

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
 Data File : BN015480.D
 Acq On : 10 Jul 2021 12:48
 Operator : CG/JU
 Sample : M2808-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BGD1

Manual Integrations
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mohammad
 7/12/2021 9:34:28 AM

Quant Time: Jul 11 06:15:20 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	3822	0.400	ng/ul	0.00
4) Naphthalene-d8	10.479	136	13250	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.335	164	6761	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.082	188	13800	0.400	ng/ul	0.00
17) Chrysene-d12	21.284	240	11043	0.400	ng/ul	0.00
23) Perylene-d12	23.520	264	9446	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	3374	0.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.069	152	2139	0.103	ng/ul	0.00
18) Fluoranthene-d10	19.117	212	4495	0.124	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.529	128	14458	0.342	ng/ul	100
7) 2-Methylnaphthalene	12.146	142	1522	0.055	ng/ul	98
8) 1-Methylnaphthalene	12.366	142	563	0.021	ng/ul	99
10) Acenaphthylene	14.053	152	30842	0.882	ng/ul	100
11) Acenaphthene	14.400	153	9811	0.366	ng/ul	97
12) Fluorene	15.385	166	14049	0.475	ng/ul	97
15) Phenanthrene	17.124	178	228755	4.567	ng/ul	100
16) Anthracene	17.212	178	71517	1.620	ng/ul	99
19) Fluoranthene	19.145	202	548784	10.755	ng/ul	97
20) Pyrene	19.512	202	411608	8.043	ng/ul	100
21) Benzo(a)anthracene	21.266	228	226540	5.538	ng/ul	96
22) Chrysene	21.319	228	173140	3.536	ng/ul	98
24) Benzo(b)fluoranthene	22.850	252	209044m	4.737	ng/ul	
25) Benzo(k)fluoranthene	22.891	252	70797m	1.421	ng/ul	
26) Benzo(a)pyrene	23.423	252	136235	3.676	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.763	276	77375	1.728	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.770	278	21746	0.620	ng/ul	98
29) Benzo(g,h,i)perylene	26.450	276	7592	0.183	ng/ul#	90

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

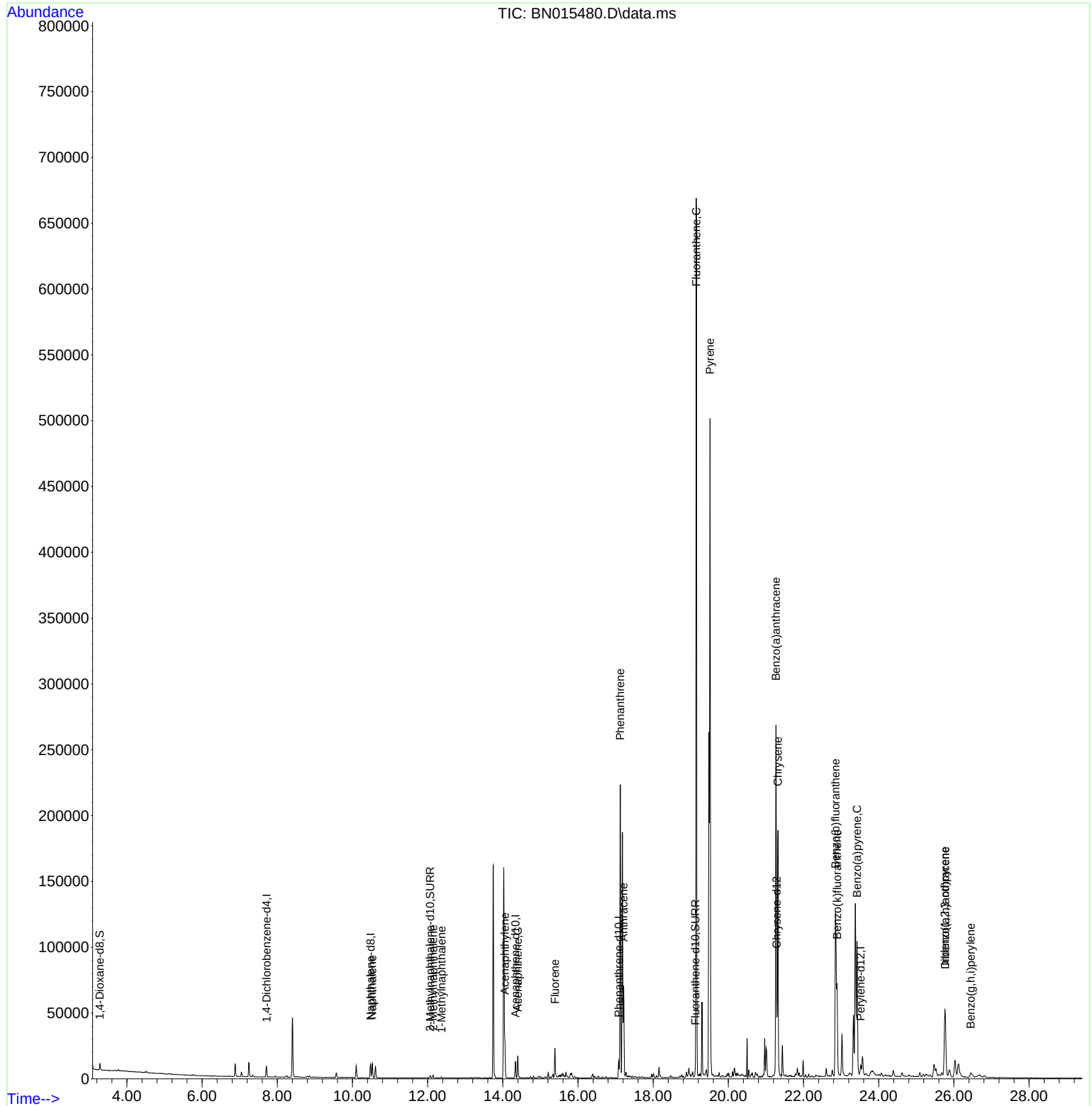
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070821\
Data File : BN015480.D
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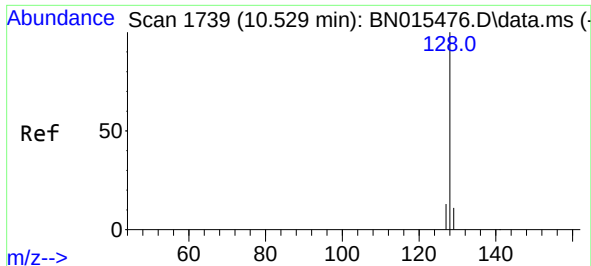
Instrument :
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ClientSampleId :
BGDT1

