

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
 Data File : BN017154.D
 Acq On : 28 Oct 2021 14:08
 Operator : CG/JU
 Sample : M4205-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B12

Manual Integrations
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Quant Time: Oct 28 14:38:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 28 12:50:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.531	152	3597	0.400	ng/ul	0.00
4) Naphthalene-d8	10.304	136	14182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.183	164	8752	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.935	188	19897	0.400	ng/ul	0.00
17) Chrysene-d12	21.149	240	20771	0.400	ng/ul	0.00
23) Perylene-d12	23.352	264	20589	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.054	96	1392	0.348	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.904	152	3306	0.160	ng/ul	0.00
18) Fluoranthene-d10	18.974	212	9597	0.176	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.354	128	4524	0.115	ng/ul	97
7) 2-Methylnaphthalene	11.981	142	3684	0.136	ng/ul	100
8) 1-Methylnaphthalene	12.201	142	3871	0.139	ng/ul	99
10) Acenaphthylene	13.896	152	8462	0.244	ng/ul	98
11) Acenaphthene	14.243	153	1327	0.044	ng/ul	96
12) Fluorene	15.238	166	4526	0.128	ng/ul#	96
15) Phenanthrene	16.977	178	107603	1.705	ng/ul	99
16) Anthracene	17.070	178	3844	0.073	ng/ul#	95
19) Fluoranthene	19.007	202	151883	2.044	ng/ul	99
20) Pyrene	19.369	202	120403	1.579	ng/ul	97
21) Benzo(a)anthracene	21.134	228	41250	0.606	ng/ul	97
22) Chrysene	21.184	228	61675	0.800	ng/ul	98
24) Benzo(b)fluoranthene	22.695	252	79374m	1.034	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	31012m	0.356	ng/ul	
26) Benzo(a)pyrene	23.253	252	45290	0.658	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.564	276	38243	0.392	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.578	278	9109	0.118	ng/ul#	86
29) Benzo(g,h,i)perylene	26.242	276	31692	0.383	ng/ul	98

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

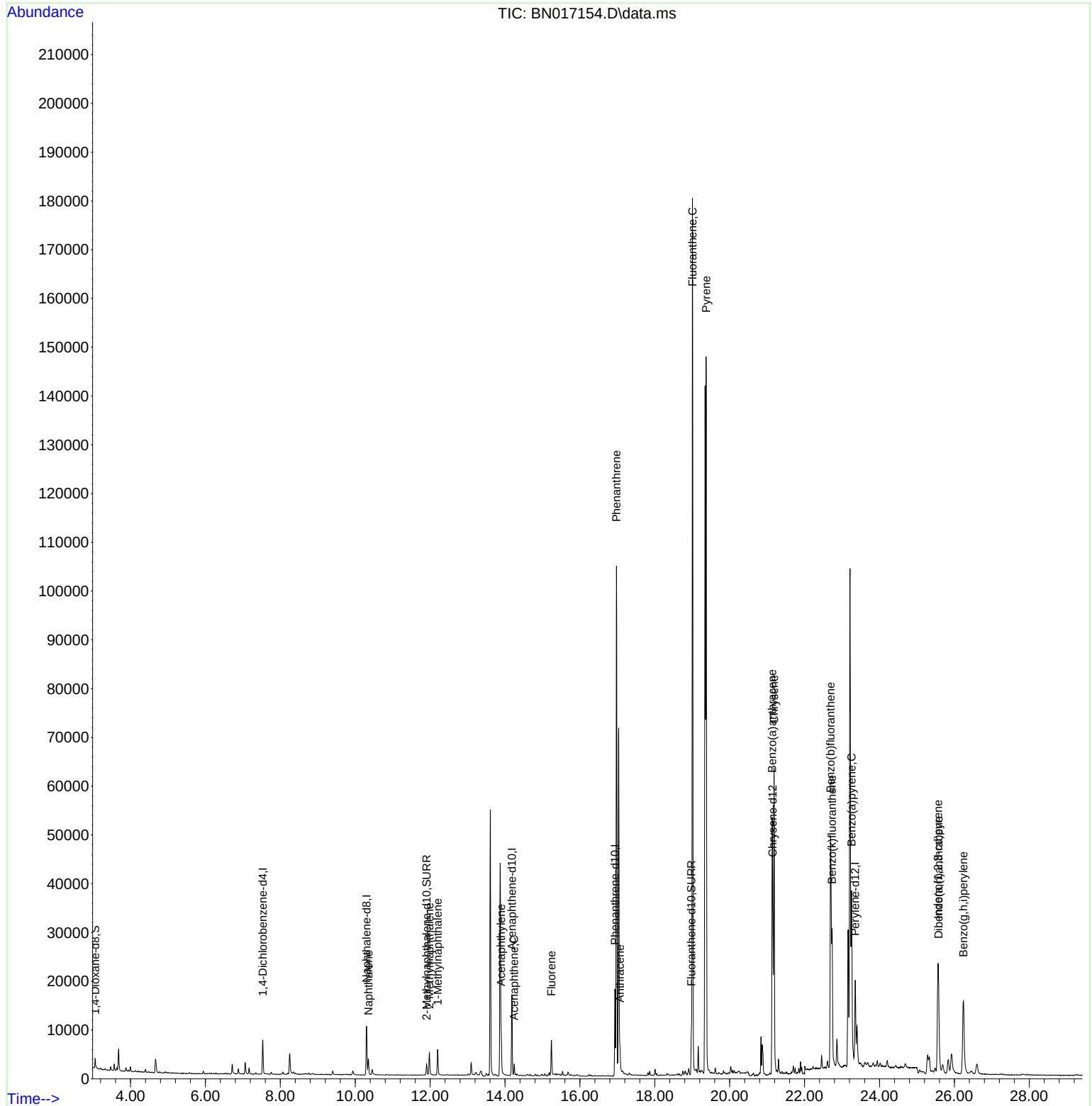
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102721\
Data File : BN017154.D
Acq On : 28 Oct 2021 14:08
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Misc :
ALS Vial : 27 Sample Multiplier: 1

