

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
 Data File : BN015502.D
 Acq On : 12 Jul 2021 22:36
 Operator : CG/JU
 Sample : M2808-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGDW5

Manual Integrations
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Quant Time: Jul 13 04:57:50 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 : Mon Jul 12 11:02:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	3438	0.400	ng/ul	0.00
4) Naphthalene-d8	10.595	136	11410	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	5664	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	10839	0.400	ng/ul	0.00
17) Chrysene-d12	21.387	240	9100	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	8096	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.315	96	7291	1.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.190	152	2836	0.158	ng/ul	0.00
18) Fluoranthene-d10	19.225	212	5676	0.190	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.644	128	6424	0.176	ng/ul	98
7) 2-Methylnaphthalene	12.261	142	927	0.039	ng/ul	98
8) 1-Methylnaphthalene	12.481	142	462	0.020	ng/ul	98
10) Acenaphthylene	14.164	152	9317	0.318	ng/ul	98
11) Acenaphthene	14.506	153	4246	0.189	ng/ul	99
12) Fluorene	15.496	166	5950	0.240	ng/ul	99
15) Phenanthrene	17.234	178	89676	2.280	ng/ul	100
16) Anthracene	17.326	178	47498	1.369	ng/ul	99
19) Fluoranthene	19.257	202	278507	6.623	ng/ul	100
20) Pyrene	19.620	202	207837	4.928	ng/ul	98
21) Benzo(a)anthracene	21.372	228	144846	4.297	ng/ul	96
22) Chrysene	21.422	228	124569	3.087	ng/ul	98
24) Benzo(b)fluoranthene	23.026	252	138298m	3.657	ng/ul	
25) Benzo(k)fluoranthene	23.070	252	55326m	1.296	ng/ul	
26) Benzo(a)pyrene	23.634	252	94690	2.981	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.159	276	54730	1.426	ng/ul#	91
28) Dibenzo(a,h)anthracene	26.173	278	15438	0.513	ng/ul	96
29) Benzo(g,h,i)perylene	26.904	276	7800	0.219	ng/ul	93

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

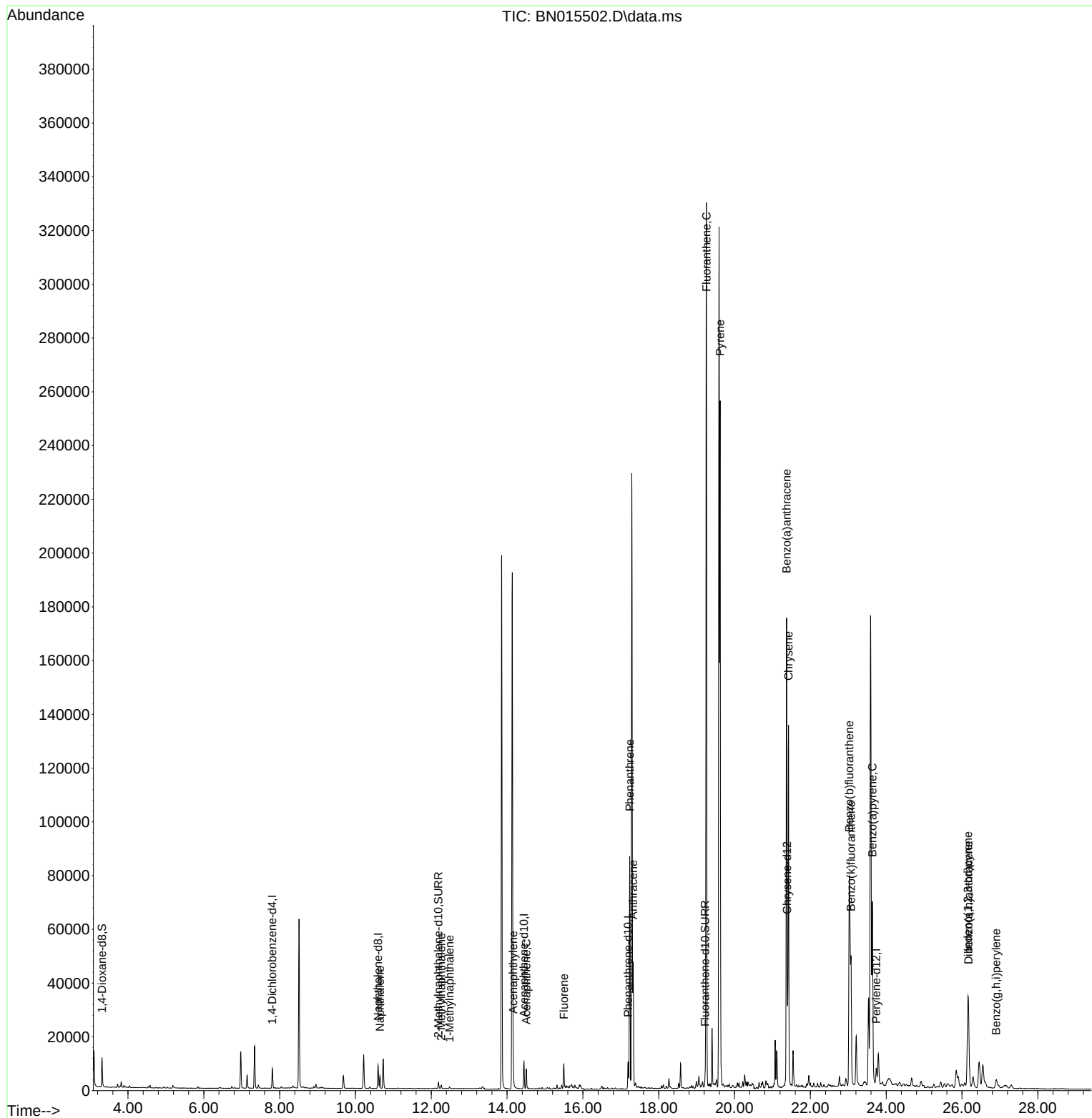
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071221\
Data File : BN015502.D
Acq On : 12 Jul 2021 22:36
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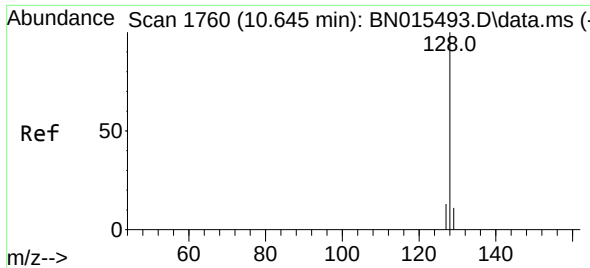
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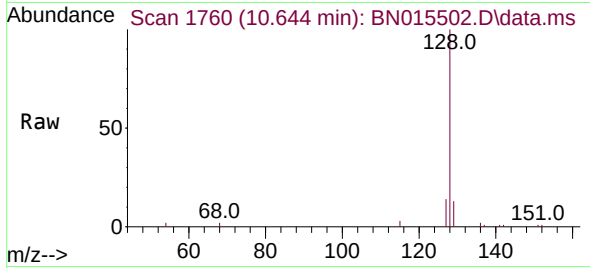
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Quant Time: Jul 13 04:57:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 11:02:52 2021
Response via : Initial Calibration

