

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031333.D
 Acq On : 01 Aug 2021 04:39
 Operator : CG/JU
 Sample : M3091-10DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0048DL

Manual Integrations
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Quant Time: Aug 02 01:15:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.604	152	1883	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	7182	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	4512	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	8766	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	6374	0.400	ng/ul	# 0.00
23) Perylene-d12	23.333	264	6030	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	1055	0.504	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	452	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	915	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	8015	0.375	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	9196	0.629	ng/ul	99
8) 1-Methylnaphthalene	12.259	142	5508	0.381	ng/ul	99
10) Acenaphthylene	13.954	152	1908	0.099	ng/ul#	34
11) Acenaphthene	14.296	153	722m	0.045	ng/ul	
12) Fluorene	15.289	166	1174	0.063	ng/ul#	35
15) Phenanthrene	17.023	178	24218	0.870	ng/ul#	88
16) Anthracene	17.117	178	2517	0.097	ng/ul#	22
19) Fluoranthene	19.047	202	16443	0.604	ng/ul#	92
20) Pyrene	19.409	202	15288	0.554	ng/ul#	92
21) Benzo(a)anthracene	21.156	228	8819	0.343	ng/ul#	80
22) Chrysene	21.207	228	17569	0.660	ng/ul#	82
24) Benzo(b)fluoranthene	22.691	252	15508m	0.571	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	4459m	0.159	ng/ul	
26) Benzo(a)pyrene	23.239	252	7866	0.331	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.473	276	6509	0.212	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.480	278	2268	0.091	ng/ul#	43
29) Benzo(g,h,i)perylene	26.127	276	6684	0.255	ng/ul#	88

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

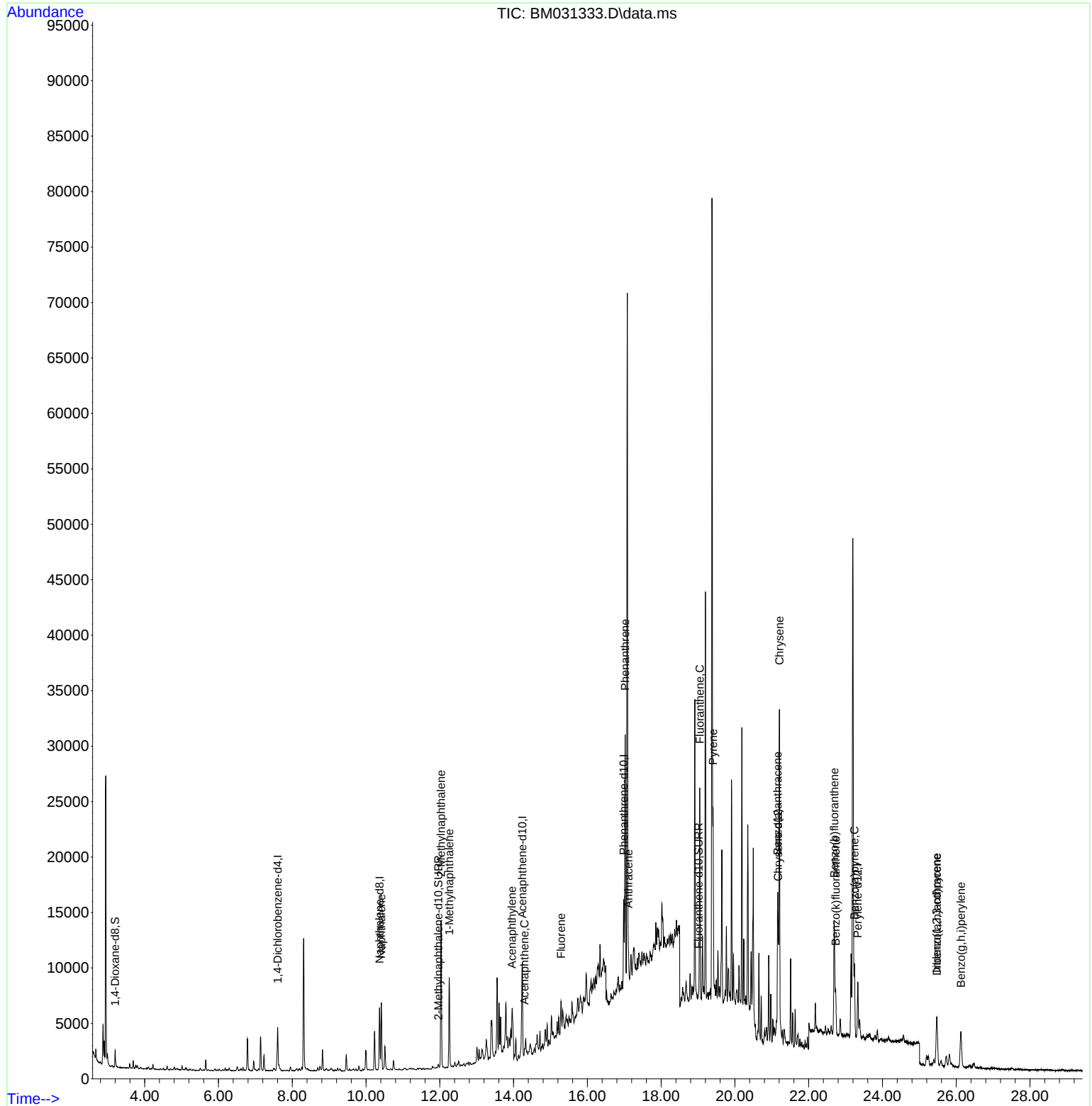
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Data File : BM031333.D
Acq On : 01 Aug 2021 04:39
Operator : CG/JU
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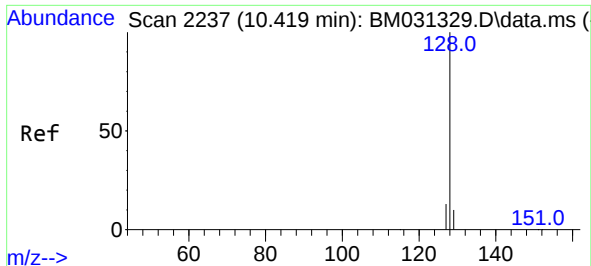
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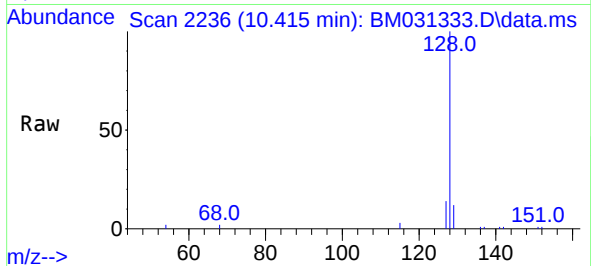
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Quant Time: Aug 02 01:15:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:16:52 2021
Response via : Initial Calibration

