

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
 Data File : BN015606.D
 Acq On : 16 Jul 2021 21:14
 Operator : CG/JU
 Sample : M2914-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBK43

Manual Integrations
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 7/19/2021 11:56:22 AM

Quant Time: Jul 17 00:20:09 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 : Fri Jul 16 15:41:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	2646	0.400	ng/ul	# 0.00
4) Naphthalene-d8	10.578	136	13859	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.427	164	5558	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.183	188	10735	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.375	240	12157	0.400	ng/ul	# 0.00
23) Perylene-d12	23.719	264	8603	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	9628	3.228	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	2193	0.101	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	6346	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.628	128	3994	0.090	ng/ul#	48
7) 2-Methylnaphthalene	12.250	142	1240	0.043	ng/ul	91
10) Acenaphthylene	14.145	152	1330	0.046	ng/ul#	85
11) Acenaphthene	14.492	153	861	0.039	ng/ul#	81
12) Fluorene	15.510	166	1106	0.045	ng/ul#	51
14) Pentachlorophenol	16.841	266	3893	1.639	ng/ul	91
15) Phenanthrene	17.221	178	2899	0.074	ng/ul#	70
16) Anthracene	17.314	178	1679	0.049	ng/ul#	69
19) Fluoranthene	19.243	202	2182m	0.039	ng/ul	
20) Pyrene	19.606	202	1741	0.031	ng/ul#	1
21) Benzo(a)anthracene	21.351	228	16478	0.366	ng/ul#	32
22) Chrysene	21.413	228	1685	0.031	ng/ul#	47
24) Benzo(b)fluoranthene	23.008	252	1172	0.029	ng/ul#	1
25) Benzo(k)fluoranthene	23.052	252	955	0.021	ng/ul#	1
26) Benzo(a)pyrene	23.614	252	842	0.025	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.142	276	1627	0.040	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.152	278	2330	0.073	ng/ul#	18
29) Benzo(g,h,i)perylene	26.870	276	1694	0.045	ng/ul#	16

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

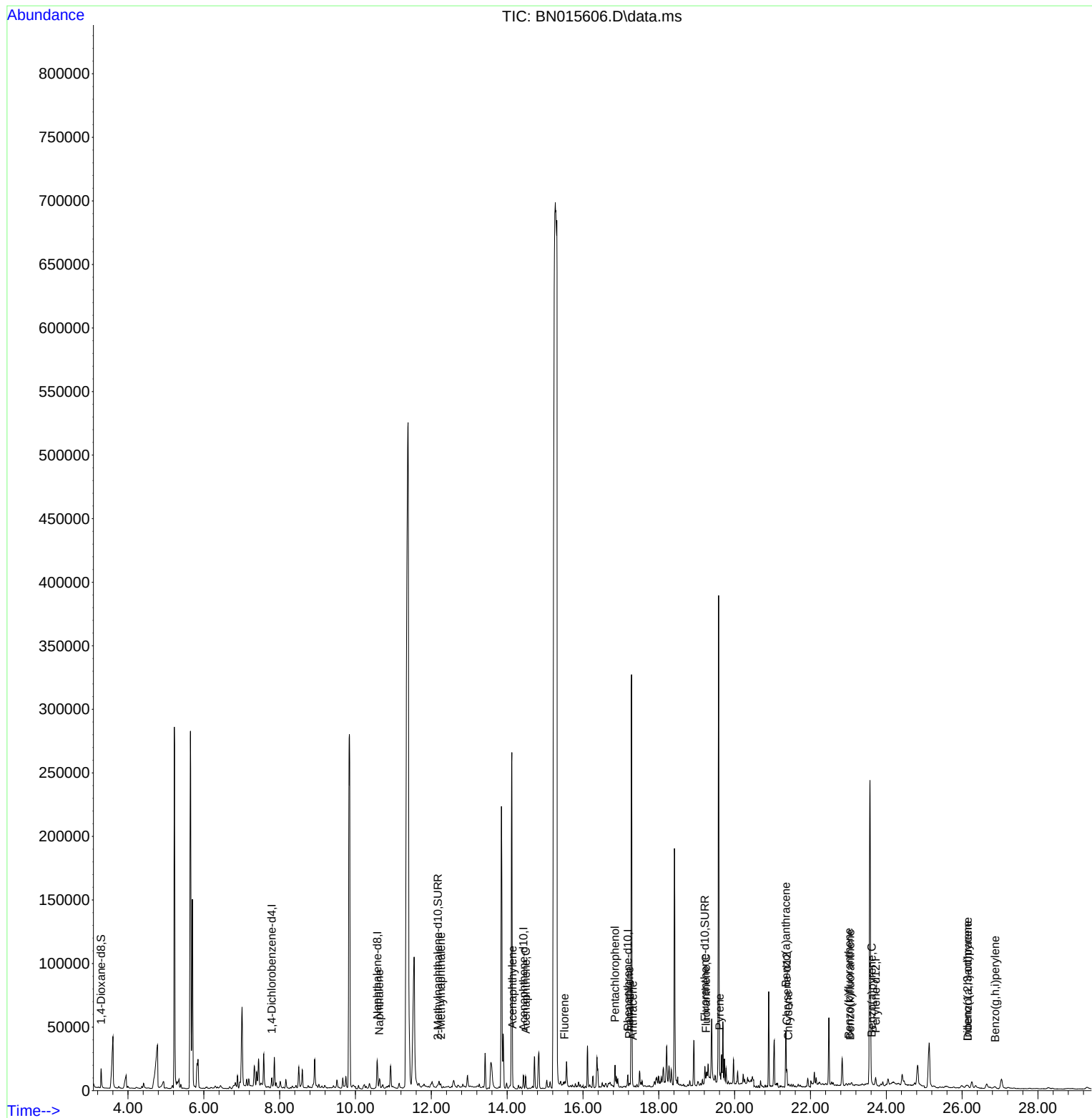
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071721\
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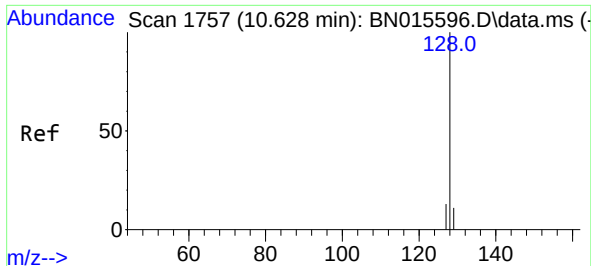
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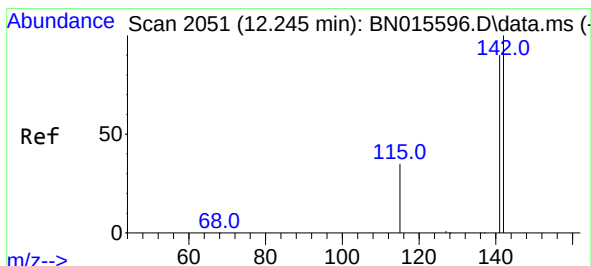
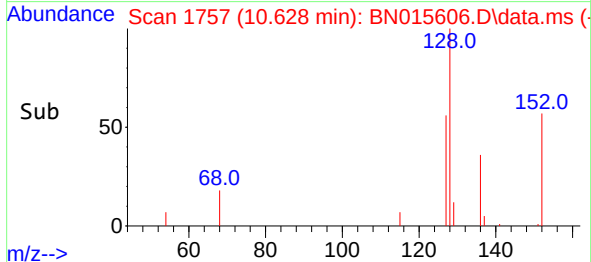
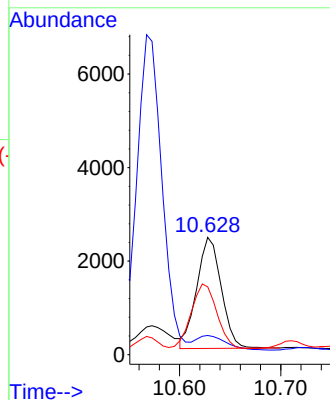
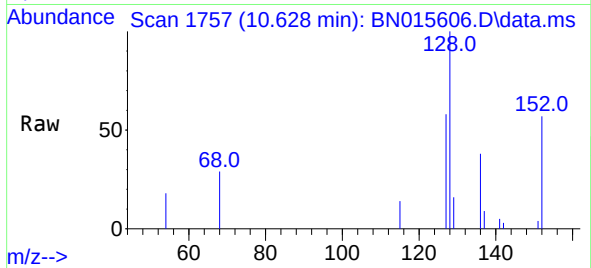
#5
Naphthalene
Concen: 0.090 ng/ul
RT: 10.628 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:128 Resp: 3994
Ion Ratio Lower Upper
128 100
129 16.3 10.9 16.3#
127 57.9 15.7 23.5#

