

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031335.D
 Acq On : 01 Aug 2021 05:52
 Operator : CG/JU
 Sample : M3091-09DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0047DL

Manual Integrations
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Quant Time: Aug 02 01:15:38 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	1573	0.400	ng/ul	0.00
4) Naphthalene-d8	10.365	136	6066	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.235	164	3744	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.982	188	7157	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.171	240	5471	0.400	ng/ul	# 0.00
23) Perylene-d12	23.331	264	5187	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	969	0.555	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.962	152	379	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.012	212	788	0.043	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.415	128	12396	0.686	ng/ul	98
7) 2-Methylnaphthalene	12.034	142	13931	1.129	ng/ul	100
8) 1-Methylnaphthalene	12.254	142	6385	0.523	ng/ul	99
11) Acenaphthene	14.326	153	452m	0.034	ng/ul	
12) Fluorene	15.289	166	533	0.035	ng/ul#	62
15) Phenanthrene	17.023	178	23348	1.027	ng/ul	98
16) Anthracene	17.114	178	1183	0.056	ng/ul#	85
19) Fluoranthene	19.047	202	4618	0.198	ng/ul#	90
20) Pyrene	19.405	202	4592	0.194	ng/ul#	89
21) Benzo(a)anthracene	21.154	228	2280	0.103	ng/ul#	74
22) Chrysene	21.205	228	8326	0.364	ng/ul#	92
24) Benzo(b)fluoranthene	22.689	252	2632m	0.113	ng/ul	
26) Benzo(a)pyrene	23.237	252	841	0.041	ng/ul#	1
28) Dibenzo(a,h)anthracene	25.483	278	475	0.022	ng/ul#	1
29) Benzo(g,h,i)perylene	26.122	276	848	0.038	ng/ul#	54

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

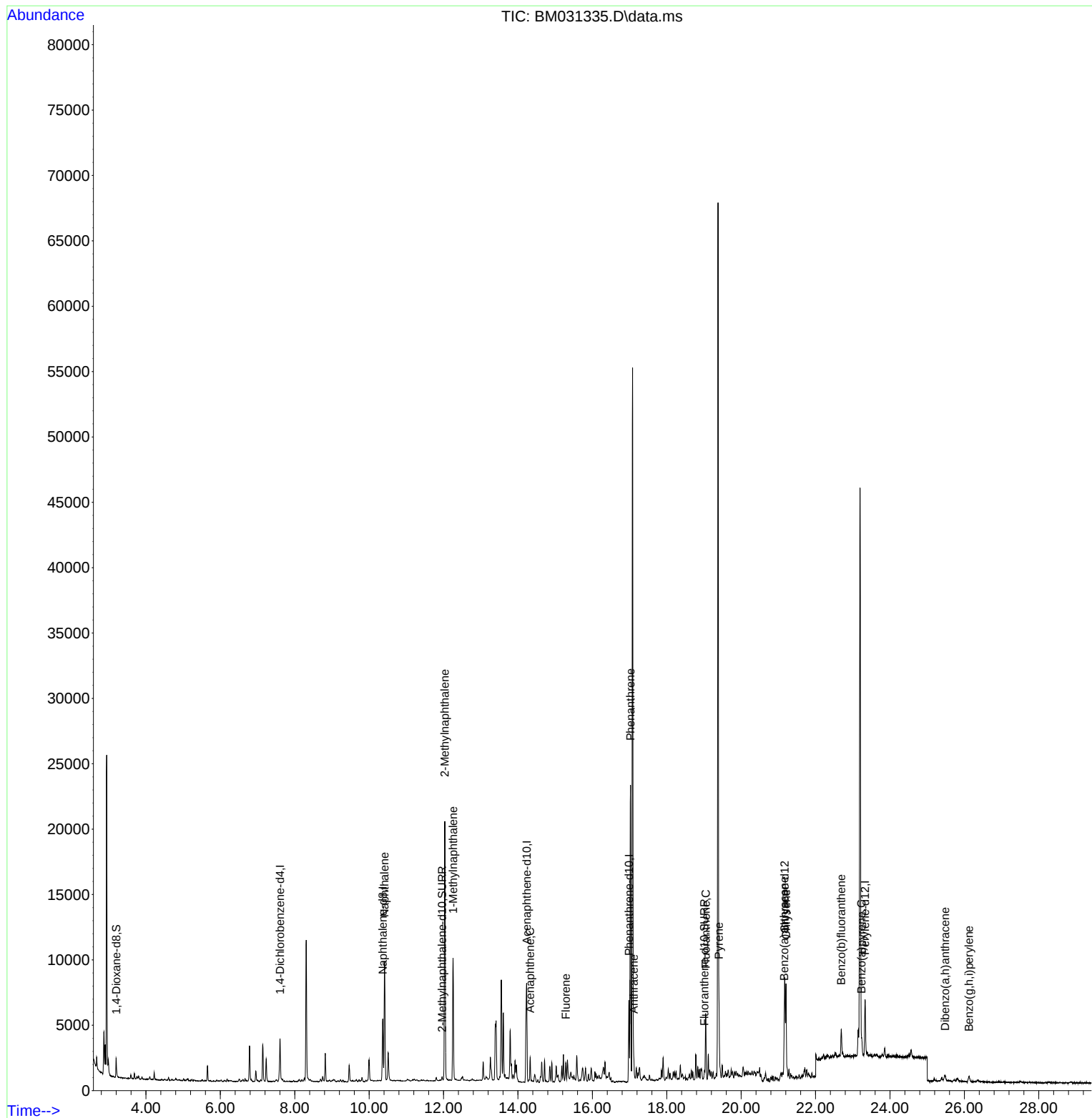
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
Data File : BM031335.D
Acq On : 01 Aug 2021 05:52
Operator : CG/JU
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Misc :
ALS Vial : 31 Sample Multiplier: 1