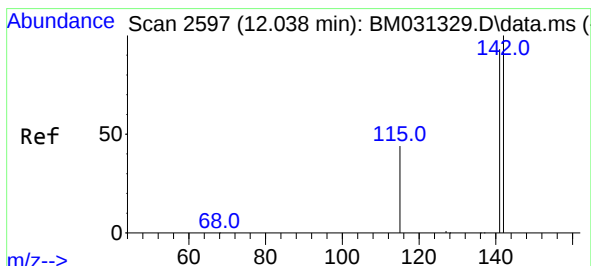
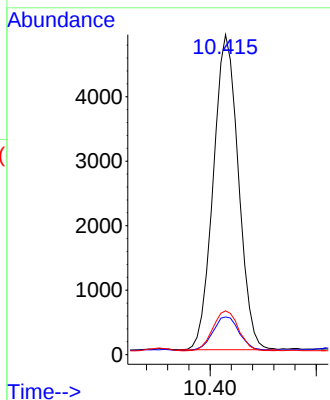
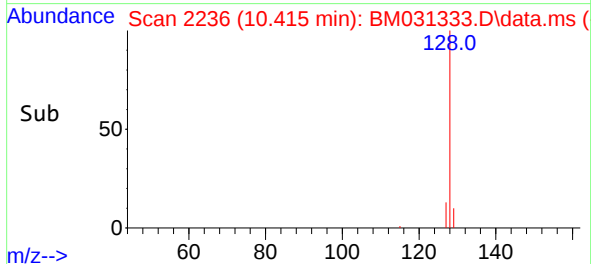




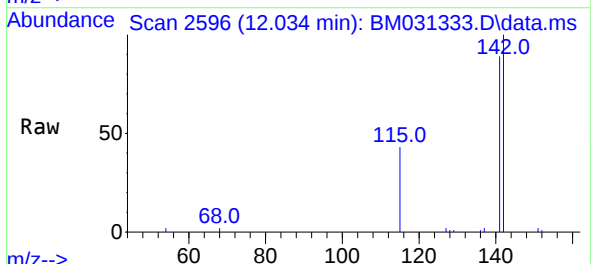
#5
Naphthalene
Concen: 0.375 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



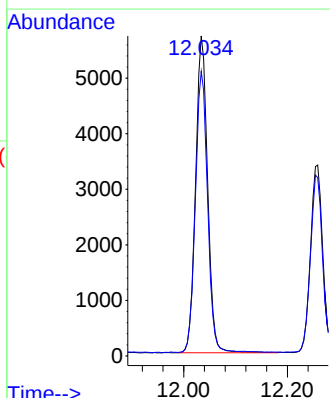
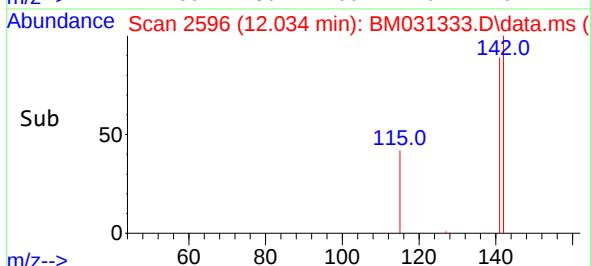
Tgt Ion:	128	Resp:	8015
Ion Ratio	Lower	Upper	
128	100		
129	11.8	10.0	15.0
127	13.7	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.629 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



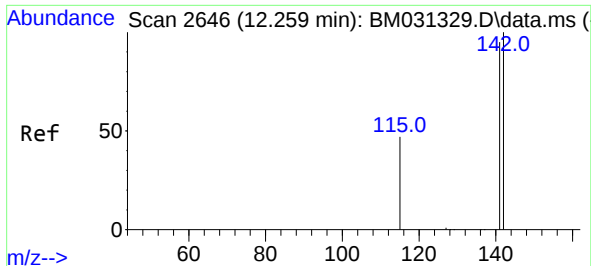
Tgt Ion:	142	Resp:	9196
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.4	107.0