Instrument :
BNA_N
ClientSampled :
DBK43

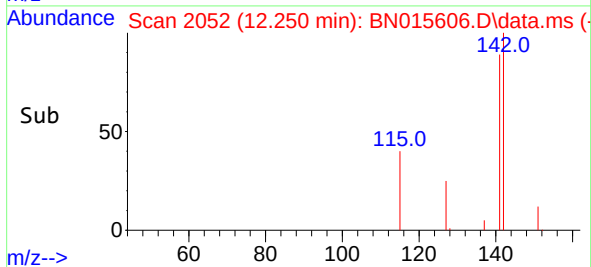
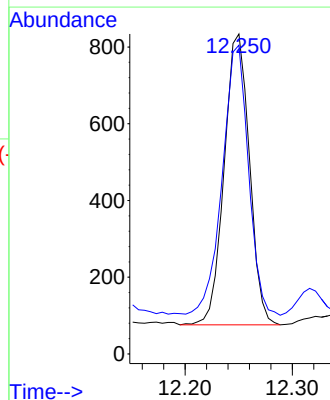
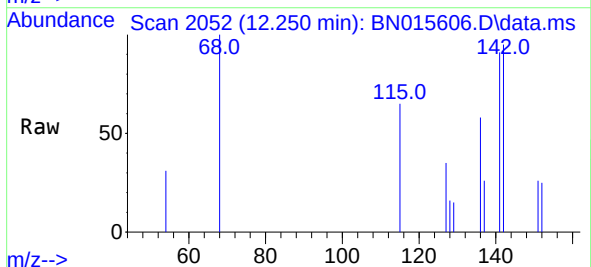
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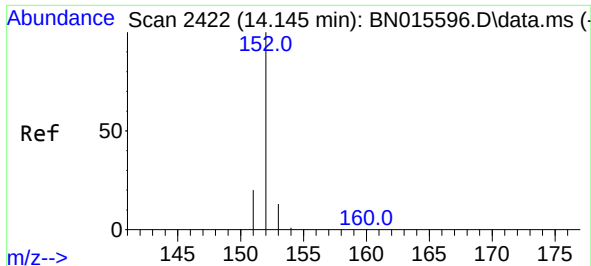
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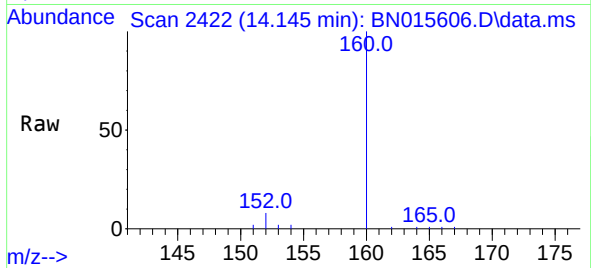
#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.250 min Scan# 2052
Delta R.T. 0.005 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:142 Resp: 1240
Ion Ratio Lower Upper
142 100
141 96.2 70.2 105.2

