

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017042.D
 Acq On : 21 Oct 2021 11:52
 Operator : CG/JU
 Sample : M4182-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B52

Manual Integrations
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Quant Time: Oct 21 12:47:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 21 10:28:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.548	152	1784	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	7130	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	4290	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.951	188	9946	0.400	ng/ul	0.00
17) Chrysene-d12	21.161	240	11120	0.400	ng/ul	0.00
23) Perylene-d12	23.373	264	13008	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.075	96	5603	2.890	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1847	0.182	ng/ul	0.00
18) Fluoranthene-d10	18.988	212	5424	0.197	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	3224	0.149	ng/ul	95
7) 2-Methylnaphthalene	11.998	142	2939	0.219	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	2522	0.184	ng/ul	100
10) Acenaphthylene	13.915	152	1116	0.064	ng/ul#	84
15) Phenanthrene	16.994	178	7245	0.229	ng/ul	99
16) Anthracene	17.082	178	808	0.030	ng/ul#	78
19) Fluoranthene	19.021	202	10578	0.278	ng/ul	99
20) Pyrene	19.383	202	10741	0.274	ng/ul	99
21) Benzo(a)anthracene	21.146	228	5214m	0.144	ng/ul	
22) Chrysene	21.199	228	7445	0.180	ng/ul	97
24) Benzo(b)fluoranthene	22.712	252	11780m	0.241	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	4711m	0.087	ng/ul	
26) Benzo(a)pyrene	23.274	252	7185	0.164	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.595	276	9347	0.150	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.611	278	1771	0.036	ng/ul#	44
29) Benzo(g,h,i)perylene	26.275	276	8958	0.166	ng/ul	95

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

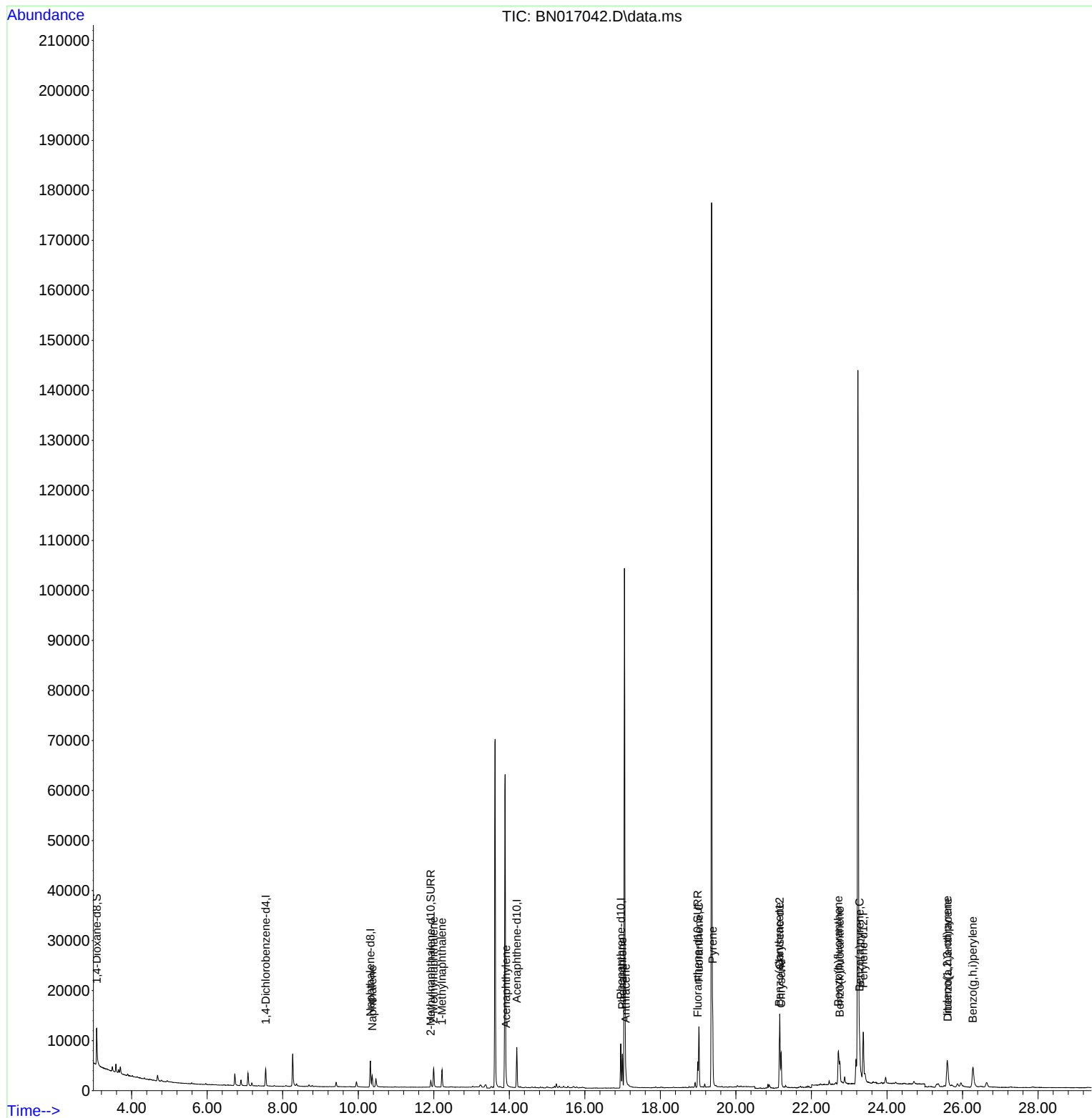
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
Data File : BN017042.D
Acq On : 21 Oct 2021 11:52
Operator : CG/JU
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ALS Vial : 7 Sample Multiplier: 1