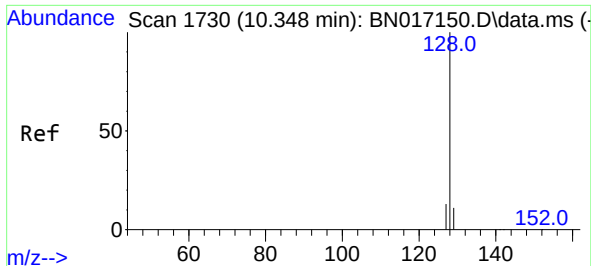
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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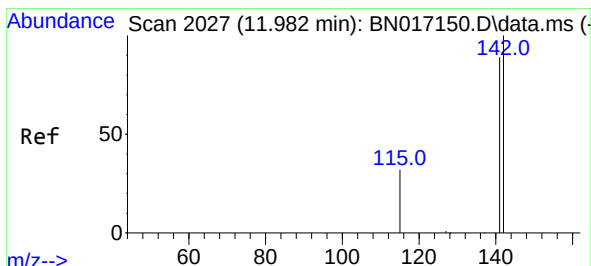
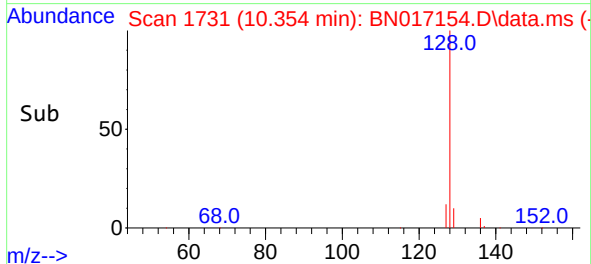
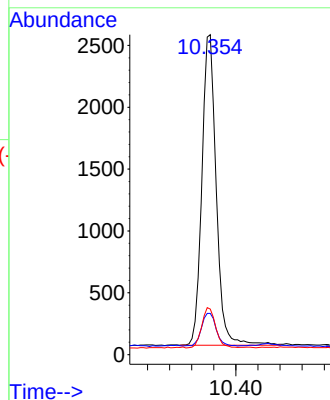
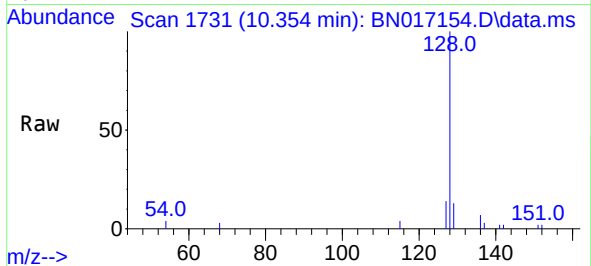
#5
Naphthalene
Concen: 0.115 ng/ul
RT: 10.354 min Scan# 1731
Delta R.T. 0.005 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:	128	Resp:	4524
Ion Ratio	Lower	Upper	
128	100		
129	12.9	9.2	13.8
127	14.2	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0B12

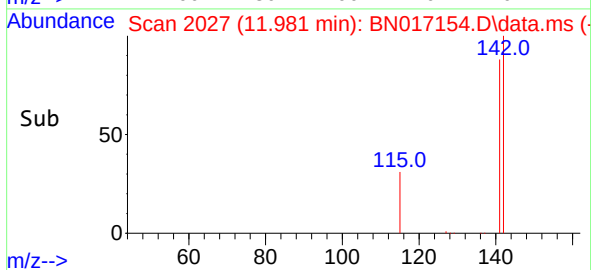
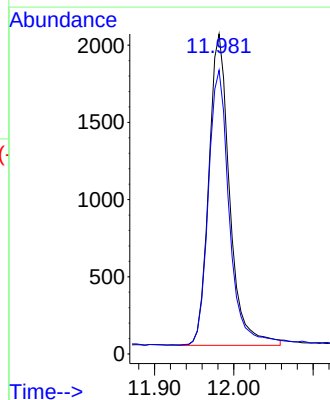
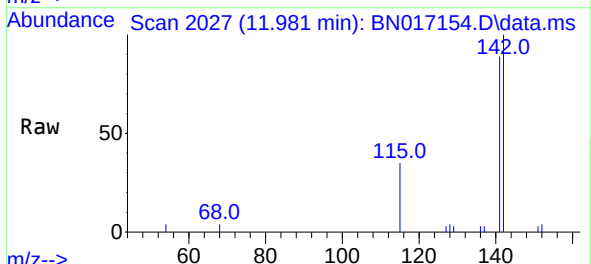
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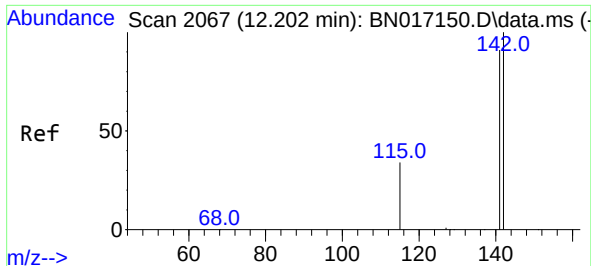
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#7
2-Methylnaphthalene
Concen: 0.136 ng/ul
RT: 11.981 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:	142	Resp:	3684
Ion Ratio	Lower	Upper	
142	100		
141	88.7	71.0	106.4