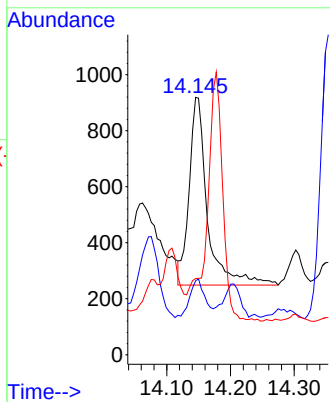
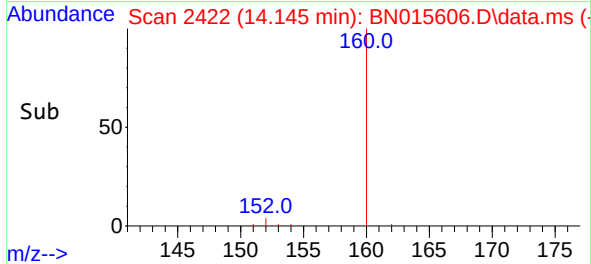




#10
Acenaphthylene
Concen: 0.046 ng/u1
RT: 14.145 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14



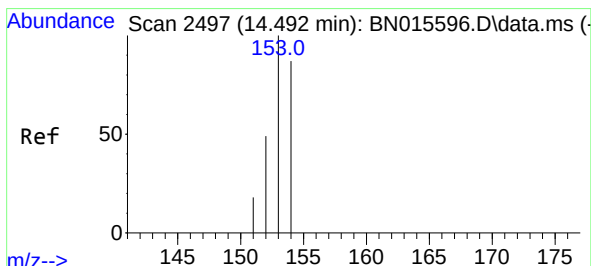
Tgt Ion:152 Resp: 1330
Ion Ratio Lower Upper
152 100
151 28.7 20.2 30.4
153 29.6 14.2 21.4#



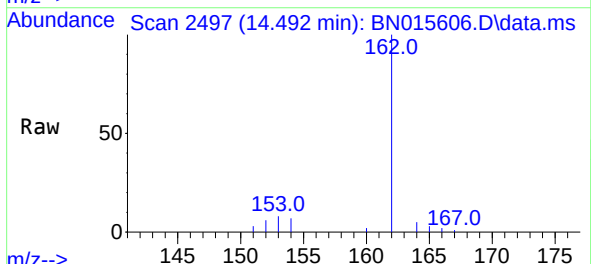
Instrument :
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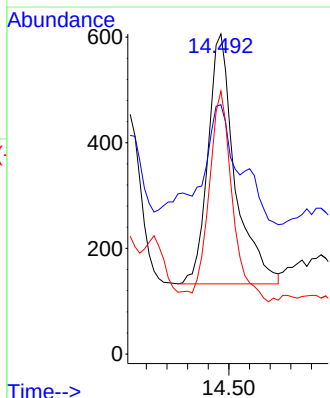
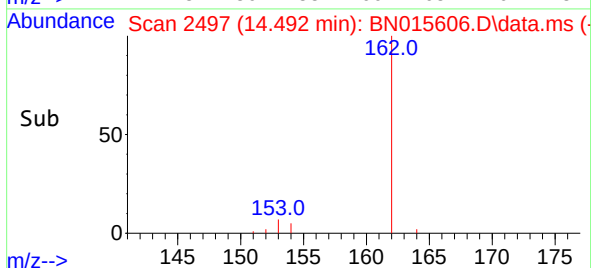
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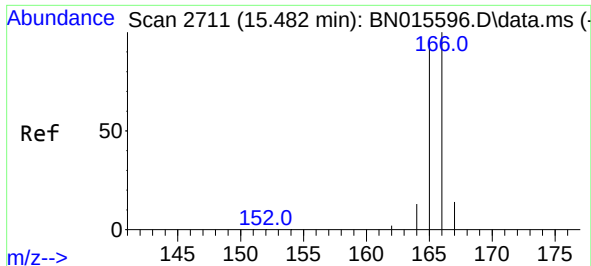


#11
Acenaphthene
Concen: 0.039 ng/u1
RT: 14.492 min Scan# 2497
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14



Tgt Ion:153 Resp: 861
Ion Ratio Lower Upper
153 100
152 77.9 39.7 59.5#
154 82.2 71.0 106.4





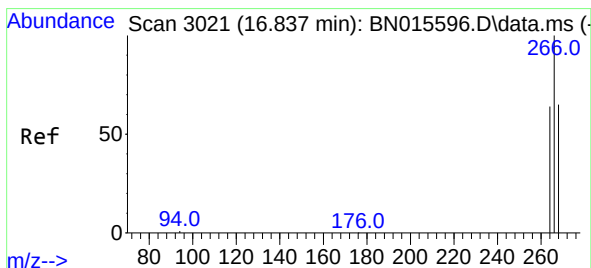
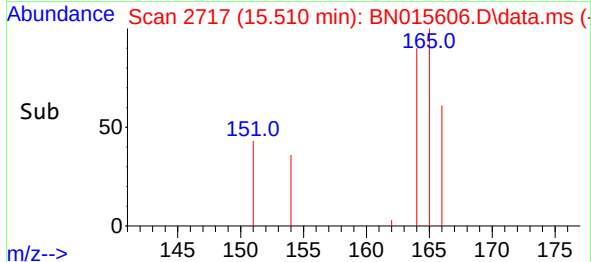
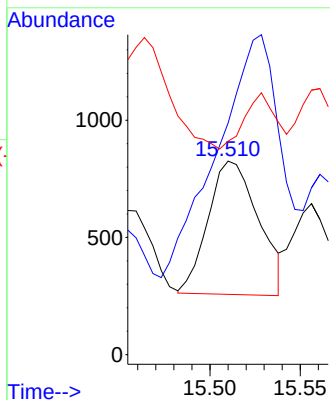
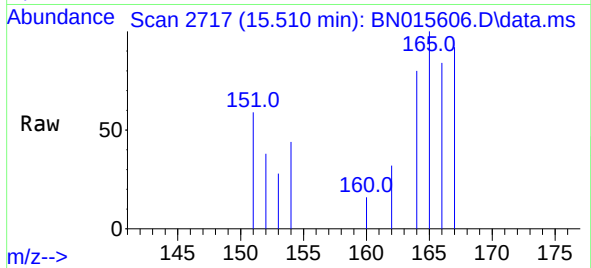
#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.510 min Scan# 2717
Delta R.T. 0.028 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:166 Resp: 1106
Ion Ratio Lower Upper
166 100
165 119.6 79.3 118.9#
167 110.3 13.8 20.6#