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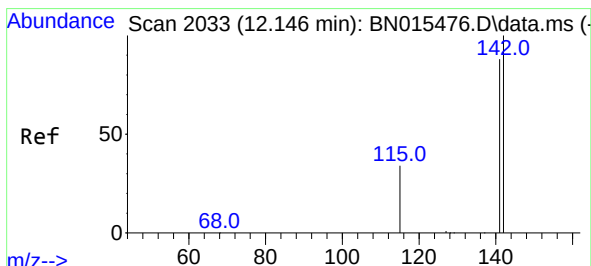
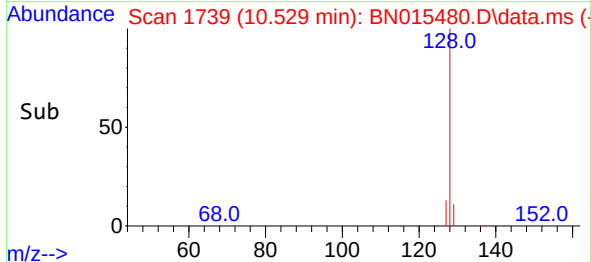
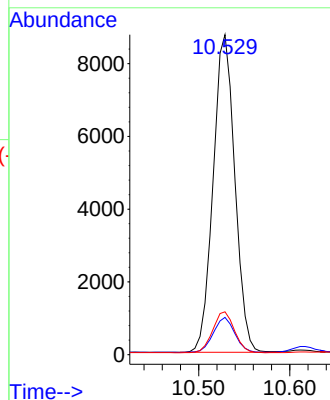
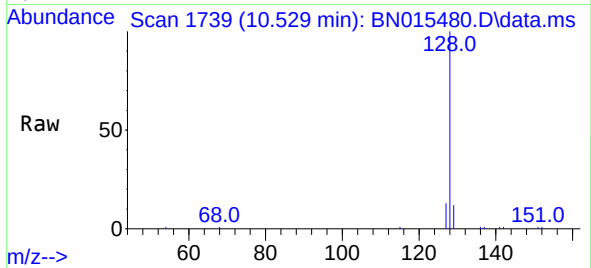
#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.529 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:	128	Resp:	14458
Ion Ratio	Lower	Upper	
128	100		
129	11.6	9.3	13.9
127	13.4	10.8	16.2

Instrument :
BNA_N
ClientSampled :
BGDT1

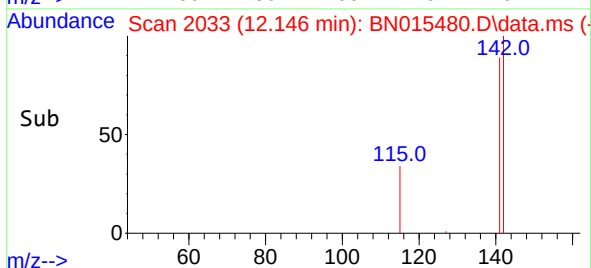
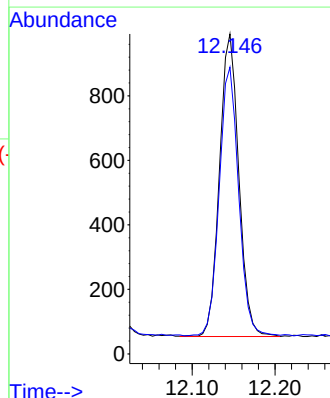
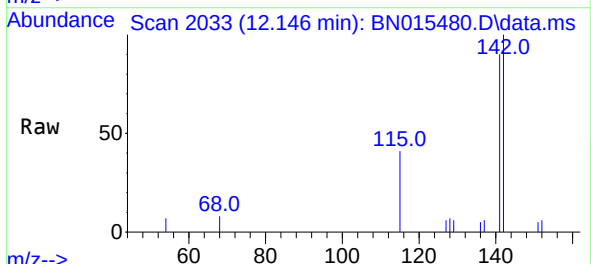
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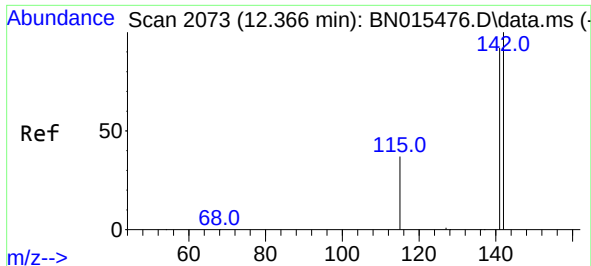
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#7
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.146 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:	142	Resp:	1522
Ion Ratio	Lower	Upper	
142	100		
141	89.4	70.3	105.5





