

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015127.D
 Acq On : 26 Jun 2021 21:47
 Operator : CG/JU
 Sample : M2680-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD35

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Quant Time: Jun 27 06:43:21 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	3483	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	11975	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.354	164	6445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	13468	0.400	ng/ul	-0.01
17) Chrysene-d12	21.293	240	13289	0.400	ng/ul	-0.02
23) Perylene-d12	23.538	264	11547	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	12984	3.307	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	3596	0.191	ng/ul	-0.01
18) Fluoranthene-d10	19.132	212	8350	0.191	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	5013	0.131	ng/ul	96
7) 2-Methylnaphthalene	12.162	142	781	0.031	ng/ul	99
10) Acenaphthylene	14.071	152	5364	0.161	ng/ul	97
11) Acenaphthene	14.414	153	714	0.028	ng/ul	93
12) Fluorene	15.404	166	1433	0.051	ng/ul#	93
15) Phenanthrene	17.141	178	27945	0.572	ng/ul	99
16) Anthracene	17.229	178	11730	0.272	ng/ul	98
19) Fluoranthene	19.160	202	94269	1.535	ng/ul	98
20) Pyrene	19.527	202	83322	1.353	ng/ul	99
21) Benzo(a)anthracene	21.279	228	55242	1.122	ng/ul	94
22) Chrysene	21.328	228	46842	0.795	ng/ul	98
24) Benzo(b)fluoranthene	22.865	252	56542m	1.048	ng/ul	
25) Benzo(k)fluoranthene	22.906	252	22076m	0.363	ng/ul	
26) Benzo(a)pyrene	23.441	252	42933	0.948	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.790	276	25021	0.457	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.800	278	6378	0.149	ng/ul#	82
29) Benzo(g,h,i)perylene	26.478	276	20273	0.400	ng/ul	98

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

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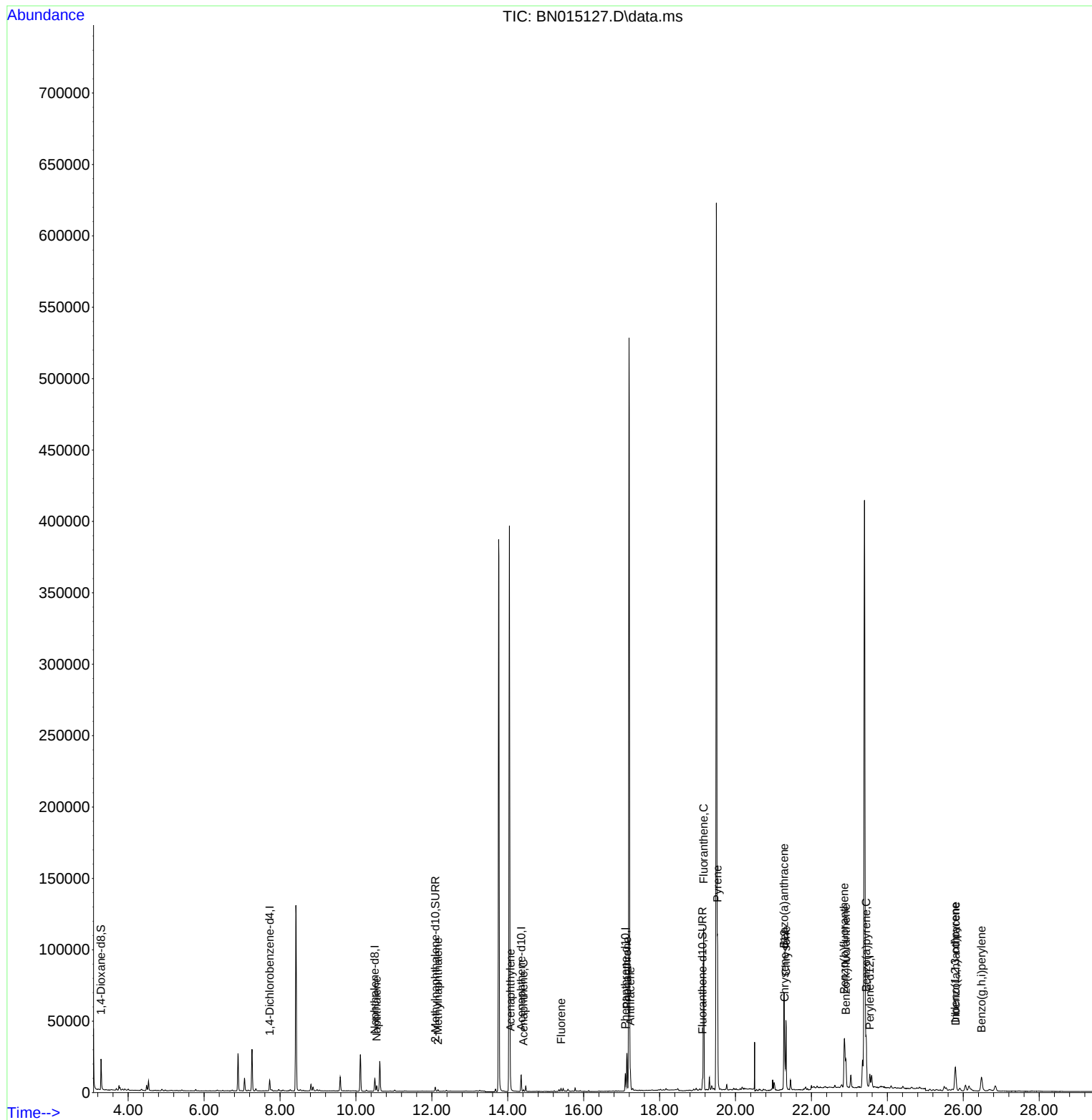
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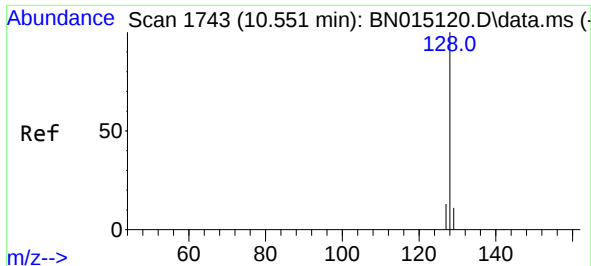
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#5
Naphthalene
Concen: 0.131 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015127.D
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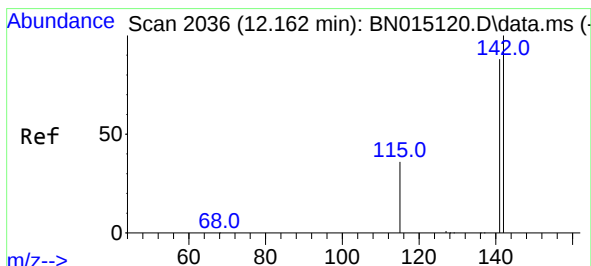
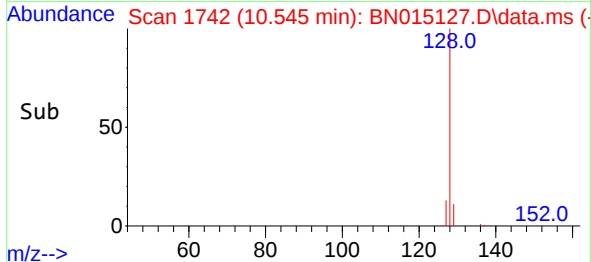
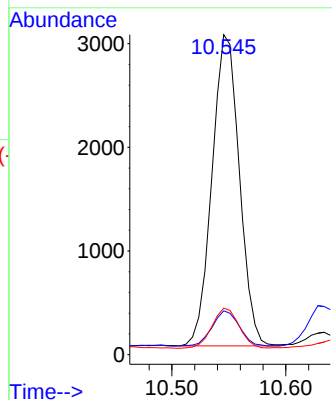
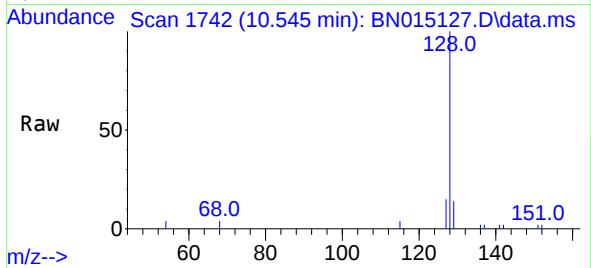
Tgt Ion:	128	Resp:	5013
Ion Ratio	Lower	Upper	
128	100		
129	13.7	9.3	13.9
127	14.5	10.8	16.2