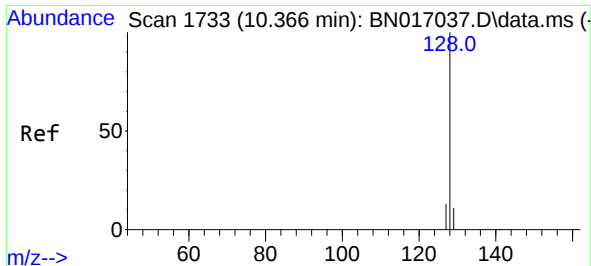
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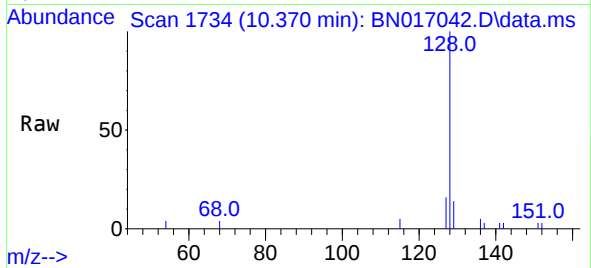
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Quant Time: Oct 21 12:47:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 21 10:28:56 2021
Response via : Initial Calibration

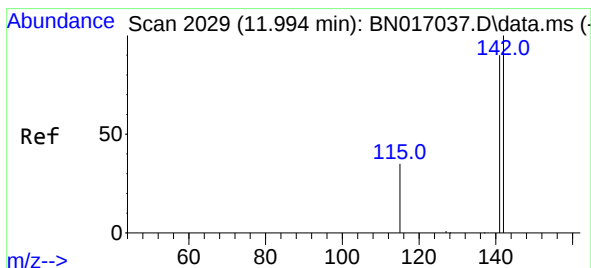
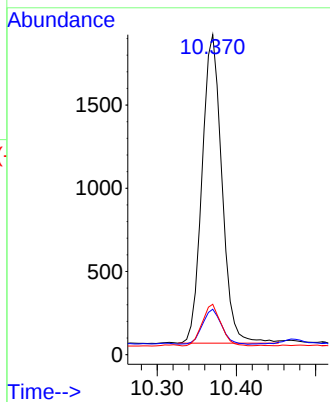
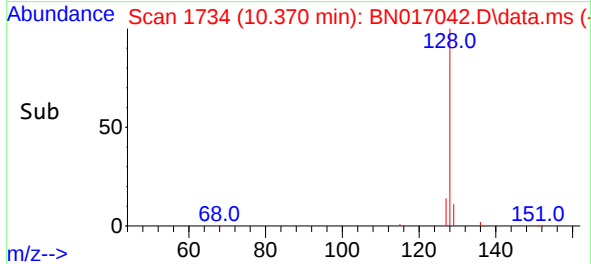




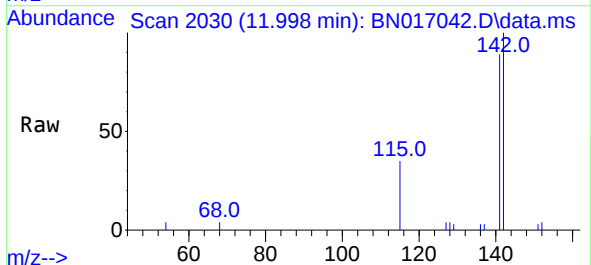
#5
Naphthalene
Concen: 0.149 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52



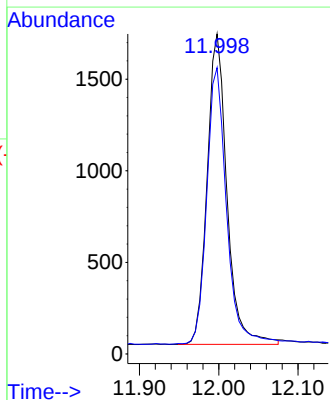
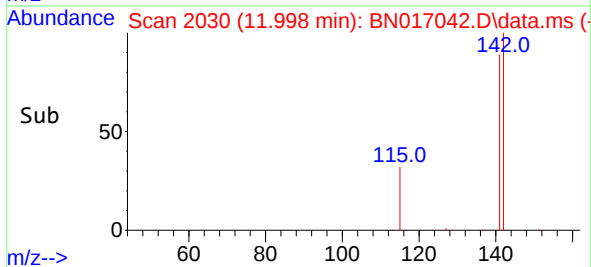
Tgt Ion:128 Resp: 3224
Ion Ratio Lower Upper
128 100
129 14.2 9.6 14.4
127 15.8 11.0 16.4



#7
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. 0.004 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52



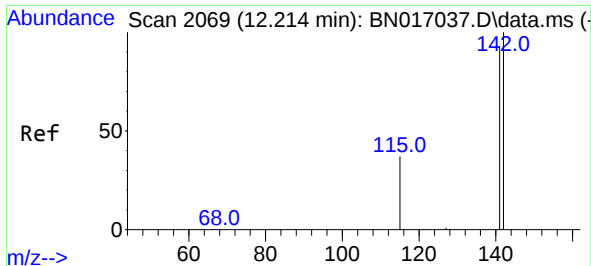
Tgt Ion:142 Resp: 2939
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