Instrument :
BNA_N
ClientSampled :
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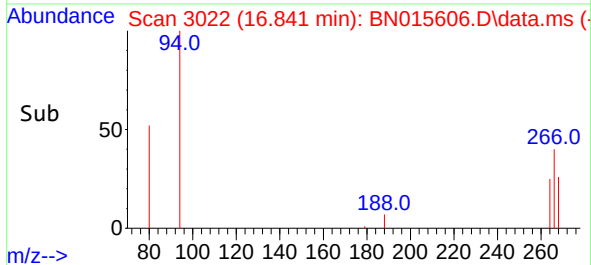
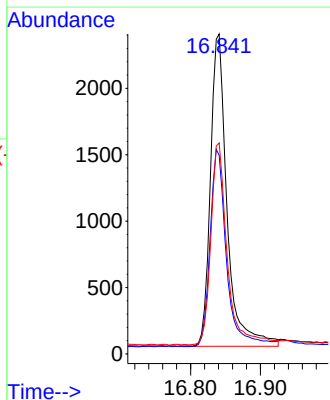
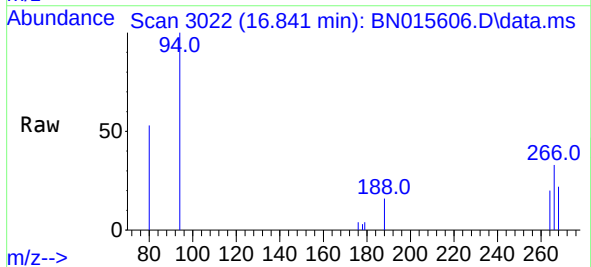
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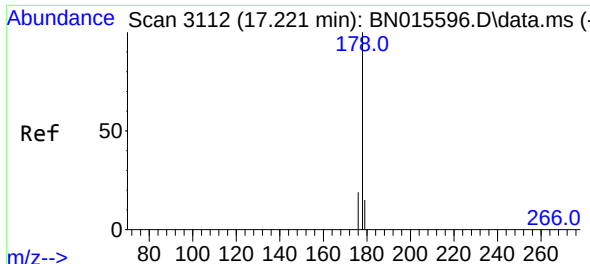
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#14
Pentachlorophenol
Concen: 1.639 ng/ul
RT: 16.841 min Scan# 3022
Delta R.T. 0.004 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

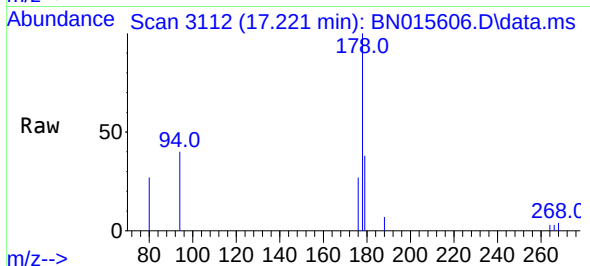
Tgt Ion:266 Resp: 3893
Ion Ratio Lower Upper
266 100
264 62.5 52.9 79.3
268 63.7 59.4 89.0





#15
Phenanthrene
Concen: 0.074 ng/u1
RT: 17.221 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

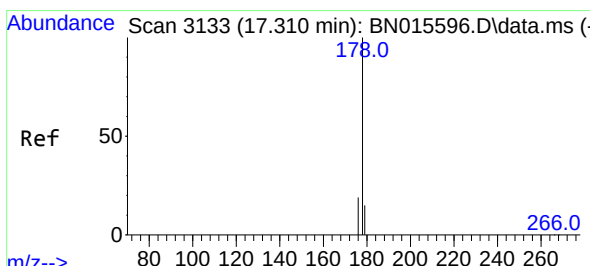
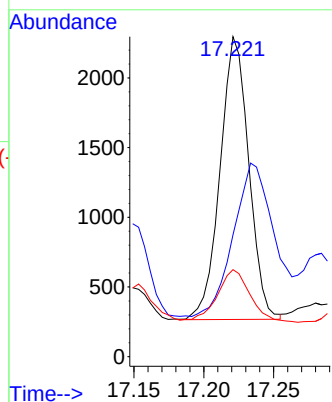
Instrument :
BNA_N
ClientSampled :
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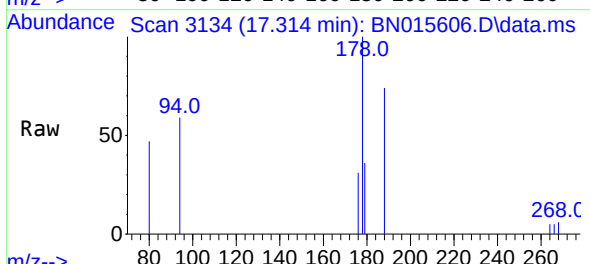
Tgt Ion:178 Resp: 2899
Ion Ratio Lower Upper
178 100
179 38.1 13.8 20.6#
176 27.2 16.2 24.4#