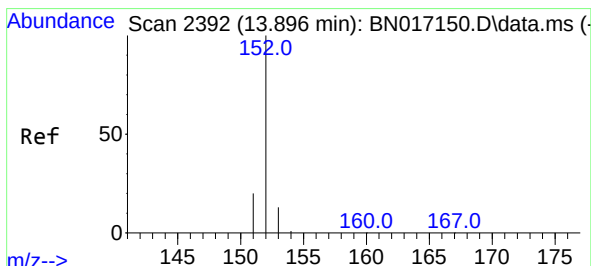
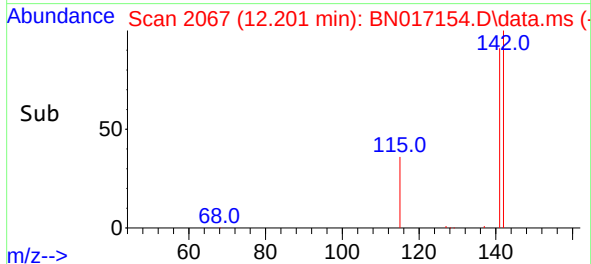
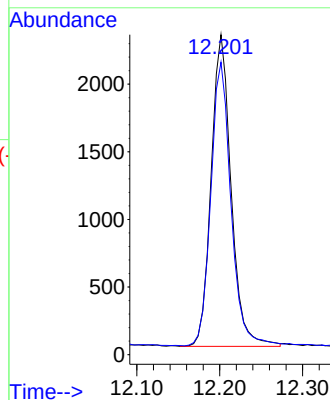
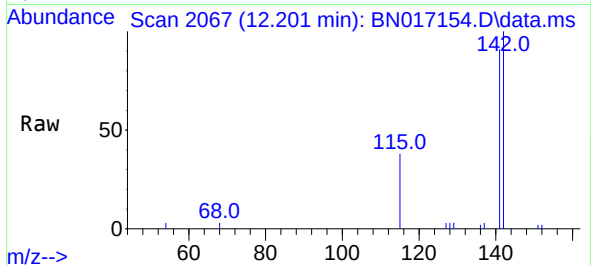
#8
1-Methylnaphthalene
Concen: 0.139 ng/ul
RT: 12.201 min Scan# 2067
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:142 Resp: 3871
Ion Ratio Lower Upper
142 100
141 91.7 73.8 110.8

Instrument :
BNA_N
ClientSampleId :
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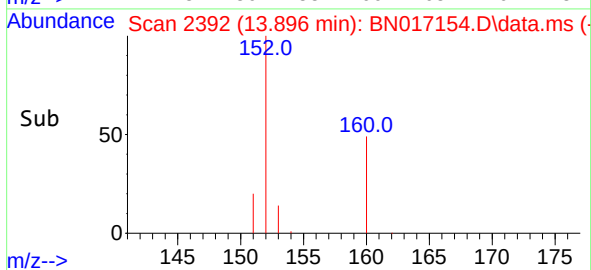
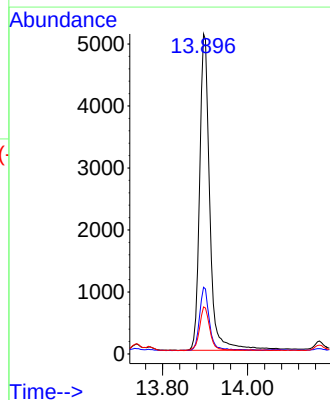
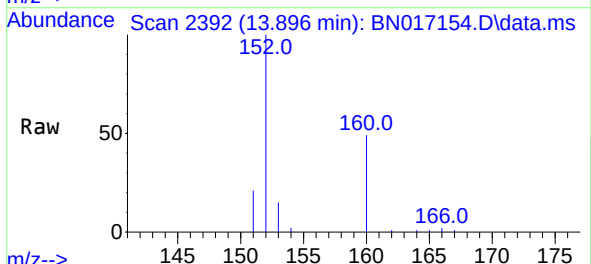
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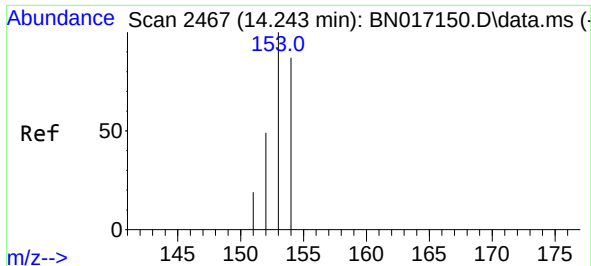
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#10
Acenaphthylene
Concen: 0.244 ng/ul
RT: 13.896 min Scan# 2392
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

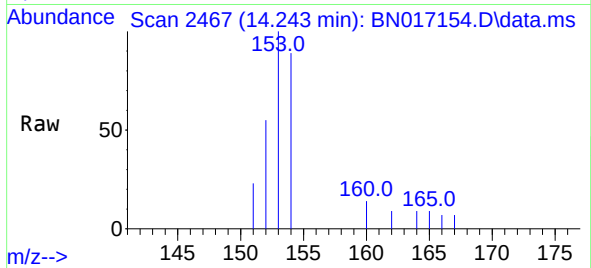
Tgt Ion:152 Resp: 8462
Ion Ratio Lower Upper
152 100
151 20.8 16.0 24.0
153 14.7 10.8 16.2



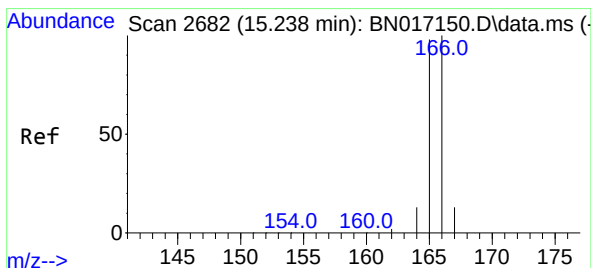
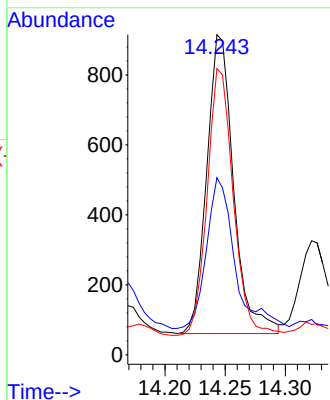
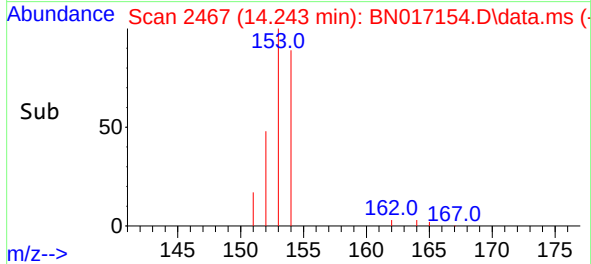