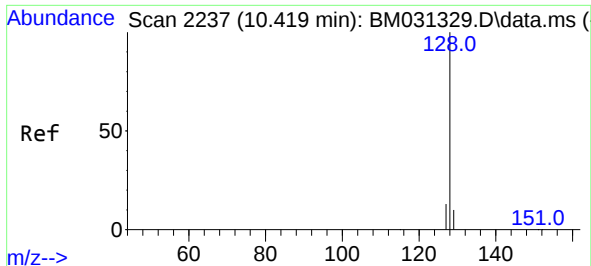
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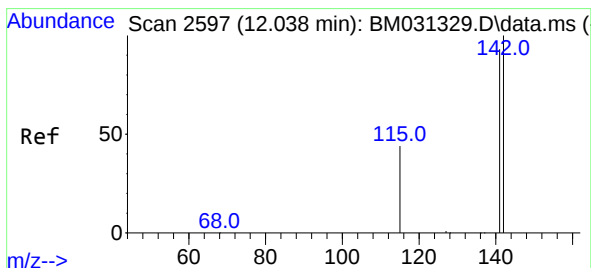
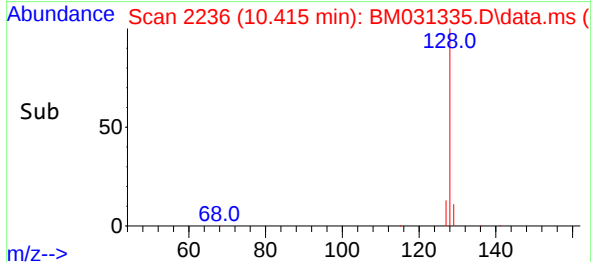
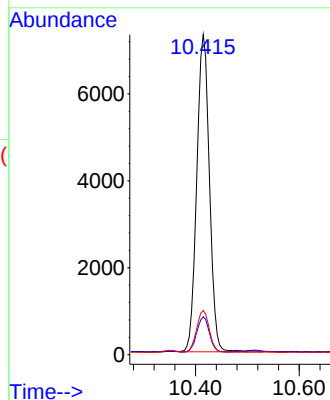
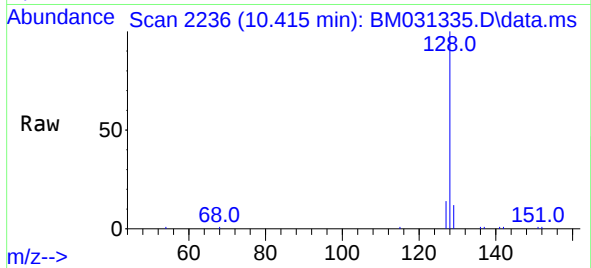
#5
Naphthalene
Concen: 0.686 ng/ul
RT: 10.415 min Scan# 2236
Delta R.T. -0.008 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

Tgt Ion:	128	Resp:	12396
Ion Ratio	Lower	Upper	
128	100		
129	11.8	10.0	15.0
127	13.8	11.6	17.4

Instrument :
BNA_M
ClientSampled :
C0047DL

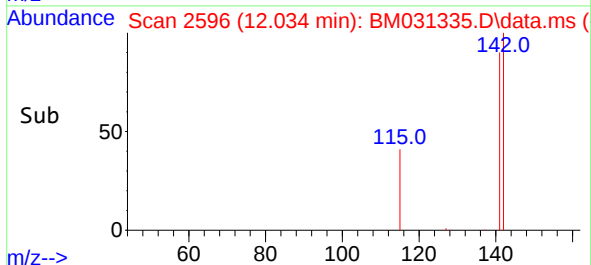
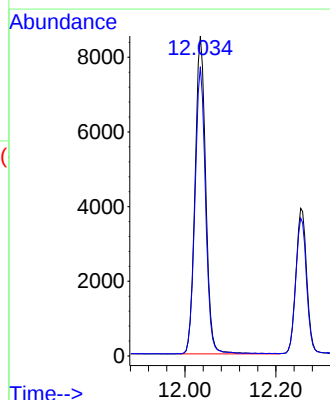
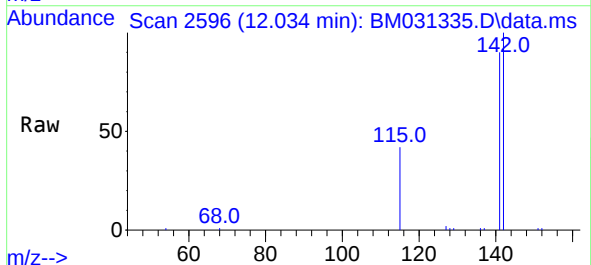
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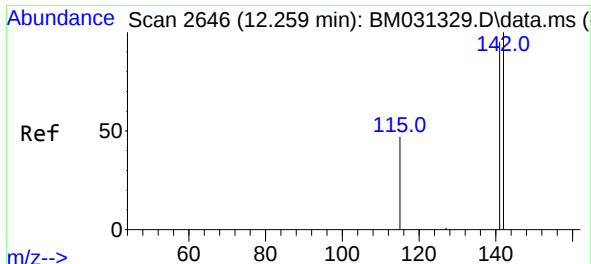
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#7
2-Methylnaphthalene
Concen: 1.129 ng/ul
RT: 12.034 min Scan# 2596
Delta R.T. -0.008 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