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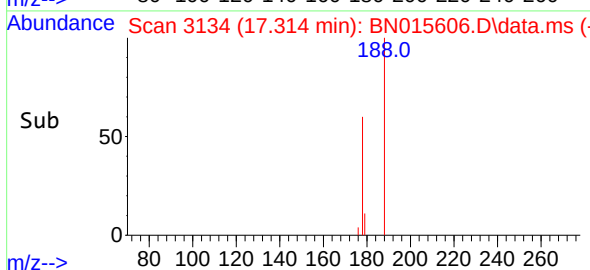
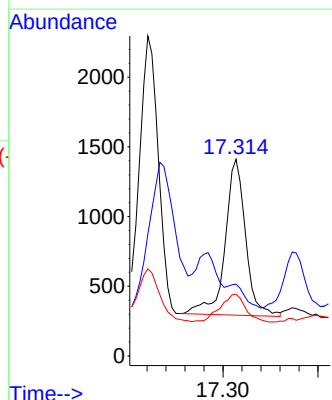
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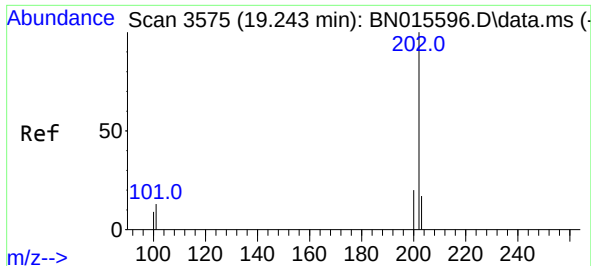


#16
Anthracene
Concen: 0.049 ng/u1
RT: 17.314 min Scan# 3134
Delta R.T. 0.004 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14



Tgt Ion:178 Resp: 1679
Ion Ratio Lower Upper
178 100
179 36.5 14.3 21.5#
176 31.4 17.1 25.7#





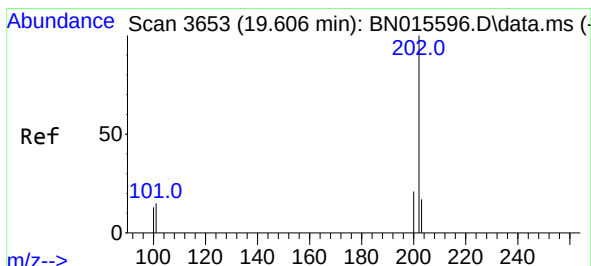
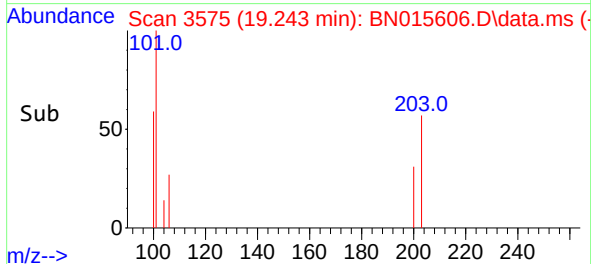
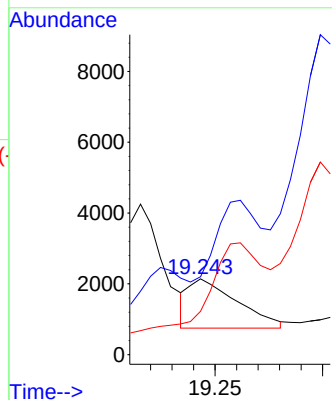
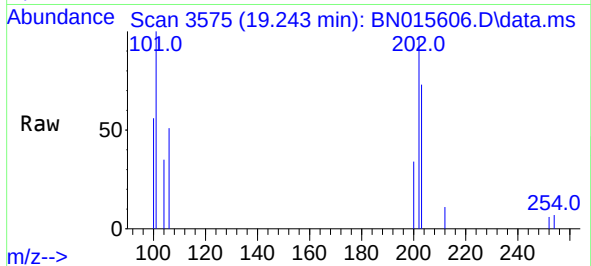
#19
Fluoranthene
Concen: 0.039 ng/ul m
RT: 19.243 min Scan# 3575
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:202 Resp: 2182
Ion Ratio Lower Upper
202 100
101 102.6 7.6 11.4#
100 57.1 5.9 8.9#

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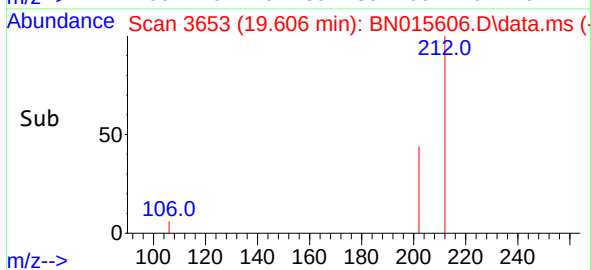
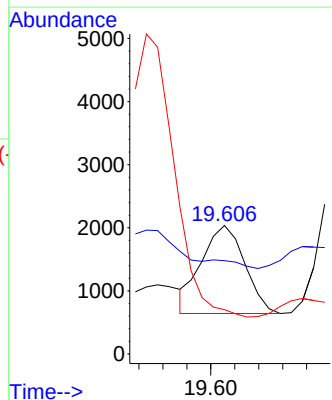
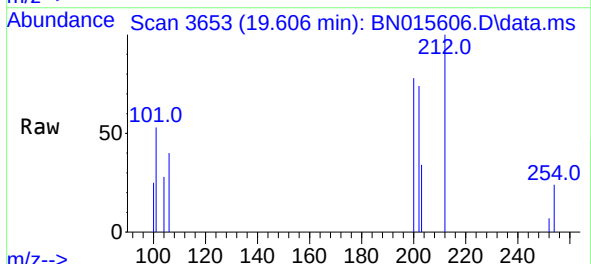
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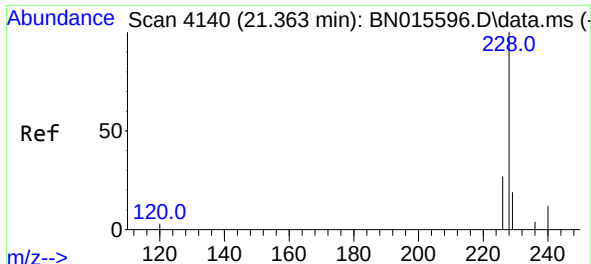
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#20
Pyrene
Concen: 0.031 ng/ul
RT: 19.606 min Scan# 3653
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:202 Resp: 1741
Ion Ratio Lower Upper
202 100
101 72.6 8.5 12.7#
100 34.5 7.4 11.2#