Instrument :
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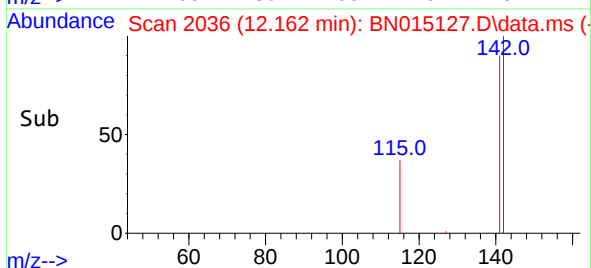
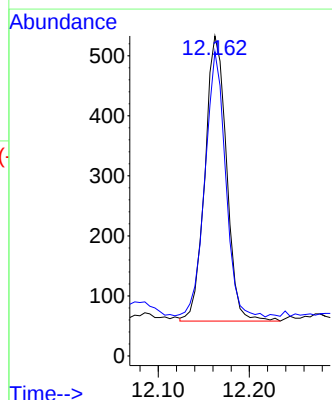
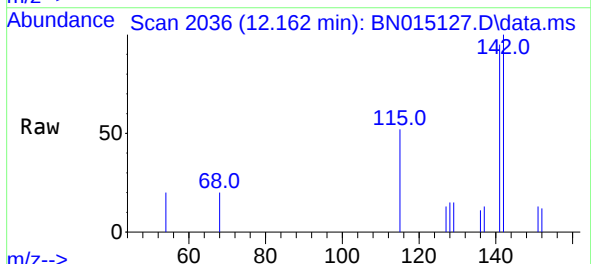
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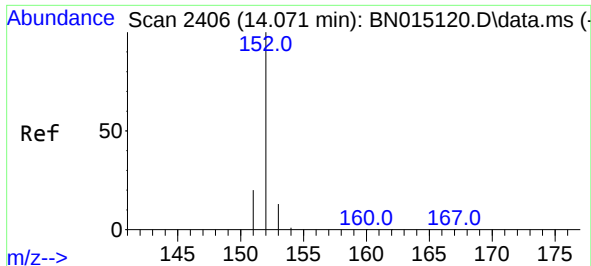
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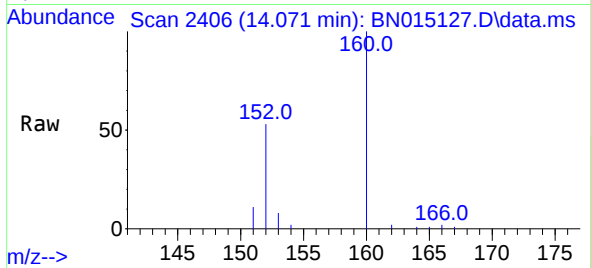
#7
2-Methylnaphthalene
Concen: 0.031 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015127.D
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Tgt Ion:	142	Resp:	781
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.3	105.5