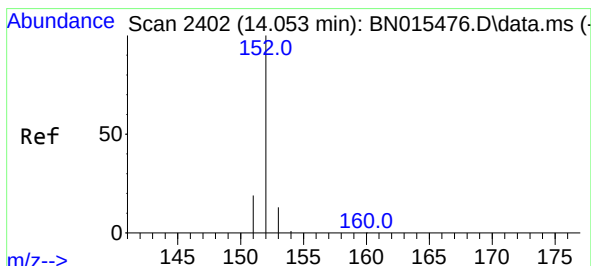
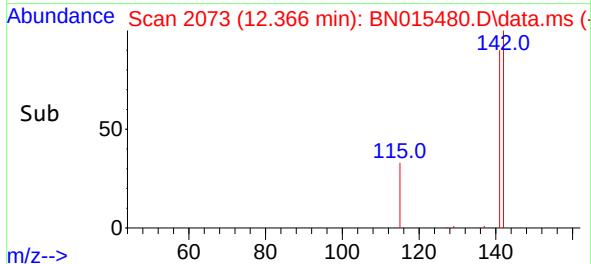
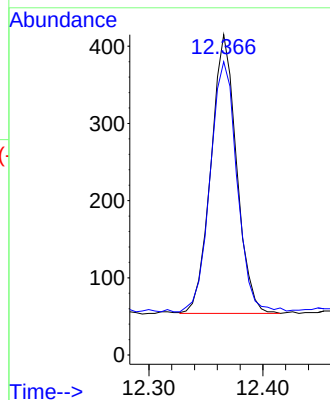
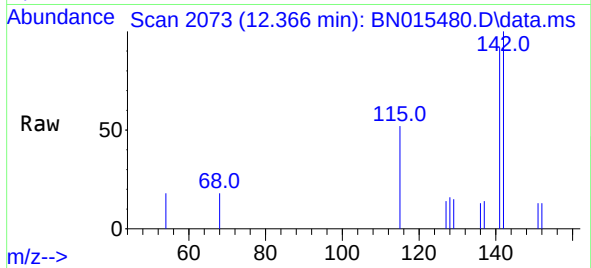
#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.366 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:142 Resp: 563
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4

Instrument :
BNA_N
ClientSampled :
BGDT1

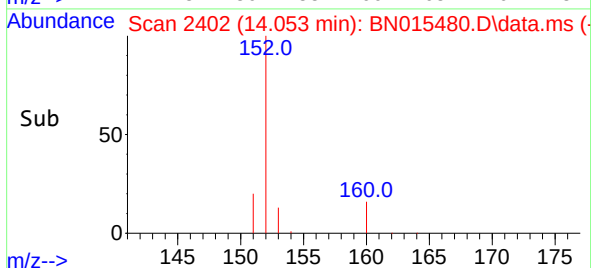
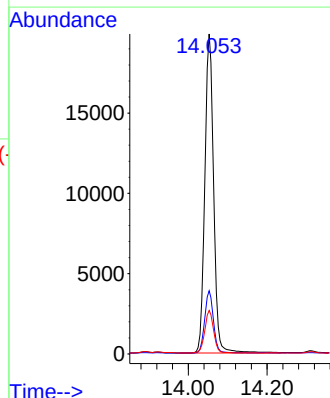
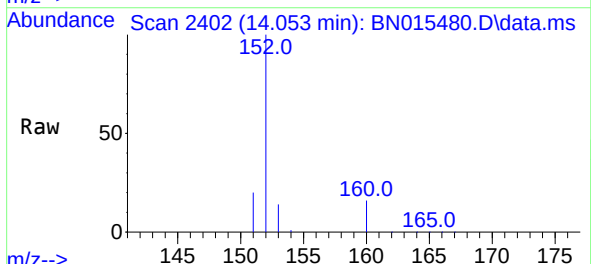
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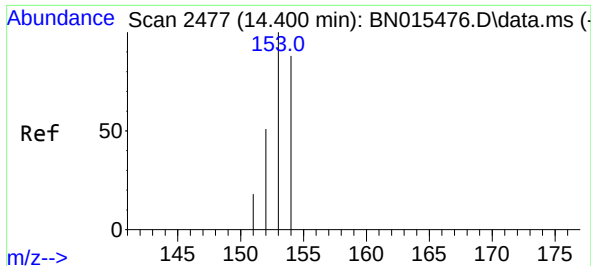
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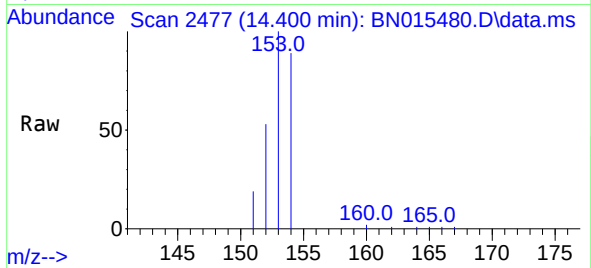
#10
Acenaphthylene
Concen: 0.882 ng/ul
RT: 14.053 min Scan# 2402
Delta R.T. -0.005 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:152 Resp: 30842
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.6 10.9 16.3

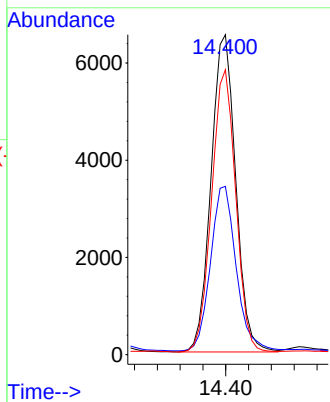
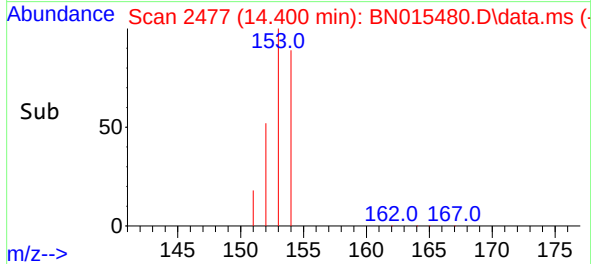




#11
Acenaphthene
Concen: 0.366 ng/ul
RT: 14.400 min Scan# 2477
Delta R.T. 0.000 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



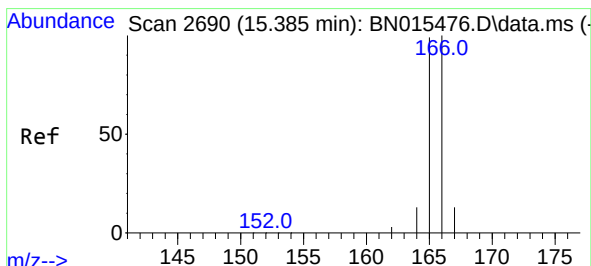
Tgt Ion:153 Resp: 9811
Ion Ratio Lower Upper
153 100
152 52.6 39.8 59.6
154 89.1 69.8 104.8



