

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
 Data File : BN017040.D
 Acq On : 21 Oct 2021 10:39
 Operator : CG/JU
 Sample : M4182-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0B38

Manual Integrations
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Quant Time: Oct 21 11:16:01 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	1775	0.400	ng/ul	0.00
4) Naphthalene-d8	10.321	136	7010	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.197	164	4229	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.952	188	9659	0.400	ng/ul	0.00
17) Chrysene-d12	21.164	240	10598	0.400	ng/ul	0.00
23) Perylene-d12	23.370	264	11854	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.076	96	6475	3.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1945	0.195	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	5446	0.208	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1860	0.088	ng/ul#	91
7) 2-Methylnaphthalene	11.998	142	1494	0.113	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1296	0.096	ng/ul	97
10) Acenaphthylene	13.915	152	1596	0.093	ng/ul#	91
15) Phenanthrene	16.994	178	7917	0.258	ng/ul	99
16) Anthracene	17.083	178	1518	0.059	ng/ul#	87
19) Fluoranthene	19.021	202	12473	0.344	ng/ul	98
20) Pyrene	19.384	202	14177	0.380	ng/ul	100
21) Benzo(a)anthracene	21.146	228	5848	0.169	ng/ul	94
22) Chrysene	21.196	228	9167	0.233	ng/ul	98
24) Benzo(b)fluoranthene	22.712	252	11968m	0.268	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	5656m	0.115	ng/ul	
26) Benzo(a)pyrene	23.274	252	7774	0.195	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.595	276	6901	0.122	ng/ul	93
28) Dibenzo(a,h)anthracene	25.608	278	1732	0.038	ng/ul#	62
29) Benzo(g,h,i)perylene	26.276	276	6460	0.132	ng/ul	96

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

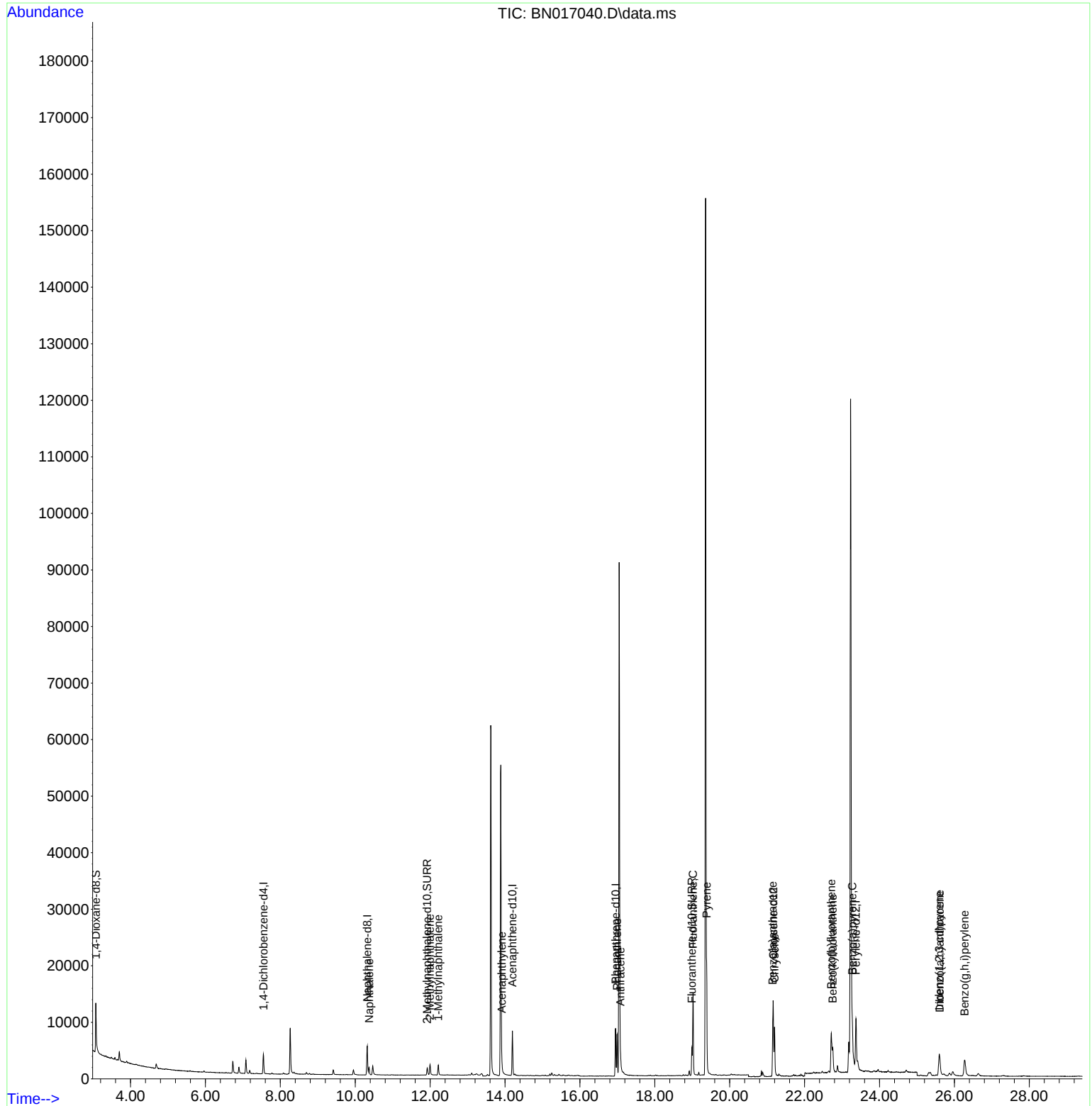
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102221\
Data File : BN017040.D
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Operator : CG/JU
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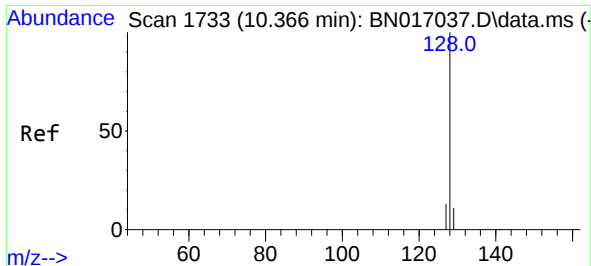
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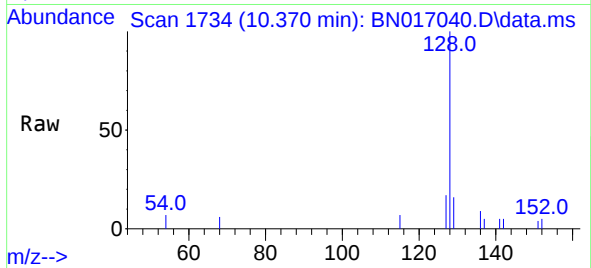
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Quant Time: Oct 21 11:16:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN101921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 21 10:28:56 2021
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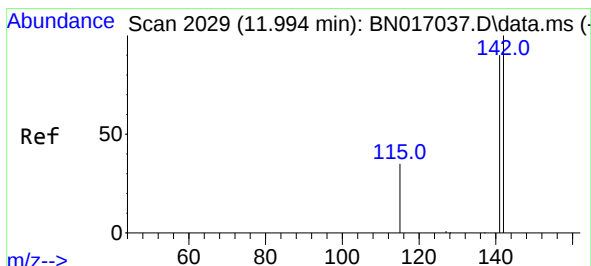
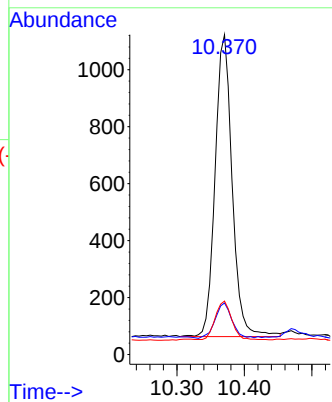
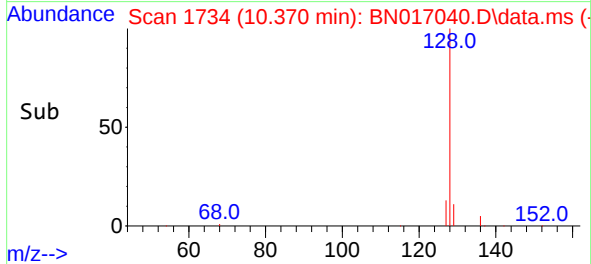




