

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
 Data File : BN015150.D
 Acq On : 27 Jun 2021 13:17
 Operator : CG/JU
 Sample : M2704-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDC8

Manual Integrations
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Quant Time: Jun 28 01:27:58 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	3319	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.496	136	11948	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.350	164	8393	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.099	188	14426	0.400	ng/ul	-0.01
17) Chrysene-d12	21.304	240	11200	0.400	ng/ul	# 0.00
23) Perylene-d12	23.548	264	14386	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	13894	3.714	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.091	152	4540	0.242	ng/ul	-0.01
18) Fluoranthene-d10	19.133	212	11761	0.320	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.545	128	201709	5.292	ng/ul	99
7) 2-Methylnaphthalene	12.162	142	32898	1.319	ng/ul	99
8) 1-Methylnaphthalene	12.382	142	54500	2.259	ng/ul	99
10) Acenaphthylene	14.067	152	164430	3.789	ng/ul	98
11) Acenaphthene	14.414	153	629895	18.942	ng/ul	97
12) Fluorene	15.404	166	606242	16.499	ng/ul	100
15) Phenanthrene	17.142	178	3934026	75.137	ng/ul	99
16) Anthracene	17.230	178	1623454	35.168	ng/ul	99
19) Fluoranthene	19.165	202	4050458	78.264	ng/ul	97
20) Pyrene	19.532	202	3511869	67.659	ng/ul	99
21) Benzo(a)anthracene	21.286	228	1966898m	47.408	ng/ul	
22) Chrysene	21.339	228	1704002	34.308	ng/ul	99
24) Benzo(b)fluoranthene	22.879	252	2005180m	29.836	ng/ul	
25) Benzo(k)fluoranthene	22.917	252	736876m	9.714	ng/ul	
26) Benzo(a)pyrene	23.455	252	1737208	30.775	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.809	276	980898	14.388	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.816	278	258098	4.828	ng/ul	98
29) Benzo(g,h,i)perylene	26.500	276	830495	13.147	ng/ul	98

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

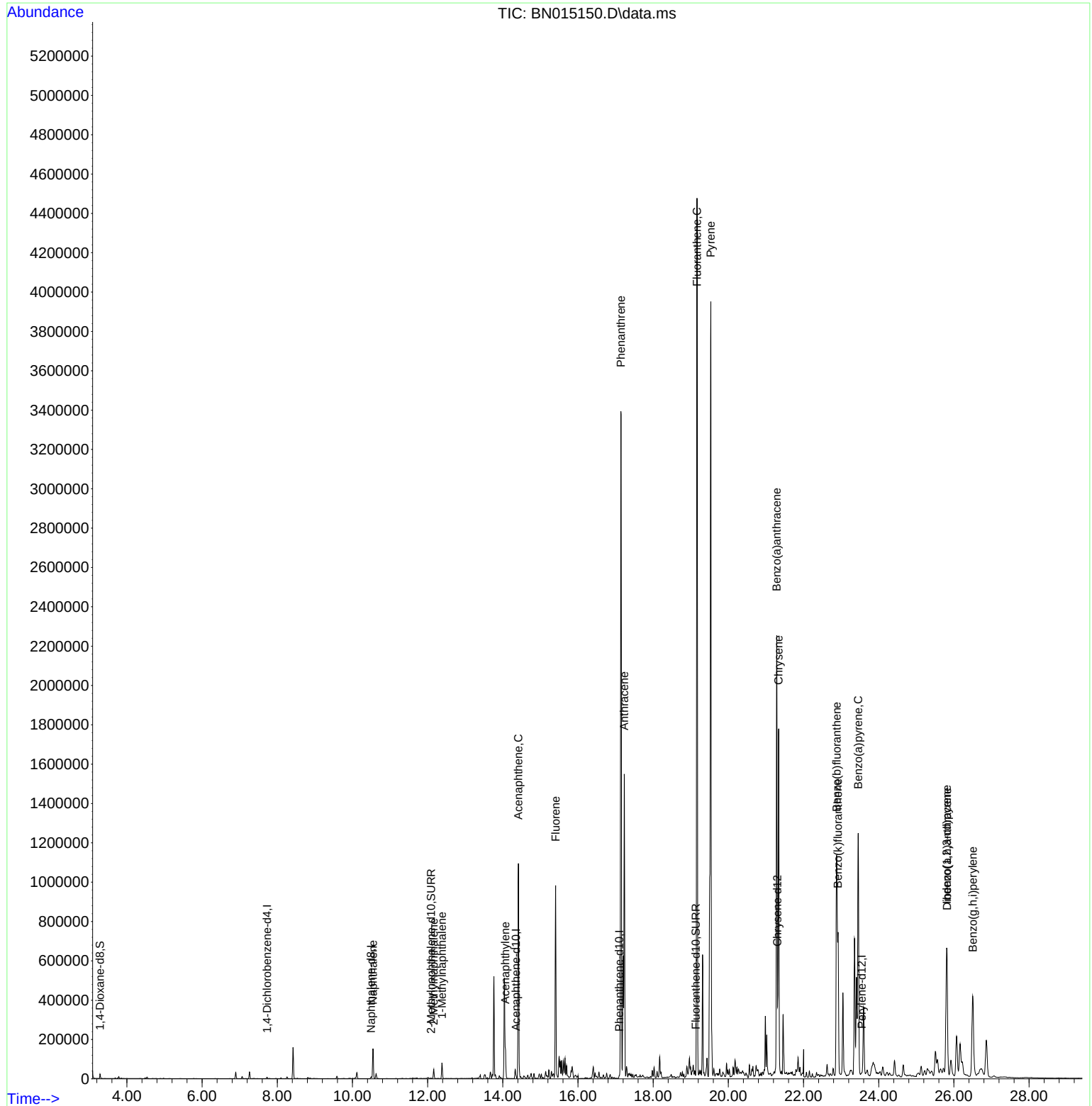
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062721\
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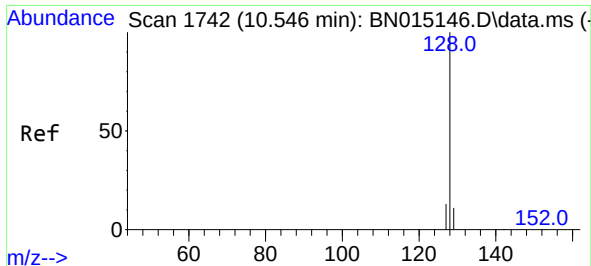
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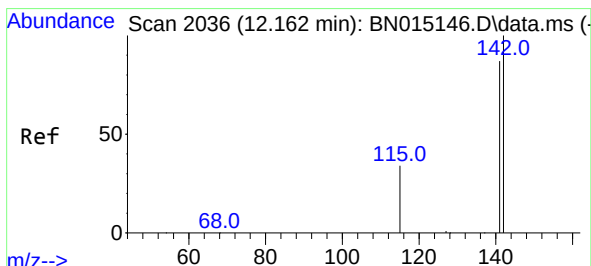
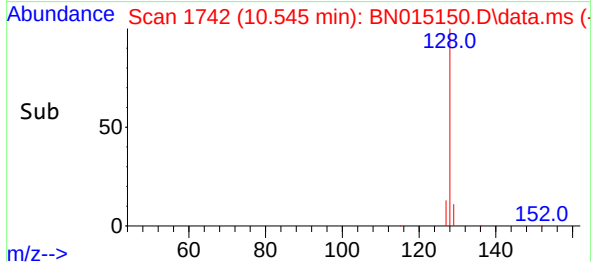
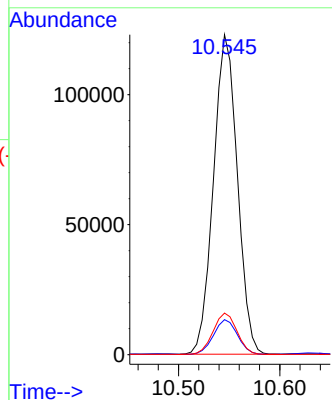
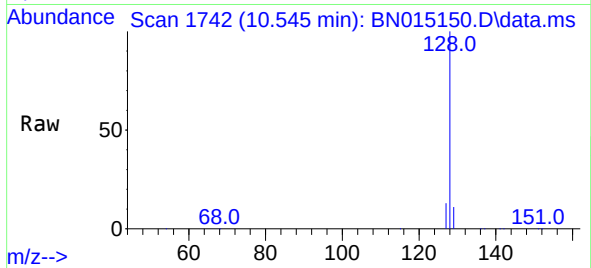
#5
Naphthalene
Concen: 5.292 ng/ul
RT: 10.545 min Scan# 1742
Delta R.T. -0.013 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