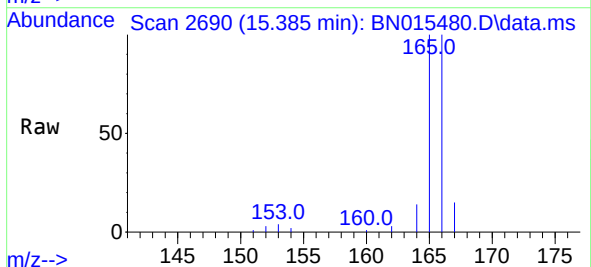
Instrument :
BNA_N
ClientSampled :
BGDT1

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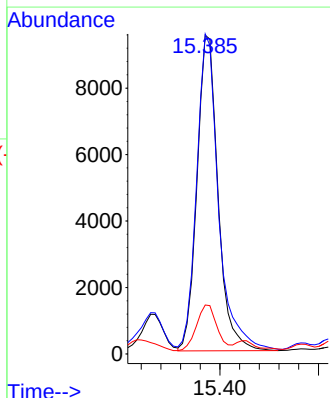
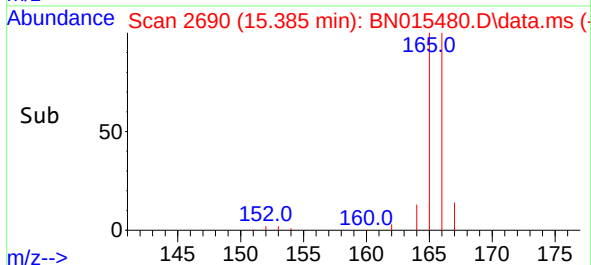
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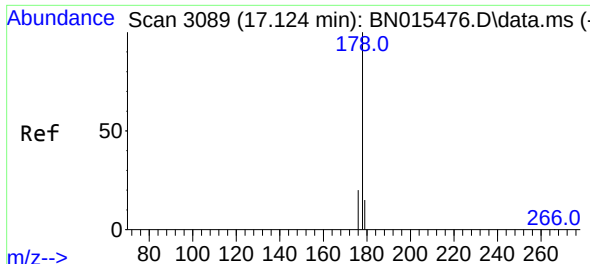


#12
Fluorene
Concen: 0.475 ng/ul
RT: 15.385 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



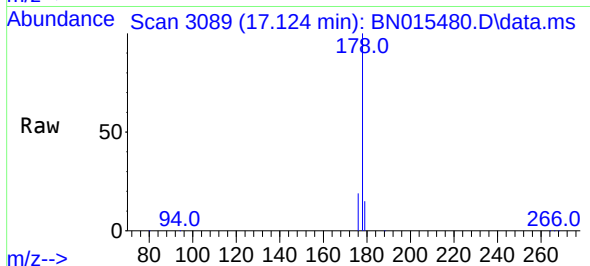
Tgt Ion:166 Resp: 14049
Ion Ratio Lower Upper
166 100
165 100.4 77.8 116.8
167 15.4 11.2 16.8





#15
Phenanthrene
Concen: 4.567 ng/ul
RT: 17.124 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

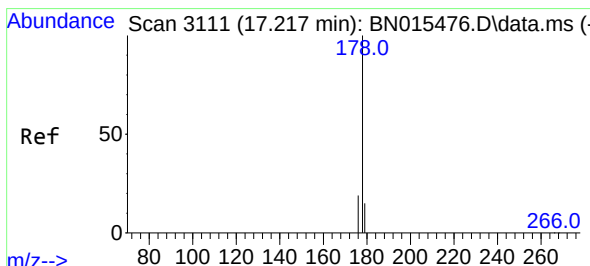
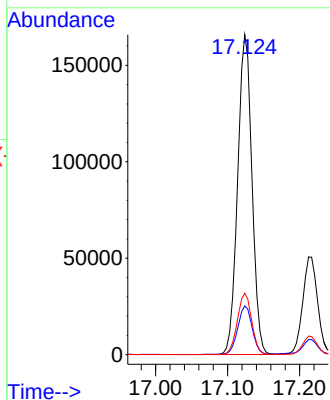
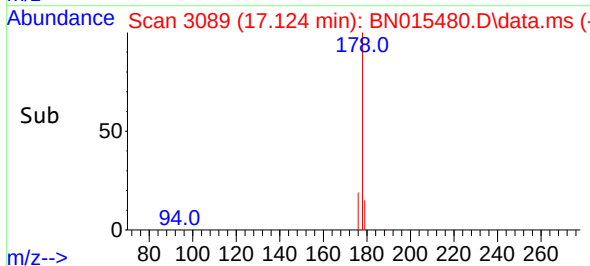
Instrument :
BNA_N
ClientSampled :
BGDT1



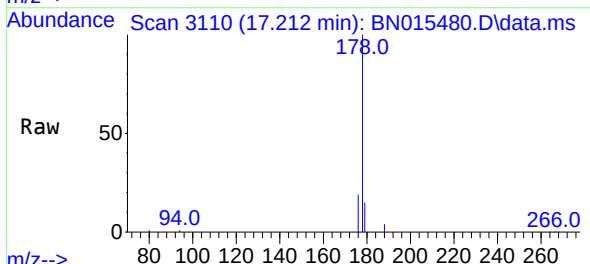
Tgt Ion:178 Resp: 228755
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.5 23.3

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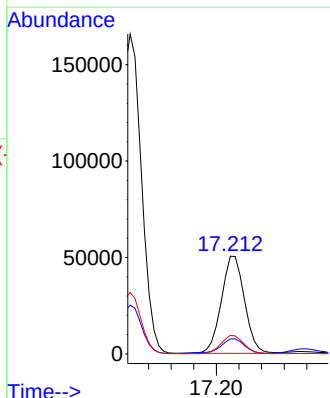
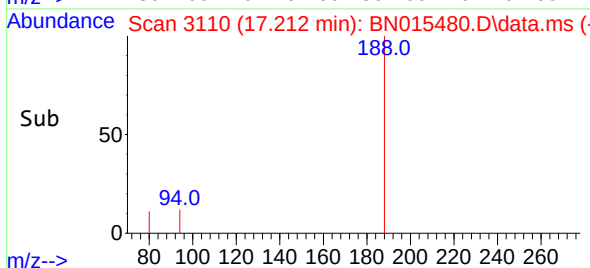
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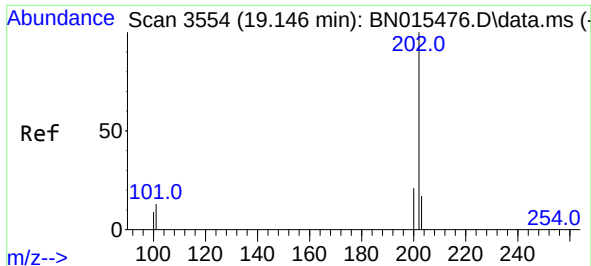