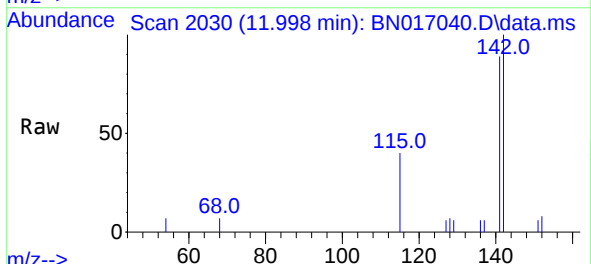
#5
Naphthalene
Concen: 0.088 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. 0.004 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39



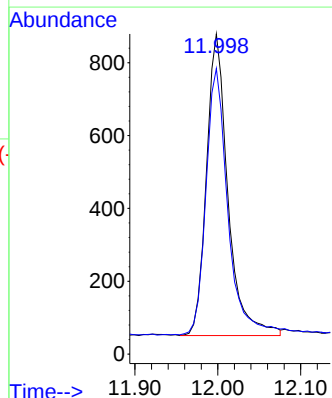
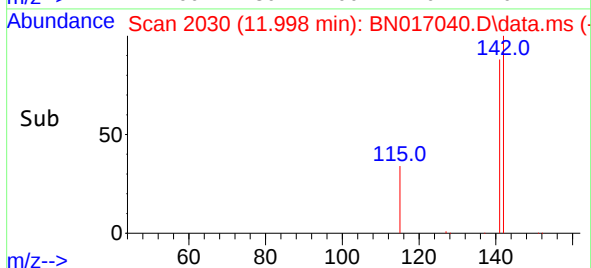
Tgt Ion:128 Resp: 1860
Ion Ratio Lower Upper
128 100
129 16.1 9.6 14.4#
127 16.7 11.0 16.4#



#7
2-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 11.998 min Scan# 2030
Delta R.T. 0.004 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39