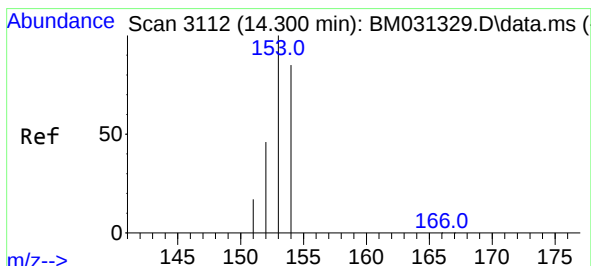
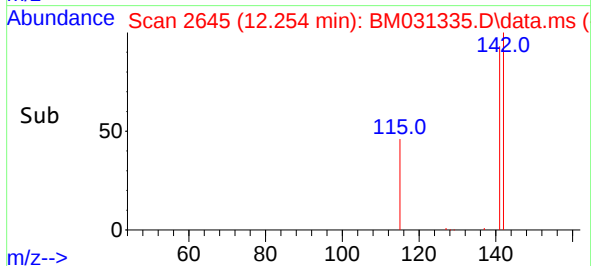
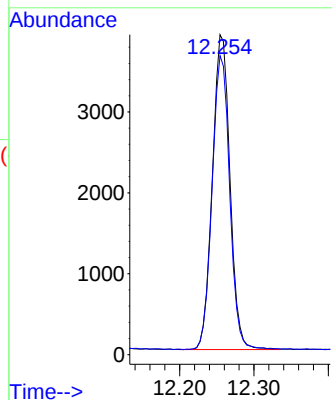
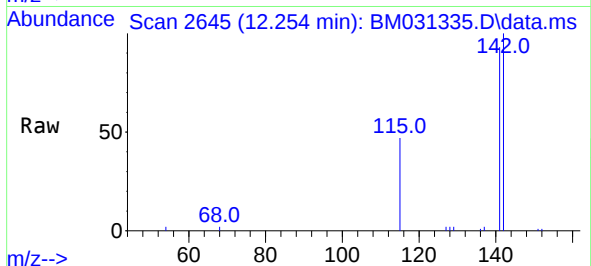
Tgt Ion:	142	Resp:	13931
Ion Ratio	Lower	Upper	
142	100		
141	89.7	71.4	107.0





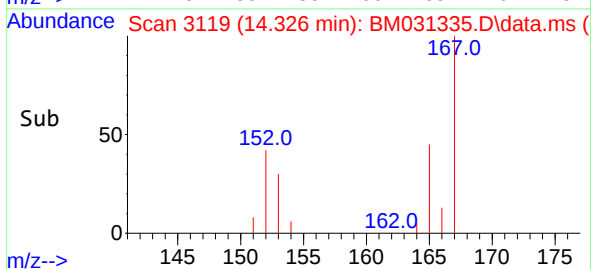
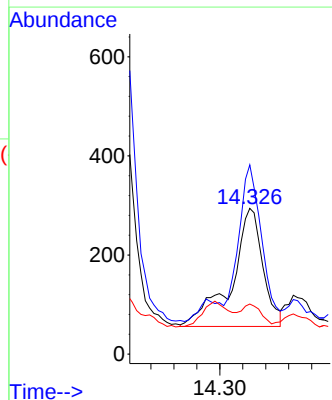
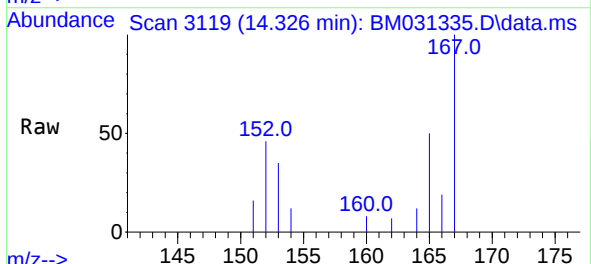
#8
1-Methylnaphthalene
Concen: 0.523 ng/ul
RT: 12.254 min Scan# 2645
Delta R.T. -0.012 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