#16
Anthracene
Concen: 1.620 ng/ul
RT: 17.212 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



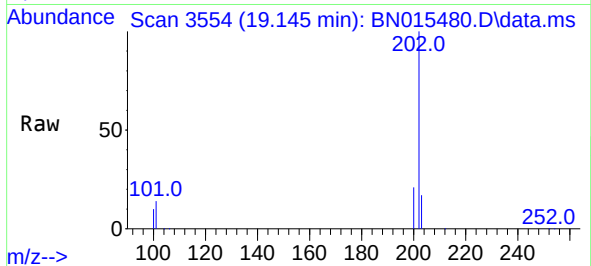
Tgt Ion:178 Resp: 71517
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 18.9 15.2 22.8





#19
Fluoranthene
Concen: 10.755 ng/ul
RT: 19.145 min Scan# 3554
Delta R.T. -0.005 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

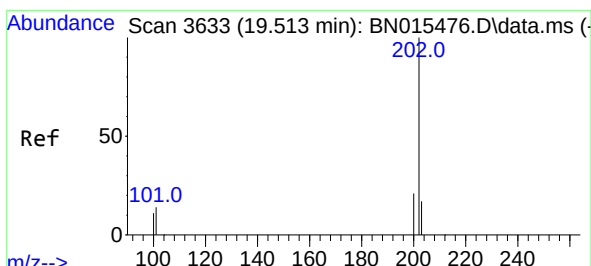
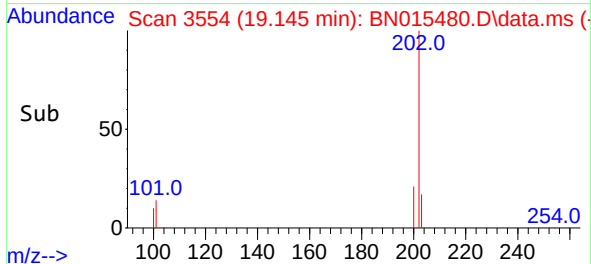
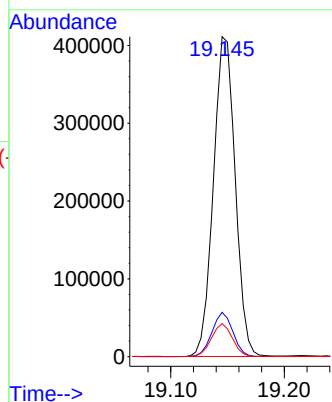
Instrument :
BNA_N
ClientSampled :
BGDT1



Tgt Ion:202 Resp: 548784
Ion Ratio Lower Upper
202 100
101 13.8 10.1 15.1
100 10.3 7.4 11.0

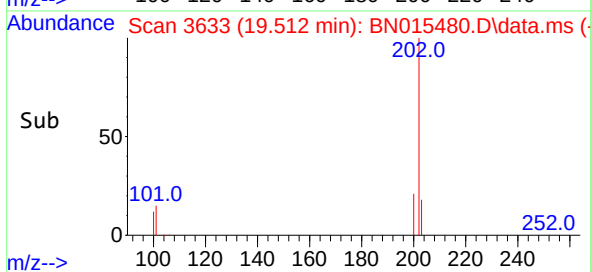
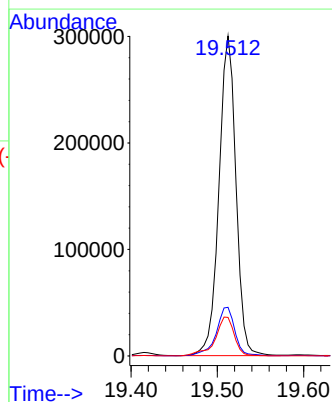
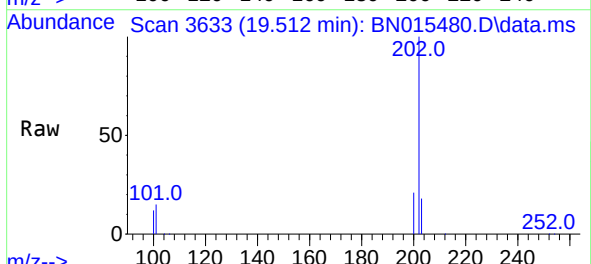
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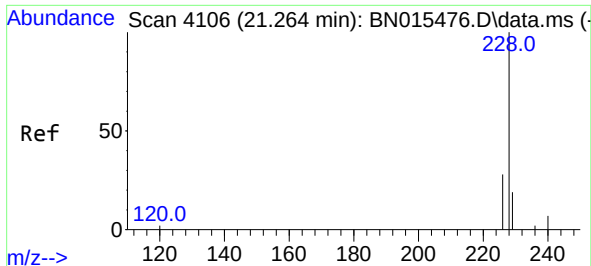
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#20
Pyrene
Concen: 8.043 ng/ul
RT: 19.512 min Scan# 3633
Delta R.T. -0.005 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:202 Resp: 411608
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.1 9.6 14.4