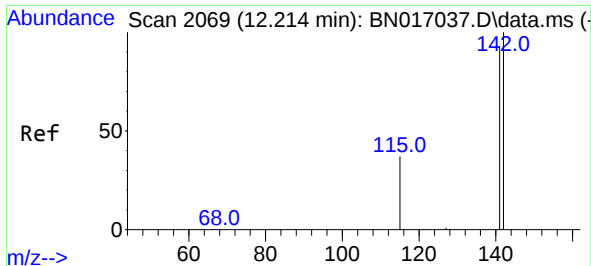
Tgt Ion:142 Resp: 1494
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0



Instrument :
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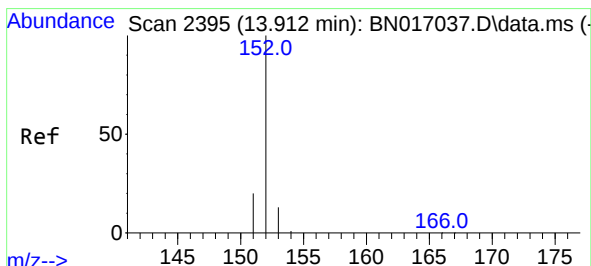
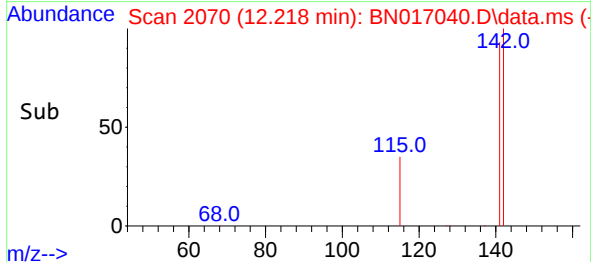
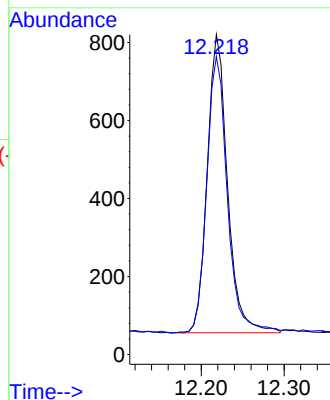
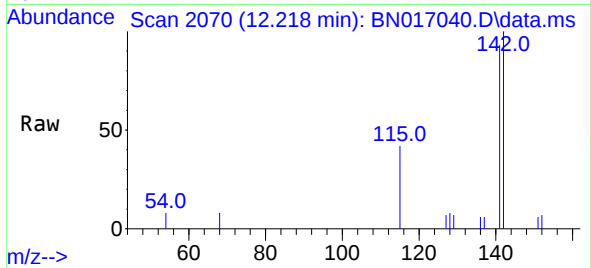
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1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.218 min Scan# 2070
Delta R.T. 0.004 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:142 Resp: 1296
Ion Ratio Lower Upper
142 100
141 94.9 73.7 110.5

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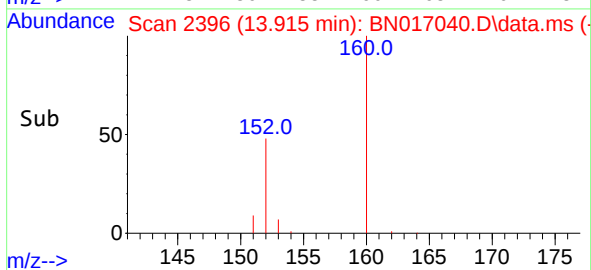
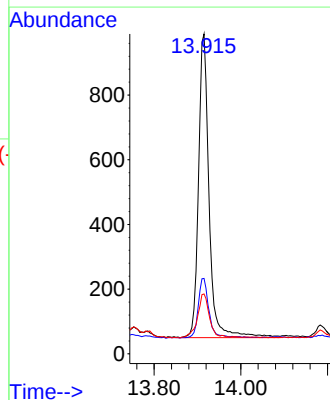
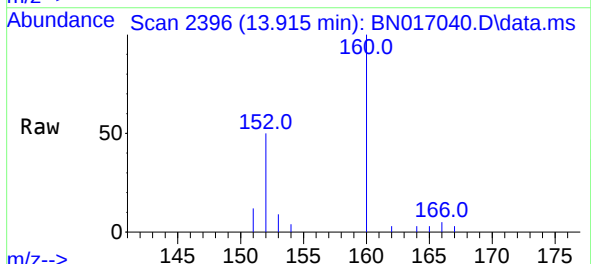
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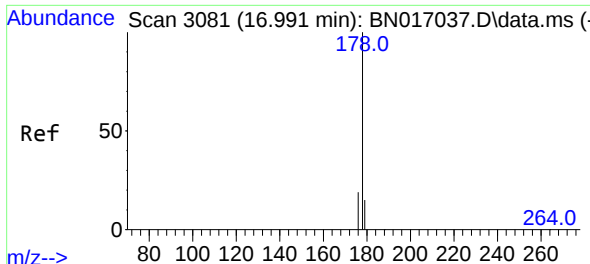
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#10
Acenaphthylene
Concen: 0.093 ng/ul
RT: 13.915 min Scan# 2396
Delta R.T. 0.003 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

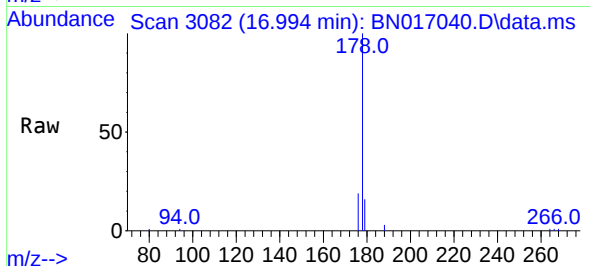
Tgt Ion:152 Resp: 1596
Ion Ratio Lower Upper
152 100
151 23.6 16.4 24.6
153 18.7 11.3 16.9#