Tgt Ion:142 Resp: 6385
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



#11
Acenaphthene
Concen: 0.034 ng/ul m
RT: 14.326 min Scan# 3119
Delta R.T. 0.023 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

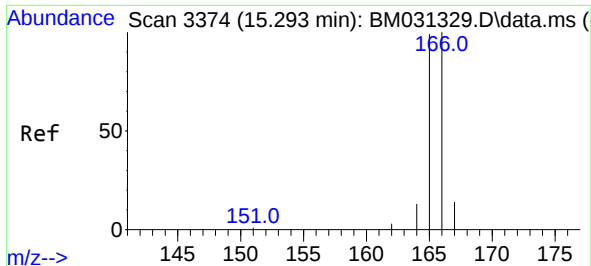
Tgt Ion:153 Resp: 452
Ion Ratio Lower Upper
153 100
152 129.9 40.7 61.1#
154 34.4 70.2 105.2#



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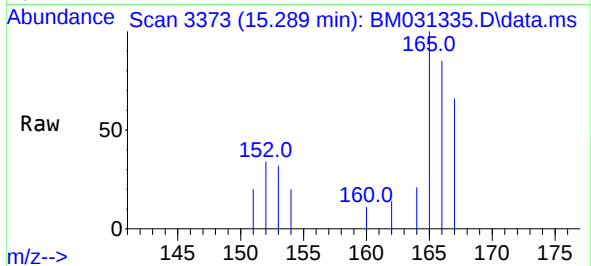
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#12
Fluorene
Concen: 0.035 ng/u1
RT: 15.289 min Scan# 3373
Delta R.T. -0.007 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

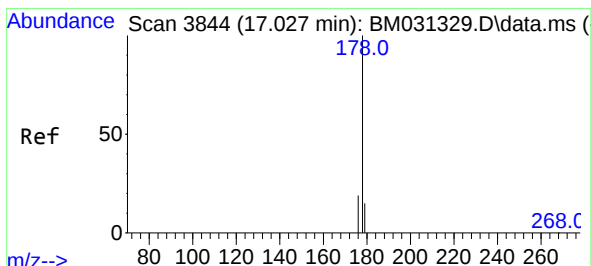
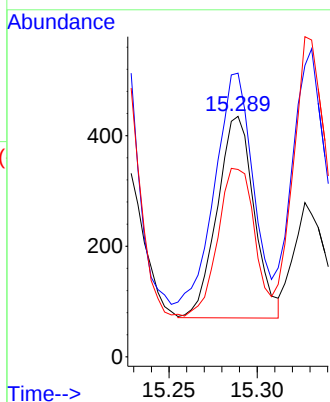
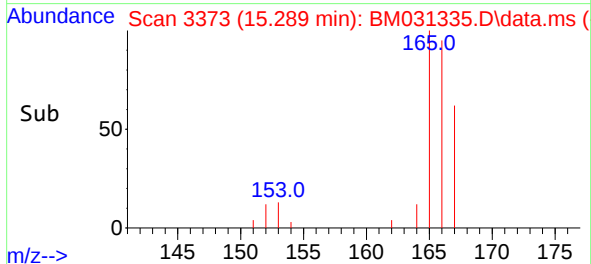
Instrument :
BNA_M
ClientSampled :
C0047DL



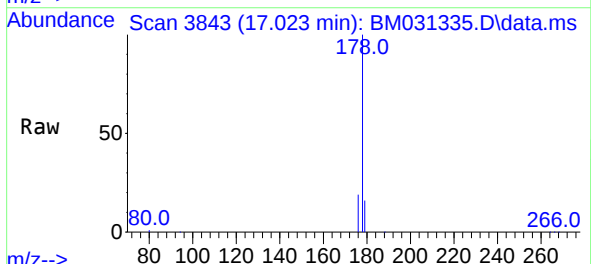
Tgt Ion:166 Resp: 533
Ion Ratio Lower Upper
166 100
165 117.9 78.0 117.0#
167 77.9 12.0 18.0#

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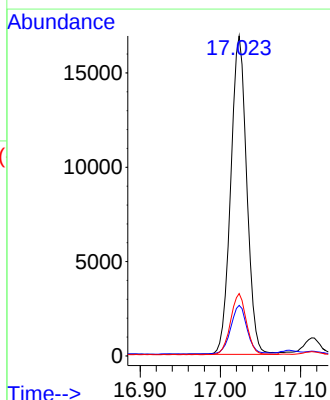
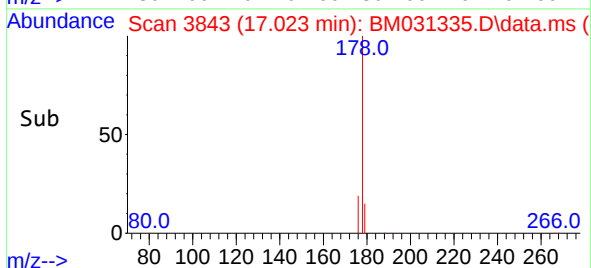
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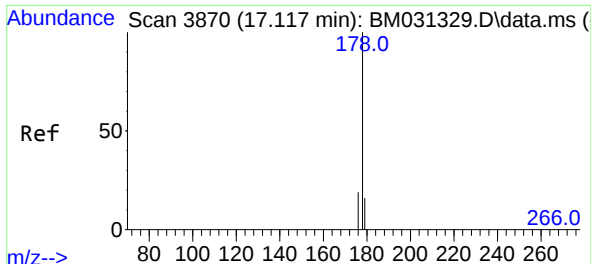