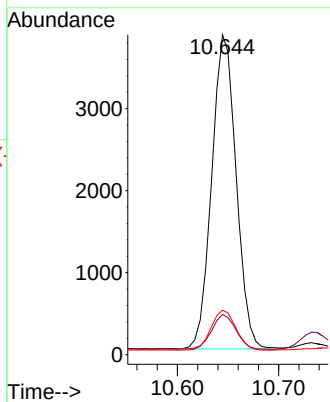
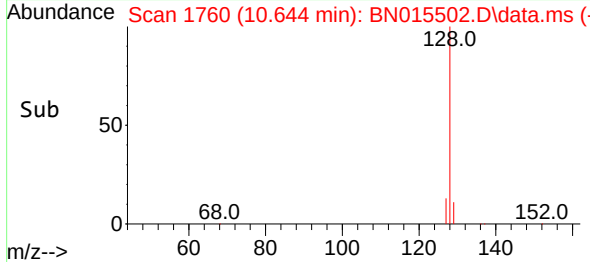




#5
Naphthalene
Concen: 0.176 ng/ul
RT: 10.644 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



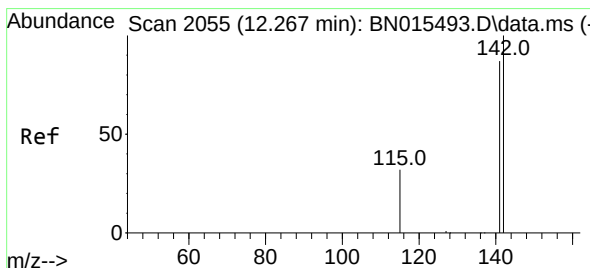
Tgt Ion:	128	Resp:	6424
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.3	13.9
127	13.9	10.8	16.2



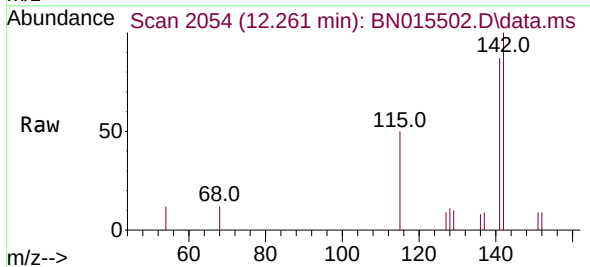
Instrument :
BNA_N
ClientSampleId :
BGDW5

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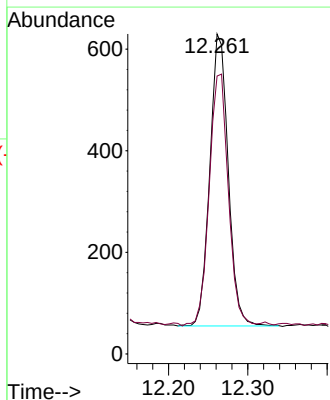
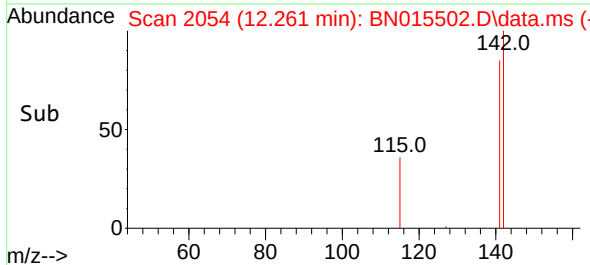
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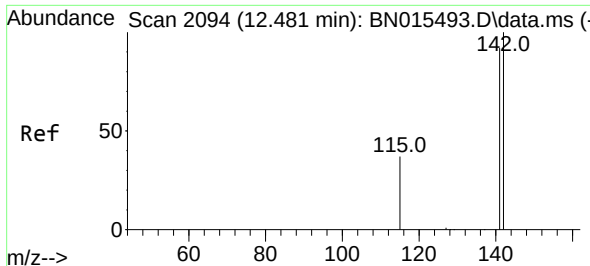


#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.261 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