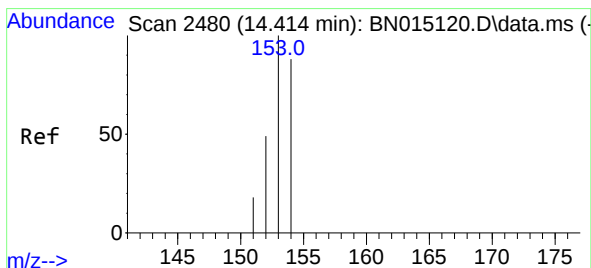
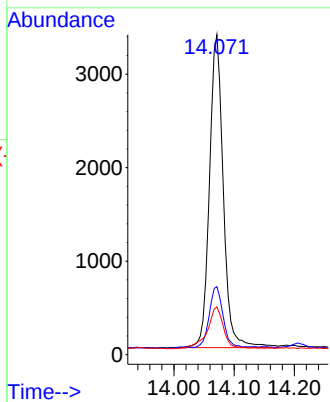
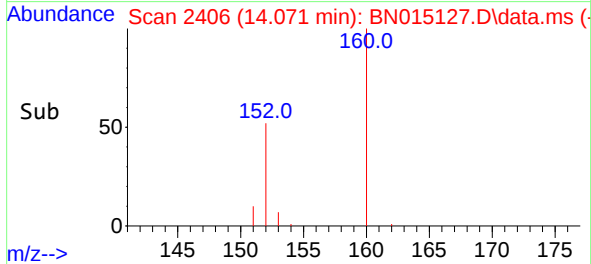




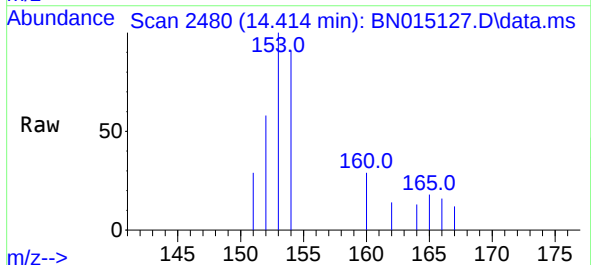
#10
Acenaphthylene
Concen: 0.161 ng/ul
RT: 14.071 min Scan# 2406
Delta R.T. -0.011 min
Lab File: BN015127.D
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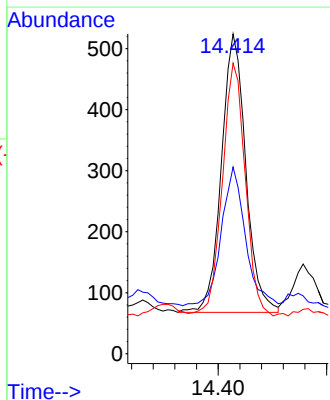
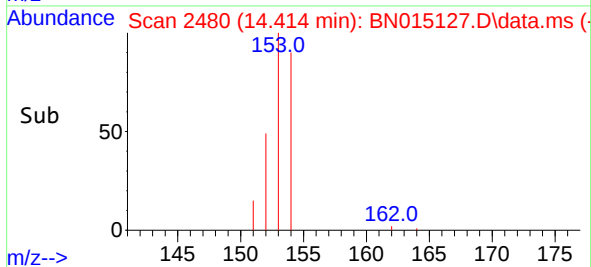
Tgt Ion:152 Resp: 5364
Ion Ratio Lower Upper
152 100
151 21.2 16.0 24.0
153 14.9 10.9 16.3



#11
Acenaphthene
Concen: 0.028 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.011 min
Lab File: BN015127.D
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Tgt Ion:153 Resp: 714
Ion Ratio Lower Upper
153 100
152 58.4 39.8 59.6
154 90.8 69.8 104.8