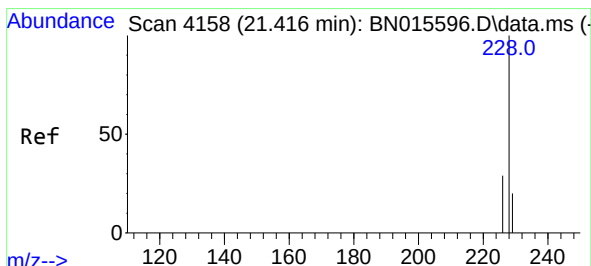
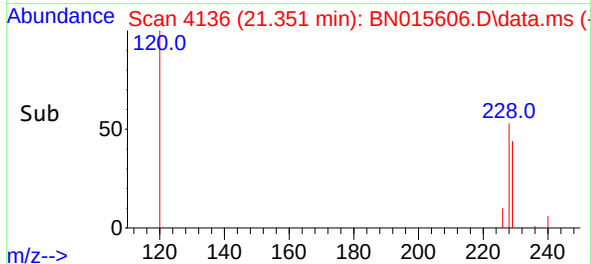
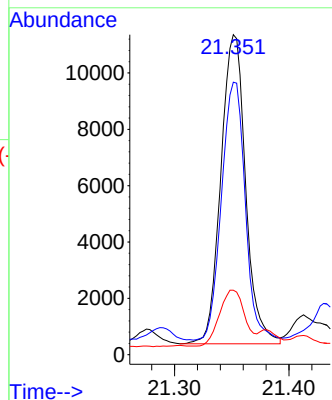
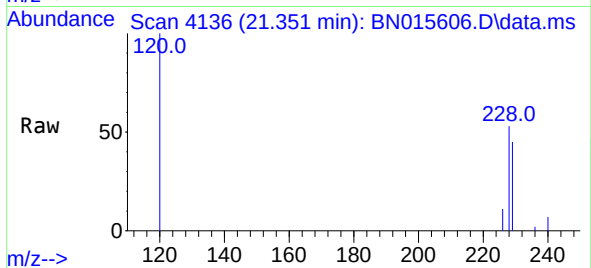
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Benzo(a)anthracene
Concen: 0.366 ng/ul
RT: 21.351 min Scan# 4136
Delta R.T. -0.012 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:	228	Resp:	16478
Ion Ratio	Lower	Upper	
228	100		
229	85.1	16.3	24.5#
226	20.1	22.6	33.8#

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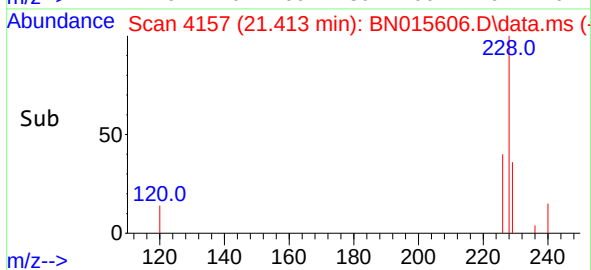
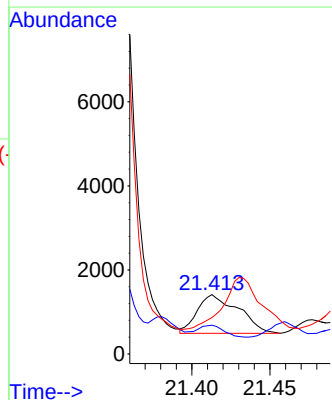
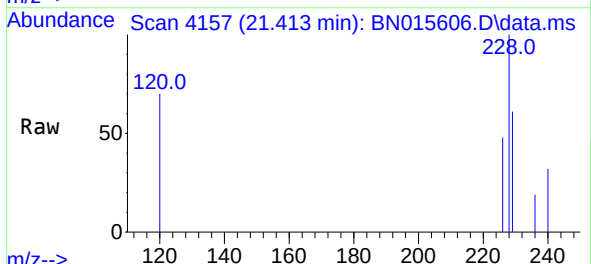
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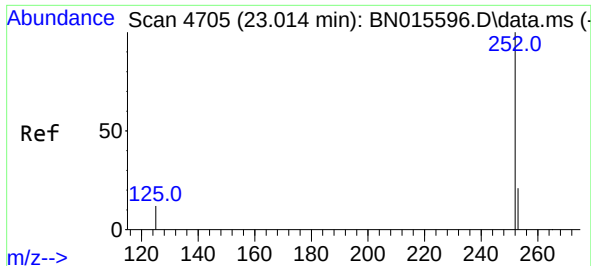
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#22
Chrysene
Concen: 0.031 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:	228	Resp:	1685
Ion Ratio	Lower	Upper	
228	100		
226	48.4	25.3	37.9#
229	61.1	16.2	24.4#