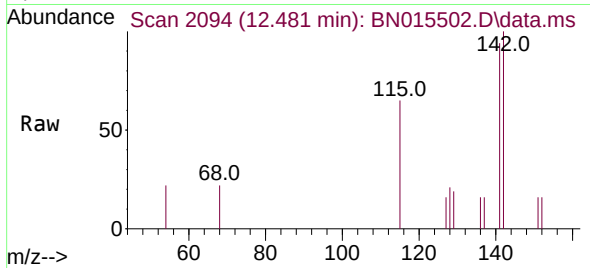


Tgt Ion:	142	Resp:	927
Ion Ratio	Lower	Upper	
142	100		
141	89.8	70.3	105.5

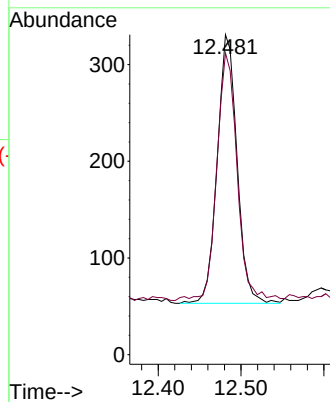
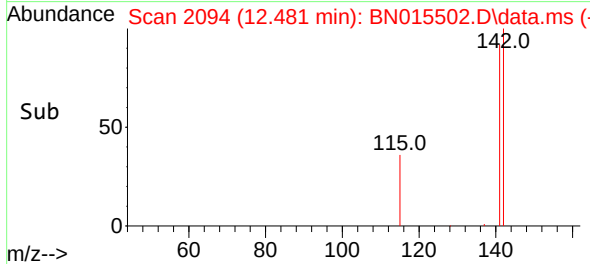




#8
1-Methylnaphthalene
Concen: 0.020 ng/ul
RT: 12.481 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



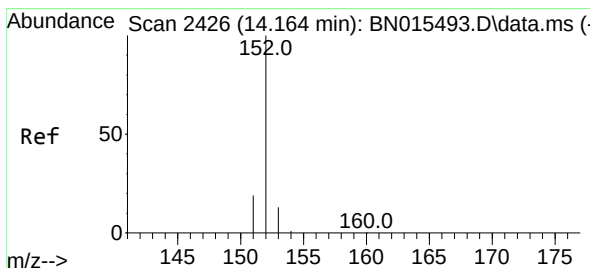
Tgt Ion:142 Resp: 462
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.4



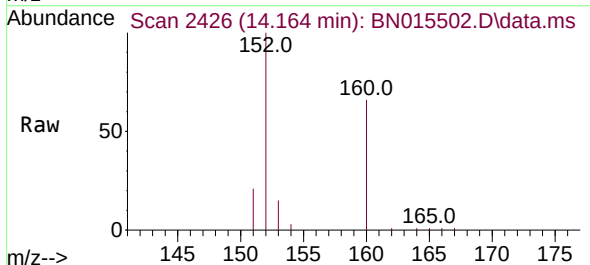
Instrument :
BNA_N
ClientSampled :
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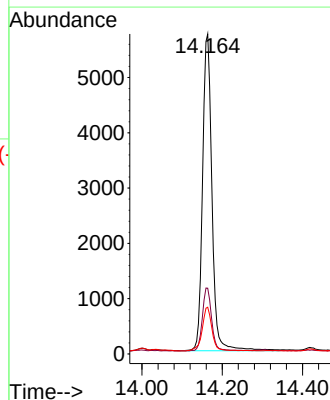
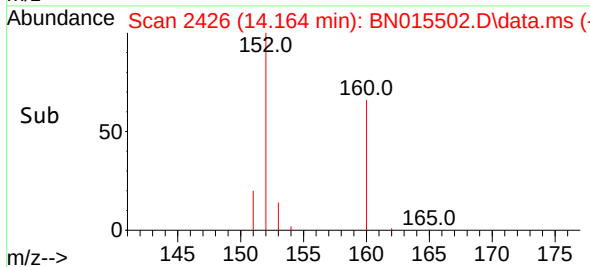
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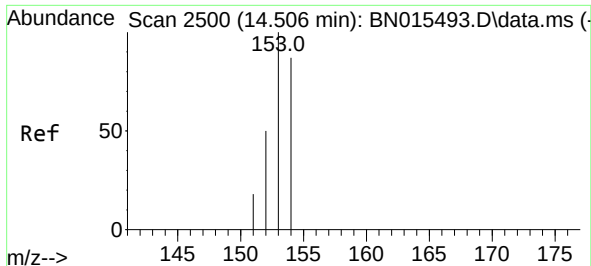


#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.164 min Scan# 2426
Delta R.T. 0.005 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



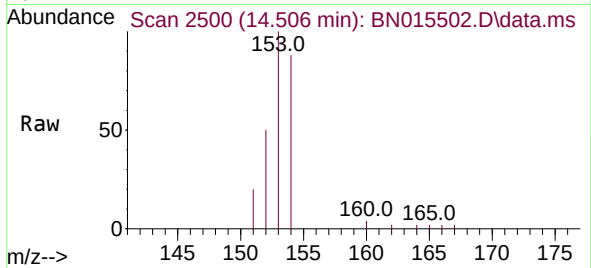
Tgt Ion:152 Resp: 9317
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.6 10.9 16.3



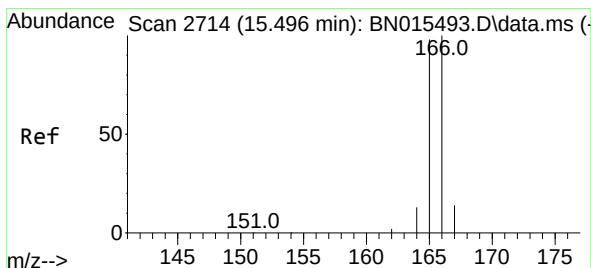
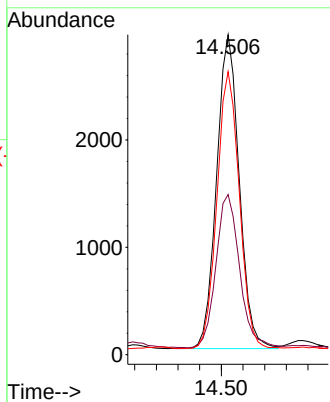
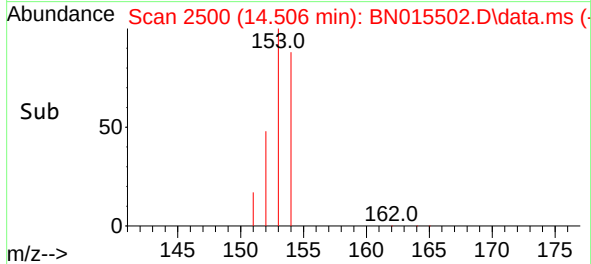