Instrument :
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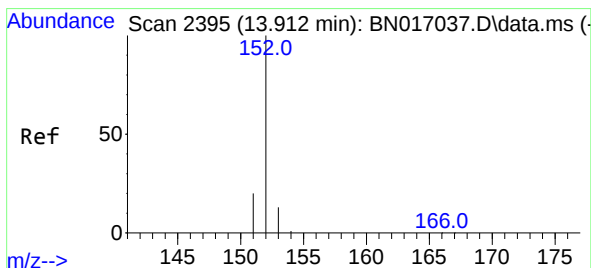
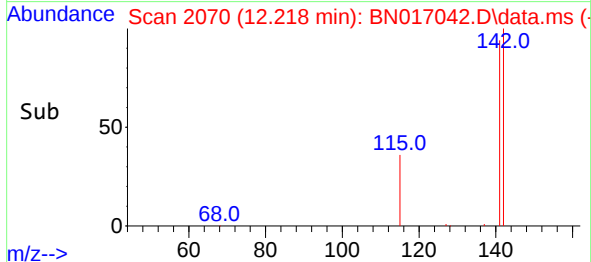
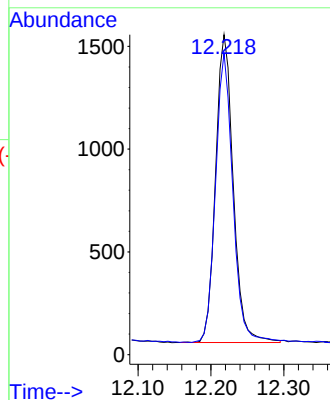
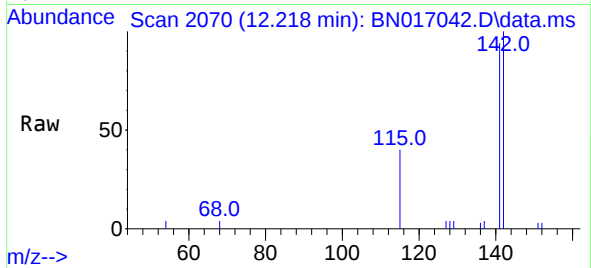
#8
1-Methylnaphthalene
Concen: 0.184 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BN017042.D
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Tgt Ion:142 Resp: 2522
Ion Ratio Lower Upper
142 100
141 92.3 73.7 110.5

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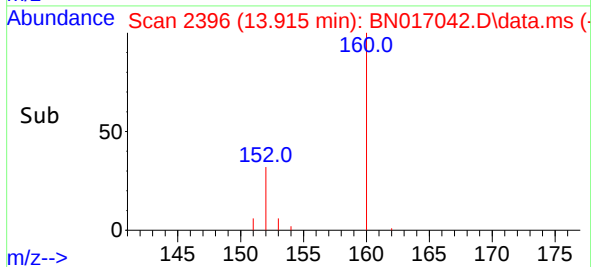
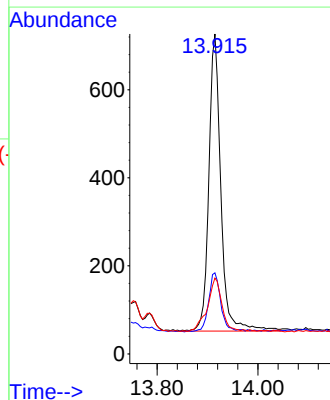
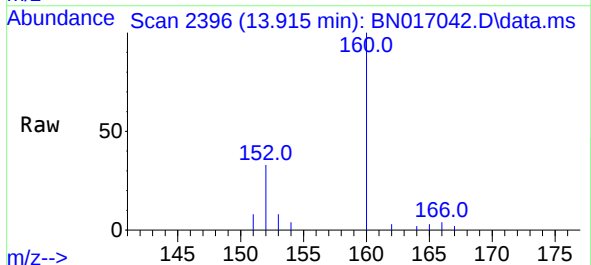
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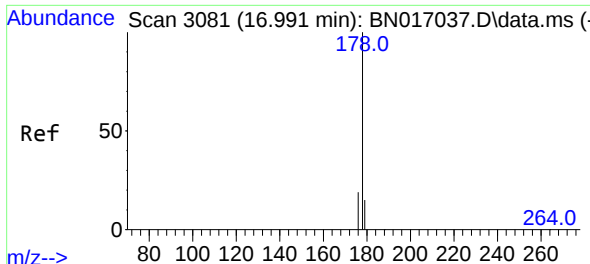
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#10
Acenaphthylene
Concen: 0.064 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. 0.003 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

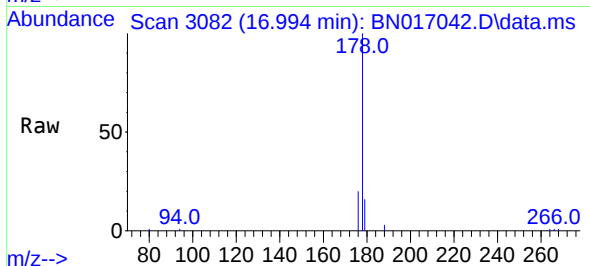
Tgt Ion:152 Resp: 1116
Ion Ratio Lower Upper
152 100
151 25.3 16.4 24.6#
153 23.7 11.3 16.9#