Instrument :
BNA_M
ClientSampled :
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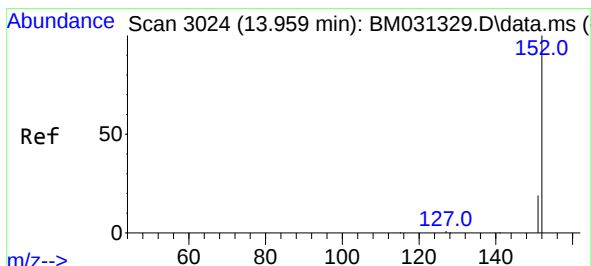
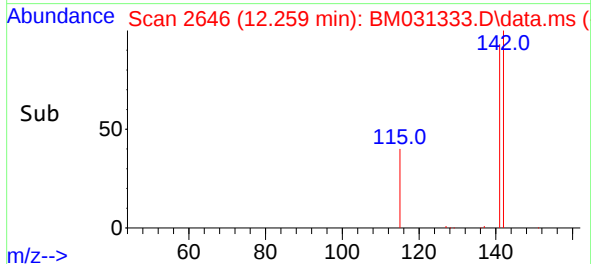
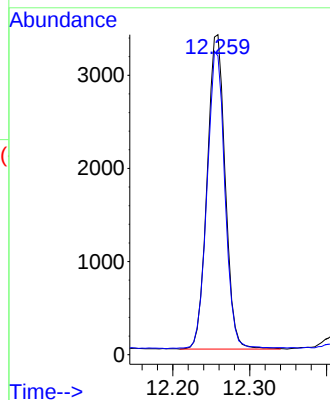
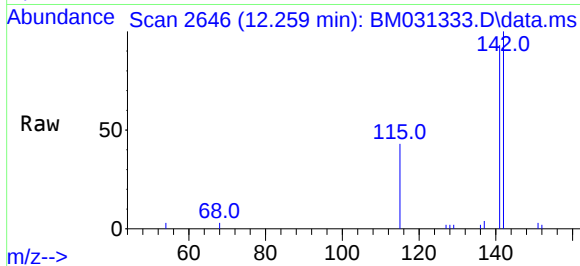
#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. -0.008 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:142 Resp: 5508
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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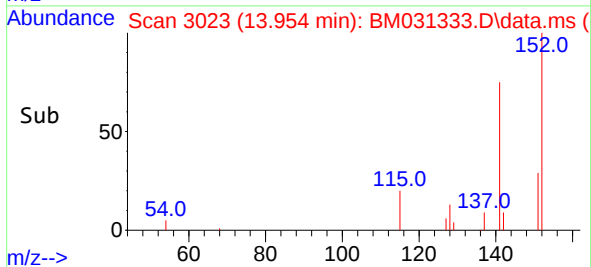
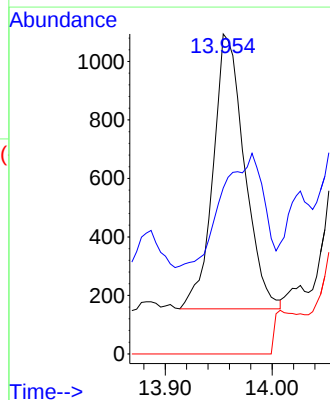
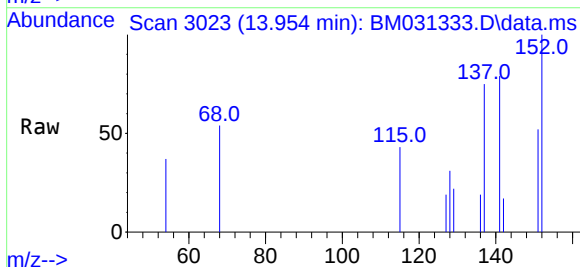
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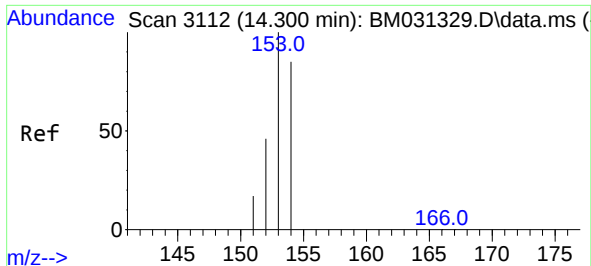
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#10
Acenaphthylene
Concen: 0.099 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. -0.008 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:152 Resp: 1908
Ion Ratio Lower Upper
152 100
151 51.8 16.9 25.3#
153 0.0 0.0 0.0





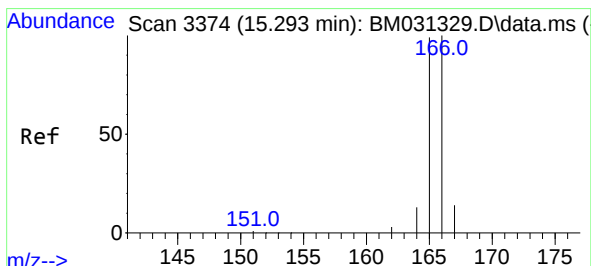
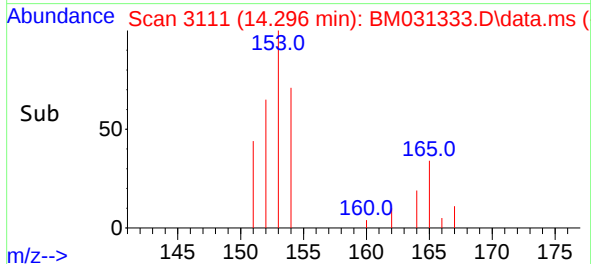
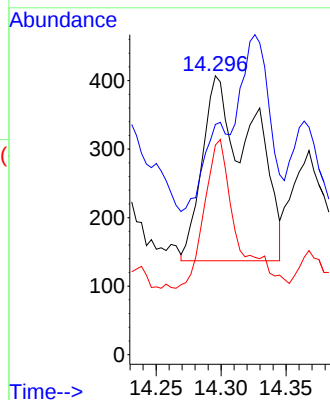
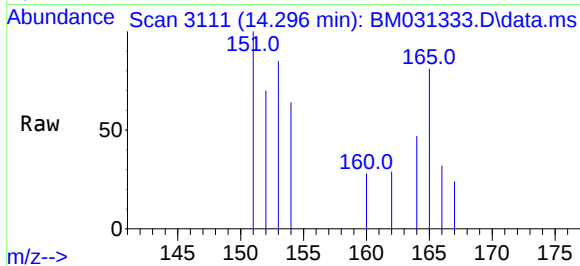
#11
Acenaphthene
Concen: 0.045 ng/ul m
RT: 14.296 min Scan# 3111
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:153 Resp: 722
Ion Ratio Lower Upper
153 100
152 82.6 40.7 61.1#
154 75.2 70.2 105.2