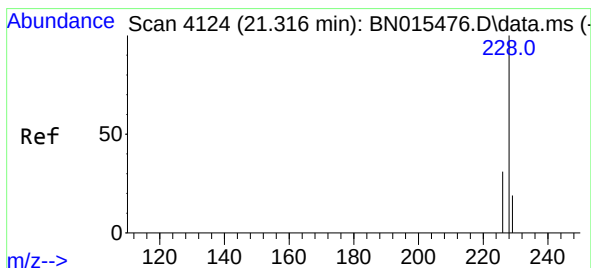
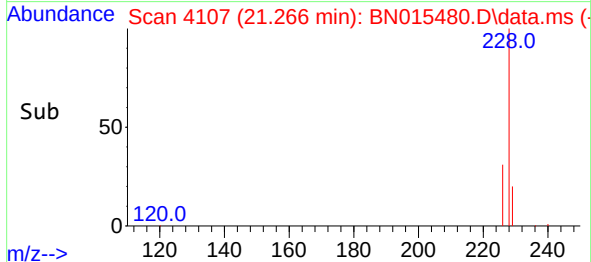
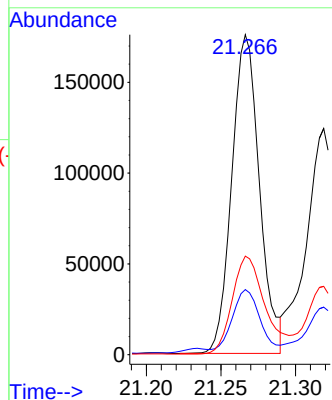
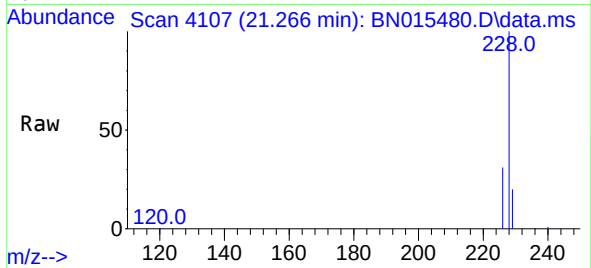
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Benzo(a)anthracene
Concen: 5.538 ng/u1
RT: 21.266 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:228 Resp: 226540
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 30.8 21.8 32.8

Instrument :
BNA_N
ClientSampled :
BGDT1

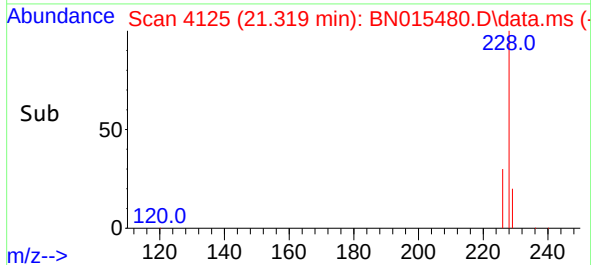
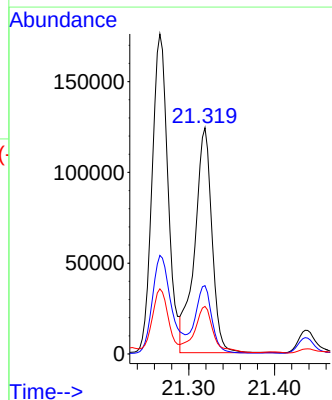
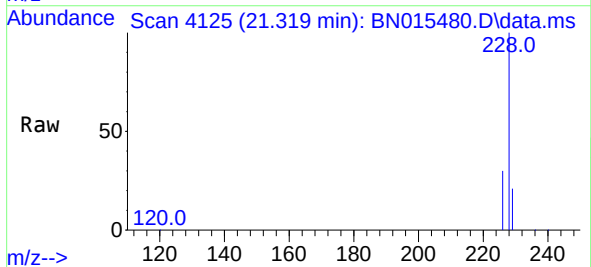
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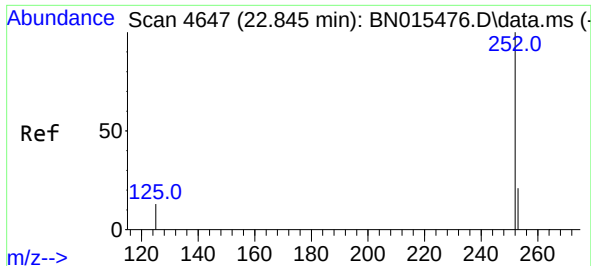
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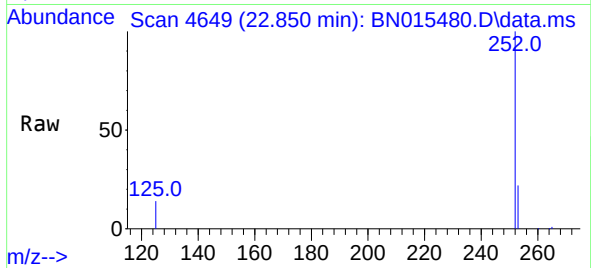
#22
Chrysene
Concen: 3.536 ng/u1
RT: 21.319 min Scan# 4125
Delta R.T. -0.003 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48

Tgt Ion:228 Resp: 173140
Ion Ratio Lower Upper
228 100
226 30.2 24.6 37.0
229 21.0 15.7 23.5

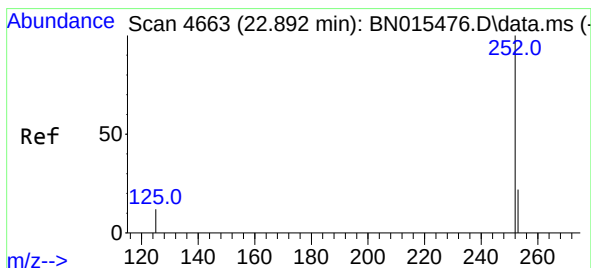
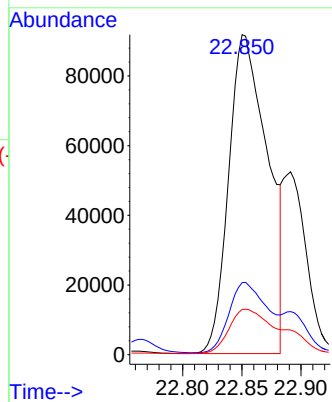
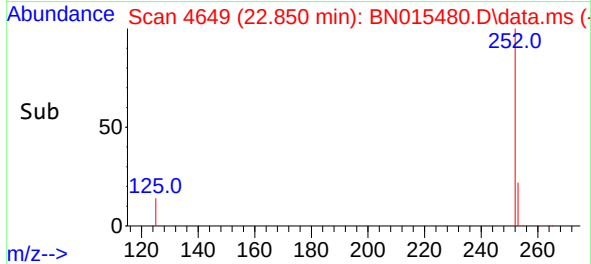