#15
Phenanthrene
Concen: 0.258 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. 0.003 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

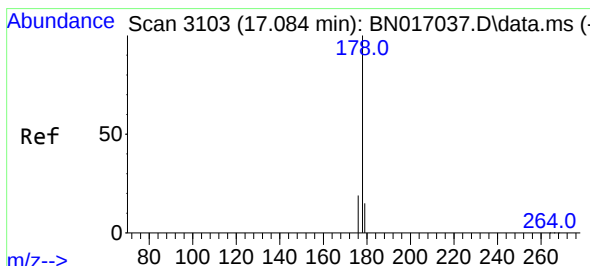
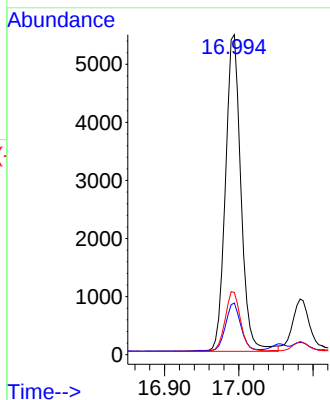
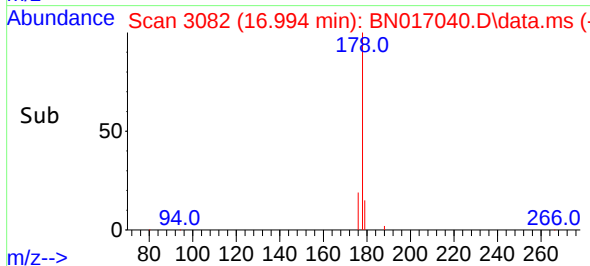
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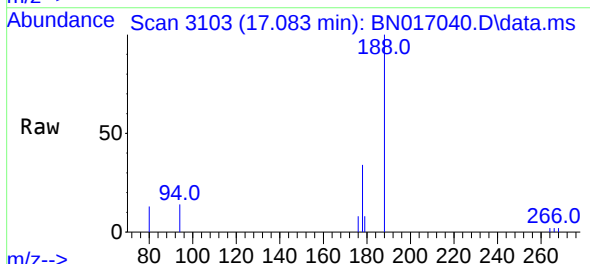
Tgt Ion:178 Resp: 7917
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.5 15.9 23.9

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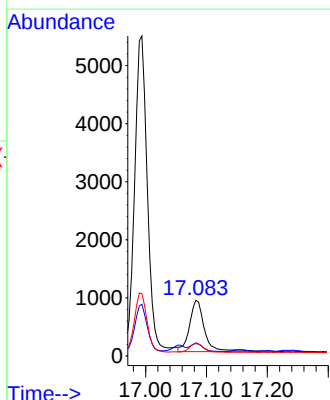
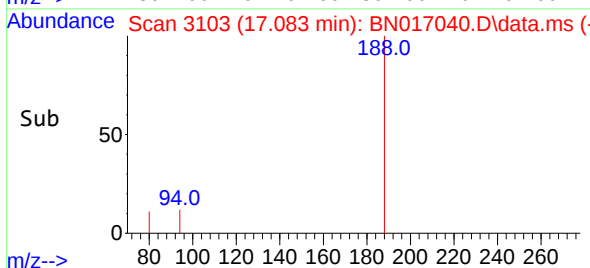
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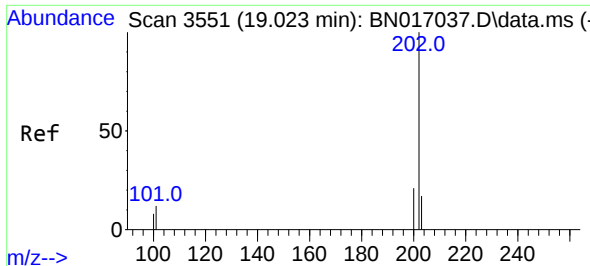


#16
Anthracene
Concen: 0.059 ng/ul
RT: 17.083 min Scan# 3103
Delta R.T. -0.001 min
Lab File: BN017040.D
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Tgt Ion:178 Resp: 1518
Ion Ratio Lower Upper
178 100
179 22.2 12.9 19.3#
176 24.0 15.0 22.6#