Tgt Ion:128 Resp: 201709
Ion Ratio Lower Upper
128 100
129 10.9 9.3 13.9
127 13.0 10.8 16.2

Instrument :
BNA_N
ClientSampleId :
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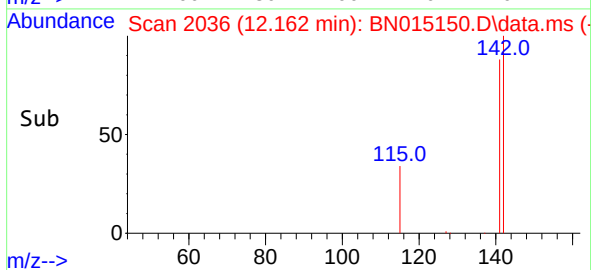
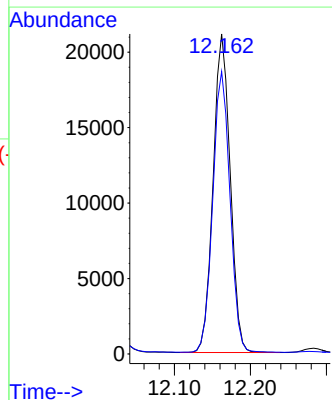
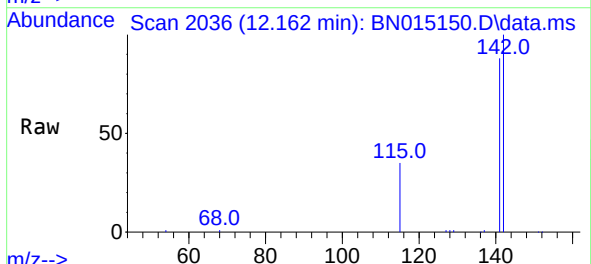
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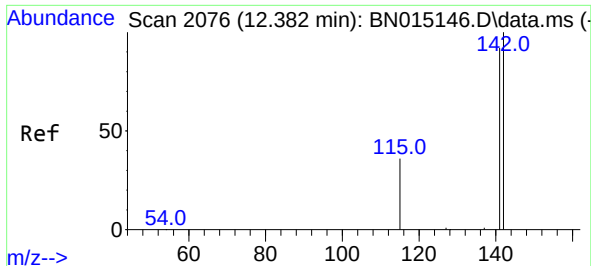
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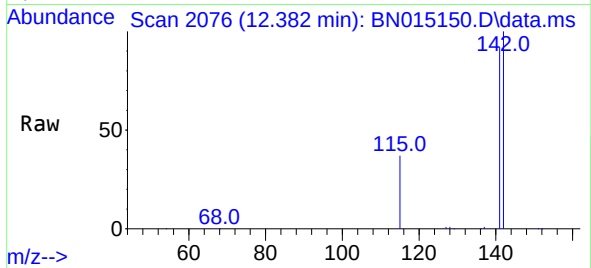
#7
2-Methylnaphthalene
Concen: 1.319 ng/ul
RT: 12.162 min Scan# 2036
Delta R.T. -0.013 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

Tgt Ion:142 Resp: 32898
Ion Ratio Lower Upper
142 100
141 89.0 70.3 105.5

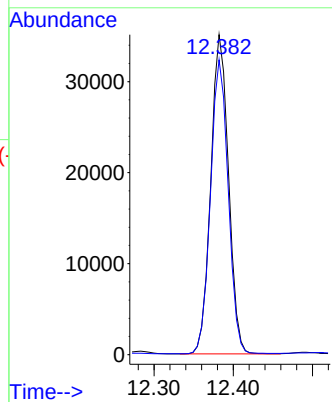
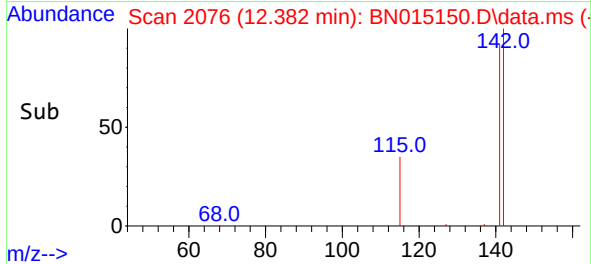