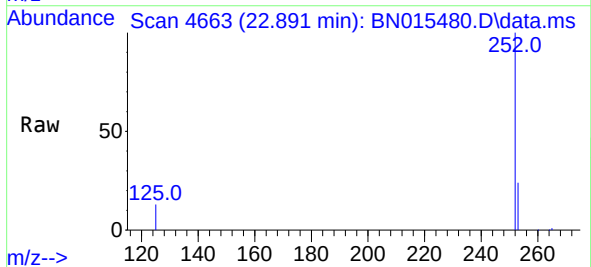
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Benzo(b)fluoranthene
Concen: 4.737 ng/ul m
RT: 22.850 min Scan# 4649
Delta R.T. -0.006 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



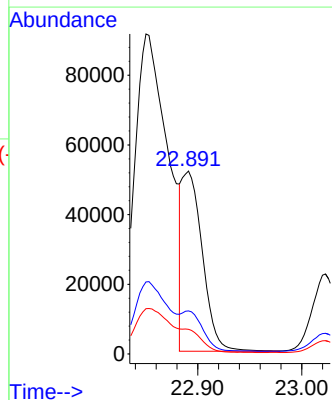
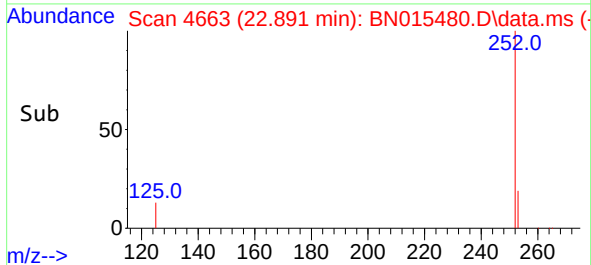
Tgt Ion:252 Resp: 209044
Ion Ratio Lower Upper
252 100
253 22.5 0.0 45.6
125 14.2 0.0 28.4



#25
Benzo(k)fluoranthene
Concen: 1.421 ng/ul m
RT: 22.891 min Scan# 4663
Delta R.T. -0.009 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



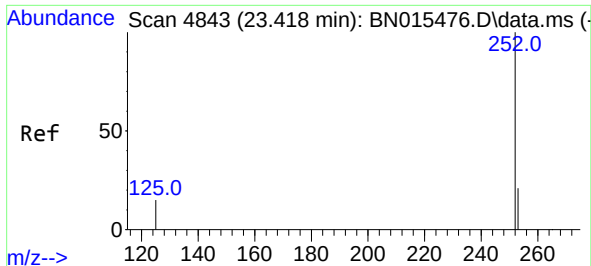
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Ion Ratio Lower Upper
252 100
253 23.5 18.1 27.1
125 13.5 11.5 17.3



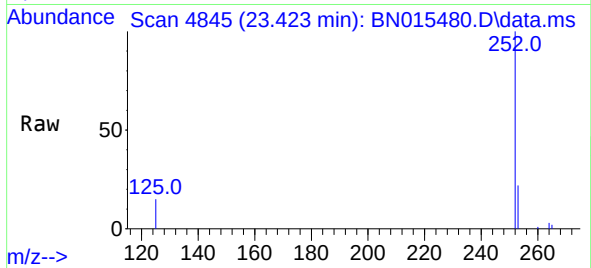
Instrument :
BNA_N
ClientSampled :
BGDT1

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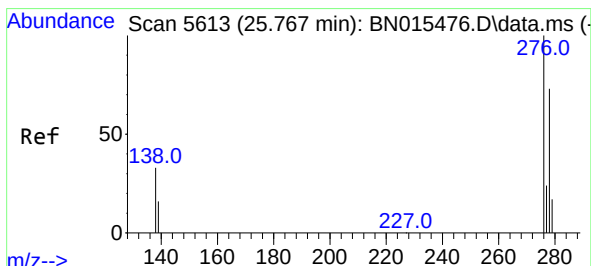
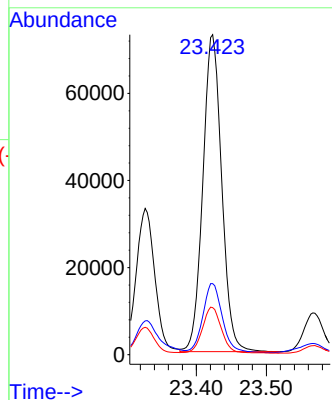
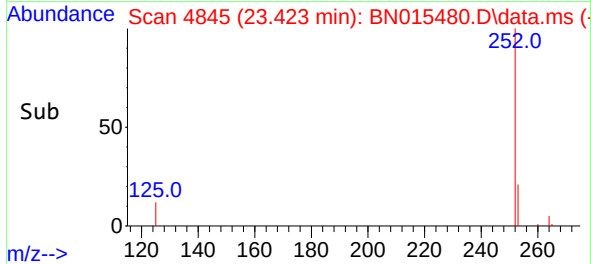
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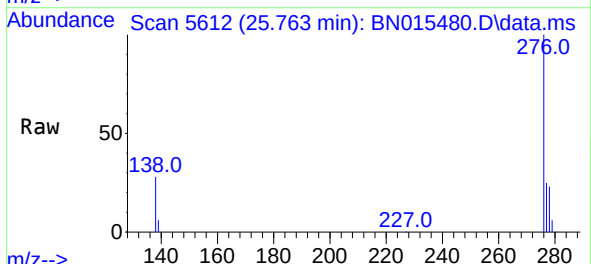
#26
Benzo(a)pyrene
Concen: 3.676 ng/ul
RT: 23.423 min Scan# 4845
Delta R.T. -0.006 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