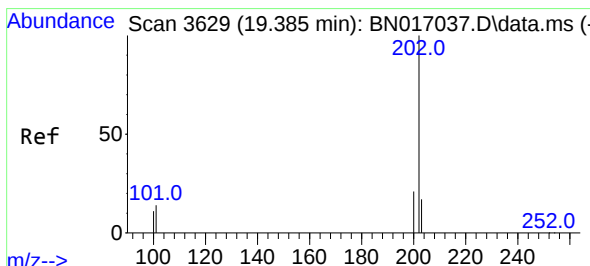
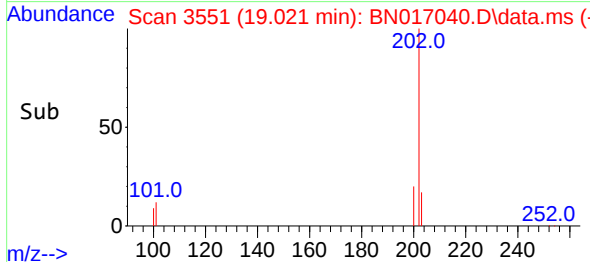
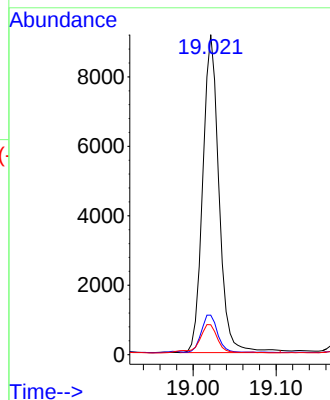
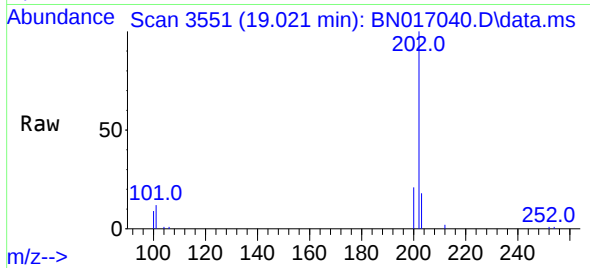
#19
Fluoranthene
Concen: 0.344 ng/u1
RT: 19.021 min Scan# 3551
Delta R.T. -0.001 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	202	Resp:	12473
Ion Ratio	Lower	Upper	
202	100		
101	12.3	10.6	16.0
100	9.4	7.9	11.9

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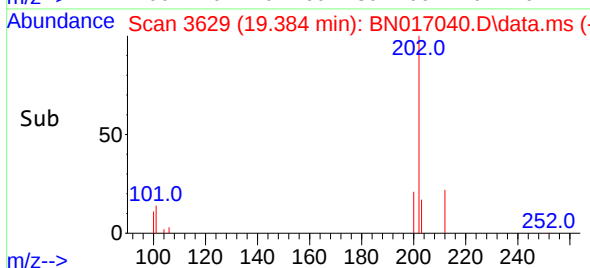
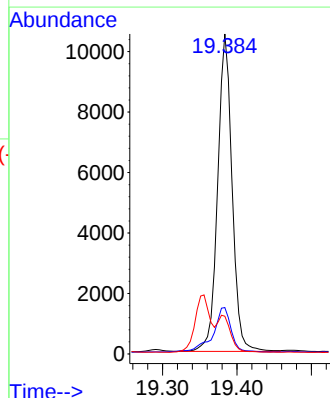
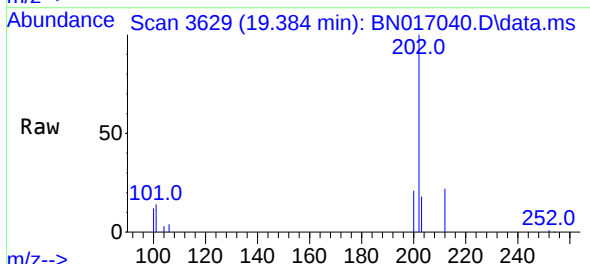
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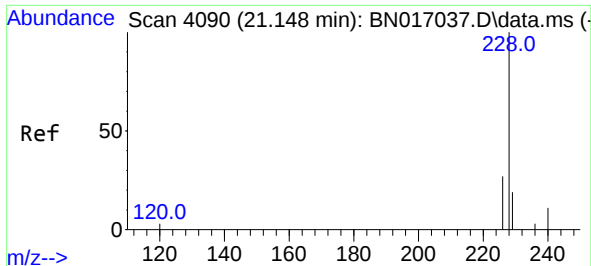
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#20
Pyrene
Concen: 0.380 ng/u1
RT: 19.384 min Scan# 3629
Delta R.T. -0.001 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	202	Resp:	14177
Ion Ratio	Lower	Upper	
202	100		
101	14.5	11.6	17.4
100	11.8	9.3	13.9





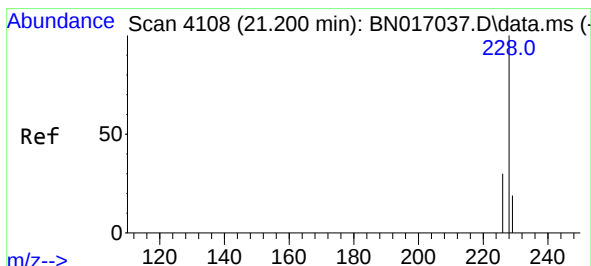
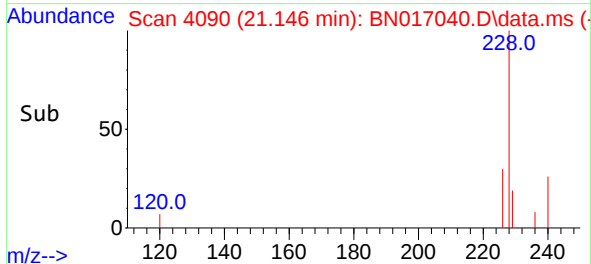
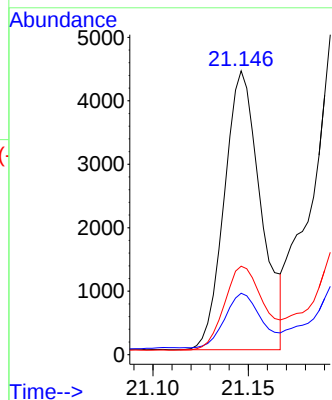
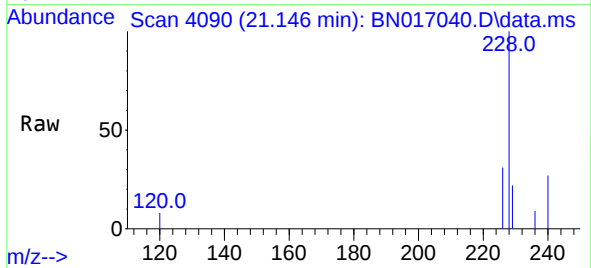
#21
Benzo(a)anthracene
Concen: 0.169 ng/ul
RT: 21.146 min Scan# 4090
Delta R.T. -0.001 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	228	Resp:	5848
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.9	23.9
226	31.2	22.0	33.0