Instrument :
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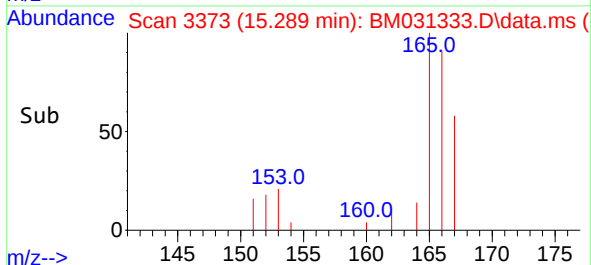
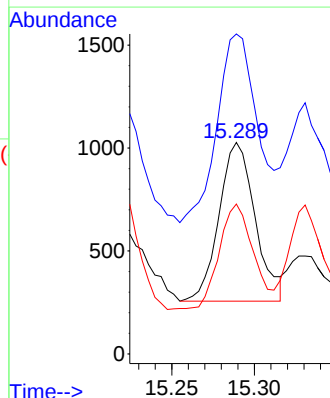
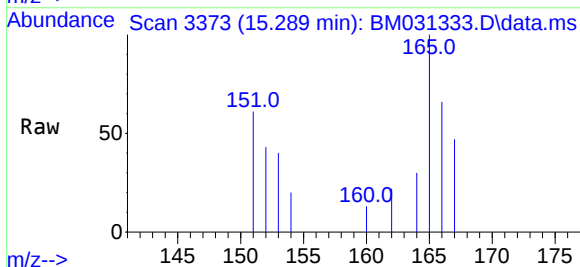
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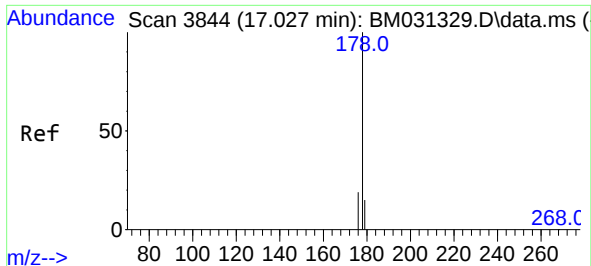
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#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

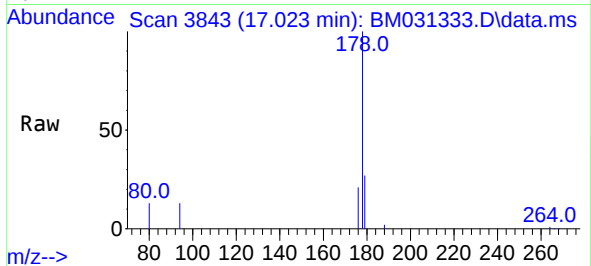
Tgt Ion:166 Resp: 1174
Ion Ratio Lower Upper
166 100
165 151.3 78.0 117.0#
167 70.9 12.0 18.0#





#15
Phenanthrene
Concen: 0.870 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

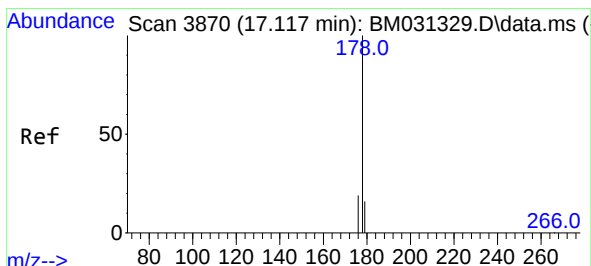
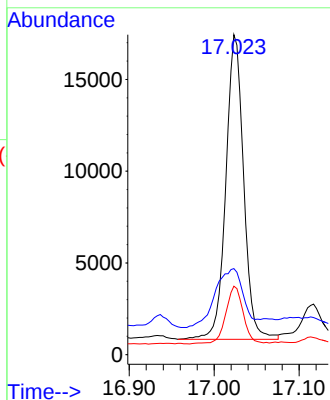
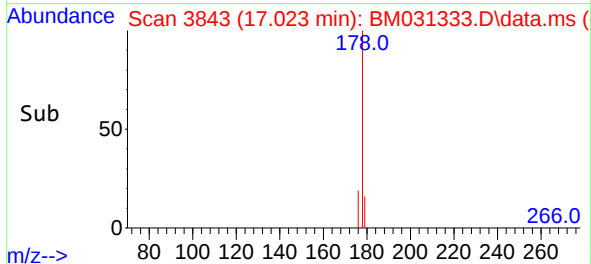
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ClientSampled :
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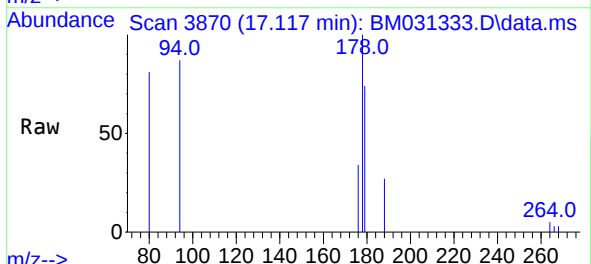
Tgt Ion:178 Resp: 24218
Ion Ratio Lower Upper
178 100
179 26.9 13.3 19.9#
176 21.4 16.2 24.4

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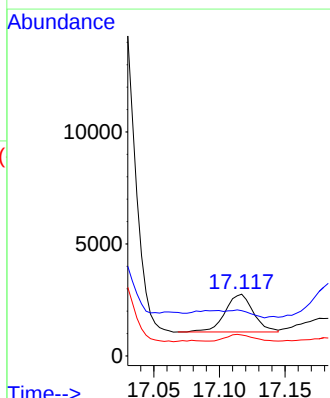
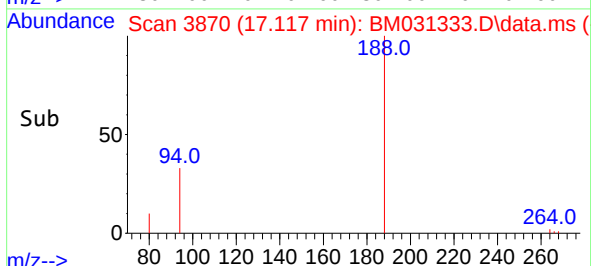
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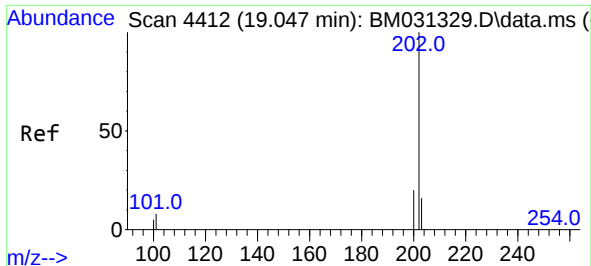