#15
Phenanthrene
Concen: 0.229 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. 0.002 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

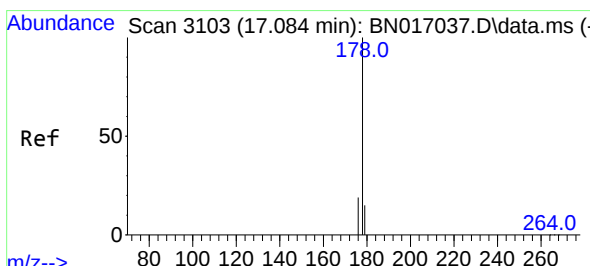
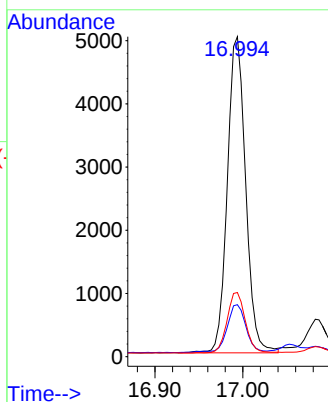
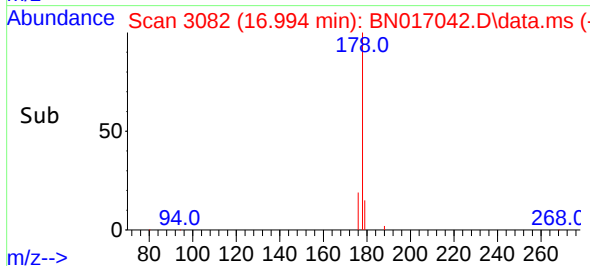
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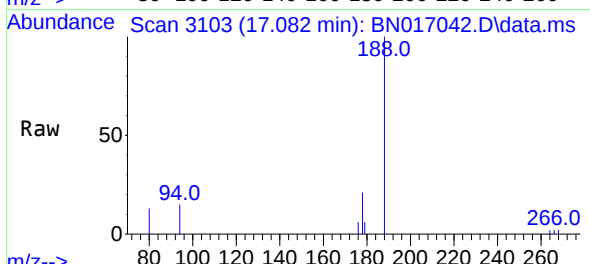
Tgt Ion:178 Resp: 7245
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.1 15.9 23.9

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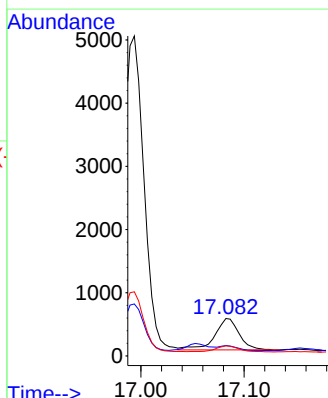
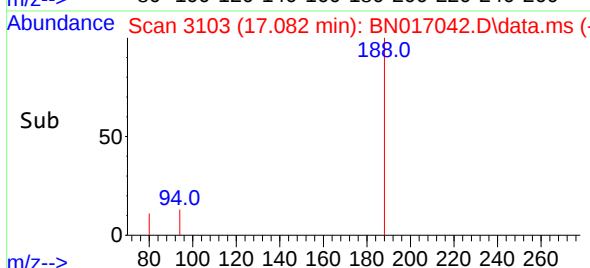
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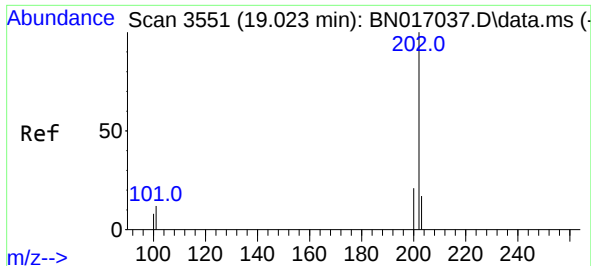


#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.082 min Scan# 3103
Delta R.T. -0.002 min
Lab File: BN017042.D
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Tgt Ion:178 Resp: 808
Ion Ratio Lower Upper
178 100
179 27.7 12.9 19.3#
176 26.8 15.0 22.6#