#11
Acenaphthene
Concen: 0.189 ng/ul
RT: 14.506 min Scan# 2500
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

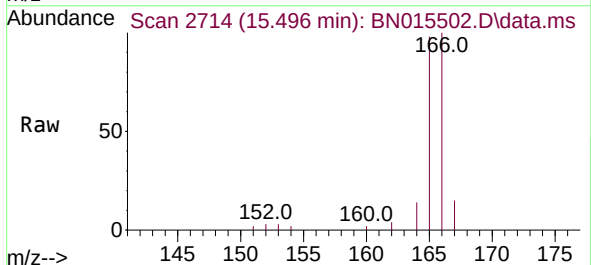
Instrument :
BNA_N
ClientSampleId :
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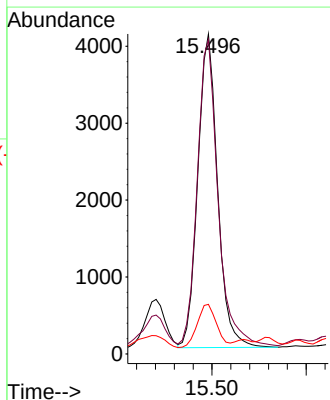
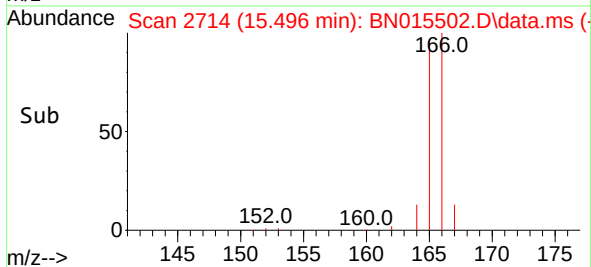
Tgt Ion:153 Resp: 4246
Ion Ratio Lower Upper
153 100
152 50.1 39.8 59.6
154 88.5 69.8 104.8

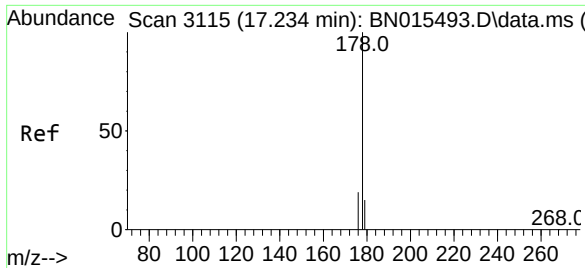


#12
Fluorene
Concen: 0.240 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



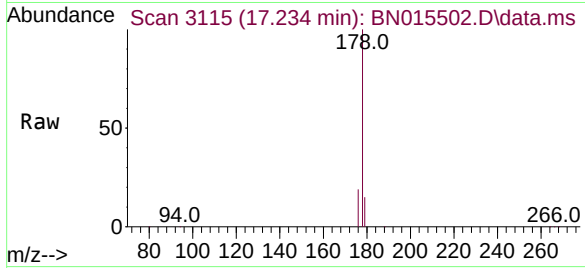
Tgt Ion:166 Resp: 5950
Ion Ratio Lower Upper
166 100
165 98.3 77.8 116.8
167 15.5 11.2 16.8





#15
Phenanthrene
Concen: 2.280 ng/ul
RT: 17.234 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

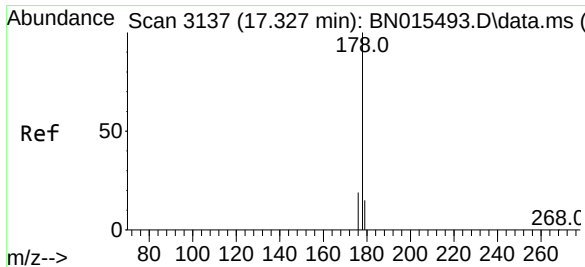
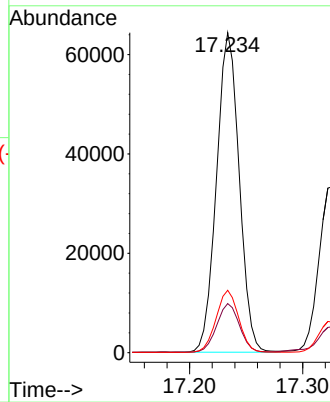
Instrument :
BNA_N
ClientSampled :
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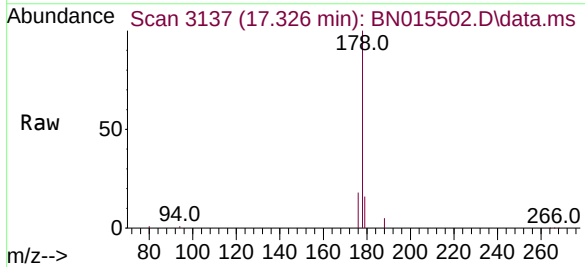
Tgt Ion:178 Resp: 89676
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.5 15.5 23.3