#15
Phenanthrene
Concen: 1.027 ng/u1
RT: 17.023 min Scan# 3843
Delta R.T. -0.006 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52



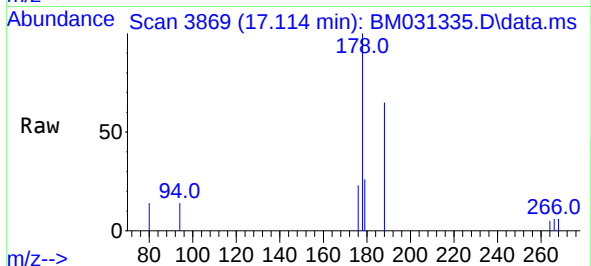
Tgt Ion:178 Resp: 23348
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.5 16.2 24.4





#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.114 min Scan# 3869
 Delta R.T. -0.006 min
 Lab File: BM031335.D
 Acq: 01 Aug 2021 05:52

Instrument :
 BNA_M
 ClientSampleID :
 C0047DL

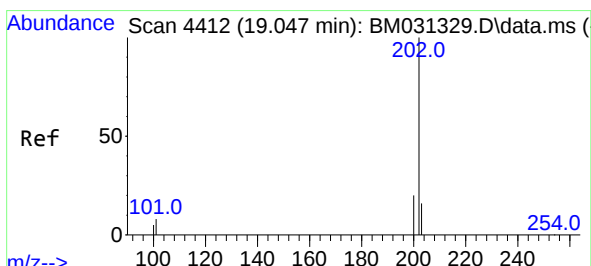
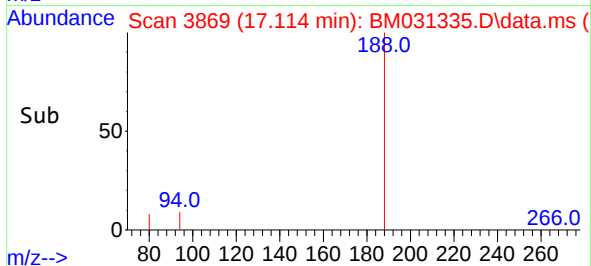
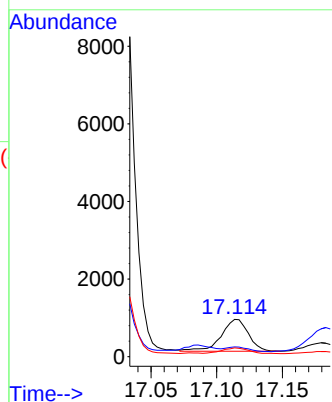


Tgt Ion:178 Resp: 1183

Ion	Ratio	Lower	Upper
178	100		
179	26.3	13.0	19.6#
176	23.5	15.6	23.4#

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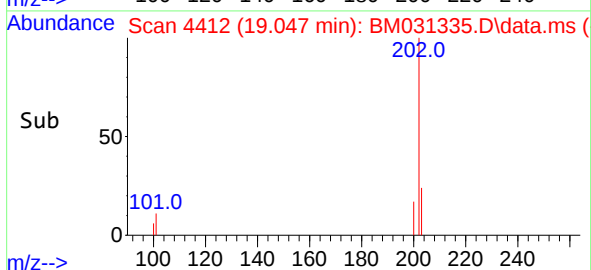
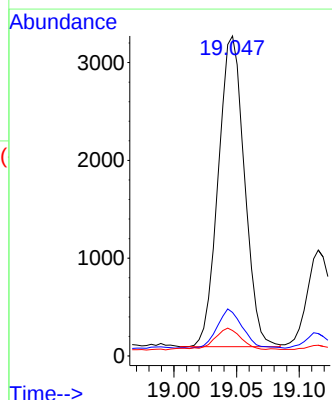
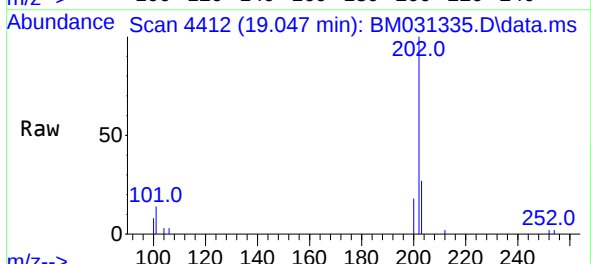
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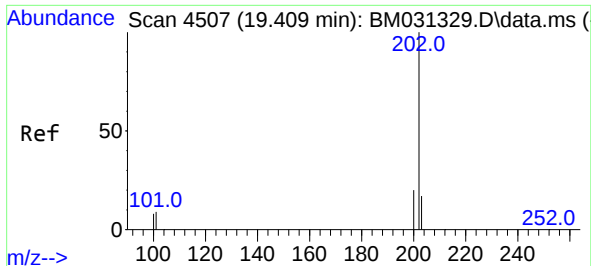