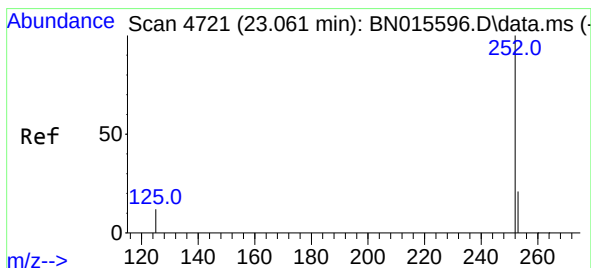
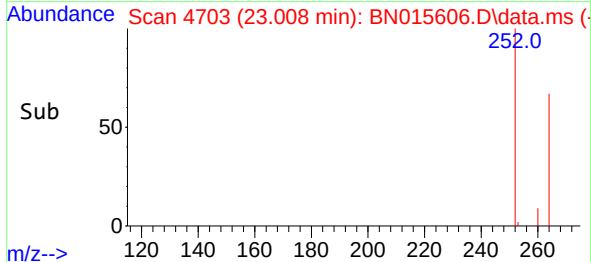
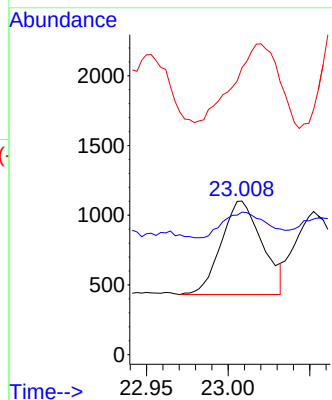
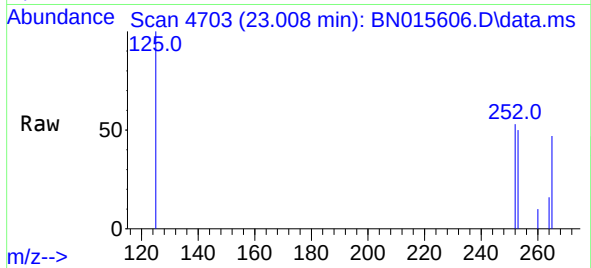
#24
Benzo(b)fluoranthene
Concen: 0.029 ng/ul
RT: 23.008 min Scan# 4703
Delta R.T. -0.006 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:252 Resp: 1172
Ion Ratio Lower Upper
252 100
253 92.8 0.0 50.2#
125 187.0 0.0 19.4#

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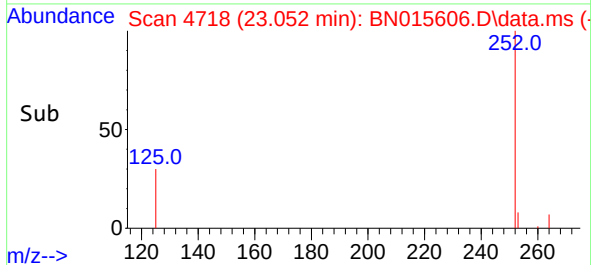
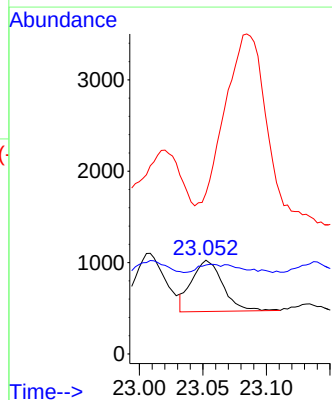
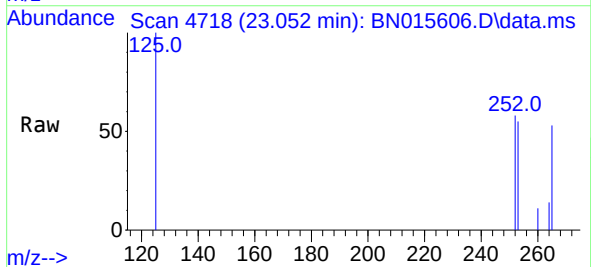
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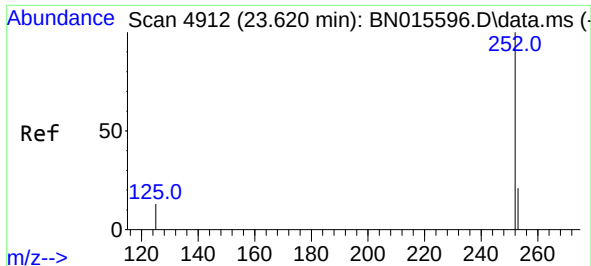
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#25
Benzo(k)fluoranthene
Concen: 0.021 ng/ul
RT: 23.052 min Scan# 4718
Delta R.T. -0.009 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:252 Resp: 955
Ion Ratio Lower Upper
252 100
253 94.7 20.5 30.7#
125 171.3 6.9 10.3#





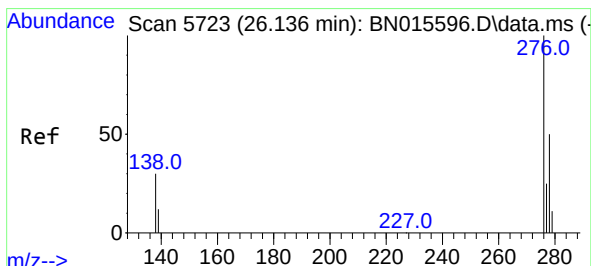
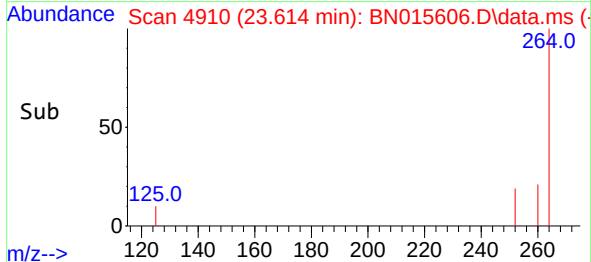
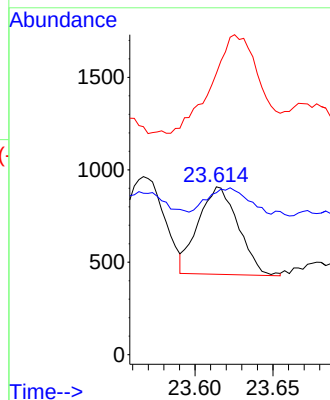
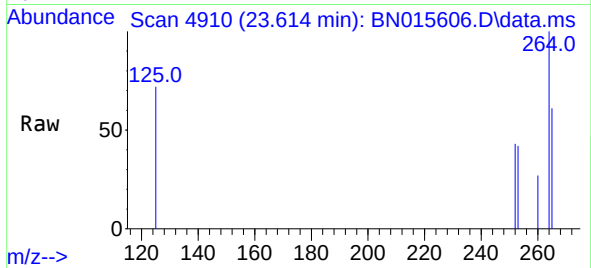
#26
Benzo(a)pyrene
Concen: 0.025 ng/ul
RT: 23.614 min Scan# 4910
Delta R.T. -0.006 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