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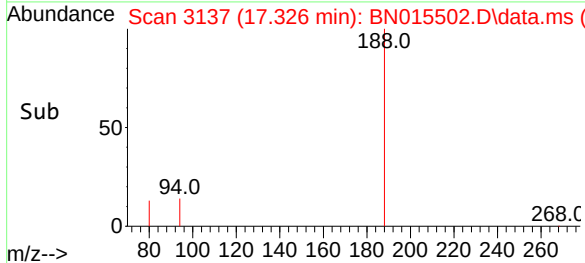
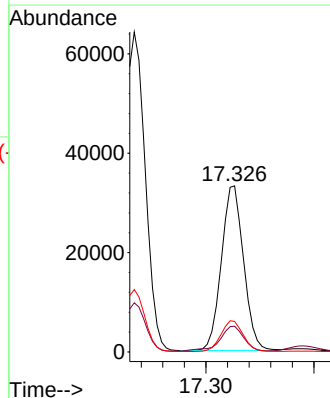
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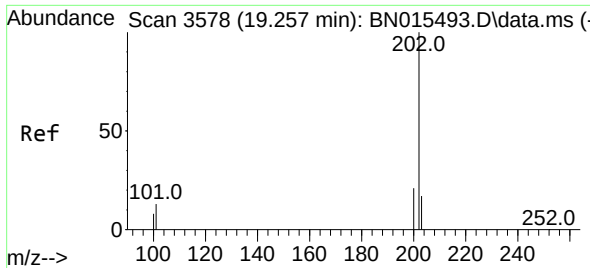


#16
Anthracene
Concen: 1.369 ng/ul
RT: 17.326 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



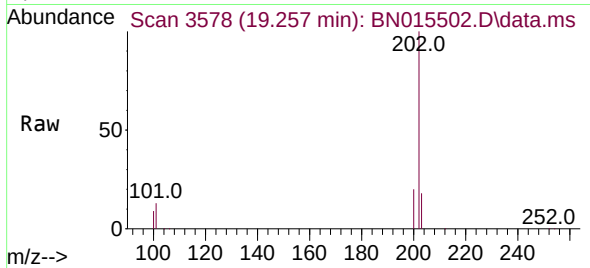
Tgt Ion:178 Resp: 47498
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 18.5 15.2 22.8





#19
Fluoranthene
Concen: 6.623 ng/u1
RT: 19.257 min Scan# 3578
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

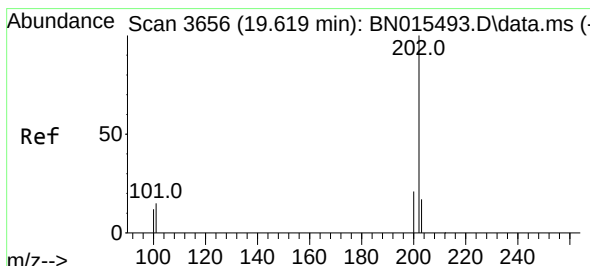
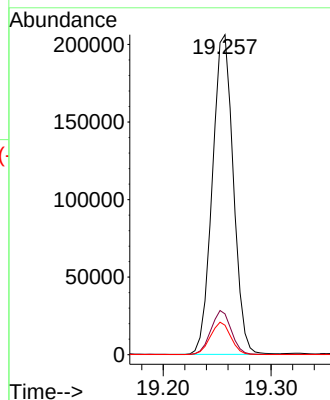
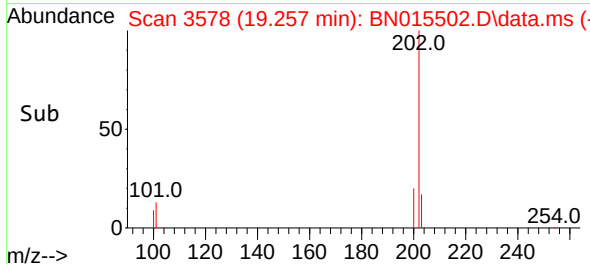
Instrument :
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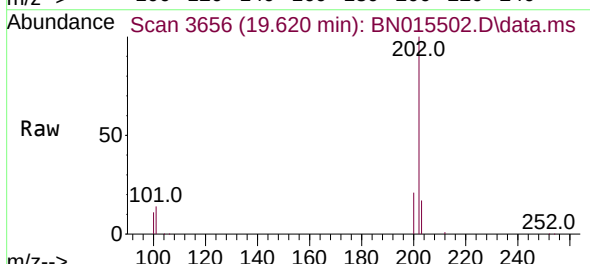
Tgt Ion:202 Resp: 278507
Ion Ratio Lower Upper
202 100
101 12.8 10.1 15.1
100 9.2 7.4 11.0

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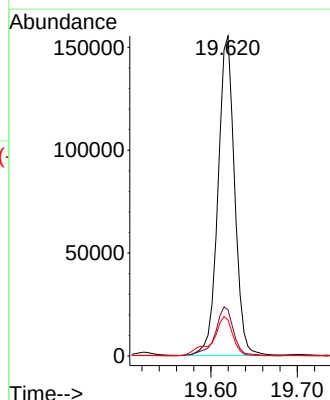
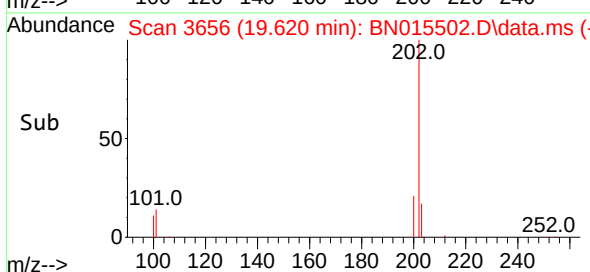
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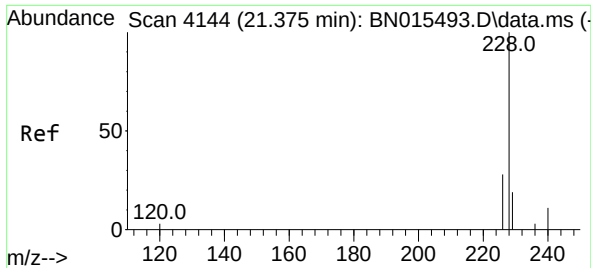