#8
1-Methylnaphthalene
Concen: 2.259 ng/ul
RT: 12.382 min Scan# 2076
Delta R.T. -0.013 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



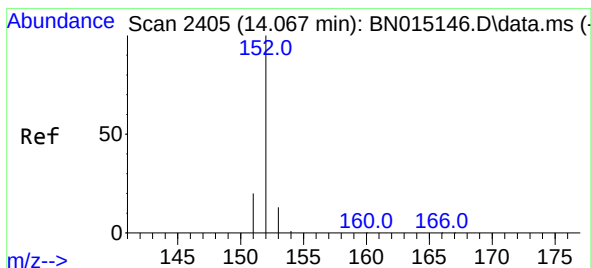
Tgt Ion:142 Resp: 54500
Ion Ratio Lower Upper
142 100
141 92.0 74.2 111.4



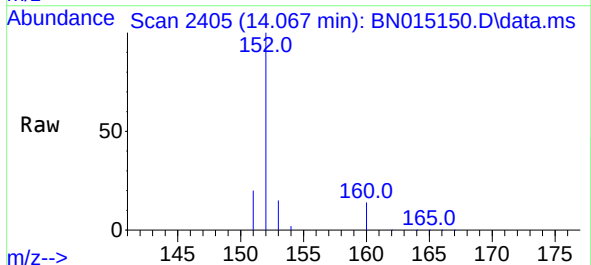
Instrument :
BNA_N
ClientSampled :
BGDC8

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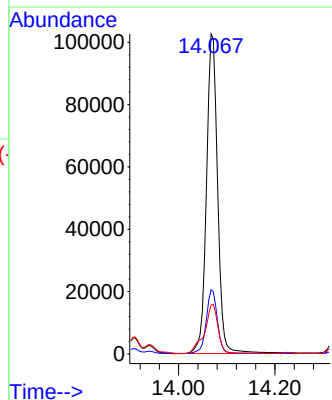
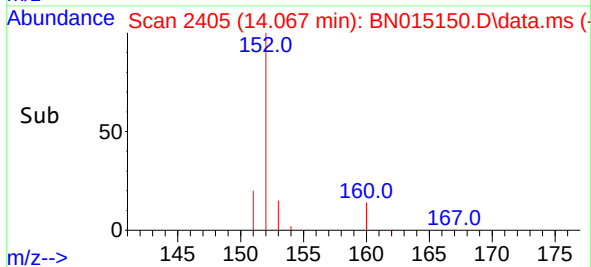
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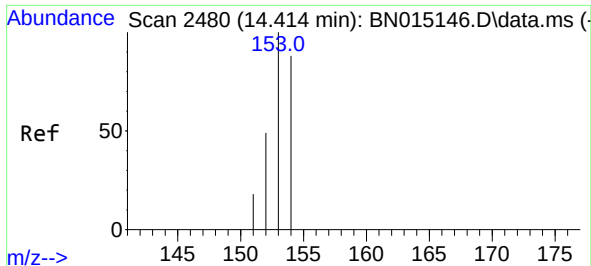


#10
Acenaphthylene
Concen: 3.789 ng/ul
RT: 14.067 min Scan# 2405
Delta R.T. -0.015 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



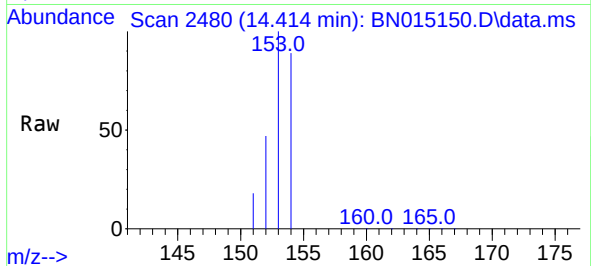
Tgt Ion:152 Resp: 164430
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 15.3 10.9 16.3



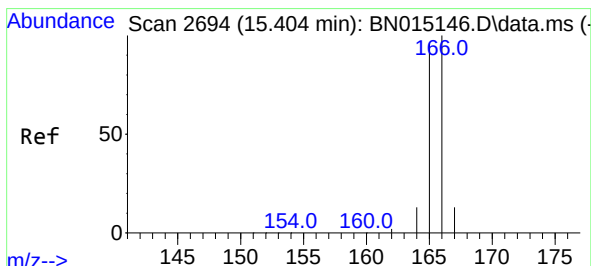
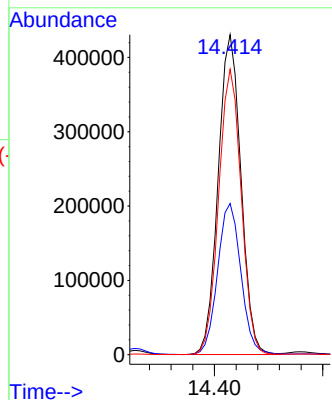
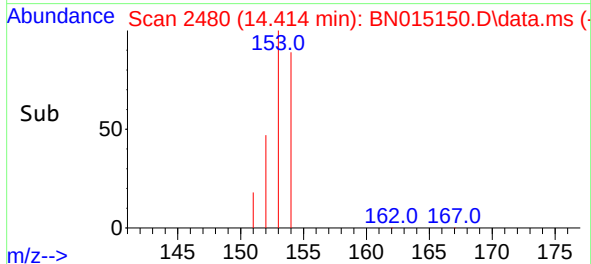


#11
Acenaphthene
Concen: 18.942 ng/ul
RT: 14.414 min Scan# 2480
Delta R.T. -0.010 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