#16
Anthracene
Concen: 0.097 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



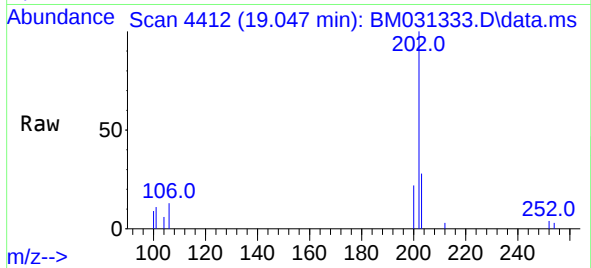
Tgt Ion:178 Resp: 2517
Ion Ratio Lower Upper
178 100
179 73.5 13.0 19.6#
176 34.0 15.6 23.4#





#19
Fluoranthene
Concen: 0.604 ng/u1
RT: 19.047 min Scan# 4412
Delta R.T. -0.004 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

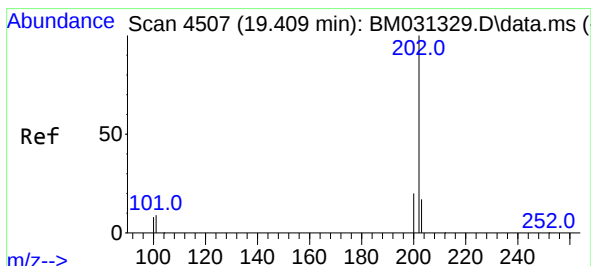
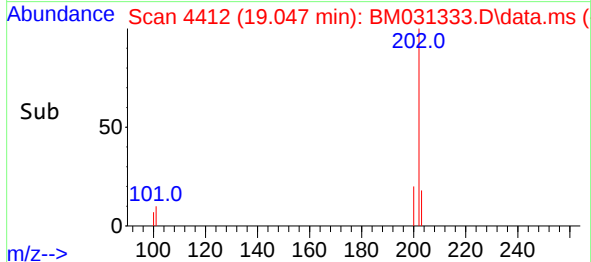
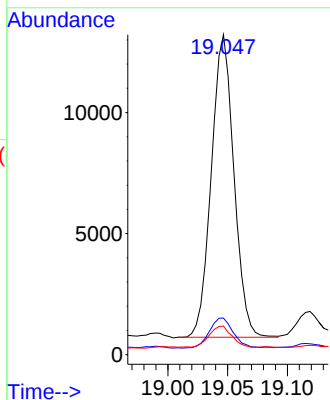
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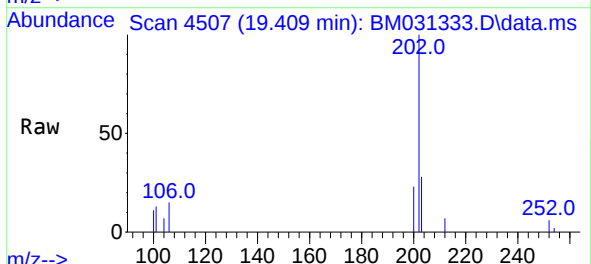
Tgt Ion:202 Resp: 16443
Ion Ratio Lower Upper
202 100
101 11.4 6.6 10.0#
100 8.9 5.4 8.0#

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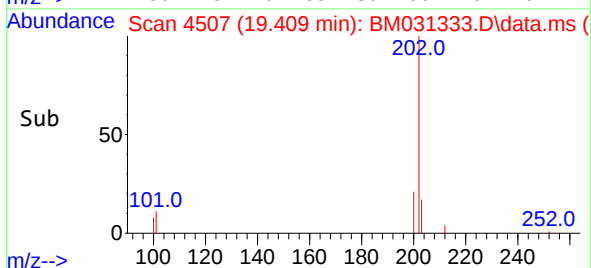
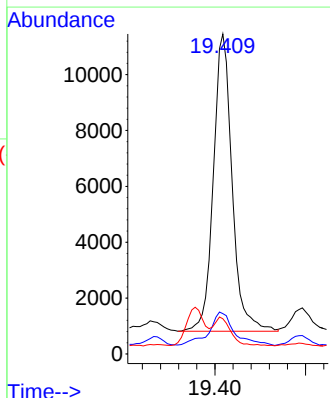
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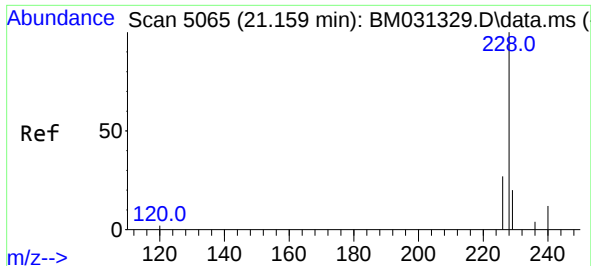


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Pyrene
Concen: 0.554 ng/u1
RT: 19.409 min Scan# 4507
Delta R.T. -0.004 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



Tgt Ion:202 Resp: 15288
Ion Ratio Lower Upper
202 100
101 12.6 7.8 11.6#
100 11.0 6.6 10.0#