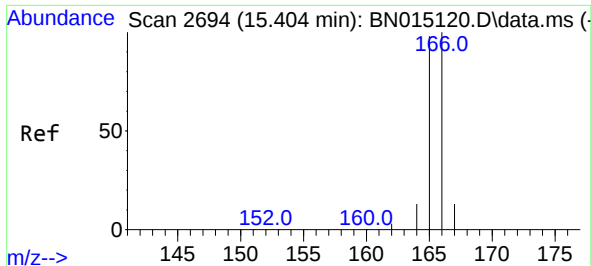


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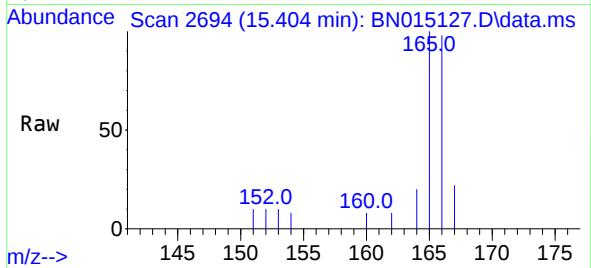
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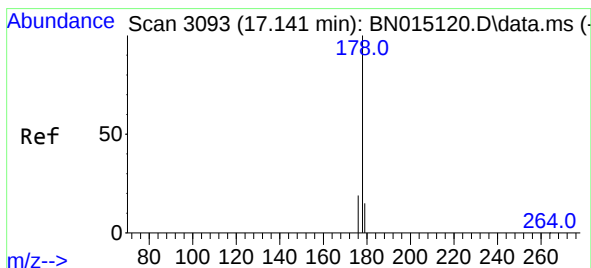
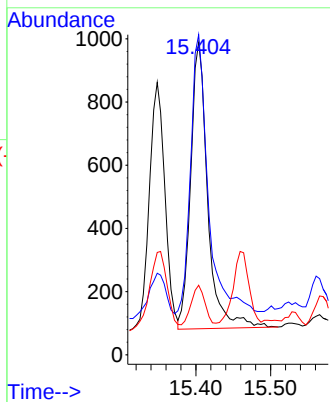
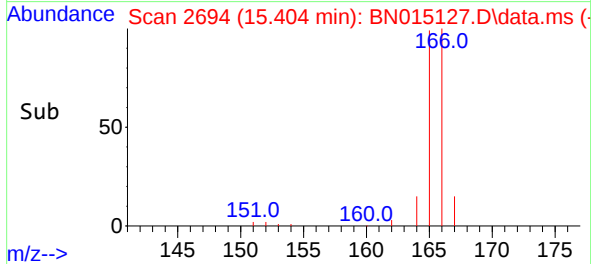
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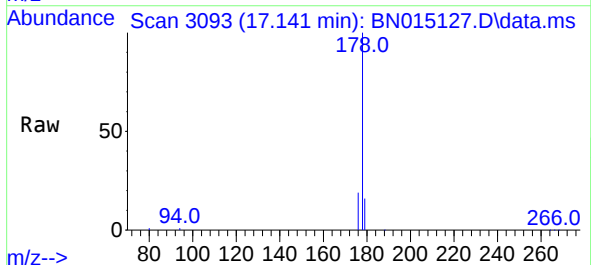
#12
Fluorene
Concen: 0.051 ng/u1
RT: 15.404 min Scan# 2694
Delta R.T. -0.011 min
Lab File: BN015127.D
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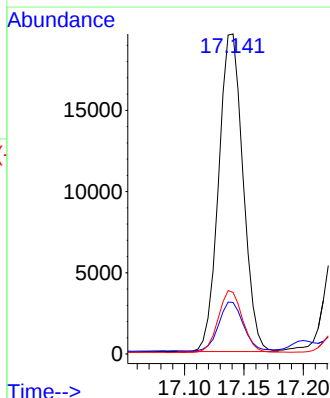
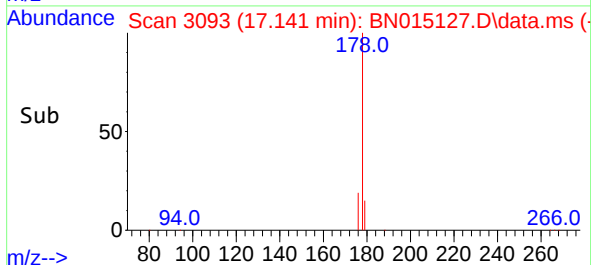
Tgt Ion:166 Resp: 1433
Ion Ratio Lower Upper
166 100
165 102.5 77.8 116.8
167 22.3 11.2 16.8#



#15
Phenanthrene
Concen: 0.572 ng/u1
RT: 17.141 min Scan# 3093
Delta R.T. -0.010 min
Lab File: BN015127.D
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Tgt Ion:178 Resp: 27945
Ion Ratio Lower Upper
178 100
179 16.1 12.3 18.5
176 19.2 15.5 23.3

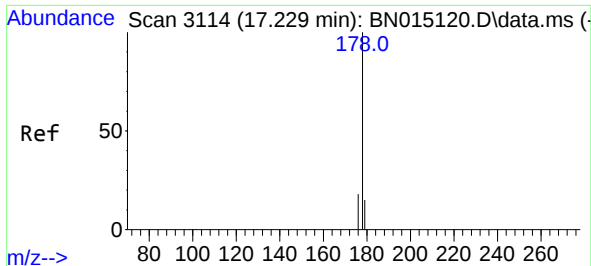


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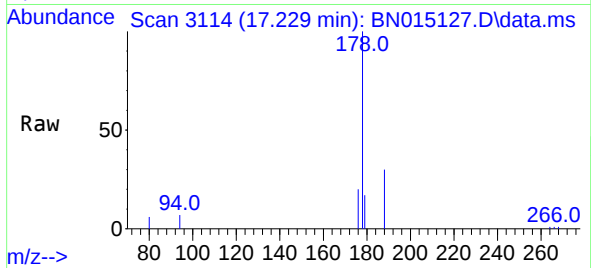
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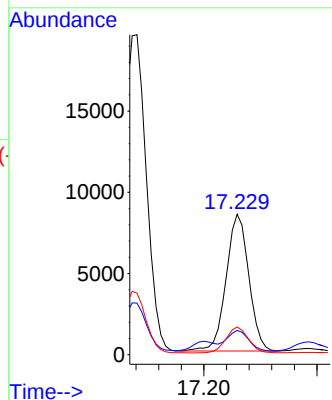


#16
 Anthracene
 Concen: 0.272 ng/ul
 RT: 17.229 min Scan# 3114
 Delta R.T. -0.014 min
 Lab File: BN015127.D
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Tgt Ion:178 Resp: 11730

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.8	19.2
176	19.7	15.2	22.8

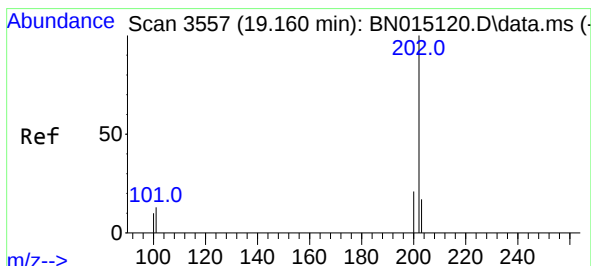
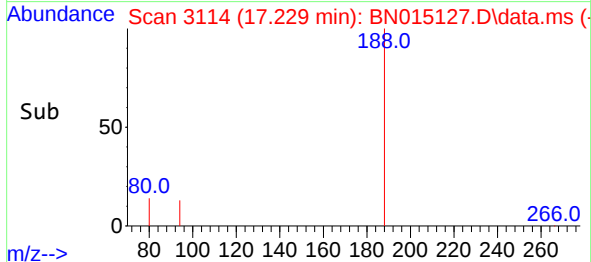