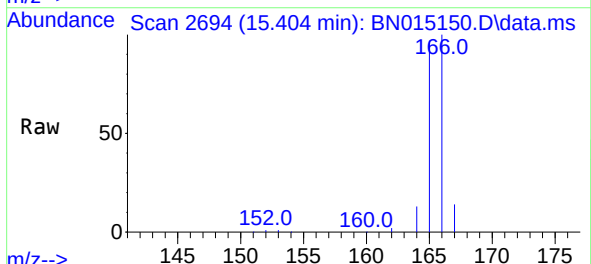
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BNA_N
ClientSampled :
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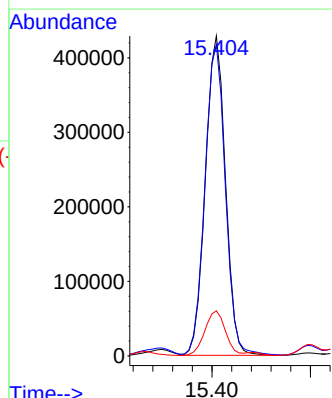
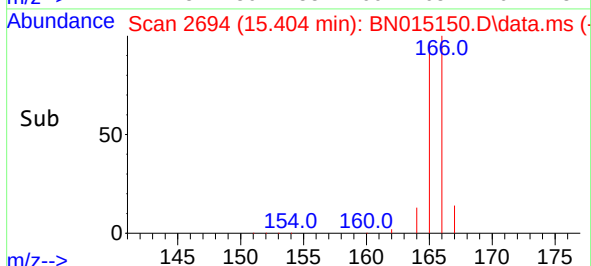
Tgt Ion:153 Resp: 629895
Ion Ratio Lower Upper
153 100
152 47.2 39.8 59.6
154 89.2 69.8 104.8

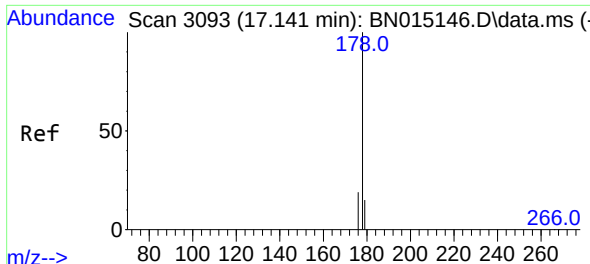


#12
Fluorene
Concen: 16.499 ng/ul
RT: 15.404 min Scan# 2694
Delta R.T. -0.010 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



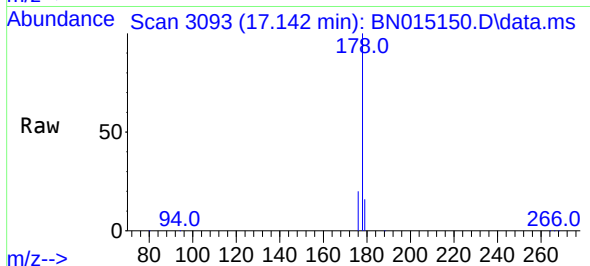
Tgt Ion:166 Resp: 606242
Ion Ratio Lower Upper
166 100
165 97.4 77.8 116.8
167 14.1 11.2 16.8





#15
Phenanthrene
Concen: 75.137 ng/ul
RT: 17.142 min Scan# 3093
Delta R.T. -0.009 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

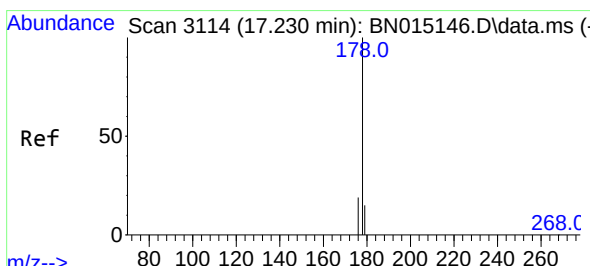
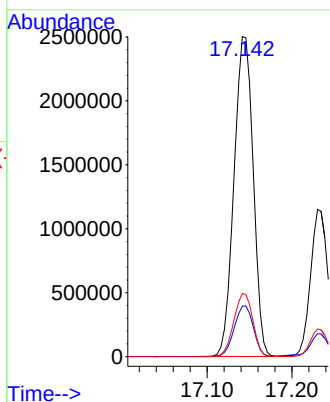
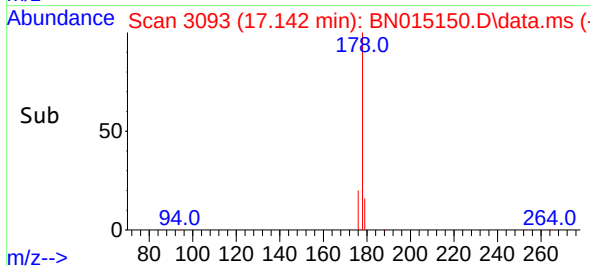
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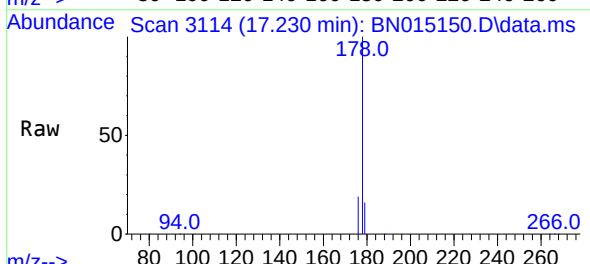
Tgt Ion:178 Resp: 3934026
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 19.8 15.5 23.3

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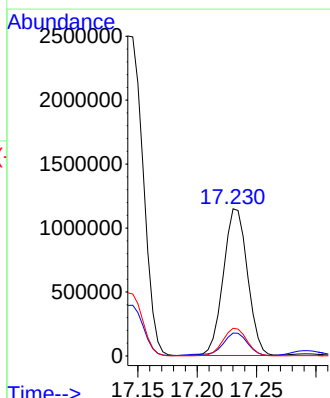
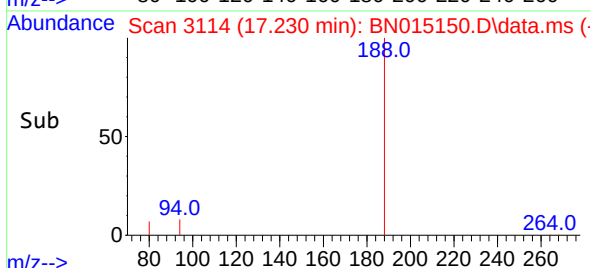
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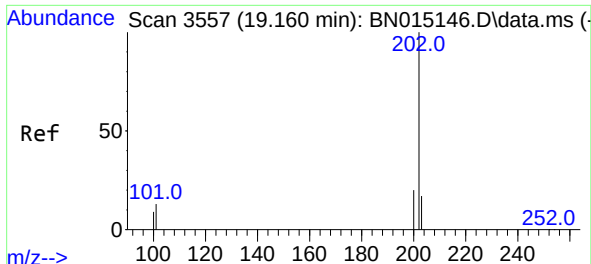


