scan# 5817
Delta R.T. -0.013 min
Lab File: BN015469.D
Acq: 10 Jul 2021 05:39

Tgt Ion:276 Resp: 4578
Ion Ratio Lower Upper
276 100
138 37.5 23.0 34.4#
277 31.4 19.3 28.9#