#11
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.243 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

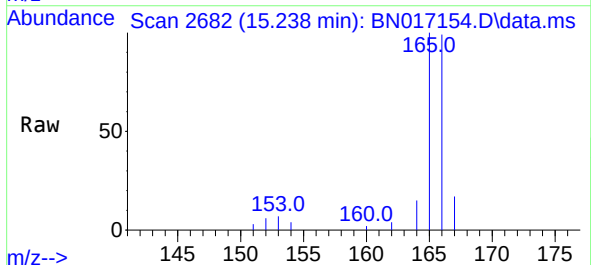
Instrument :
BNA_N
ClientSampleId :
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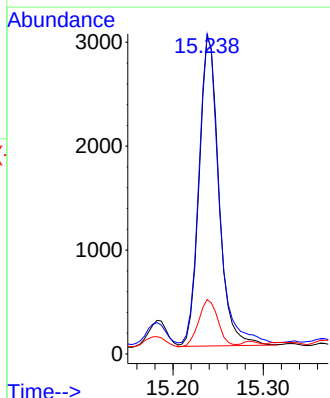
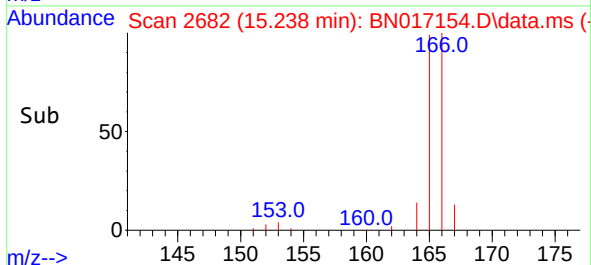
Tgt Ion:153 Resp: 1327
Ion Ratio Lower Upper
153 100
152 55.3 39.5 59.3
154 89.4 70.0 105.0

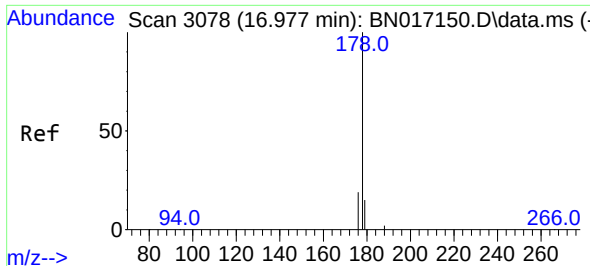


#12
Fluorene
Concen: 0.128 ng/ul
RT: 15.238 min Scan# 2682
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08



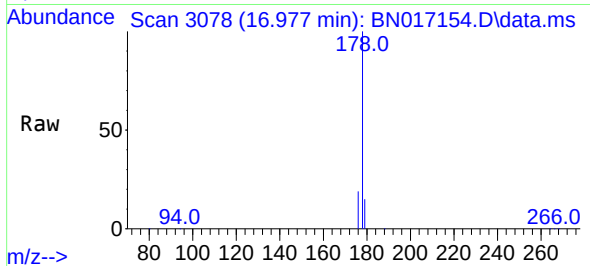
Tgt Ion:166 Resp: 4526
Ion Ratio Lower Upper
166 100
165 100.6 77.7 116.5
167 17.1 11.1 16.7#





#15
Phenanthrene
Concen: 1.705 ng/u1
RT: 16.977 min Scan# 3078
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

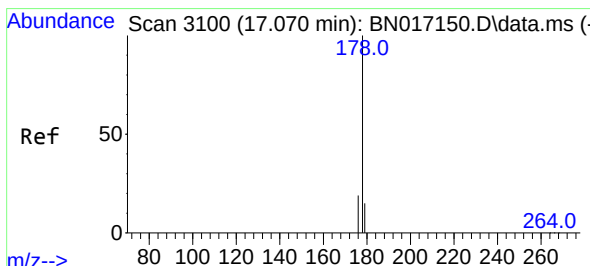
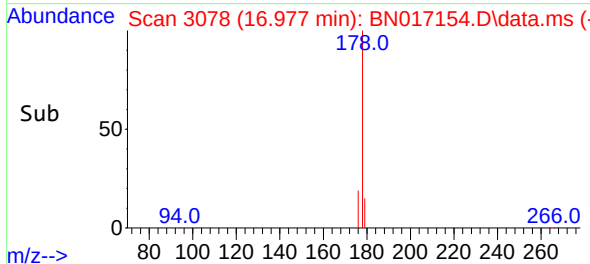
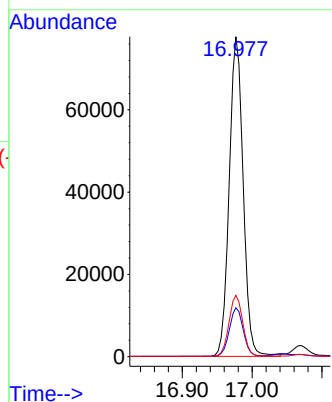
Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:178 Resp: 107603
Ion Ratio Lower Upper
178 100
179 15.3 12.6 19.0
176 19.1 15.5 23.3