#16
Anthracene
Concen: 35.168 ng/ul
RT: 17.230 min Scan# 3114
Delta R.T. -0.014 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



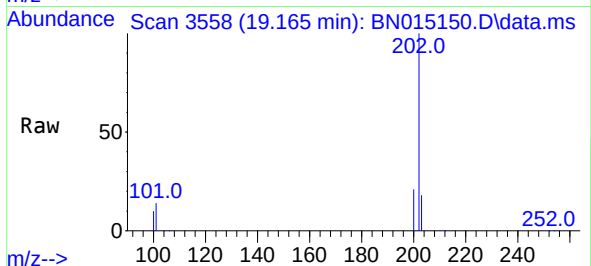
Tgt Ion:178 Resp: 1623454
Ion Ratio Lower Upper
178 100
179 15.5 12.8 19.2
176 18.8 15.2 22.8





#19
Fluoranthene
Concen: 78.264 ng/u1
RT: 19.165 min Scan# 3558
Delta R.T. -0.010 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

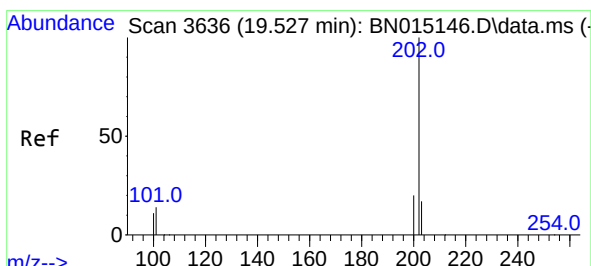
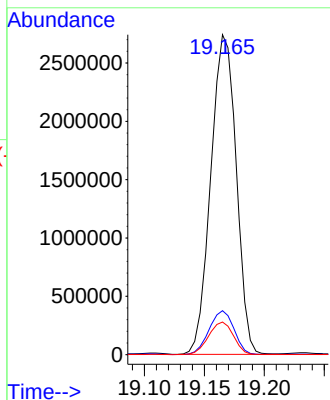
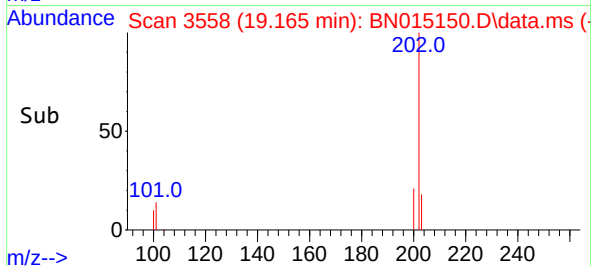
Instrument :
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ClientSampleId :
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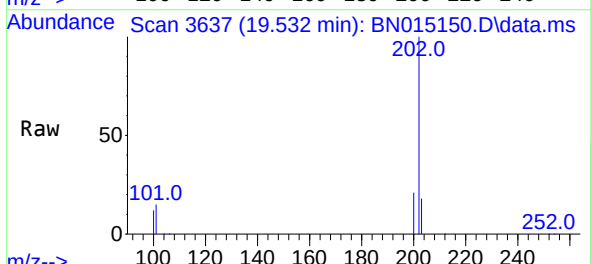
Tgt Ion:202 Resp: 4050458
Ion Ratio Lower Upper
202 100
101 13.7 10.1 15.1
100 10.2 7.4 11.0

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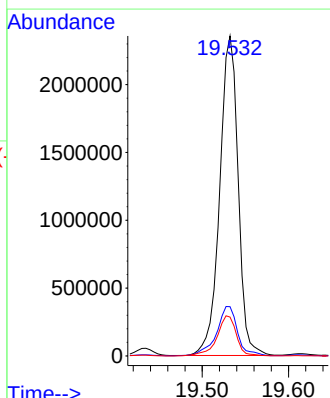
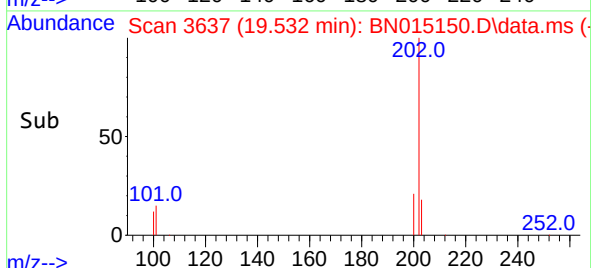
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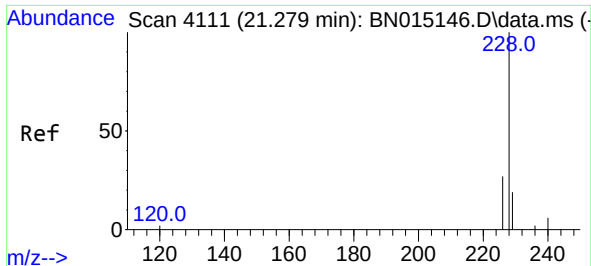


#20
Pyrene
Concen: 67.659 ng/u1
RT: 19.532 min Scan# 3637
Delta R.T. -0.006 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



Tgt Ion:202 Resp: 3511869
Ion Ratio Lower Upper
202 100
101 15.4 12.0 18.0
100 12.2 9.6 14.4