#19
 Fluoranthene
 Concen: 0.198 ng/ul
 RT: 19.047 min Scan# 4412
 Delta R.T. -0.003 min
 Lab File: BM031335.D
 Acq: 01 Aug 2021 05:52

Tgt Ion:202 Resp: 4618

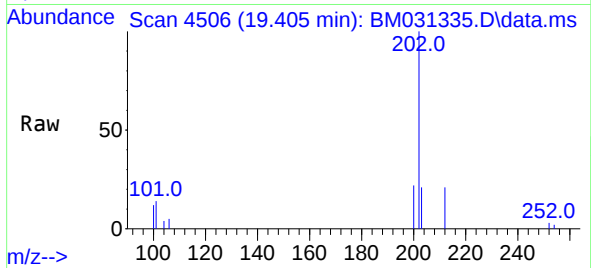
Ion	Ratio	Lower	Upper
202	100		
101	13.6	6.6	10.0#
100	7.9	5.4	8.0





#20
Pyrene
Concen: 0.194 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.007 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

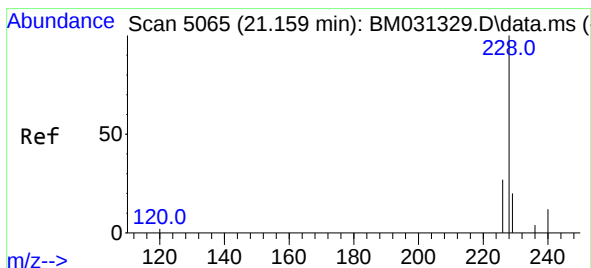
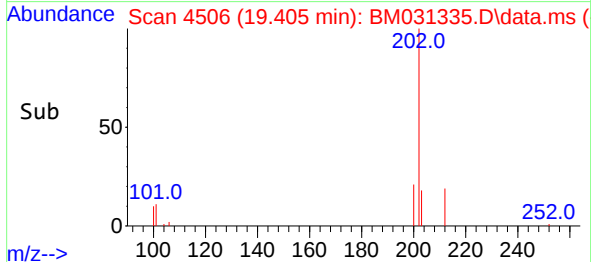
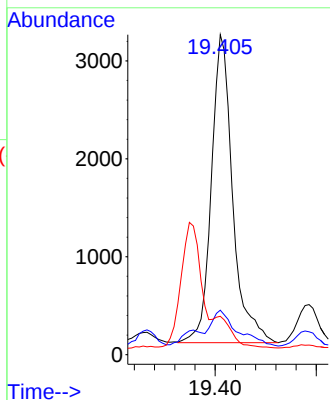
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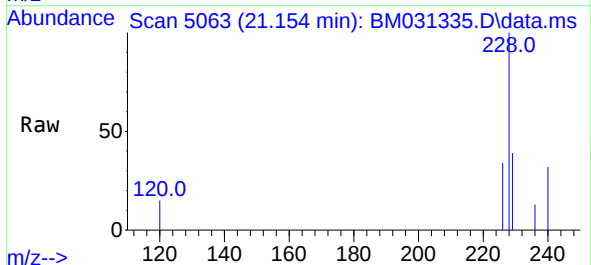
Tgt Ion:202 Resp: 4592
Ion Ratio Lower Upper
202 100
101 13.9 7.8 11.6#
100 12.0 6.6 10.0#

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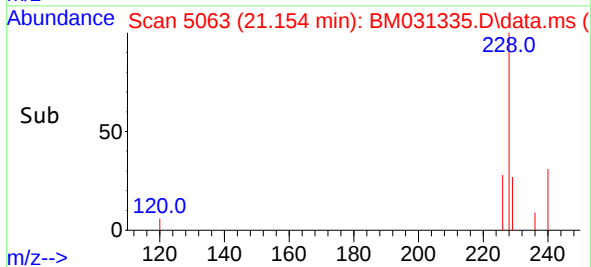
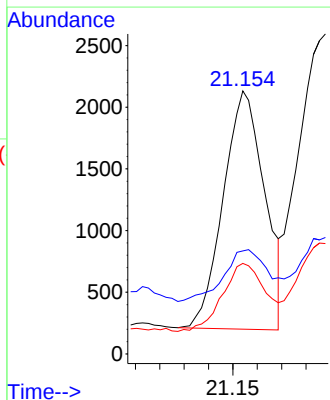
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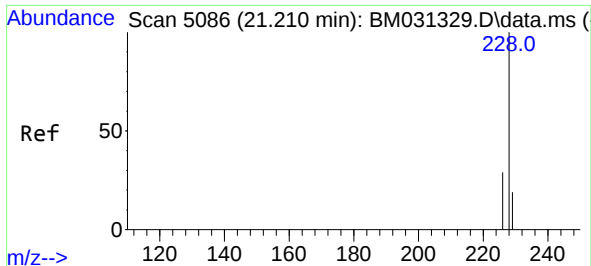