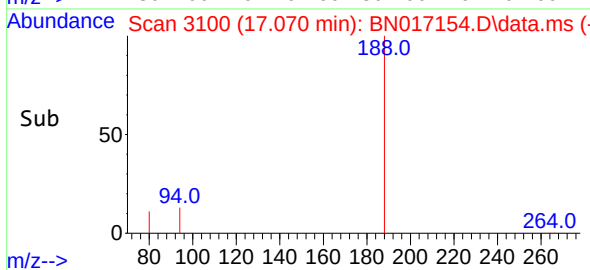
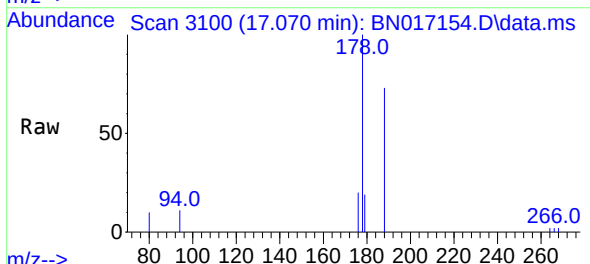
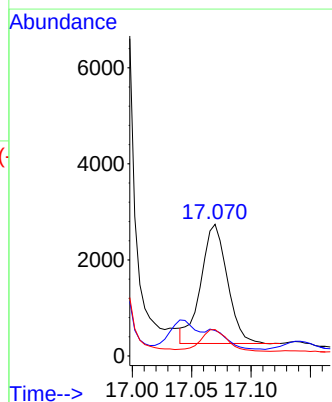
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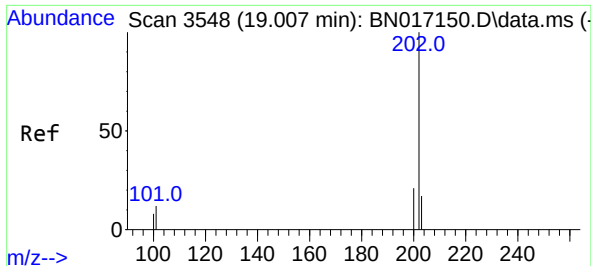
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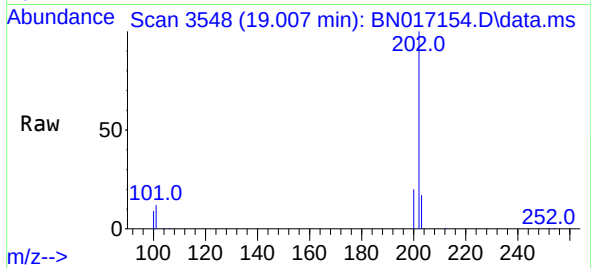
#16
Anthracene
Concen: 0.073 ng/u1
RT: 17.070 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:178 Resp: 3844
Ion Ratio Lower Upper
178 100
179 19.4 12.6 19.0#
176 20.1 15.2 22.8

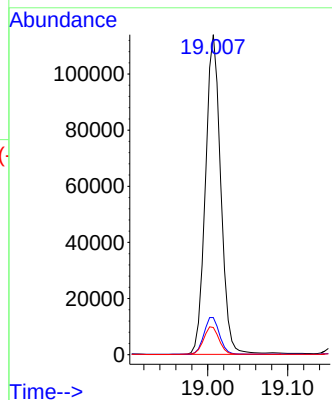




#19
Fluoranthene
Concen: 2.044 ng/u1
RT: 19.007 min Scan# 3548
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08



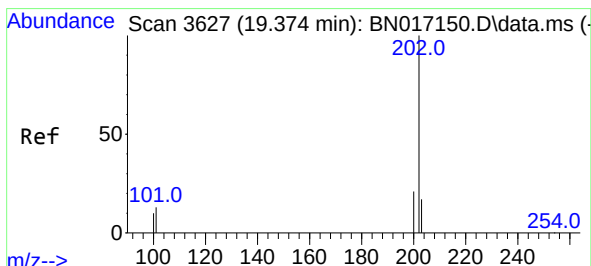
Tgt Ion:202 Resp: 151883
Ion Ratio Lower Upper
202 100
101 11.6 9.7 14.5
100 8.5 7.2 10.8



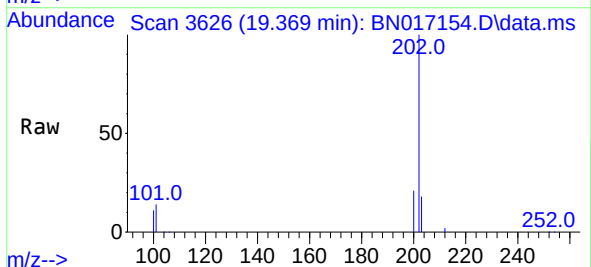
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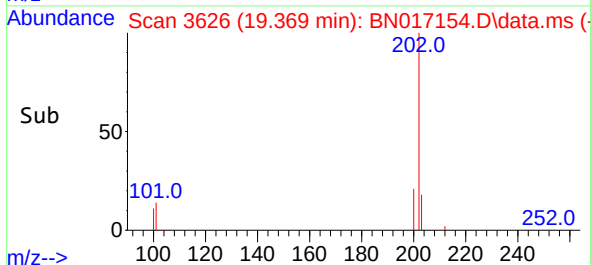
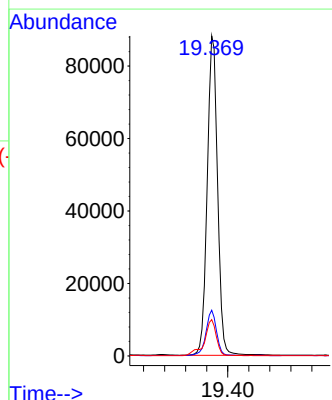
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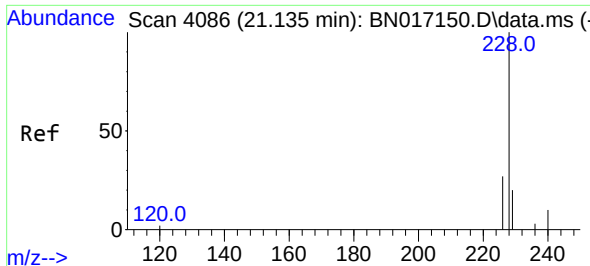