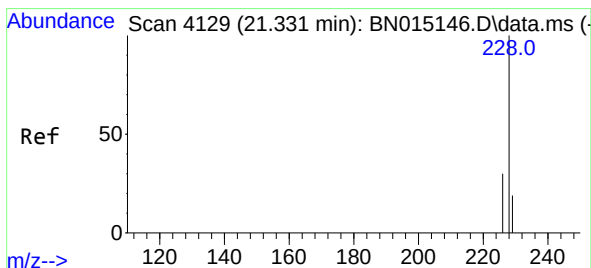
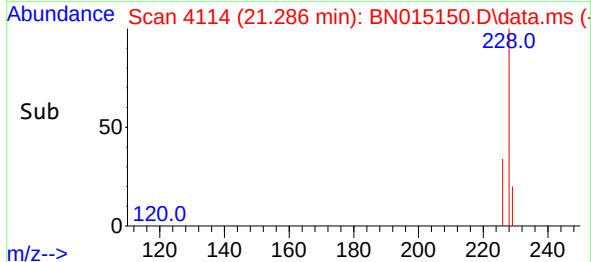
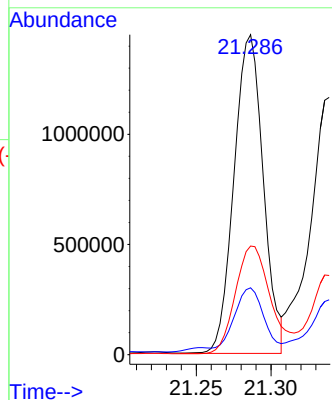
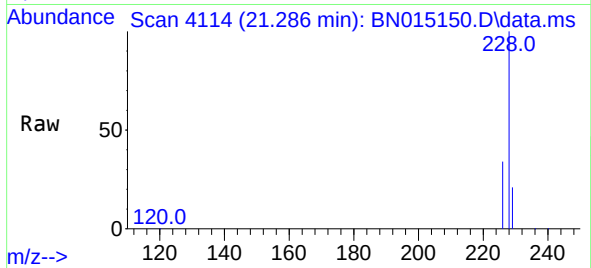
#21
Benzo(a)anthracene
Concen: 47.408 ng/ul m
RT: 21.286 min Scan# 4114
Delta R.T. -0.010 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

Tgt Ion:228 Resp: 1966898
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.8
226 33.9 21.8 32.8#

Instrument :
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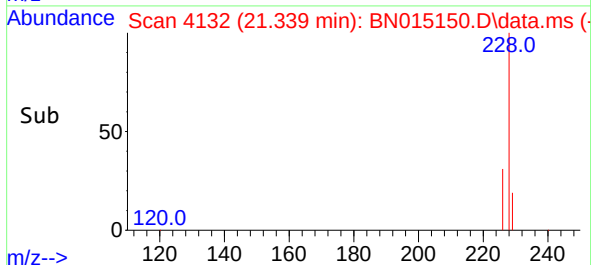
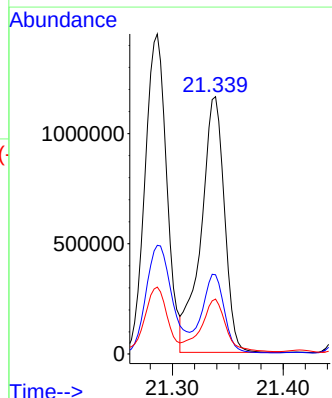
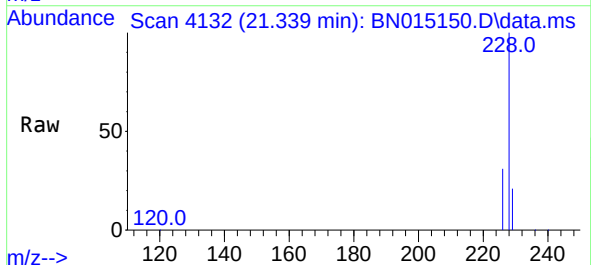
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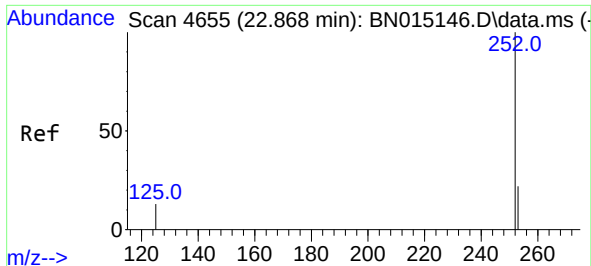
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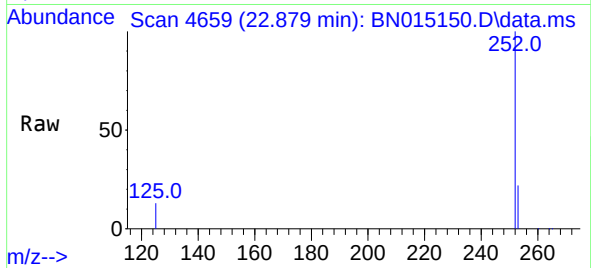
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Chrysene
Concen: 34.308 ng/ul
RT: 21.339 min Scan# 4132
Delta R.T. -0.010 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

Tgt Ion:228 Resp: 1704002
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.3 15.7 23.5

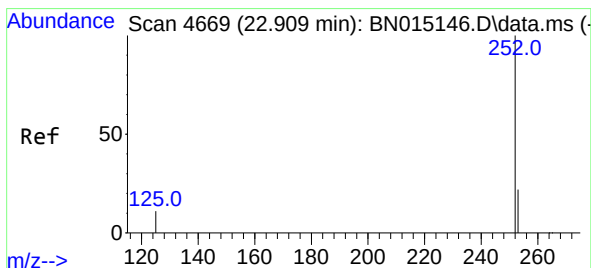
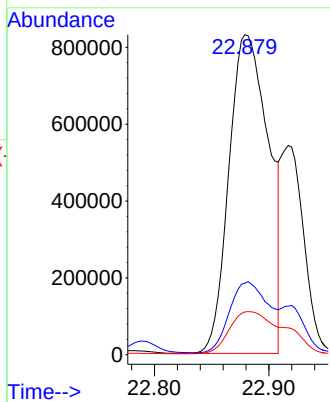
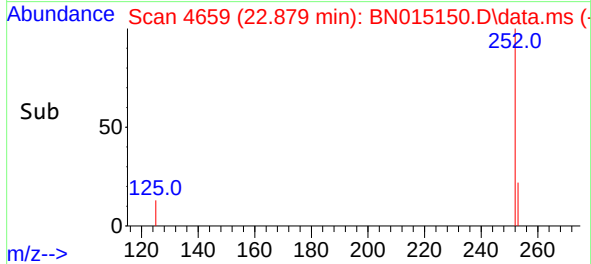