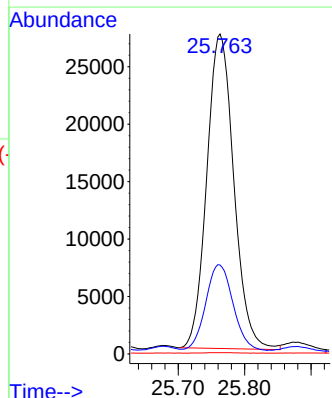
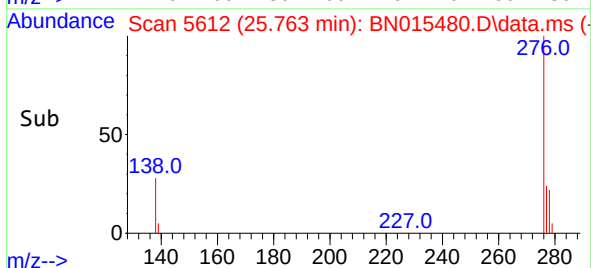
Tgt Ion:252 Resp: 136235
Ion Ratio Lower Upper
252 100
253 22.2 18.9 28.3
125 14.7 13.5 20.3



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.728 ng/ul
RT: 25.763 min Scan# 5612
Delta R.T. -0.013 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



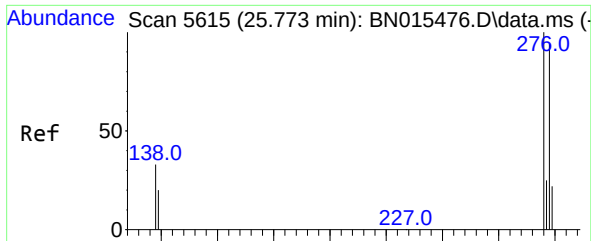
Tgt Ion:276 Resp: 77375
Ion Ratio Lower Upper
276 100
138 28.2 26.3 39.5
227 0.2 0.1 0.1#



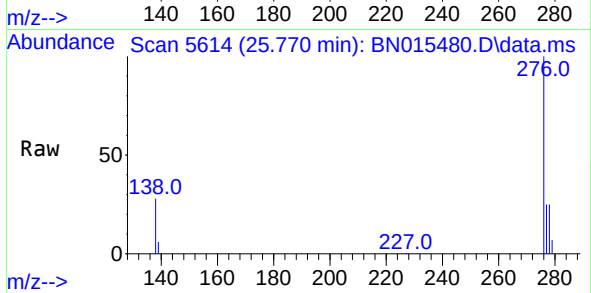
Instrument :
BNA_N
ClientSampled :
BGDT1

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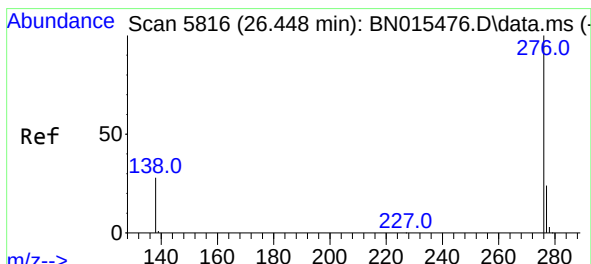
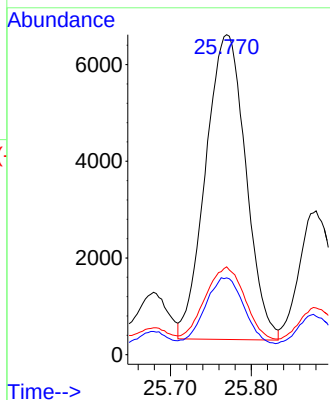
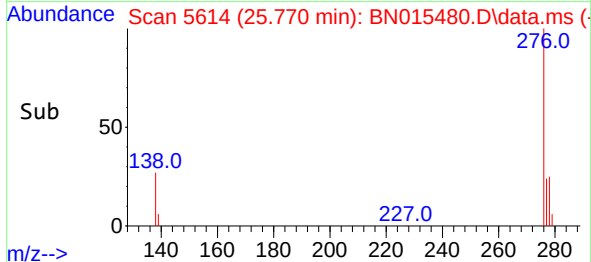
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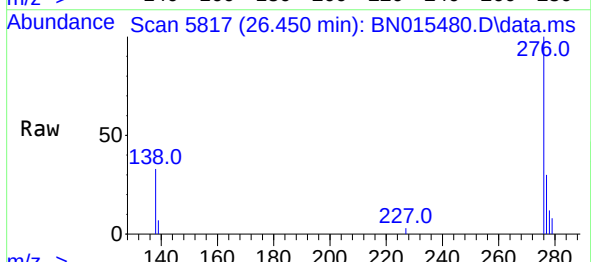
#28
Dibenzo(a,h)anthracene
Concen: 0.620 ng/ul
RT: 25.770 min Scan# 5614
Delta R.T. -0.020 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



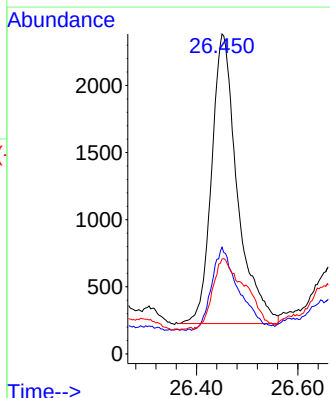
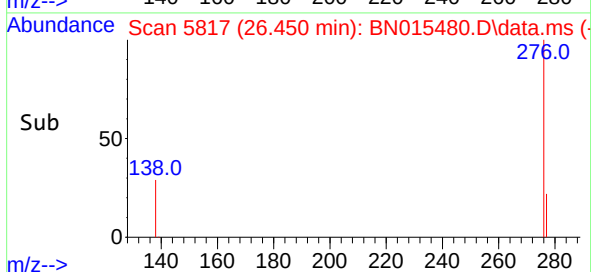
Tgt Ion:278 Resp: 21746
Ion Ratio Lower Upper
278 100
139 24.0 18.9 28.3
279 27.4 20.8 31.2



#29
Benzo(g,h,i)perylene
Concen: 0.183 ng/ul
RT: 26.450 min Scan# 5817
Delta R.T. -0.013 min
Lab File: BN015480.D
Acq: 10 Jul 2021 12:48



Tgt Ion:276 Resp: 7592
Ion Ratio Lower Upper
276 100
138 33.3 23.0 34.4
277 29.7 19.3 28.9#



Instrument :
BNA_N
ClientSampled :
BGDT1

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