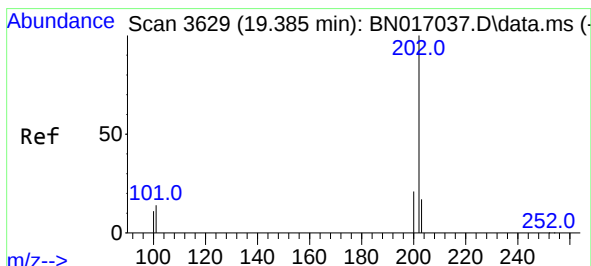
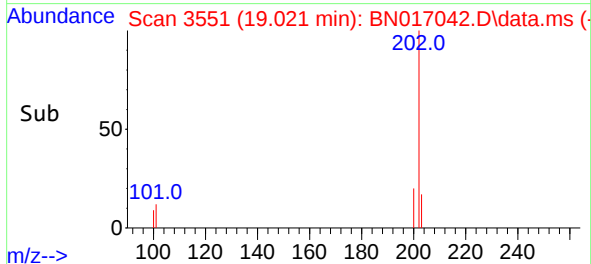
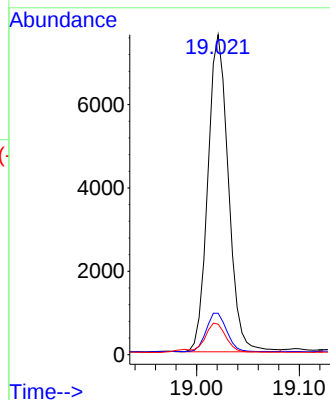
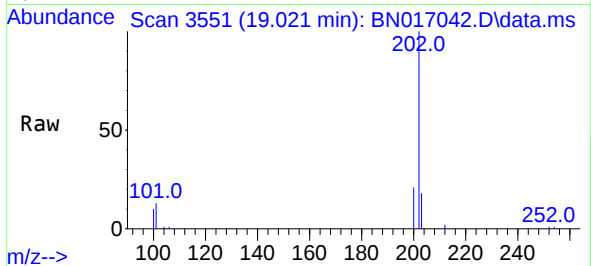
#19
Fluoranthene
Concen: 0.278 ng/ul
RT: 19.021 min Scan# 3551
Delta R.T. -0.002 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:	202	Resp:	10578
Ion Ratio	Lower	Upper	
202	100		
101	12.9	10.6	16.0
100	9.5	7.9	11.9

Instrument :
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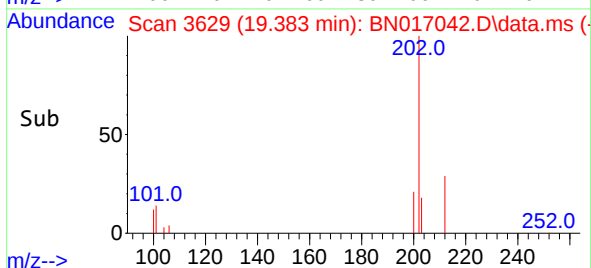
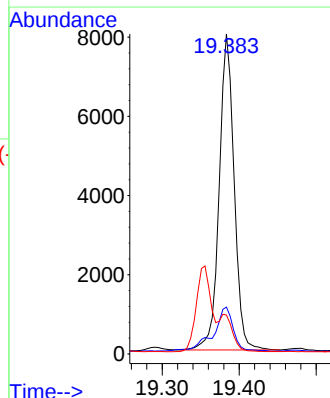
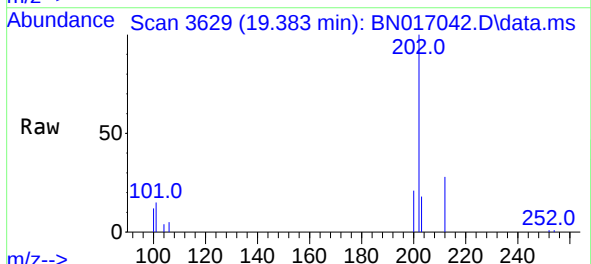
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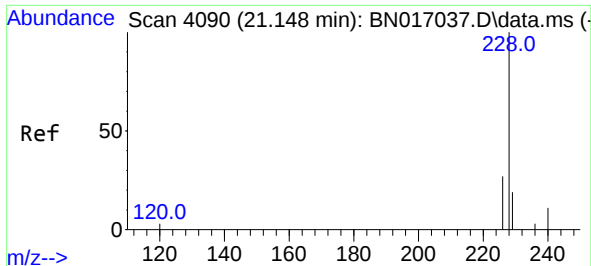
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#20
Pyrene
Concen: 0.274 ng/ul
RT: 19.383 min Scan# 3629
Delta R.T. -0.002 min
Lab File: BN017042.D
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Tgt Ion:	202	Resp:	10741
Ion Ratio	Lower	Upper	
202	100		
101	14.7	11.6	17.4
100	12.2	9.3	13.9





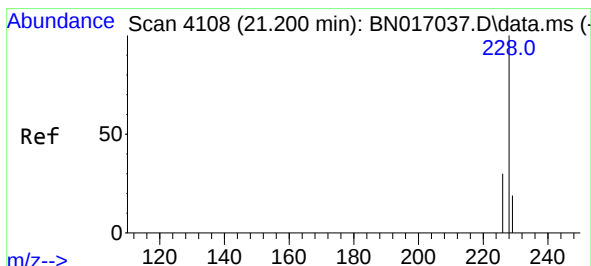
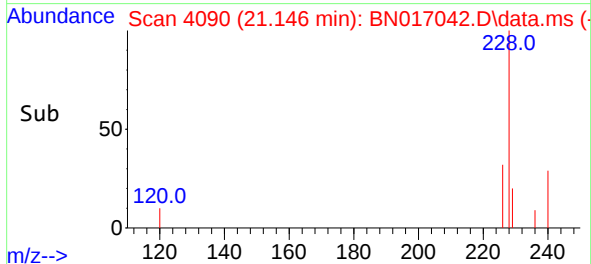
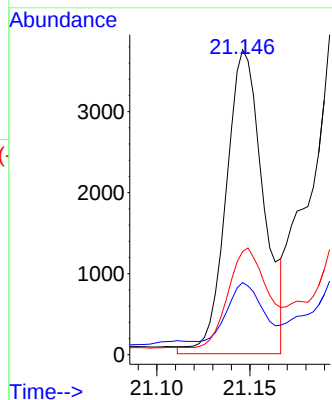
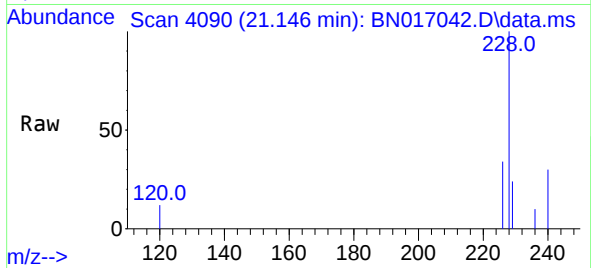
#21
Benzo(a)anthracene
Concen: 0.144 ng/ul m
RT: 21.146 min Scan# 4090
Delta R.T. -0.002 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:	228	Resp:	5214
Ion Ratio	Lower	Upper	
228	100		
229	23.7	15.9	23.9
226	33.8	22.0	33.0#