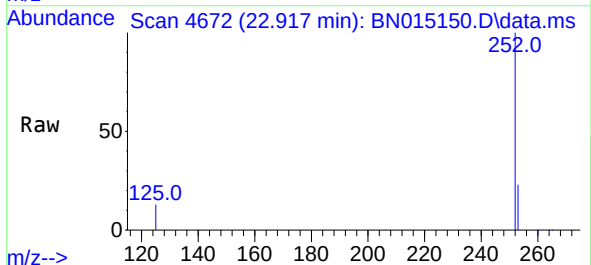
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Benzo(b)fluoranthene
Concen: 29.836 ng/ul m
RT: 22.879 min Scan# 4659
Delta R.T. -0.016 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



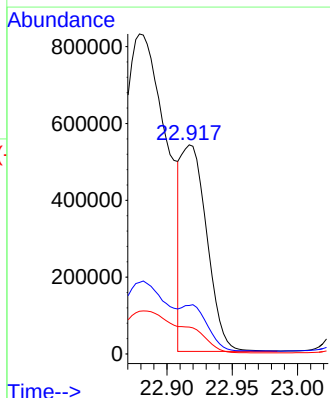
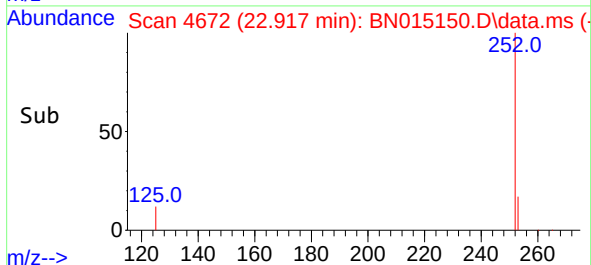
Tgt Ion:252 Resp: 2005180
Ion Ratio Lower Upper
252 100
253 22.4 0.0 45.6
125 13.4 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 9.714 ng/ul m
RT: 22.917 min Scan# 4672
Delta R.T. -0.021 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



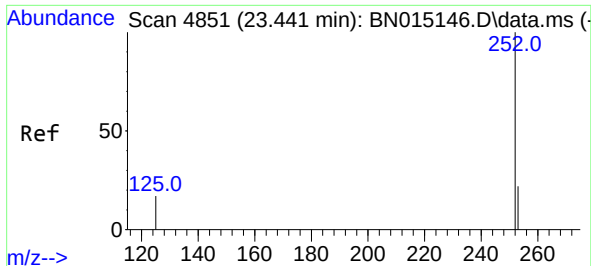
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Ion Ratio Lower Upper
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253 23.2 18.1 27.1
125 12.9 11.5 17.3



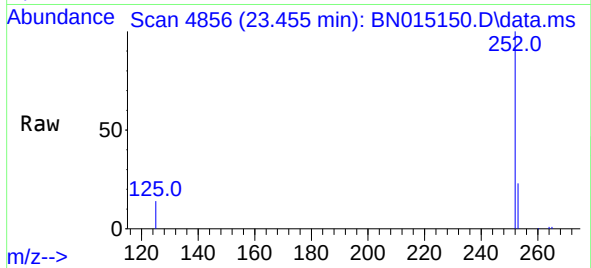
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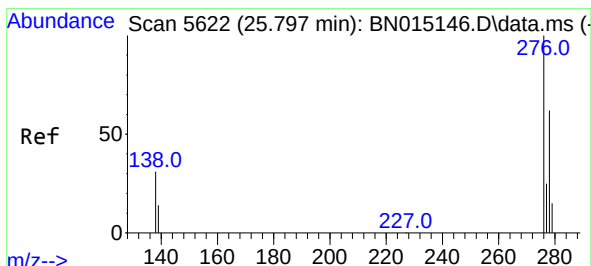
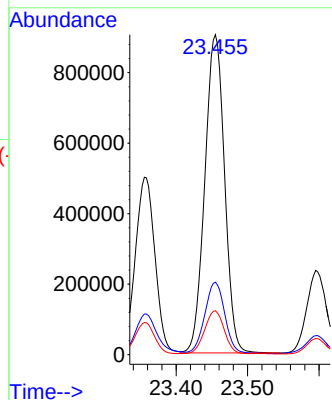
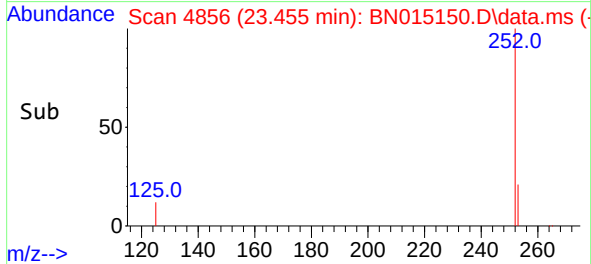


#26
Benzo(a)pyrene
Concen: 30.775 ng/ul
RT: 23.455 min Scan# 4856
Delta R.T. -0.016 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17

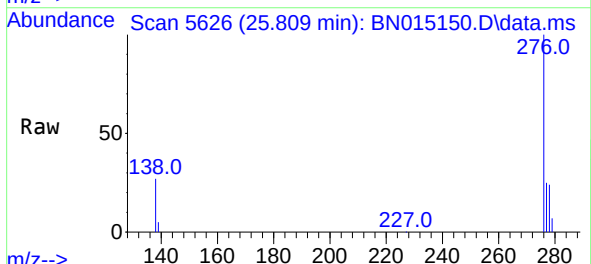


Tgt Ion:252 Resp: 1737208

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.9	28.3
125	13.7	13.5	20.3

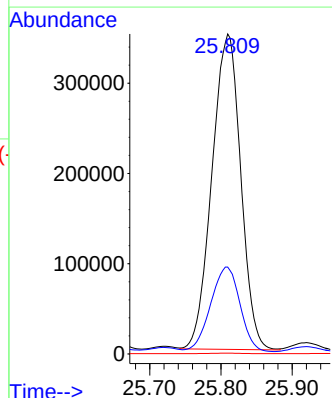
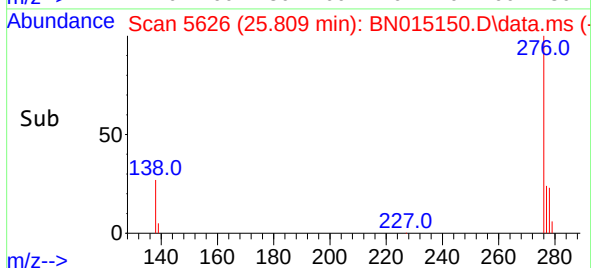