Instrument :
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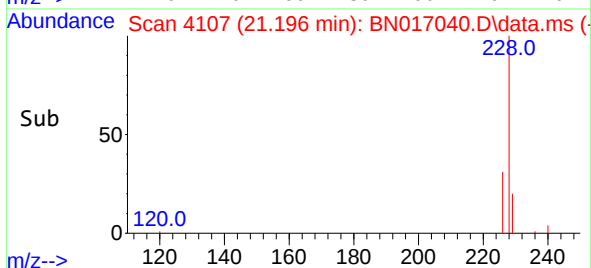
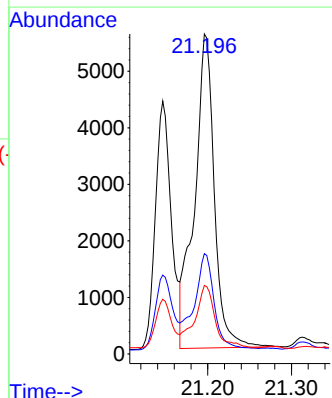
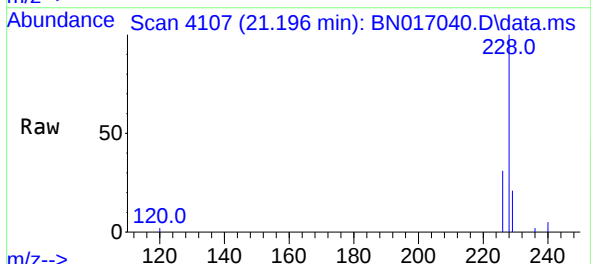
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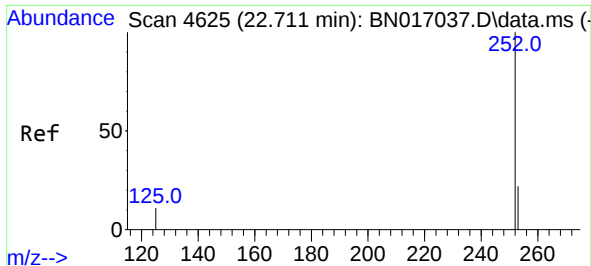
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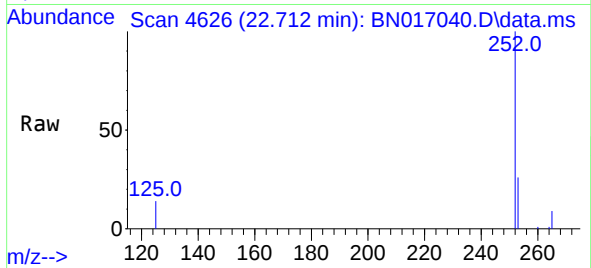
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Chrysene
Concen: 0.233 ng/ul
RT: 21.196 min Scan# 4107
Delta R.T. -0.004 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	228	Resp:	9167
Ion Ratio	Lower	Upper	
228	100		
226	31.4	24.5	36.7
229	21.4	15.8	23.8

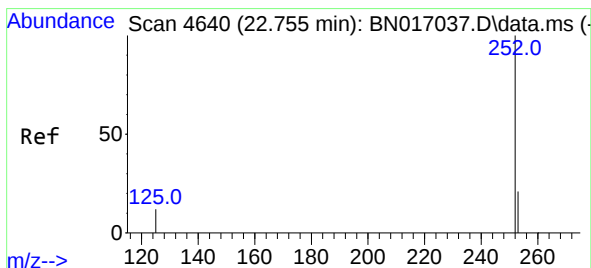
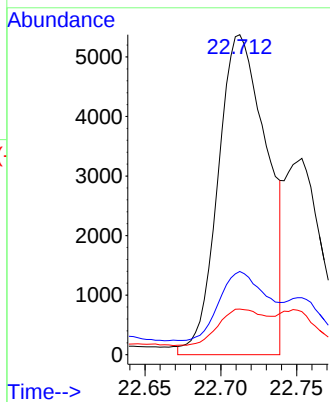
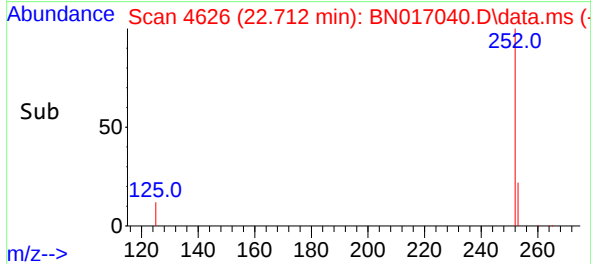