Instrument :
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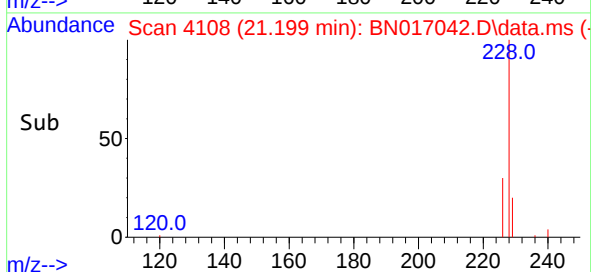
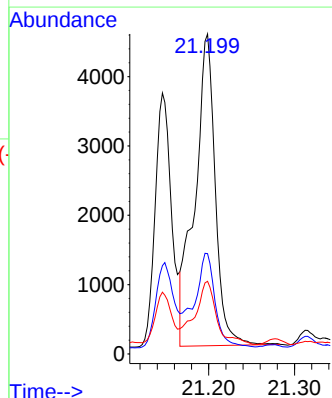
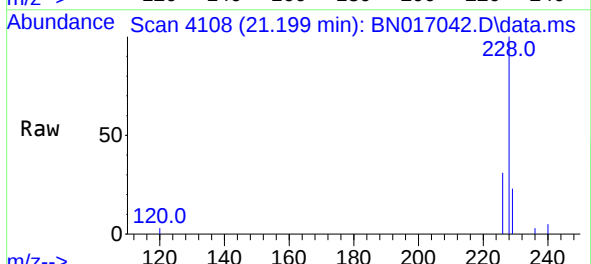
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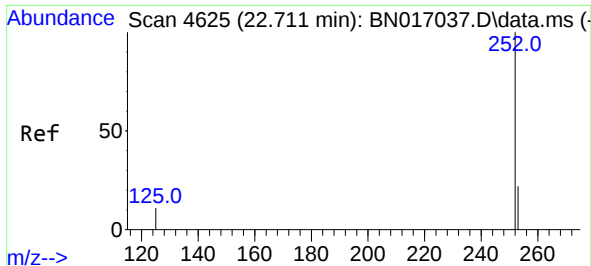
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#22
Chrysene
Concen: 0.180 ng/ul
RT: 21.199 min Scan# 4108
Delta R.T. -0.002 min
Lab File: BN017042.D
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Tgt Ion:	228	Resp:	7445
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.5	36.7
229	22.7	15.8	23.8





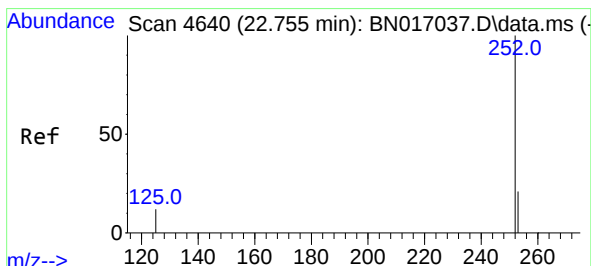
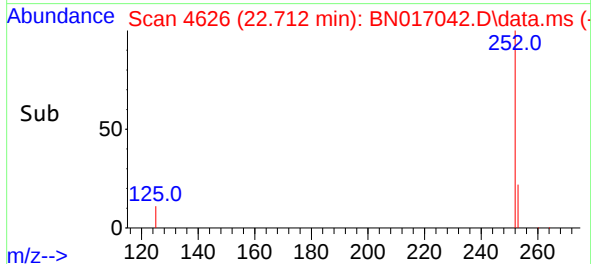
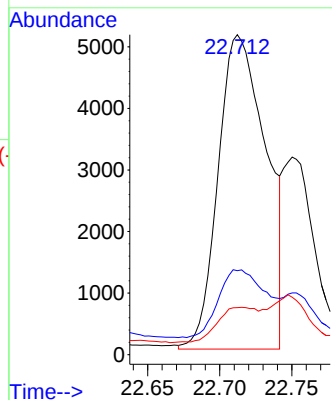
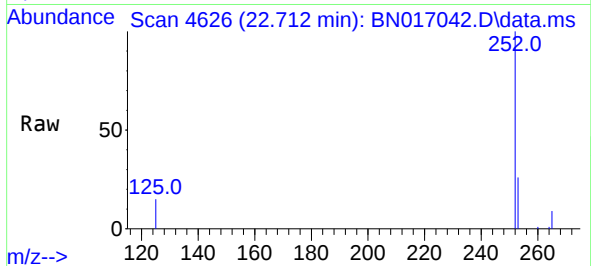
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Benzo(b)fluoranthene
Concen: 0.241 ng/ul m
RT: 22.712 min Scan# 4626
Delta R.T. 0.001 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:252	Resp:	11780
Ion Ratio	Lower	Upper
252	100	
253	26.2	0.0 47.4
125	14.7	0.0 24.6