#27
Indeno(1,2,3-cd)pyrene
Concen: 14.388 ng/ul
RT: 25.809 min Scan# 5626
Delta R.T. -0.031 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



Tgt Ion:276 Resp: 980898

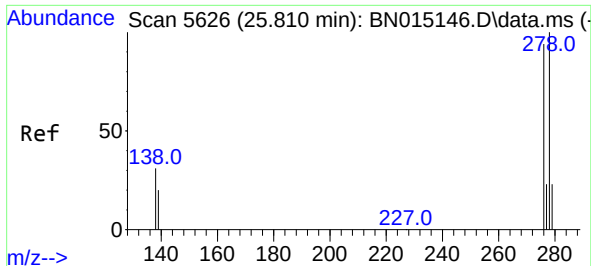
Ion	Ratio	Lower	Upper
276	100		
138	27.3	26.3	39.5
227	0.2	0.1	0.1#



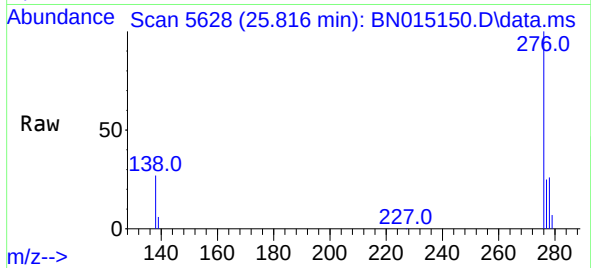
Instrument :
BNA_N
ClientSampled :
BGDC8

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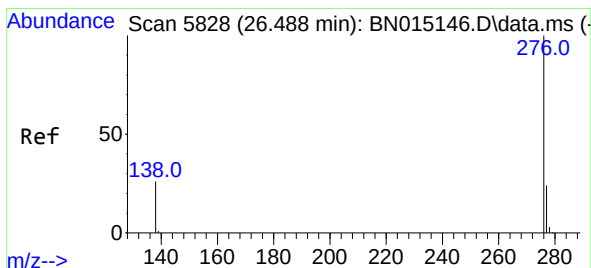
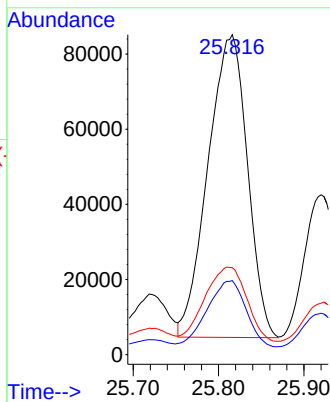
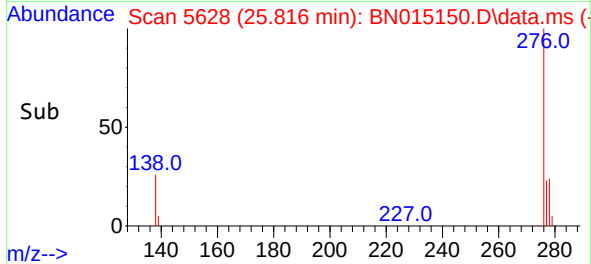
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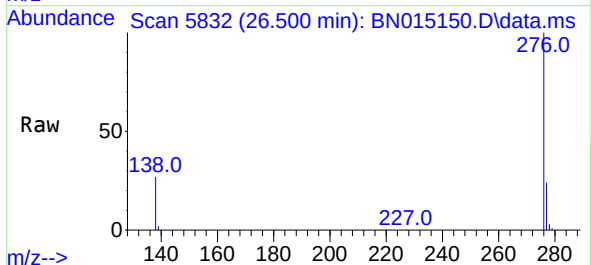
#28
Dibenzo(a,h)anthracene
Concen: 4.828 ng/ul
RT: 25.816 min Scan# 5628
Delta R.T. -0.045 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



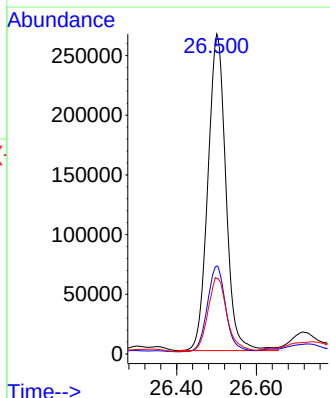
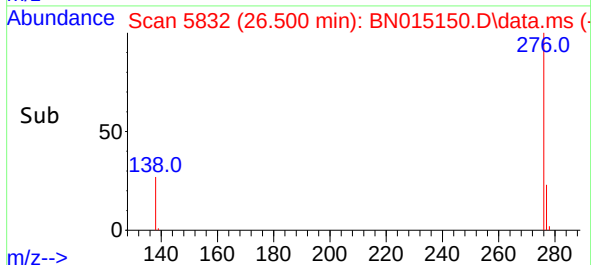
Tgt Ion:278 Resp: 258098
Ion Ratio Lower Upper
278 100
139 23.1 18.9 28.3
279 27.2 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 13.147 ng/ul
RT: 26.500 min Scan# 5832
Delta R.T. -0.024 min
Lab File: BN015150.D
Acq: 27 Jun 2021 13:17



Tgt Ion:276 Resp: 830495
Ion Ratio Lower Upper
276 100
138 27.5 23.0 34.4
277 23.5 19.3 28.9



Instrument :
BNA_N
ClientSampled :
BGDC8

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