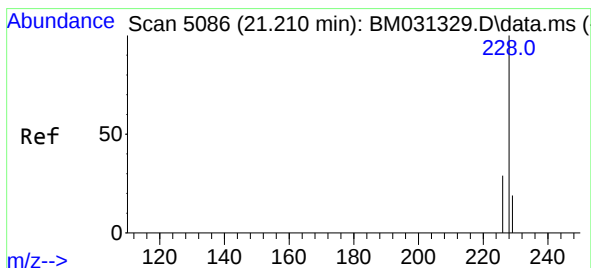
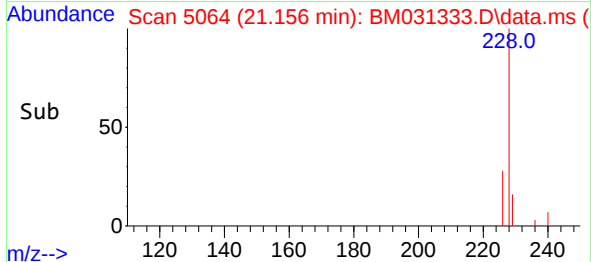
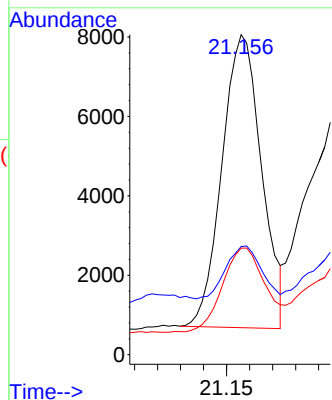
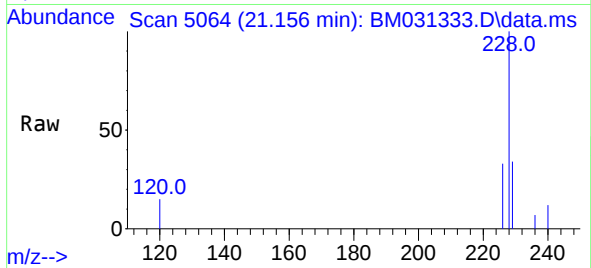
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Benzo(a)anthracene
Concen: 0.343 ng/u1
RT: 21.156 min Scan# 5064
Delta R.T. -0.005 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:228 Resp: 8819
Ion Ratio Lower Upper
228 100
229 33.8 15.6 23.4#
226 33.3 21.7 32.5#

Instrument :
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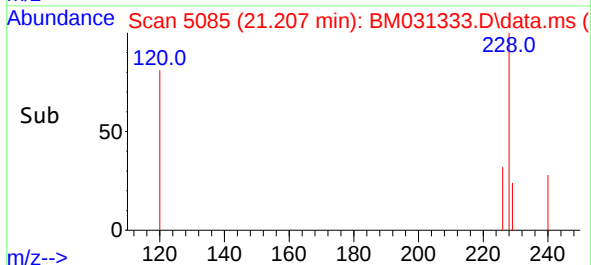
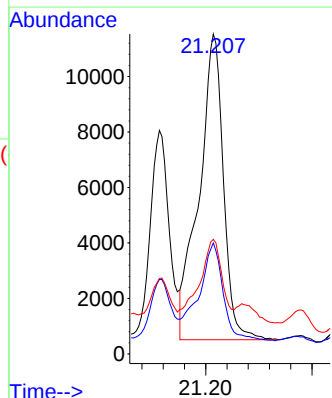
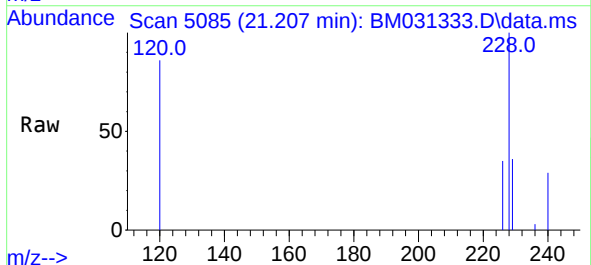
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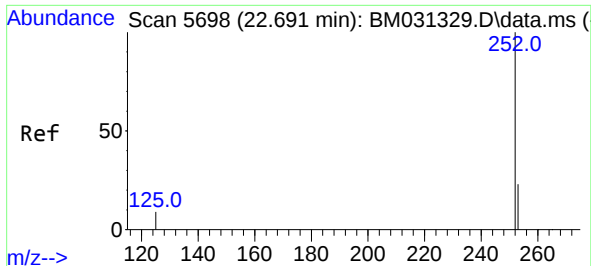
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#22
Chrysene
Concen: 0.660 ng/u1
RT: 21.207 min Scan# 5085
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:228 Resp: 17569
Ion Ratio Lower Upper
228 100
226 34.7 24.7 37.1
229 35.8 16.2 24.2#





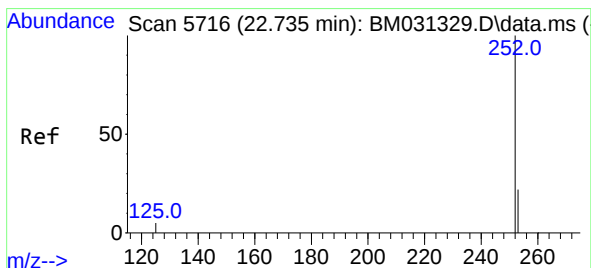
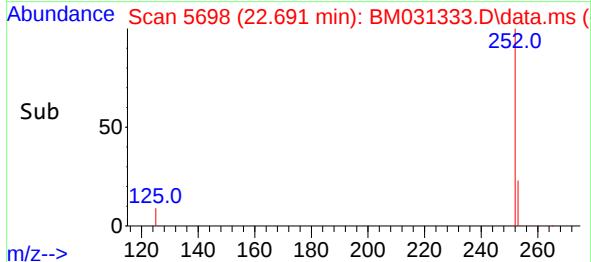
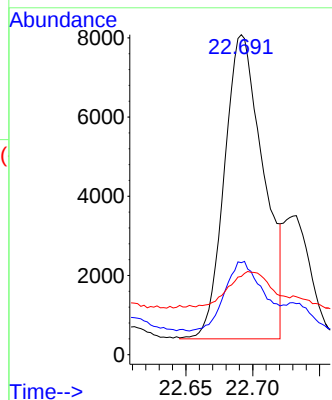
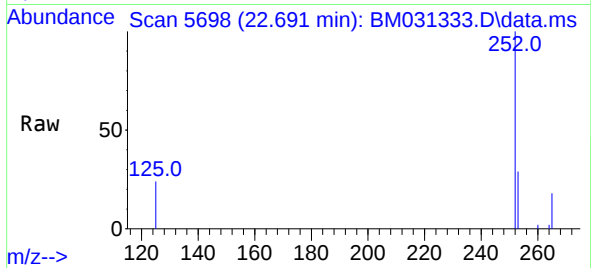
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Benzo(b)fluoranthene
Concen: 0.571 ng/ul m
RT: 22.691 min Scan# 5698
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:	252	Resp:	15508
Ion Ratio	Lower	Upper	
252	100		
253	28.7	0.0	53.0
125	24.5	0.0	22.8#