#21
Benzo(a)anthracene
Concen: 0.103 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.007 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

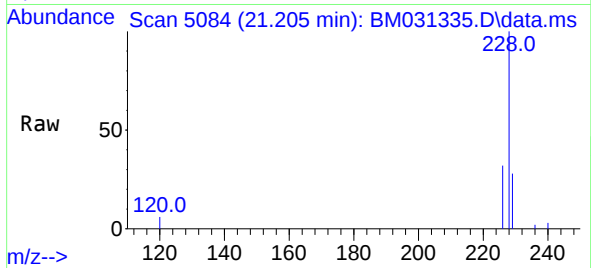


Tgt Ion:228 Resp: 2280
Ion Ratio Lower Upper
228 100
229 39.2 15.6 23.4#
226 34.4 21.7 32.5#

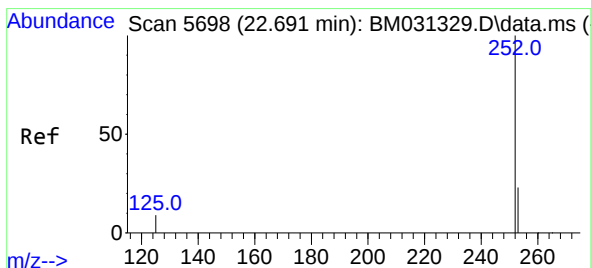
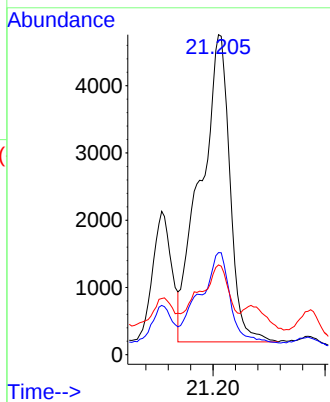
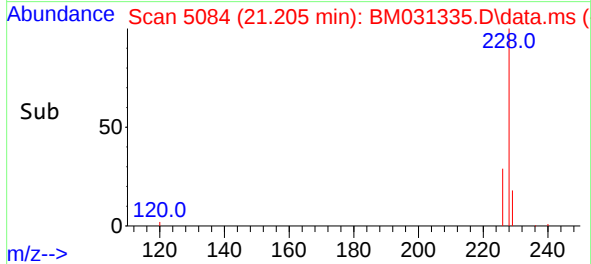




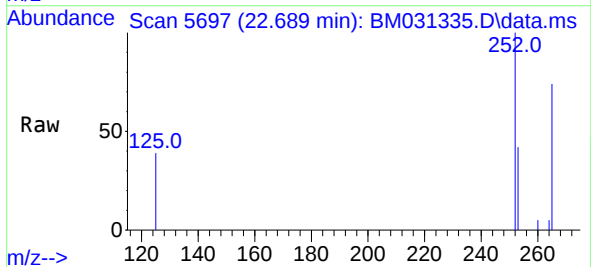
#22
Chrysene
Concen: 0.364 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.009 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52



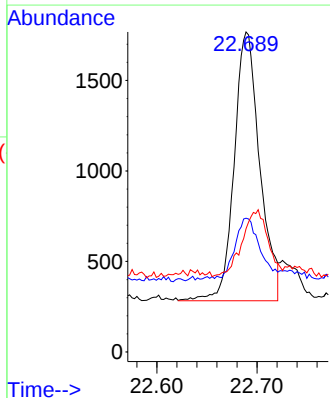
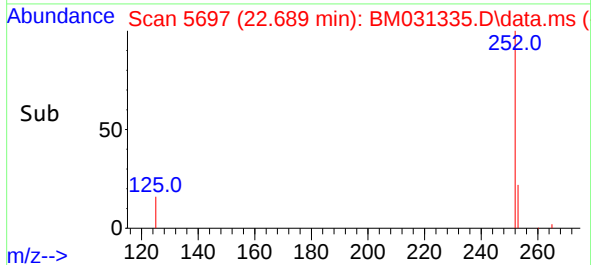
Tgt Ion:228 Resp: 8326
Ion Ratio Lower Upper
228 100
226 31.9 24.7 37.1
229 28.0 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 0.113 ng/ul m
RT: 22.689 min Scan# 5697
Delta R.T. -0.009 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52



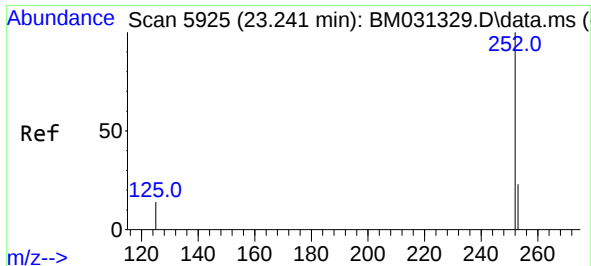
Tgt Ion:252 Resp: 2632
Ion Ratio Lower Upper
252 100
253 41.8 0.0 53.0
125 38.5 0.0 22.8#