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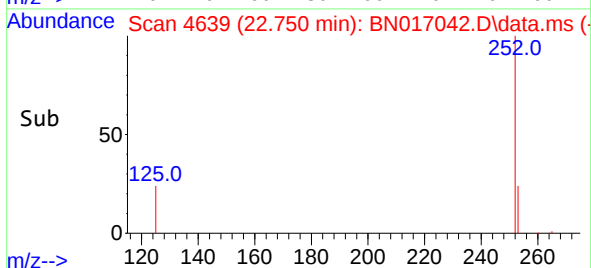
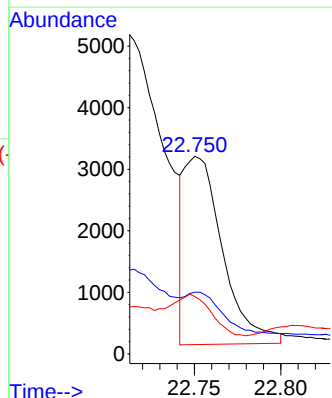
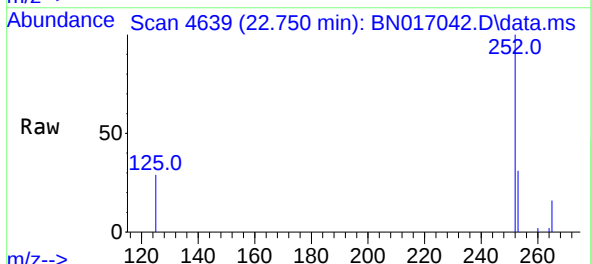
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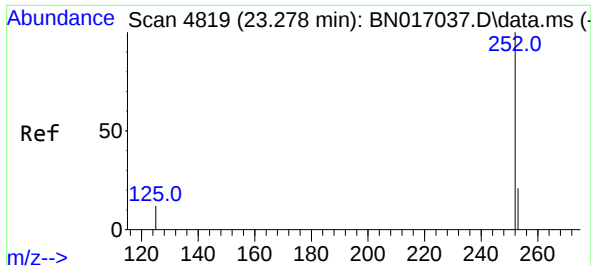
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#25
Benzo(k)fluoranthene
Concen: 0.087 ng/ul m
RT: 22.750 min Scan# 4639
Delta R.T. -0.005 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:252	Resp:	4711
Ion Ratio	Lower	Upper
252	100	
253	31.3	19.2 28.8#
125	29.1	9.7 14.5#





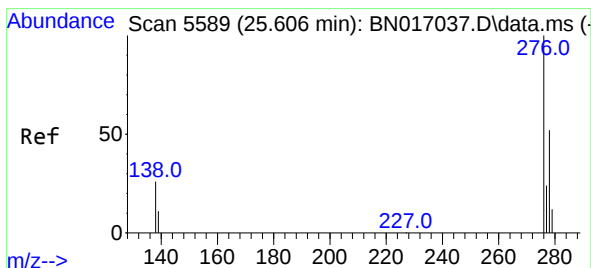
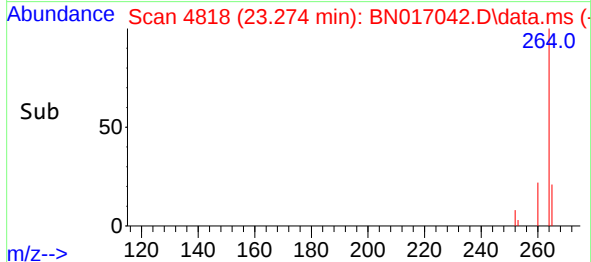
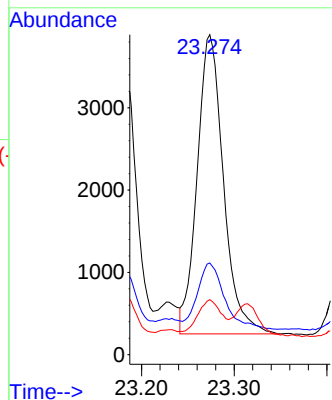
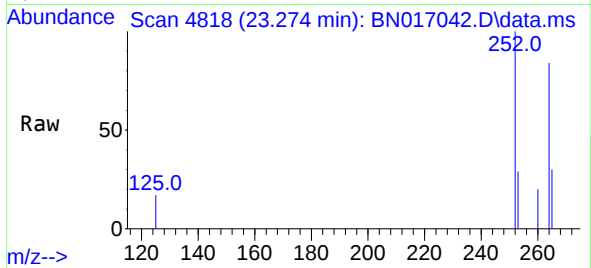
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Benzo(a)pyrene
Concen: 0.164 ng/ul
RT: 23.274 min Scan# 4818
Delta R.T. -0.005 min
Lab File: BN017042.D
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Tgt Ion:	252	Resp:	7185
Ion Ratio	Lower	Upper	
252	100		
253	28.7	19.8	29.6
125	17.2	10.9	16.3#