#20
Pyrene
Concen: 1.579 ng/u1
RT: 19.369 min Scan# 3626
Delta R.T. -0.005 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08



Tgt Ion:202 Resp: 120403
Ion Ratio Lower Upper
202 100
101 14.3 10.3 15.5
100 11.3 8.2 12.2





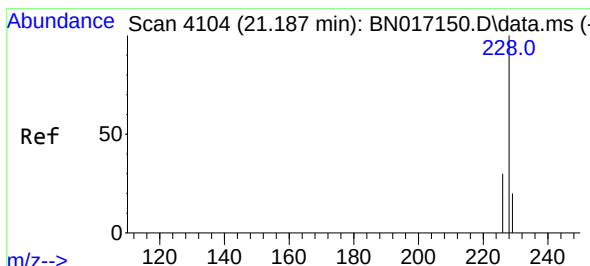
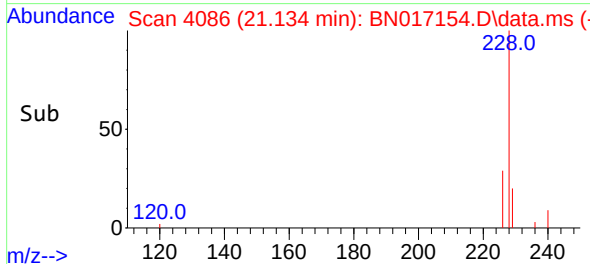
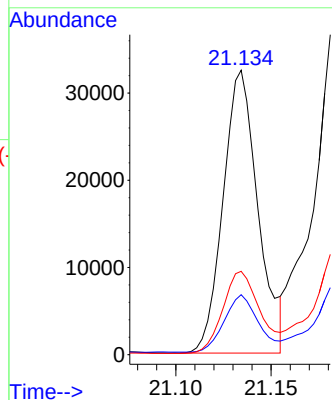
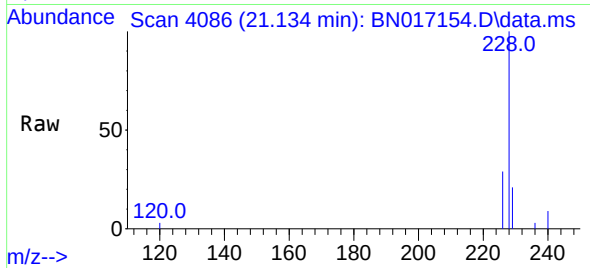
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Benzo(a)anthracene
Concen: 0.606 ng/u1
RT: 21.134 min Scan# 4086
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:228 Resp: 41250
Ion Ratio Lower Upper
228 100
229 21.1 16.1 24.1
226 29.3 21.7 32.5

Instrument :
BNA_N
ClientSampled :
C0B12

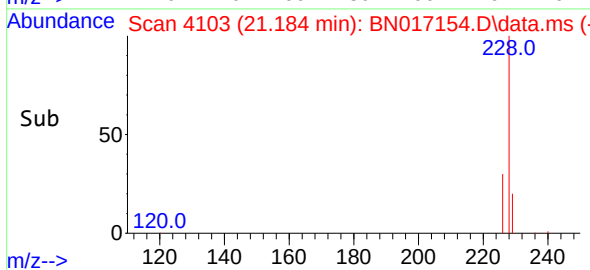
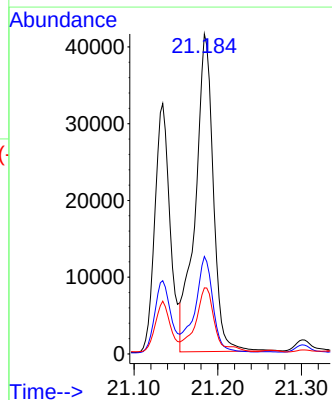
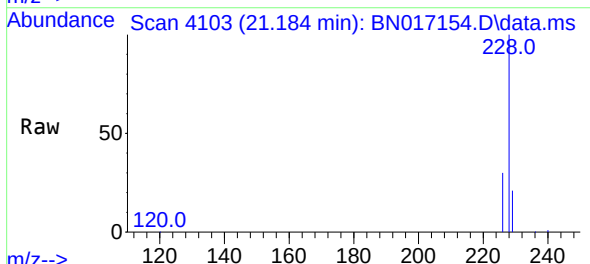
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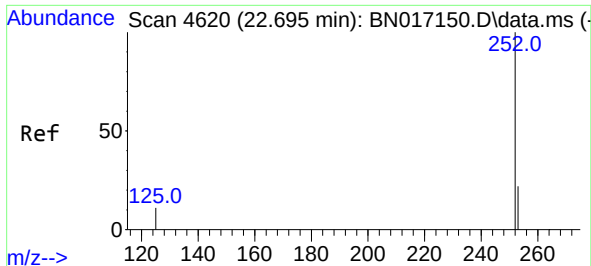
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#22
Chrysene
Concen: 0.800 ng/u1
RT: 21.184 min Scan# 4103
Delta R.T. -0.003 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:228 Resp: 61675
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 20.7 15.4 23.2