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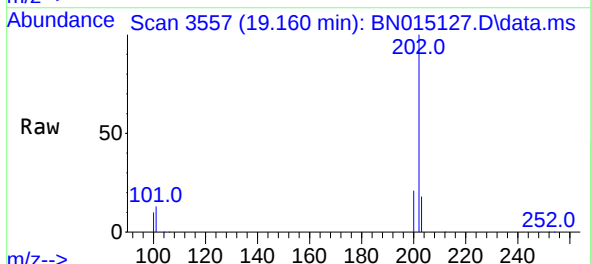
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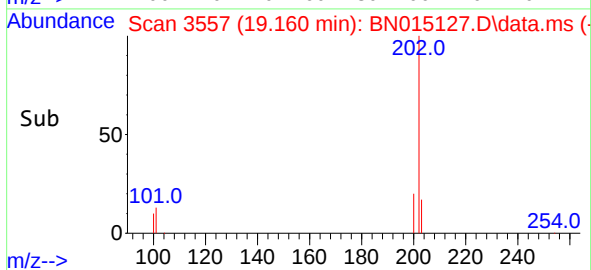
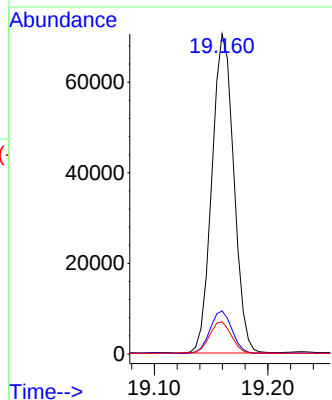


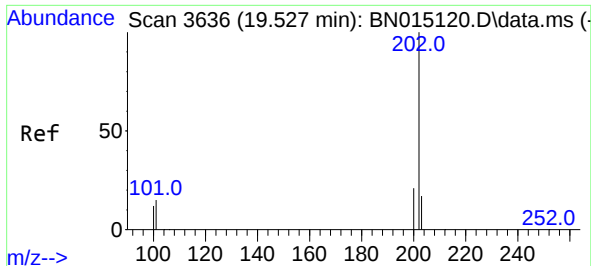
#19
 Fluoranthene
 Concen: 1.535 ng/ul
 RT: 19.160 min Scan# 3557
 Delta R.T. -0.016 min
 Lab File: BN015127.D
 Acq: 26 Jun 2021 21:47



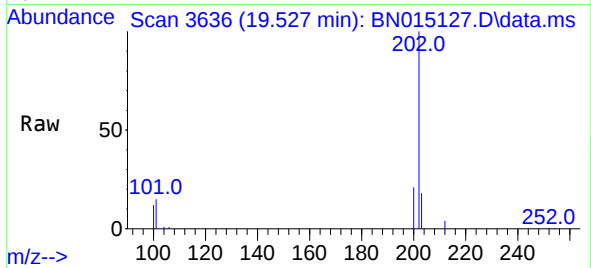
Tgt Ion:202 Resp: 94269

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.1	15.1
100	10.1	7.4	11.0

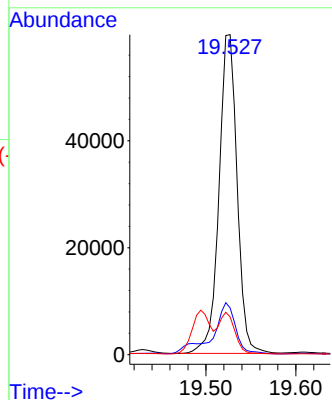




#20
Pyrene
Concen: 1.353 ng/u1
RT: 19.527 min Scan# 3636
Delta R.T. -0.011 min
Lab File: BN015127.D
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Tgt Ion:202 Resp: 83322
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.8 9.6 14.4

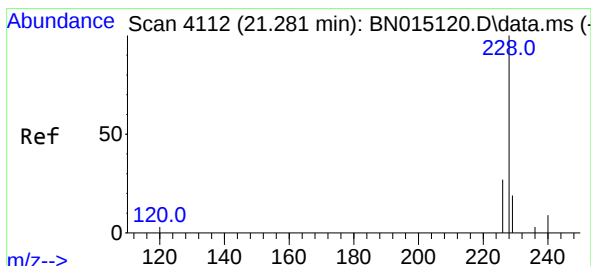
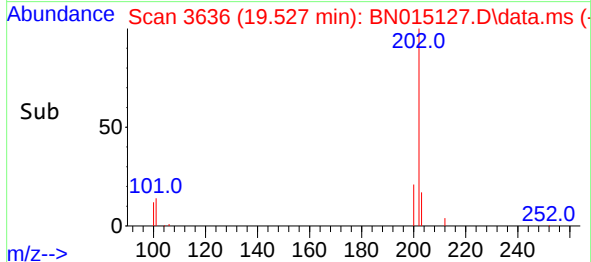