#20
Pyrene
Concen: 4.928 ng/u1
RT: 19.620 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



Tgt Ion:202 Resp: 207837
Ion Ratio Lower Upper
202 100
101 14.4 12.0 18.0
100 11.2 9.6 14.4





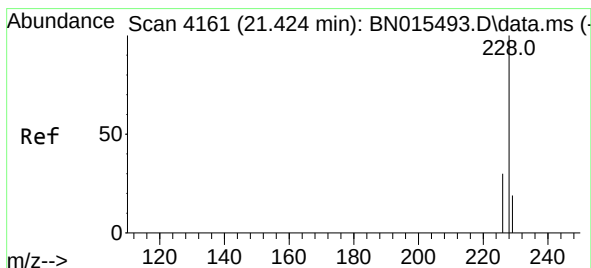
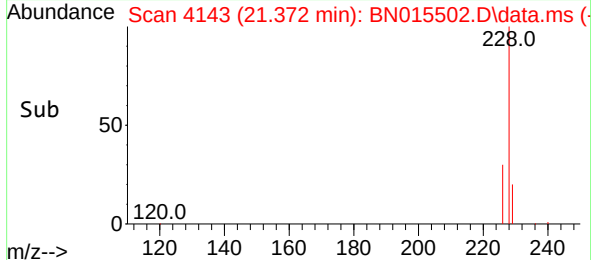
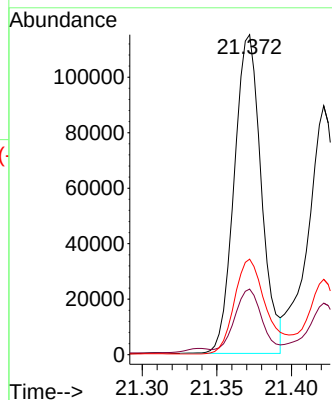
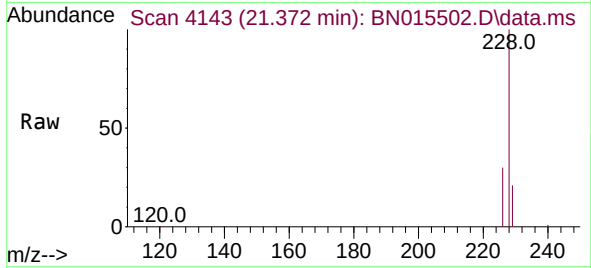
#21
Benzo(a)anthracene
Concen: 4.297 ng/ul
RT: 21.372 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:228 Resp: 144846
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 29.9 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDW5

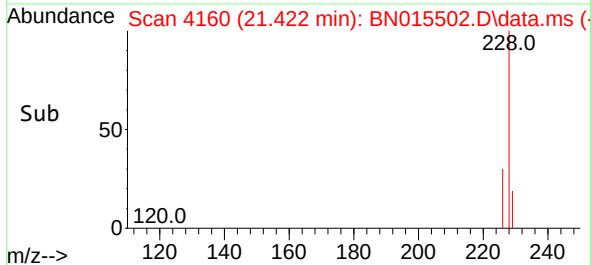
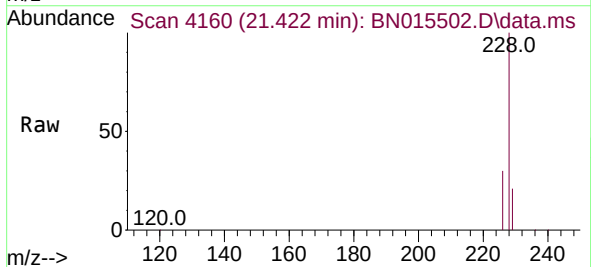
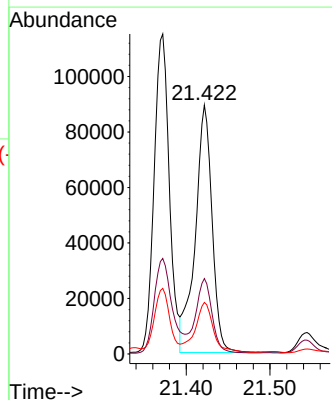
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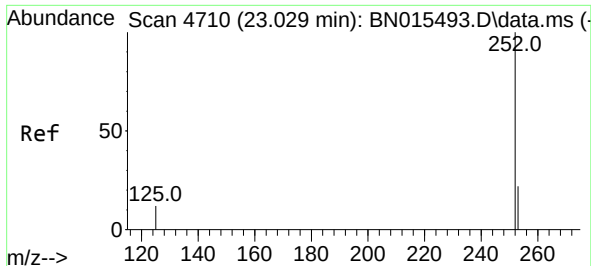
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#22
Chrysene
Concen: 3.087 ng/ul
RT: 21.422 min Scan# 4160
Delta R.T. -0.006 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:228 Resp: 124569
Ion Ratio Lower Upper
228 100
226 30.3 24.6 37.0
229 20.7 15.7 23.5