Instrument :
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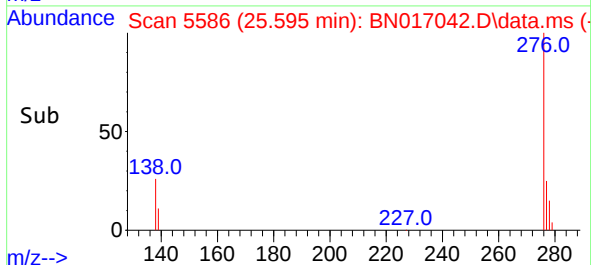
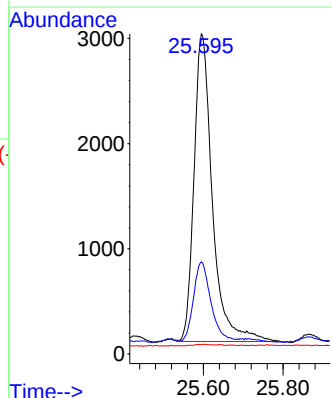
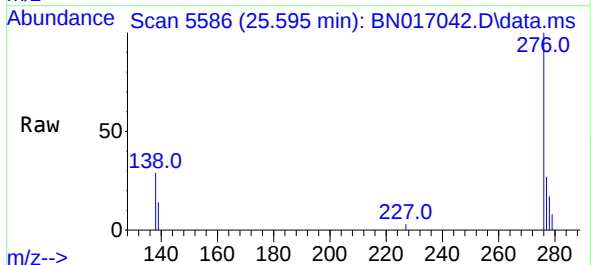
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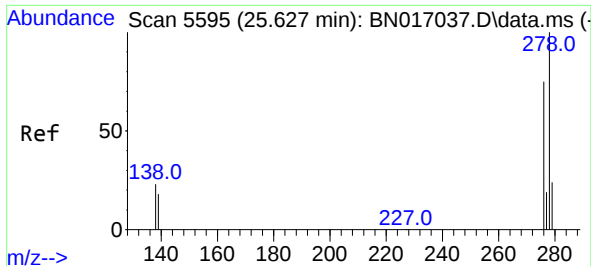
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.150 ng/ul
RT: 25.595 min Scan# 5586
Delta R.T. -0.012 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:	276	Resp:	9347
Ion Ratio	Lower	Upper	
276	100		
138	24.6	21.8	32.8
227	0.5	0.2	0.2#





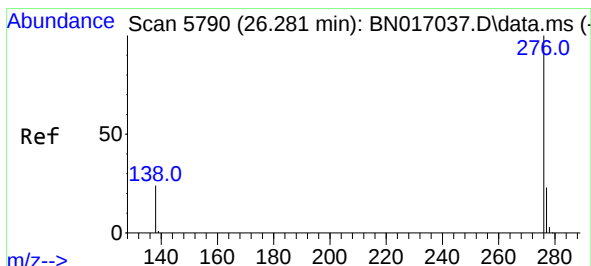
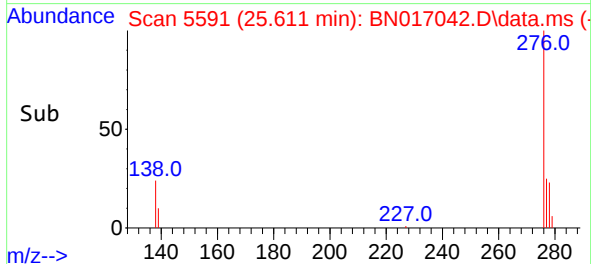
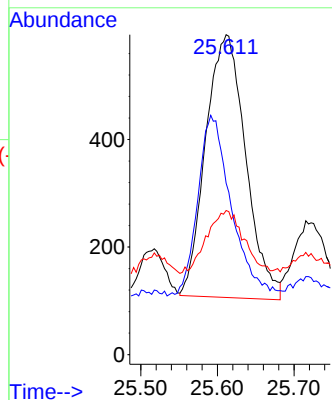
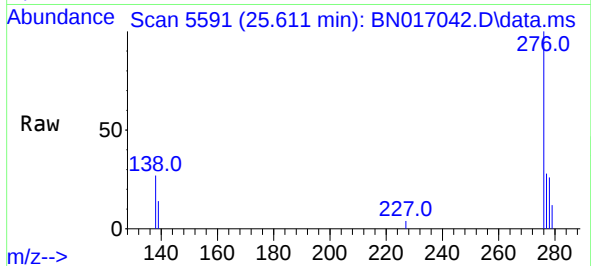
#28
Dibenzo(a,h)anthracene
Concen: 0.036 ng/ul
RT: 25.611 min Scan# 5591
Delta R.T. -0.015 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:278 Resp: 1771
Ion Ratio Lower Upper
278 100
139 53.6 15.2 22.8#
279 45.0 19.9 29.9#

Instrument :
BNA_N
ClientSampleId :
C0B52

Manual Integrations
APPROVED

mohammad
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#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 26.275 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BN017042.D
Acq: 21 Oct 2021 11:52

Tgt Ion:276 Resp: 8958
Ion Ratio Lower Upper
276 100
138 27.4 19.8 29.6
277 26.4 19.4 29.0