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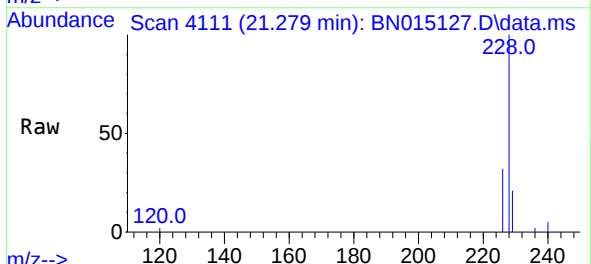
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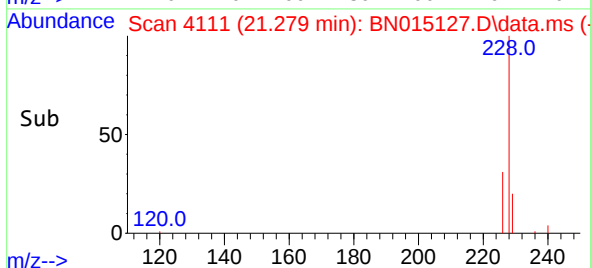
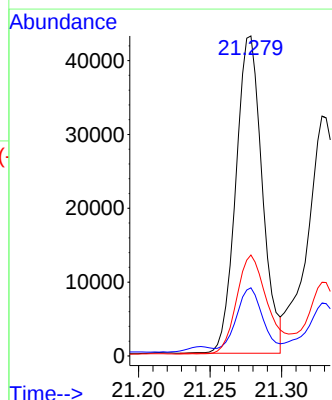
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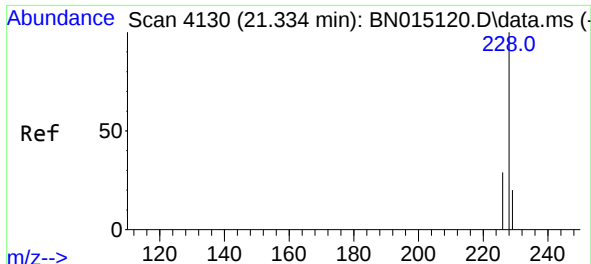


#21
Benzo(a)anthracene
Concen: 1.122 ng/u1
RT: 21.279 min Scan# 4111
Delta R.T. -0.018 min
Lab File: BN015127.D
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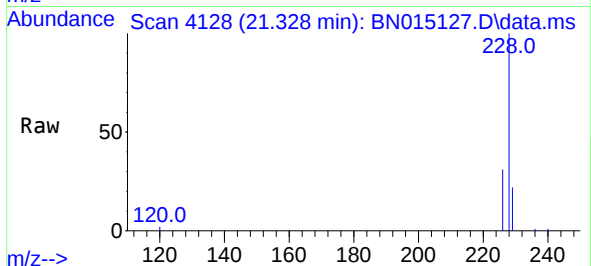


Tgt Ion:228 Resp: 55242
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.8
226 31.5 21.8 32.8

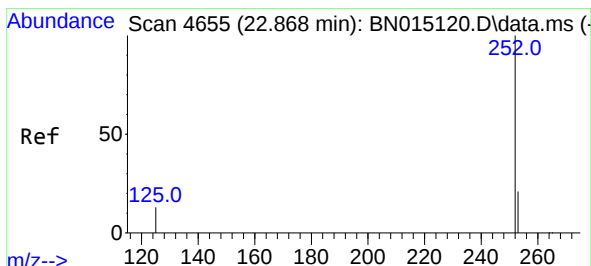
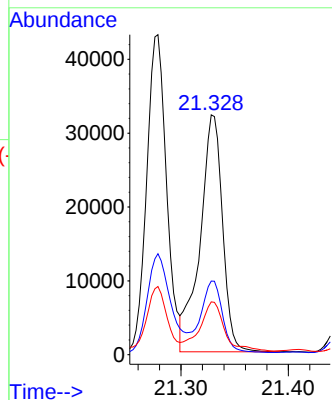
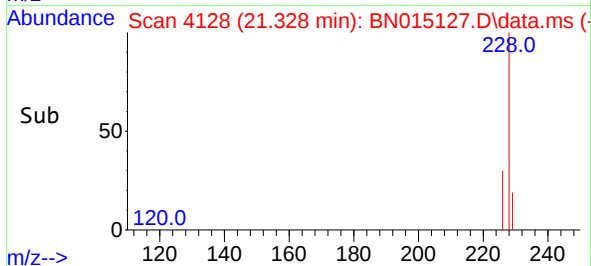




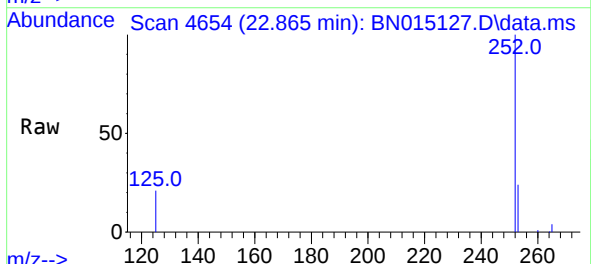
#22
Chrysene
Concen: 0.795 ng/ul
RT: 21.328 min Scan# 4128
Delta R.T. -0.020 min
Lab File: BN015127.D
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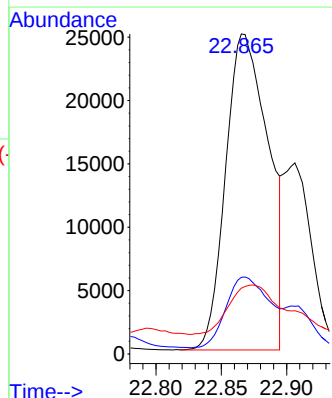
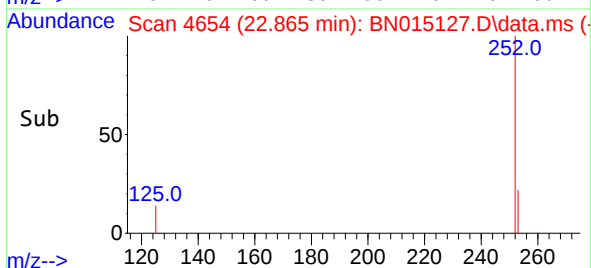
Tgt Ion:228 Resp: 46842
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.0 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 1.048 ng/ul m
RT: 22.865 min Scan# 4654
Delta R.T. -0.029 min
Lab File: BN015127.D
Acq: 26 Jun 2021 21:47