Tgt Ion:252 Resp: 842
Ion Ratio Lower Upper
252 100
253 96.5 23.0 34.6#
125 167.6 9.5 14.3#

Instrument :
BNA_N
ClientSampled :
DBK43

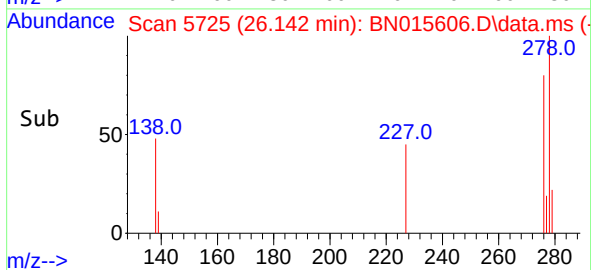
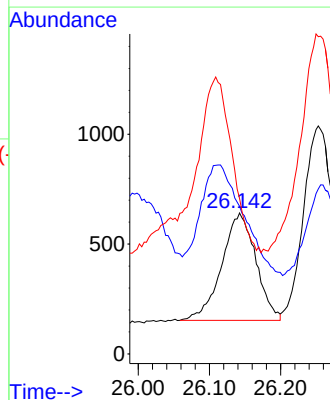
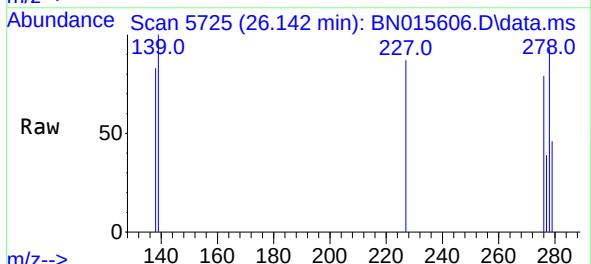
Manual Integrations
APPROVED

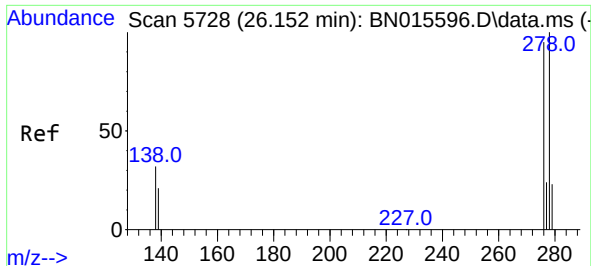
mohammad
7/19/2021 11:56:22 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.040 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. 0.007 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

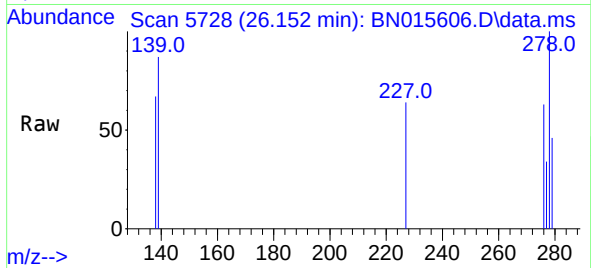
Tgt Ion:276 Resp: 1627
Ion Ratio Lower Upper
276 100
138 0.0 10.9 16.3#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 26.152 min Scan# 5728
Delta R.T. -0.000 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14

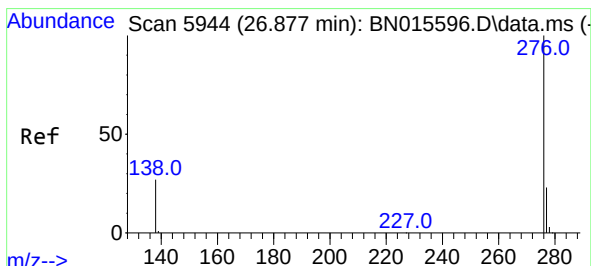
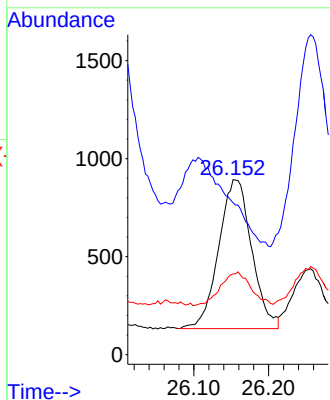
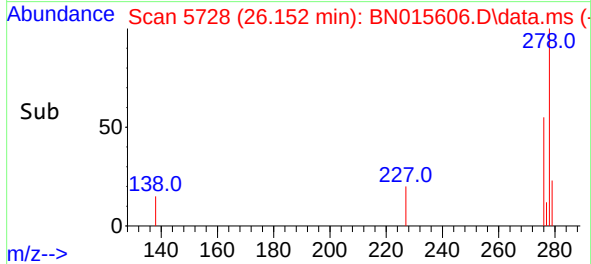
Instrument :
BNA_N
ClientSampled :
DBK43



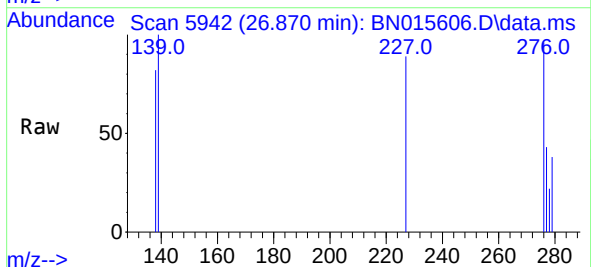
Tgt Ion:278 Resp: 2330
Ion Ratio Lower Upper
278 100
139 86.7 10.6 16.0#
279 46.1 22.6 34.0#

Manual Integrations
APPROVED

mohammad
7/19/2021 11:56:22 AM



#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 26.870 min Scan# 5942
Delta R.T. -0.007 min
Lab File: BN015606.D
Acq: 16 Jul 2021 21:14



Tgt Ion:276 Resp: 1694
Ion Ratio Lower Upper
276 100
138 85.8 11.5 17.3#
277 45.1 21.4 32.2#