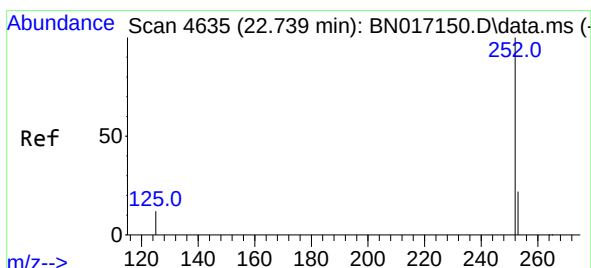
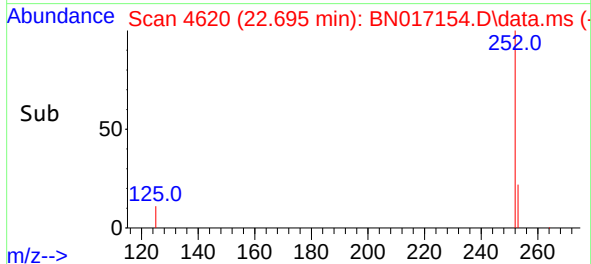
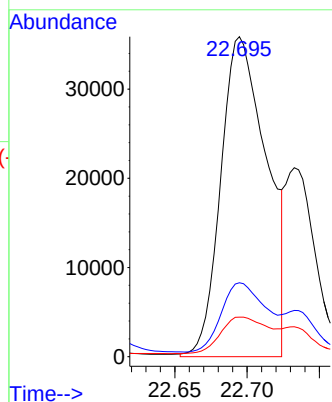
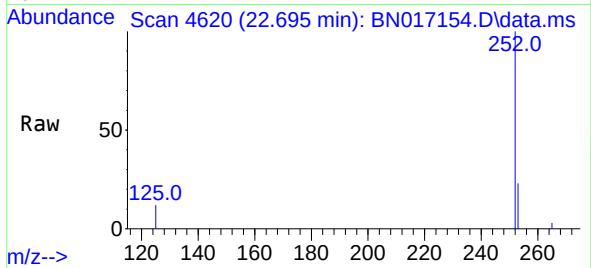
#24
Benzo(b)fluoranthene
Concen: 1.034 ng/ul m
RT: 22.695 min Scan# 4620
Delta R.T. -0.000 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:252 Resp: 79374
Ion Ratio Lower Upper
252 100
253 23.1 0.0 46.8
125 12.4 0.0 23.8

Instrument :
BNA_N
ClientSampleId :
C0B12

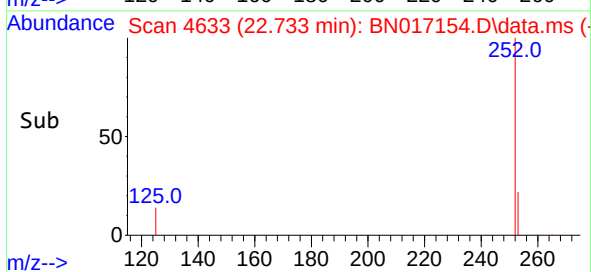
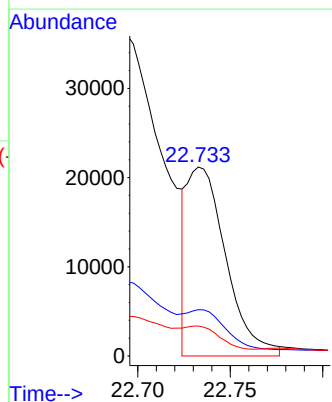
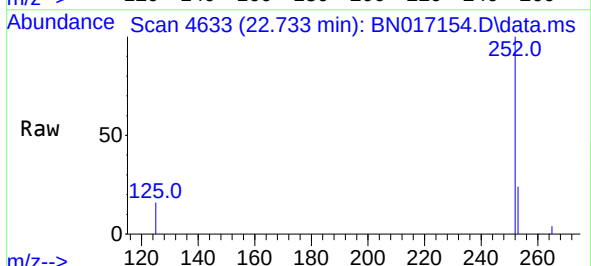
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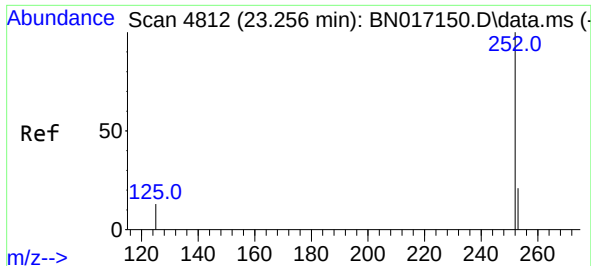
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#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul m
RT: 22.733 min Scan# 4633
Delta R.T. -0.006 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:252 Resp: 31012
Ion Ratio Lower Upper
252 100
253 24.4 18.3 27.5
125 15.9 10.0 15.0#





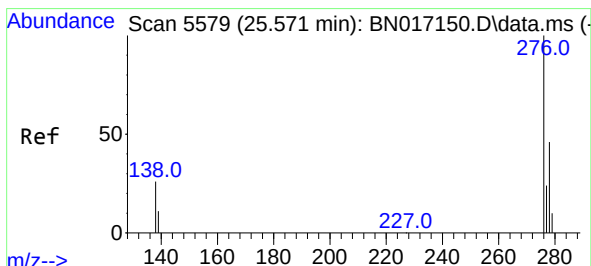
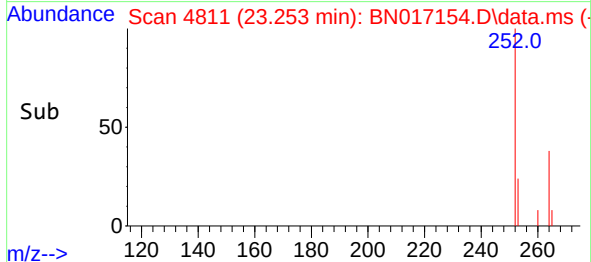
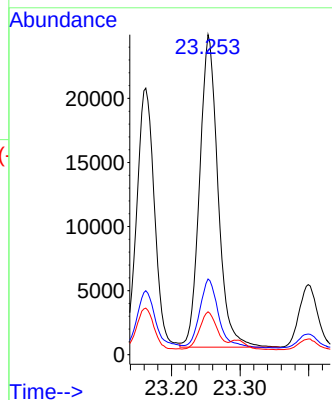
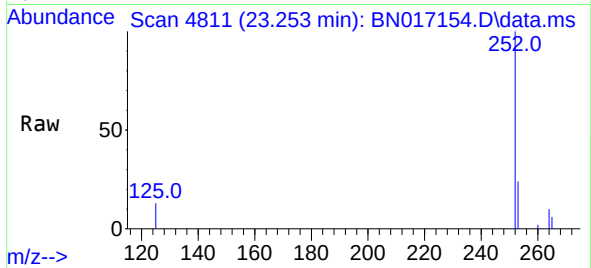
#26
Benzo(a)pyrene
Concen: 0.658 ng/ul
RT: 23.253 min Scan# 4811
Delta R.T. -0.003 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:	252	Resp:	45290
Ion Ratio	Lower	Upper	
252	100		
253	23.6	19.3	28.9
125	13.4	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0B12