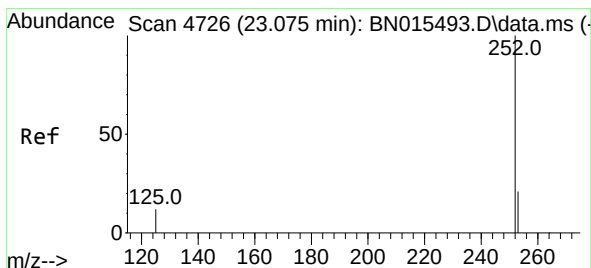
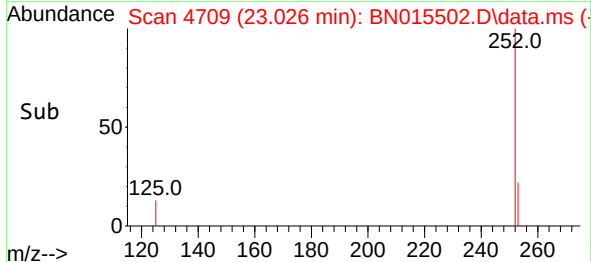
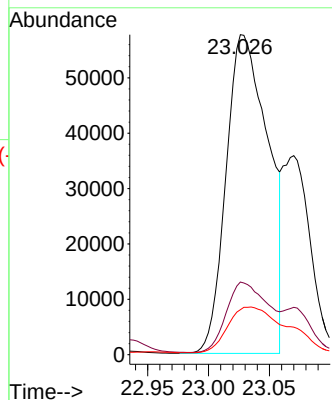
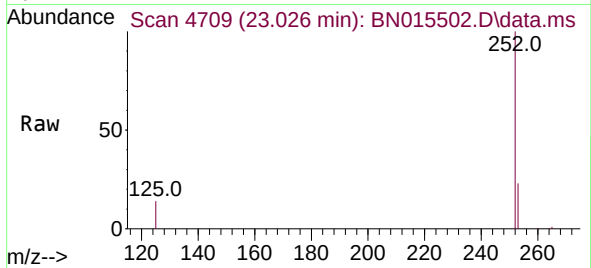
#24
Benzo(b)fluoranthene
Concen: 3.657 ng/ul m
RT: 23.026 min Scan# 4709
Delta R.T. -0.003 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:252 Resp: 138298
Ion Ratio Lower Upper
252 100
253 22.7 0.0 45.6
125 14.1 0.0 28.4

Instrument :
BNA_N
ClientSampleId :
BGDW5

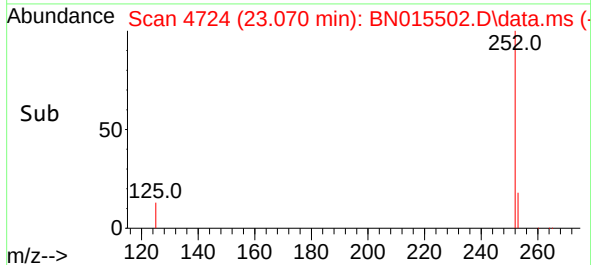
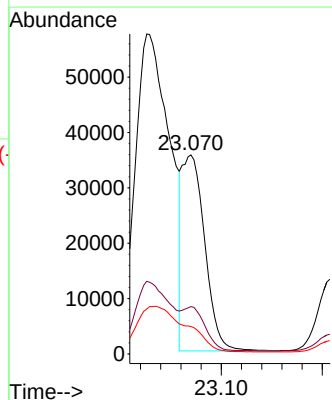
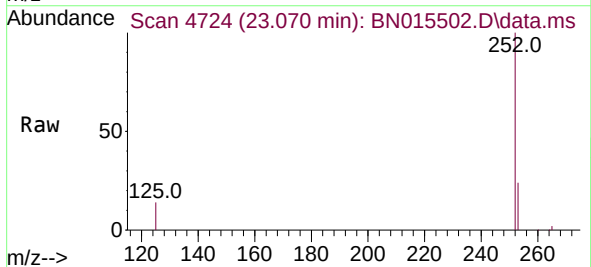
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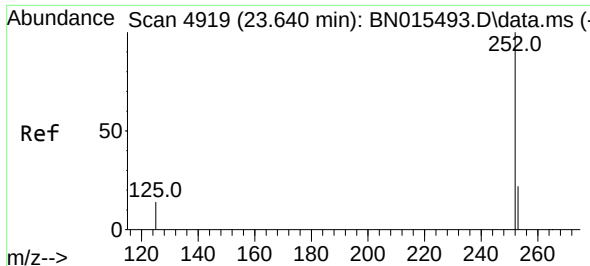
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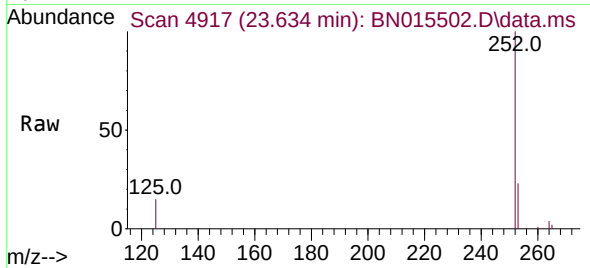
#25
Benzo(k)fluoranthene
Concen: 1.296 ng/ul m
RT: 23.070 min Scan# 4724
Delta R.T. -0.009 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:252 Resp: 55326
Ion Ratio Lower Upper
252 100
253 23.8 18.1 27.1
125 13.8 11.5 17.3

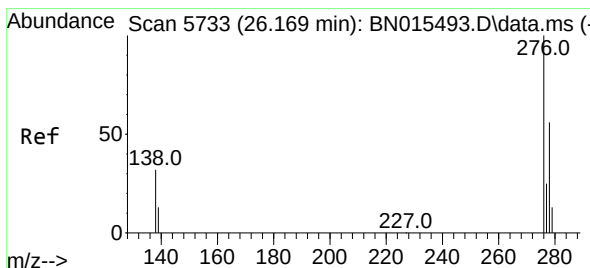
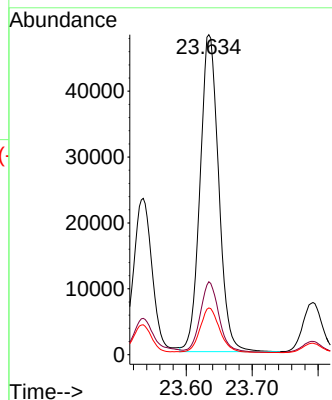
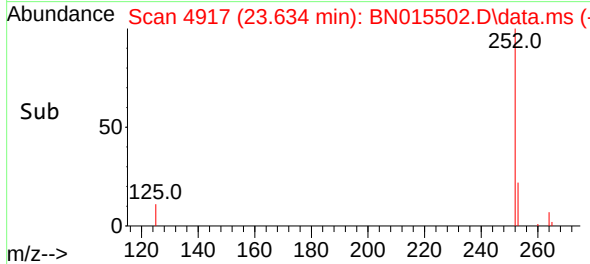