Instrument :
BNA_M
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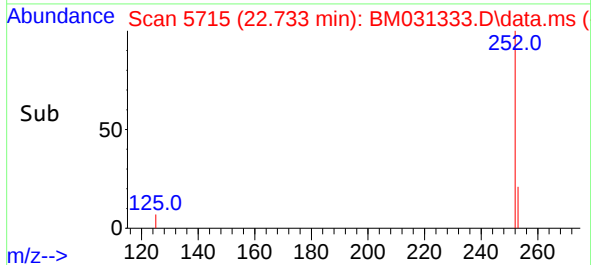
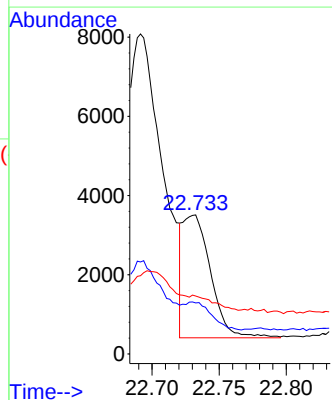
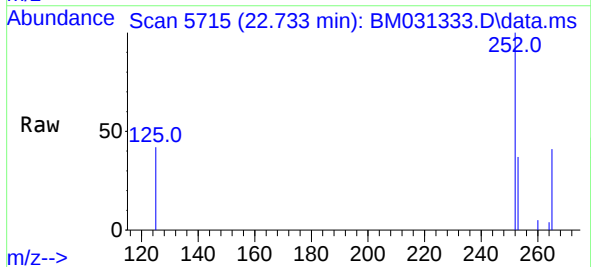
Manual Integrations
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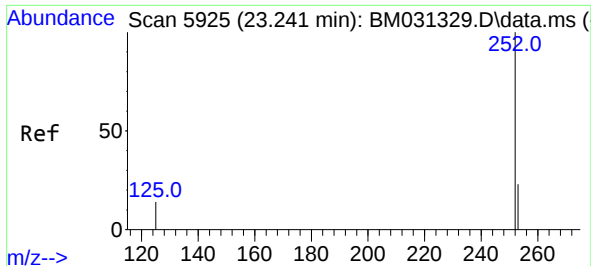
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#25
Benzo(k)fluoranthene
Concen: 0.159 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:	252	Resp:	4459
Ion Ratio	Lower	Upper	
252	100		
253	36.7	21.3	31.9#
125	41.6	8.8	13.2#





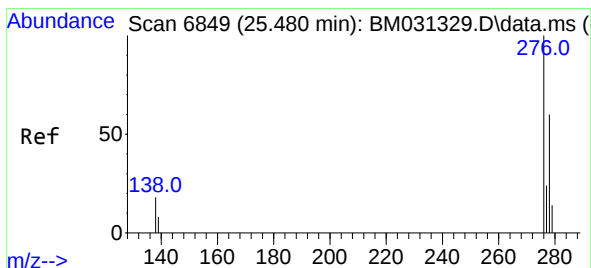
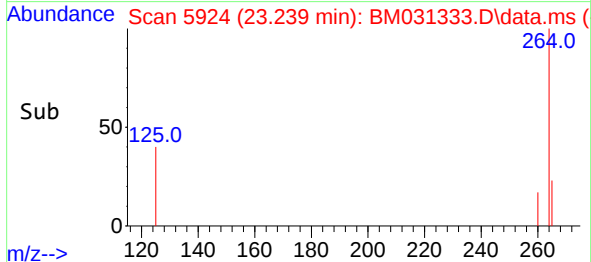
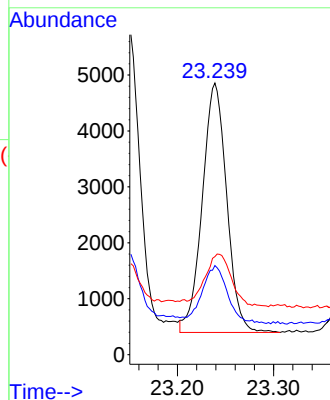
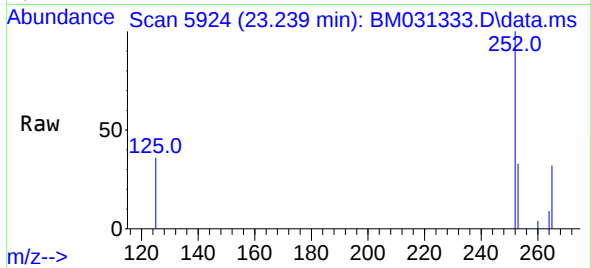
#26
Benzo(a)pyrene
Concen: 0.331 ng/ul
RT: 23.239 min Scan# 5924
Delta R.T. -0.009 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:	252	Resp:	7866
Ion Ratio	Lower	Upper	
252	100		
253	32.8	22.4	33.6
125	36.1	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0048DL