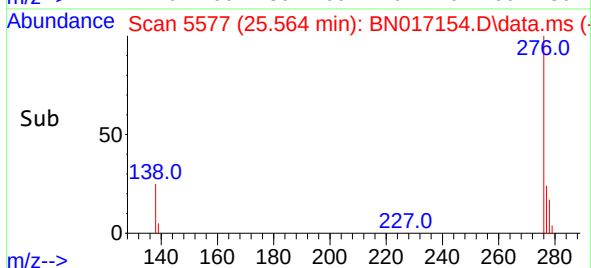
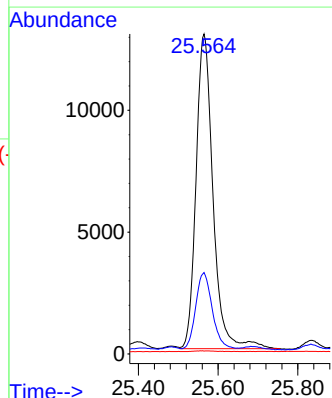
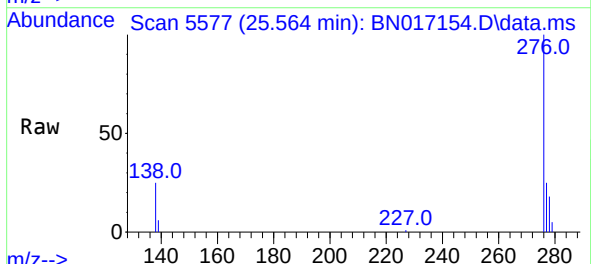
Manual Integrations
APPROVED

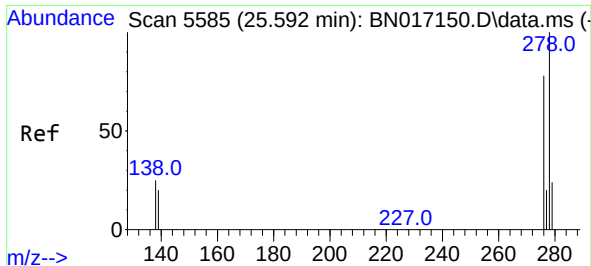
mohammad
10/29/2021 2:23:58 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng/ul
RT: 25.564 min Scan# 5577
Delta R.T. -0.007 min
Lab File: BN017154.D
Acq: 28 Oct 2021 14:08

Tgt Ion:	276	Resp:	38243
Ion Ratio	Lower	Upper	
276	100		
138	24.1	22.2	33.4
227	0.2	0.0	0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.118 ng/ul

RT: 25.578 min Scan# 5581

Delta R.T. -0.014 min

Lab File: BN017154.D

Acq: 28 Oct 2021 14:08

Tgt Ion:	278	Resp:	9109
Ion Ratio	Lower	Upper	
278	100		
139	27.9	15.4	23.0#
279	29.0	19.5	29.3

Instrument :

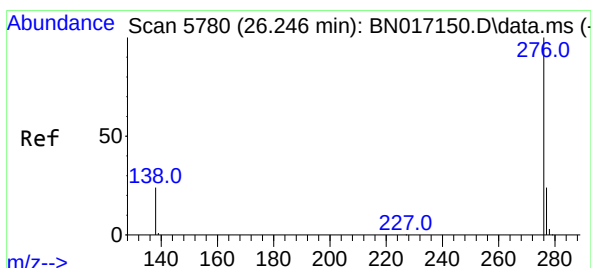
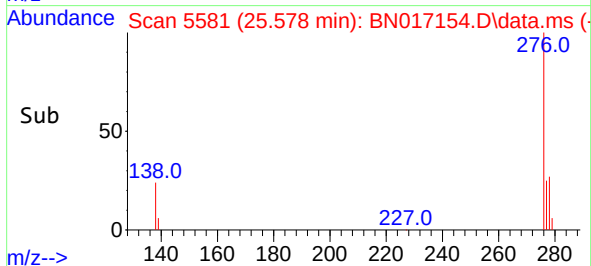
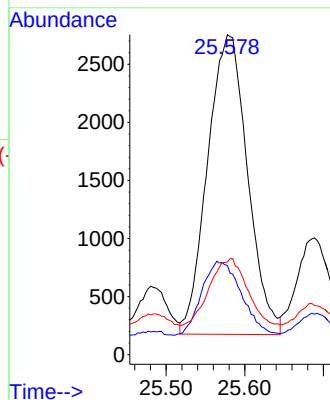
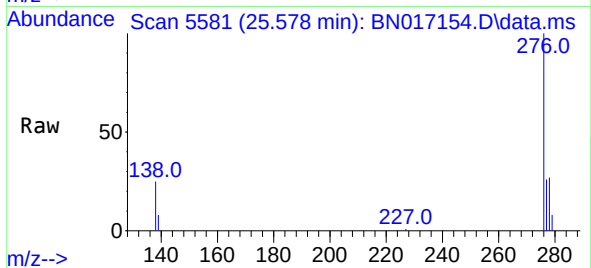
BNA_N

ClientSampleId :

C0B12

Manual Integrations
APPROVED

mohammad
10/29/2021 2:23:58 PM



#29

Benzo(g,h,i)perylene

Concen: 0.383 ng/ul

RT: 26.242 min Scan# 5779

Delta R.T. -0.004 min

Lab File: BN017154.D

Acq: 28 Oct 2021 14:08

Tgt Ion:	276	Resp:	31692
Ion Ratio	Lower	Upper	
276	100		
138	25.6	19.2	28.8
277	24.6	19.0	28.6