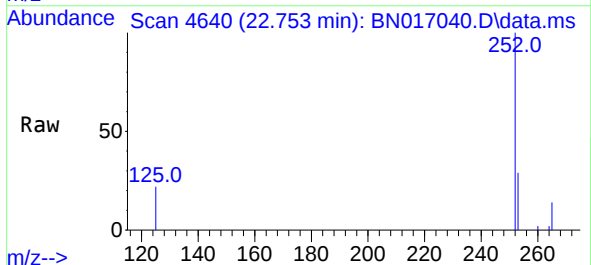
#24
Benzo(b)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.712 min Scan# 4626
Delta R.T. 0.001 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39



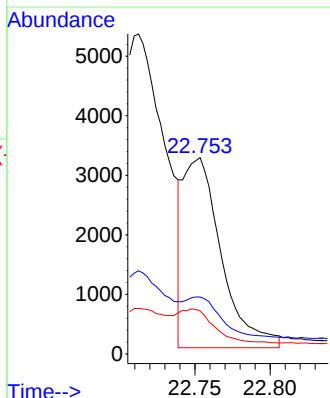
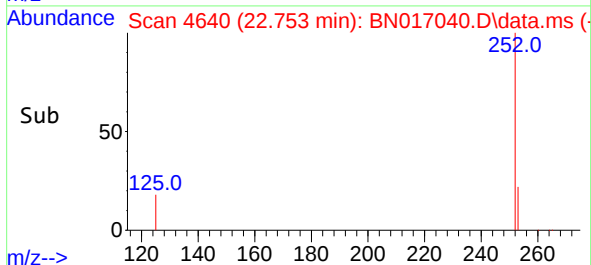
Tgt Ion:252 Resp: 11968
Ion Ratio Lower Upper
252 100
253 26.0 0.0 47.4
125 14.3 0.0 24.6



#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.753 min Scan# 4640
Delta R.T. -0.001 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39



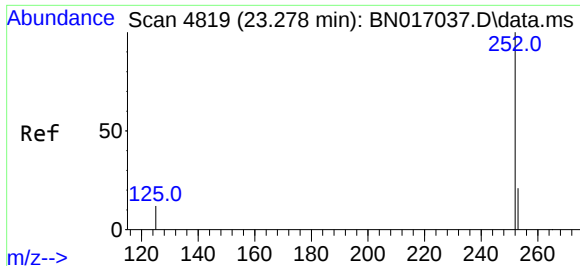
Tgt Ion:252 Resp: 5656
Ion Ratio Lower Upper
252 100
253 29.0 19.2 28.8#
125 21.9 9.7 14.5#



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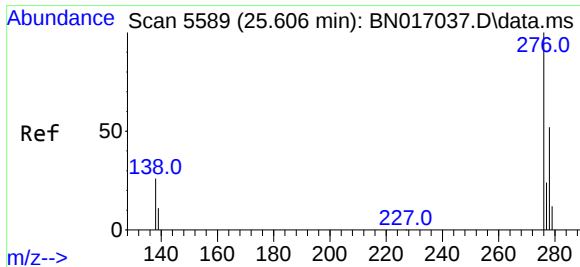
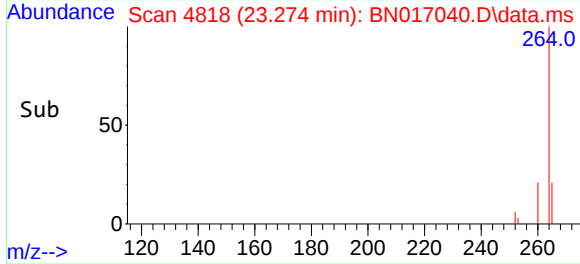
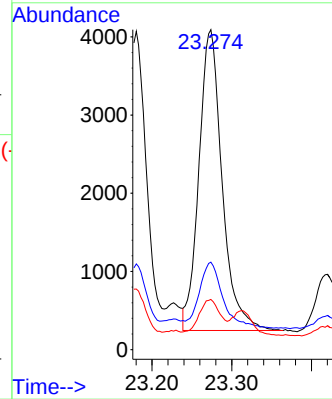
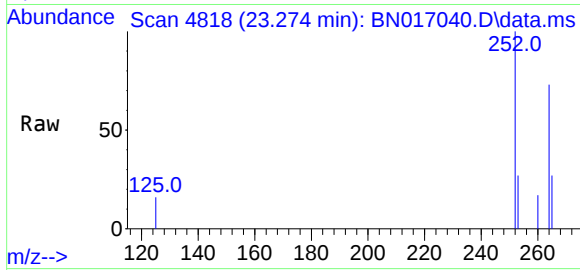
#26
Benzo(a)pyrene
Concen: 0.195 ng/ul
RT: 23.274 min Scan# 4818
Delta R.T. -0.004 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	252	Resp:	7774
Ion Ratio	Lower	Upper	
252	100		
253	27.3	19.8	29.6
125	15.7	10.9	16.3