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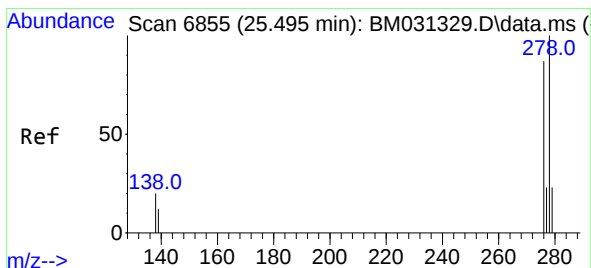
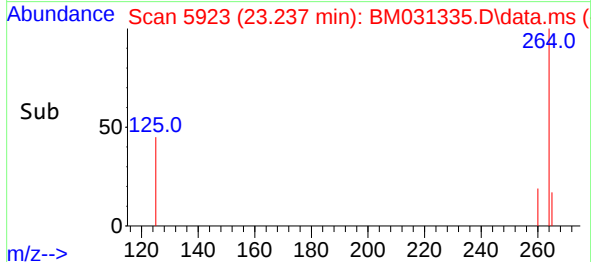
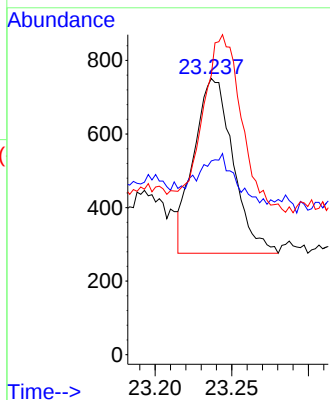
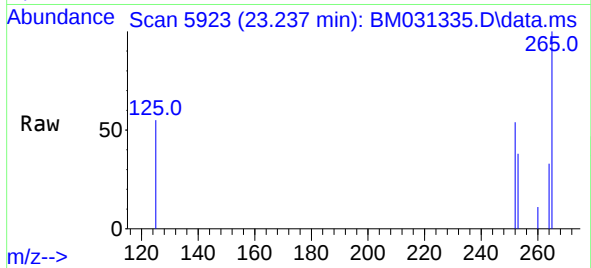
#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.237 min Scan# 5923
Delta R.T. -0.012 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

Tgt Ion:	252	Resp:	841
Ion Ratio	Lower	Upper	
252	100		
253	70.2	22.4	33.6#
125	101.2	13.0	19.4#

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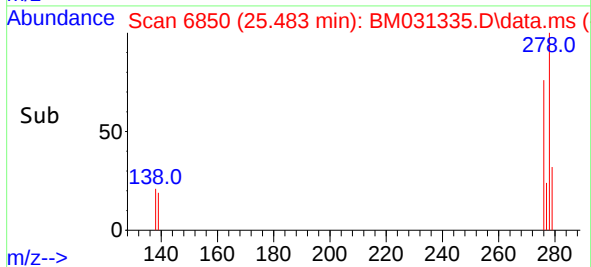
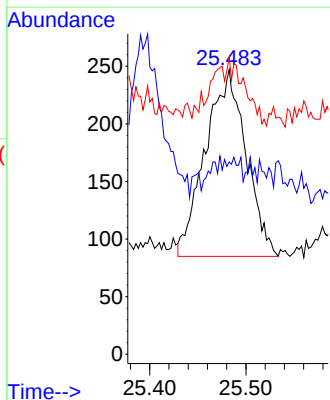
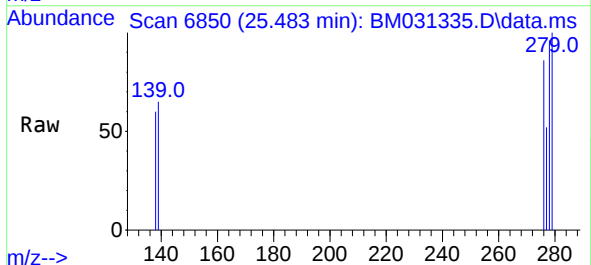
Manual Integrations
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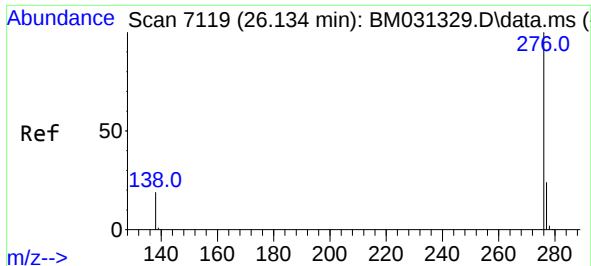
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#28
Dibenzo(a,h)anthracene
Concen: 0.022 ng/ul
RT: 25.483 min Scan# 6850
Delta R.T. -0.021 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

Tgt Ion:	278	Resp:	475
Ion Ratio	Lower	Upper	
278	100		
139	67.6	13.3	19.9#
279	104.5	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.038 ng/ul
RT: 26.122 min Scan# 7114
Delta R.T. -0.021 min
Lab File: BM031335.D
Acq: 01 Aug 2021 05:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	45.5	15.4	23.2#
277	43.6	19.9	29.9#

Instrument :
BNA_M
ClientSampled :
C0047DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:42:44 PM