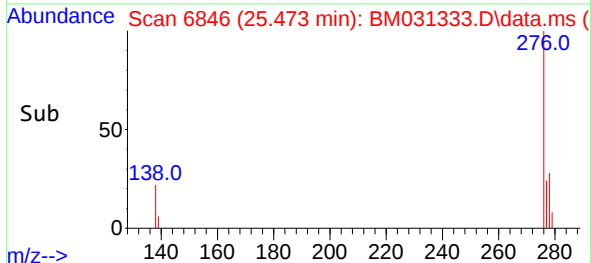
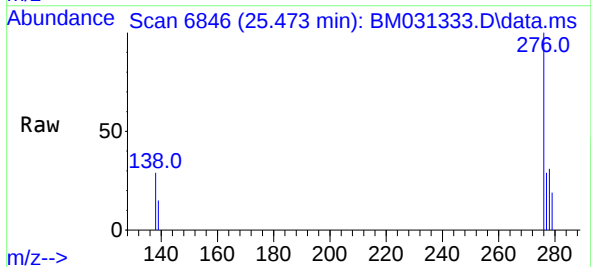
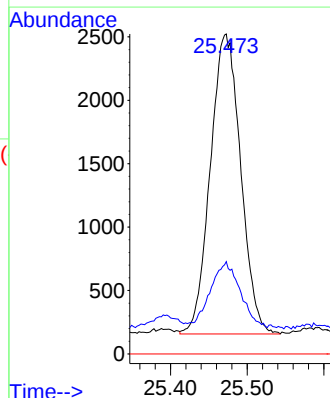
Manual Integrations
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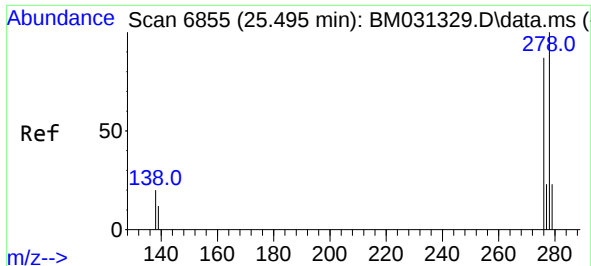
mohammad
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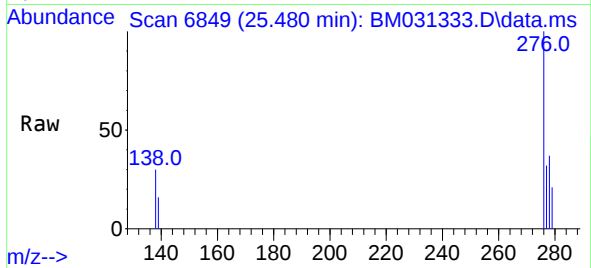
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.212 ng/ul
RT: 25.473 min Scan# 6846
Delta R.T. -0.017 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39

Tgt Ion:	276	Resp:	6509
Ion Ratio	Lower	Upper	
276	100		
138	21.4	15.8	23.8
227	0.0	0.0	0.0

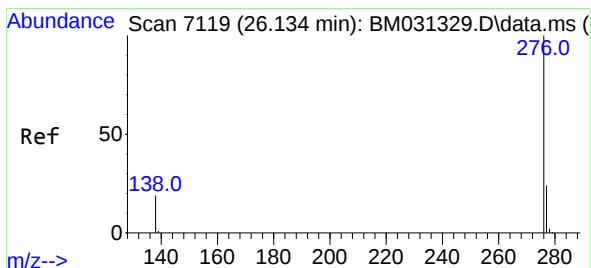
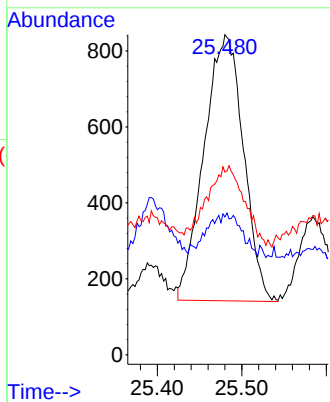
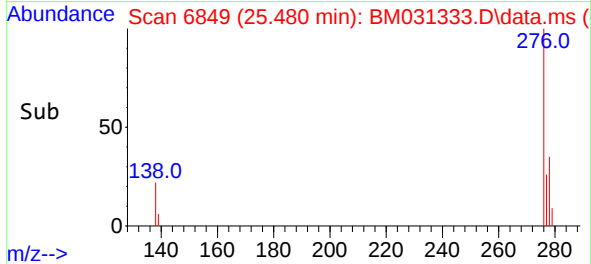




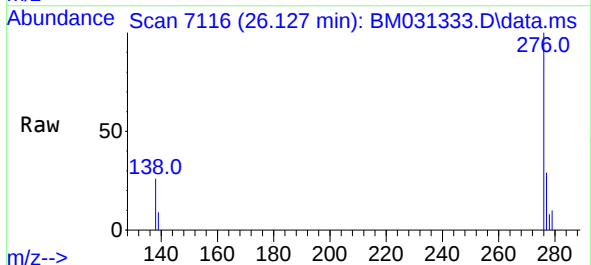
#28
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.024 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



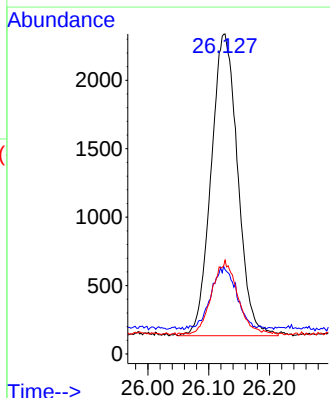
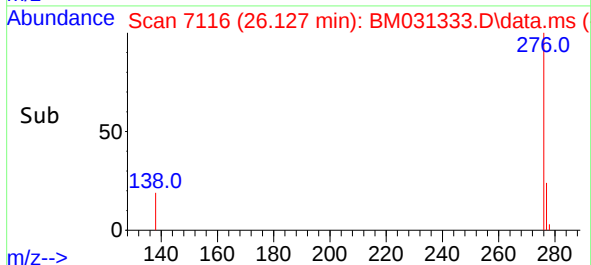
Tgt Ion:278 Resp: 2268
Ion Ratio Lower Upper
278 100
139 43.1 13.3 19.9#
279 57.1 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.255 ng/ul
RT: 26.127 min Scan# 7116
Delta R.T. -0.017 min
Lab File: BM031333.D
Acq: 01 Aug 2021 04:39



Tgt Ion:276 Resp: 6684
Ion Ratio Lower Upper
276 100
138 26.4 15.4 23.2#
277 29.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0048DL

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