Tgt Ion:252 Resp: 56542
Ion Ratio Lower Upper
252 100
253 23.9 0.0 45.6
125 20.6 0.0 28.4

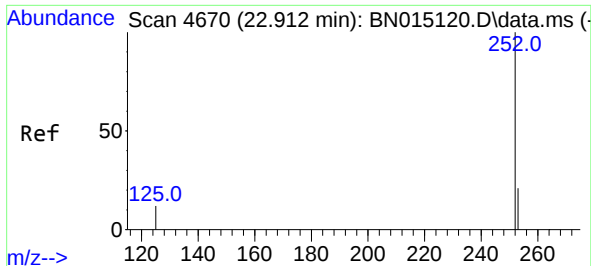


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#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul m
RT: 22.906 min Scan# 4668
Delta R.T. -0.032 min
Lab File: BN015127.D
Acq: 26 Jun 2021 21:47

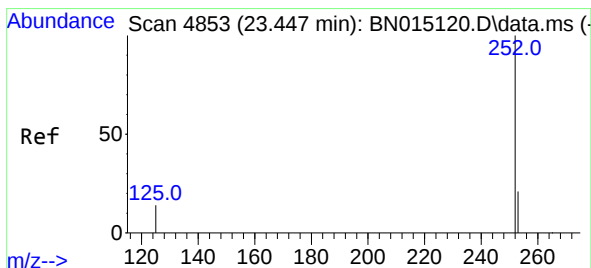
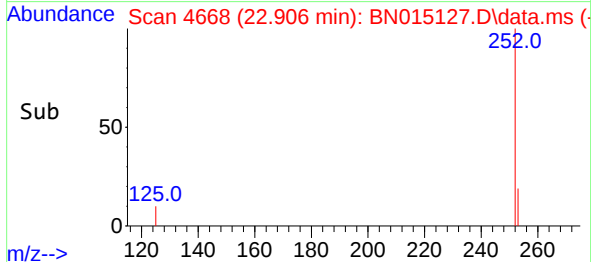
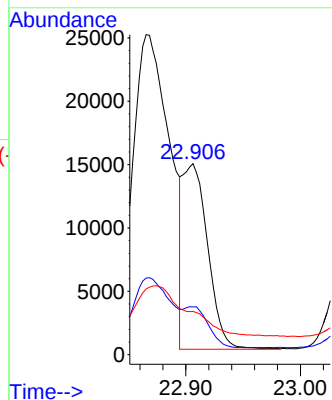
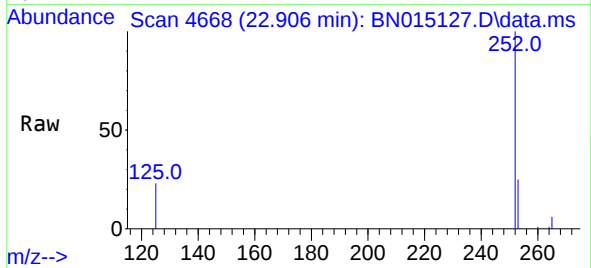
Tgt Ion:252 Resp: 22076
Ion Ratio Lower Upper
252 100
253 25.0 18.1 27.1
125 22.6 11.5 17.3#

Instrument :
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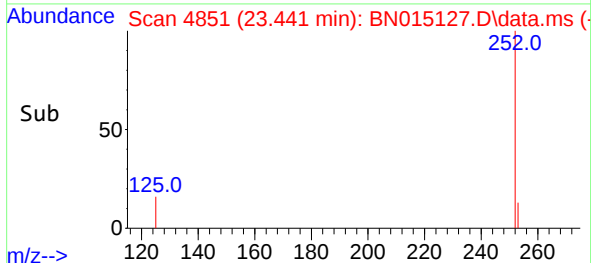
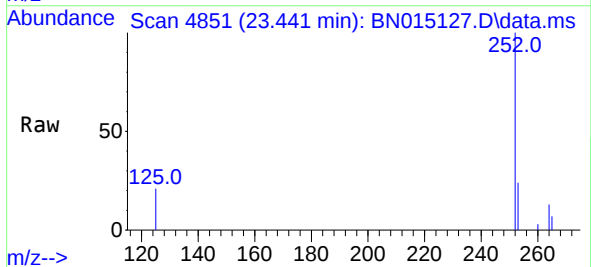
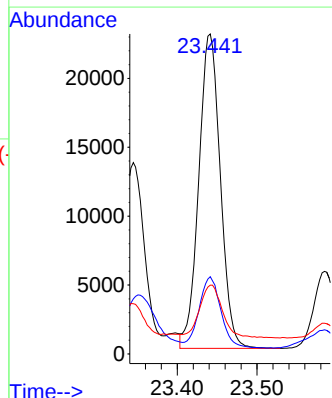
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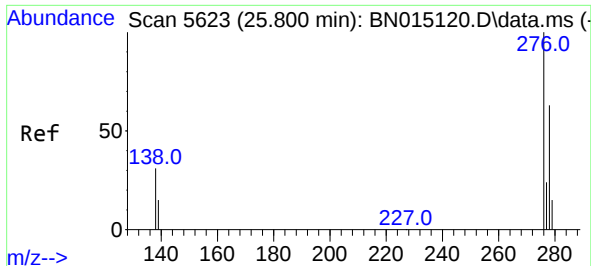
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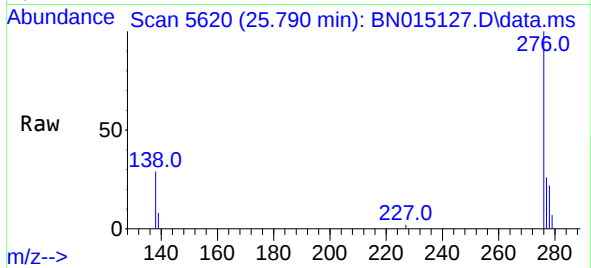
#26
Benzo(a)pyrene
Concen: 0.948 ng/ul
RT: 23.441 min Scan# 4851
Delta R.T. -0.029 min
Lab File: BN015127.D
Acq: 26 Jun 2021 21:47