Instrument :
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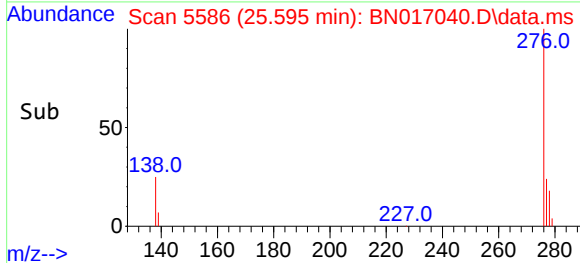
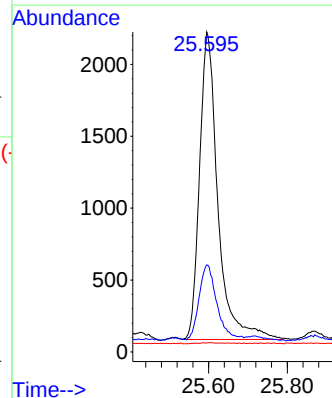
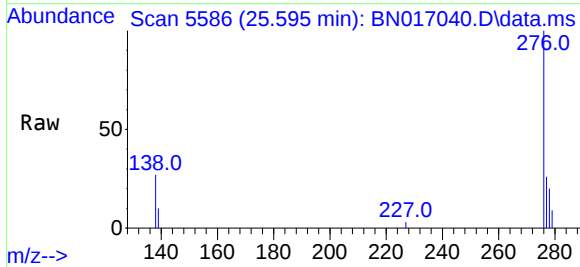
Manual Integrations
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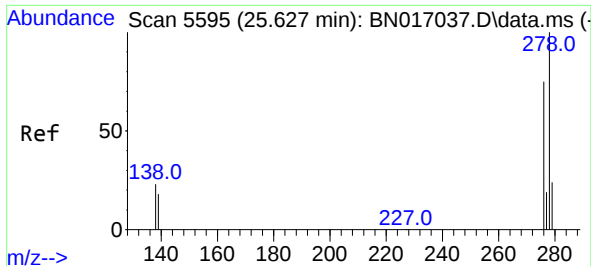
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.122 ng/ul
RT: 25.595 min Scan# 5586
Delta R.T. -0.012 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:	276	Resp:	6901
Ion Ratio	Lower	Upper	
276	100		
138	23.4	21.8	32.8
227	0.2	0.2	0.2





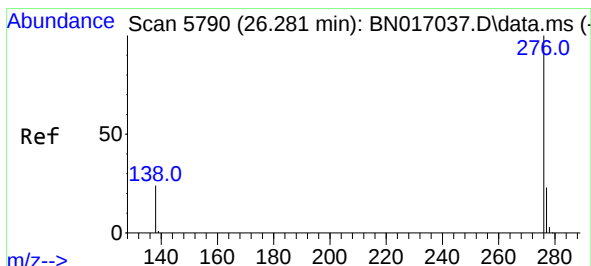
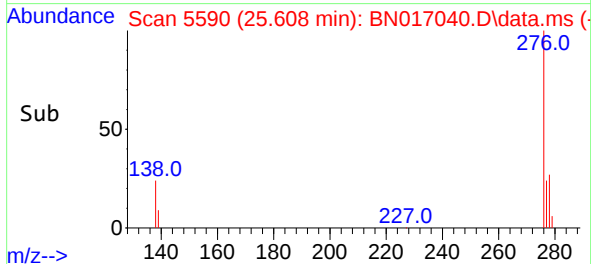
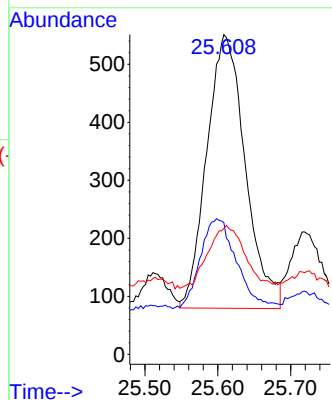
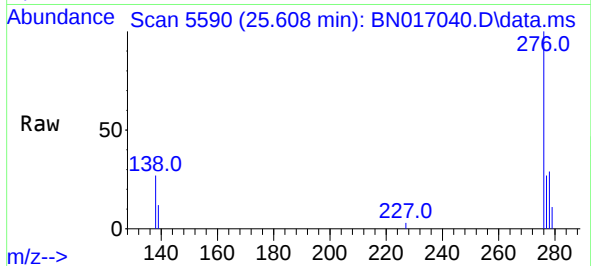
#28
Dibenzo(a,h)anthracene
Concen: 0.038 ng/ul
RT: 25.608 min Scan# 5590
Delta R.T. -0.018 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:278 Resp: 1732
Ion Ratio Lower Upper
278 100
139 41.2 15.2 22.8#
279 39.4 19.9 29.9#

Instrument :
BNA_N
ClientSampled :
C0B38

Manual Integrations
APPROVED

mohammad
10/22/2021 2:55:39 PM



#29
Benzo(g,h,i)perylene
Concen: 0.132 ng/ul
RT: 26.276 min Scan# 5789
Delta R.T. -0.005 min
Lab File: BN017040.D
Acq: 21 Oct 2021 10:39

Tgt Ion:276 Resp: 6460
Ion Ratio Lower Upper
276 100
138 26.6 19.8 29.6
277 25.8 19.4 29.0