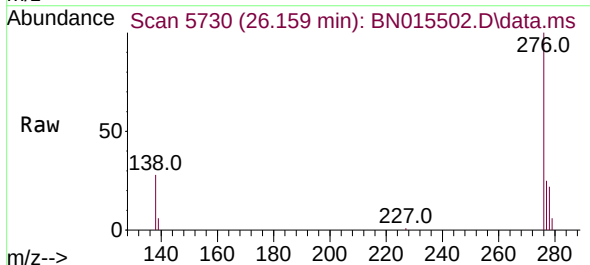
#26
Benzo(a)pyrene
Concen: 2.981 ng/ul
RT: 23.634 min Scan# 4917
Delta R.T. -0.006 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



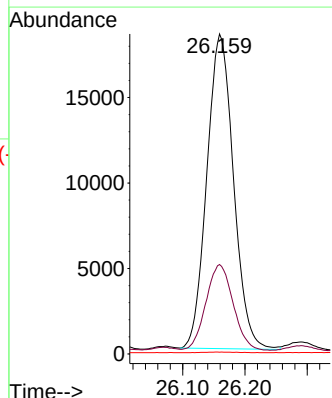
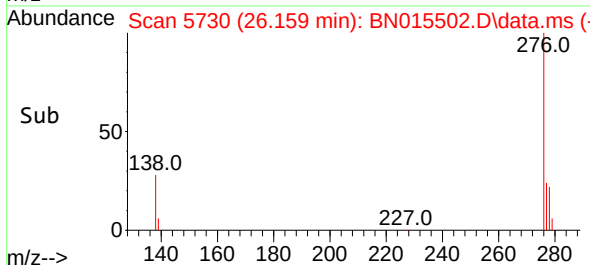
Tgt Ion:252 Resp: 94690
Ion Ratio Lower Upper
252 100
253 22.8 18.9 28.3
125 14.6 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.426 ng/ul
RT: 26.159 min Scan# 5730
Delta R.T. -0.010 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36



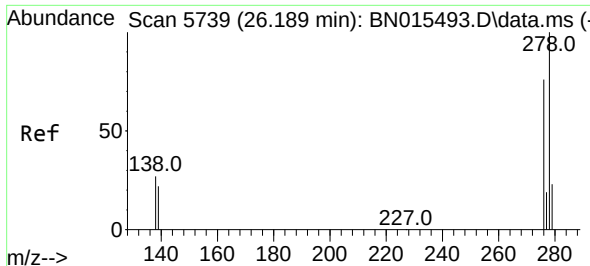
Tgt Ion:276 Resp: 54730
Ion Ratio Lower Upper
276 100
138 28.0 26.3 39.5
227 0.2 0.1 0.1#



Instrument :
BNA_N
ClientSampled :
BGDW5

Manual Integrations
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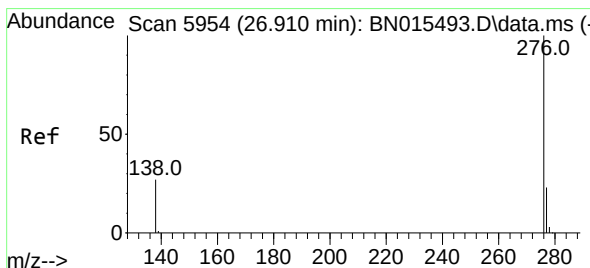
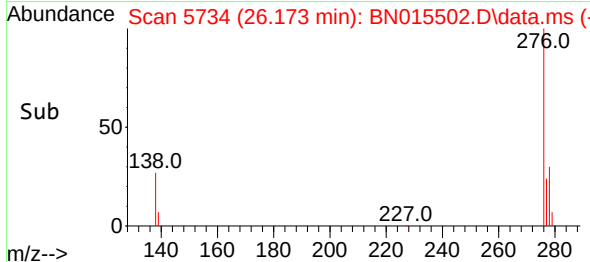
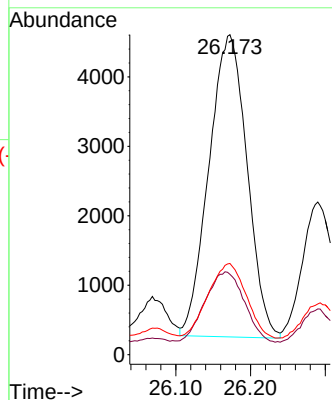
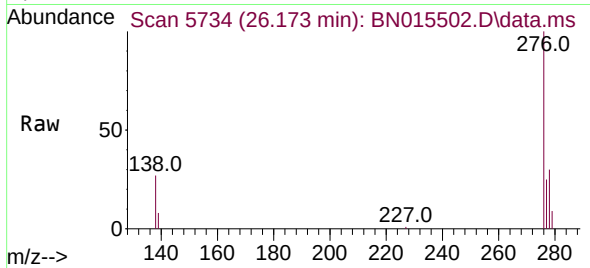
#28
Dibenzo(a,h)anthracene
Concen: 0.513 ng/ul
RT: 26.173 min Scan# 5734
Delta R.T. -0.017 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:278 Resp: 15438
Ion Ratio Lower Upper
278 100
139 25.1 18.9 28.3
279 28.5 20.8 31.2

Instrument :
BNA_N
ClientSampled :
BGDW5

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.219 ng/ul
RT: 26.904 min Scan# 5952
Delta R.T. -0.007 min
Lab File: BN015502.D
Acq: 12 Jul 2021 22:36

Tgt Ion:276 Resp: 7800
Ion Ratio Lower Upper
276 100
138 31.7 23.0 34.4
277 28.4 19.3 28.9