Tgt Ion:252 Resp: 42933
Ion Ratio Lower Upper
252 100
253 24.1 18.9 28.3
125 21.5 13.5 20.3#

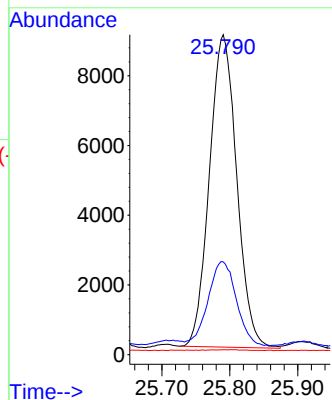




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 25.790 min Scan# 5620
Delta R.T. -0.050 min
Lab File: BN015127.D
Acq: 26 Jun 2021 21:47



Tgt Ion: 276 Resp: 25021
Ion Ratio Lower Upper
276 100
138 28.3 26.3 39.5
227 0.1 0.1 0.1#

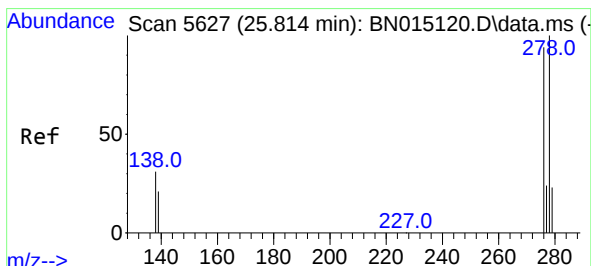
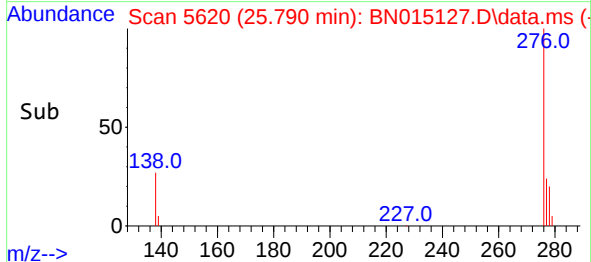


Instrument :
BNA_N
ClientSampled :
BGD35

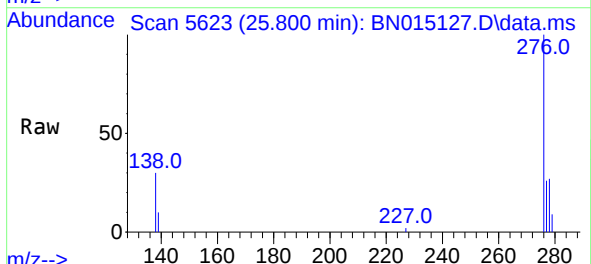
Manual Integrations
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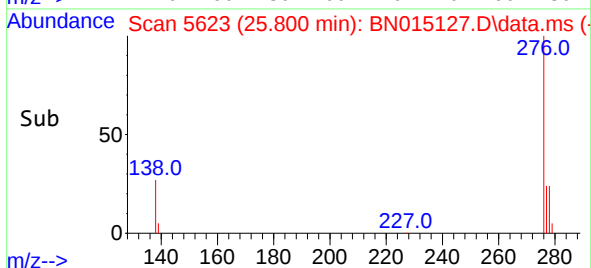
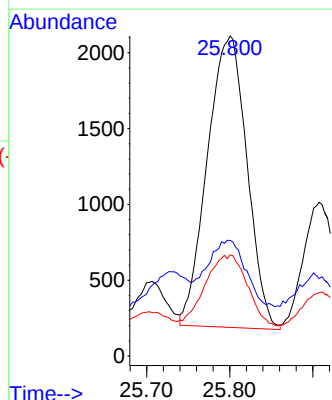
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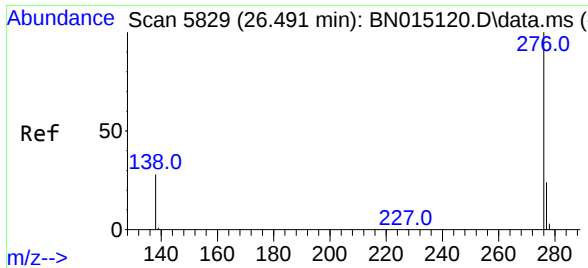


#28
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.800 min Scan# 5623
Delta R.T. -0.060 min
Lab File: BN015127.D
Acq: 26 Jun 2021 21:47



Tgt Ion: 278 Resp: 6378
Ion Ratio Lower Upper
278 100
139 36.1 18.9 28.3#
279 31.5 20.8 31.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.400 ng/ul
 RT: 26.478 min Scan# 5825
 Delta R.T. -0.047 min
 Lab File: BN015127.D
 Acq: 26 Jun 2021 21:47

Tgt Ion:	276	Resp:	20273
Ion Ratio	Lower	Upper	
276	100		
138	30.6	23.0	34.4
277	24.6	19.3	28.9

Instrument :
 BNA_N
 ClientSampled :
 BGD35

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