

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031388.D
 Acq On : 02 Aug 2021 22:52
 Operator : CG/JU
 Sample : M3123-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0066

Manual Integrations
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Quant Time: Aug 03 02:07:06 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 : Mon Aug 02 11:29:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.601	152	1442	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	5639	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.231	164	3811	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	6652	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	5196	0.40	ng/ul	# 0.00
23) Perylene-d12	23.329	264	4781	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2220	1.39	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.953	152	944	0.10	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	1944	0.11	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.410	128	30204	1.80	ng/ul	97
7) 2-Methylnaphthalene	12.029	142	34113	2.97	ng/ul	99
8) 1-Methylnaphthalene	12.250	142	22494	1.98	ng/ul	100
10) Acenaphthylene	13.954	152	823	0.05	ng/ul#	60
11) Acenaphthene	14.322	153	1216m	0.09	ng/ul	
12) Fluorene	15.285	166	1951	0.12	ng/ul#	67
15) Phenanthrene	17.020	178	45524	2.16	ng/ul	98
16) Anthracene	17.110	178	894m	0.05	ng/ul	
19) Fluoranthene	19.043	202	9158	0.41	ng/ul#	91
20) Pyrene	19.405	202	8345	0.37	ng/ul#	92
21) Benzo(a)anthracene	21.154	228	3785	0.18	ng/ul#	47
22) Chrysene	21.203	228	20620	0.95	ng/ul#	92
24) Benzo(b)fluoranthene	22.687	252	7994m	0.37	ng/ul	
25) Benzo(k)fluoranthene	22.730	252	955m	0.04	ng/ul	
26) Benzo(a)pyrene	23.234	252	1737	0.09	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.471	276	1642	0.07	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.475	278	1107	0.06	ng/ul#	1

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

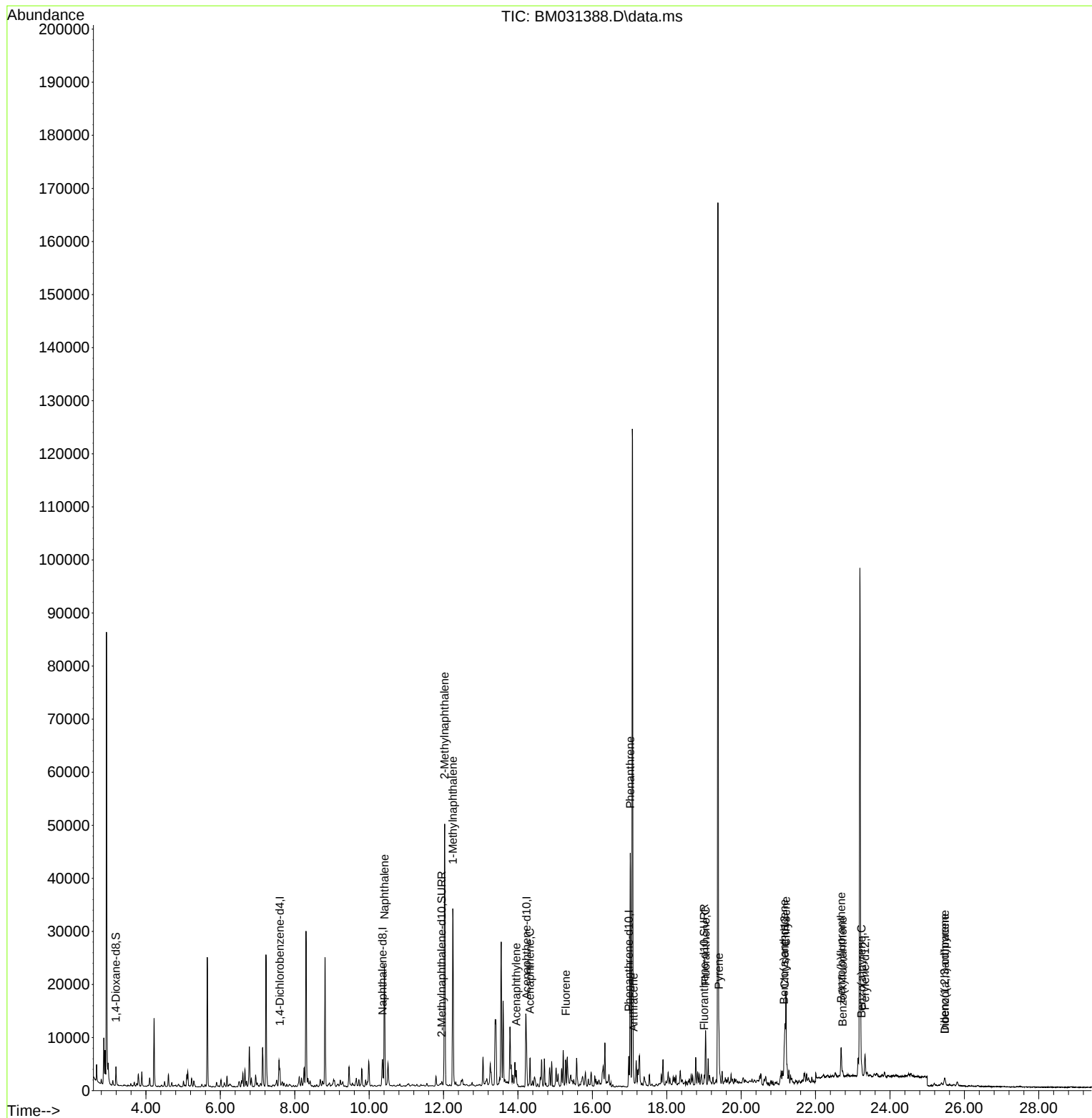
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
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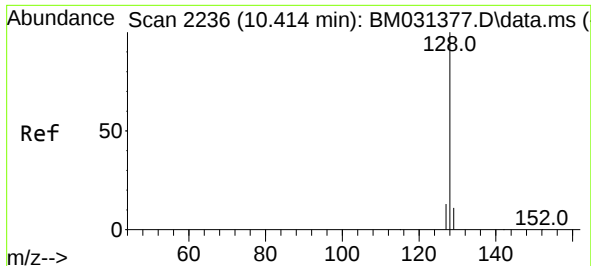
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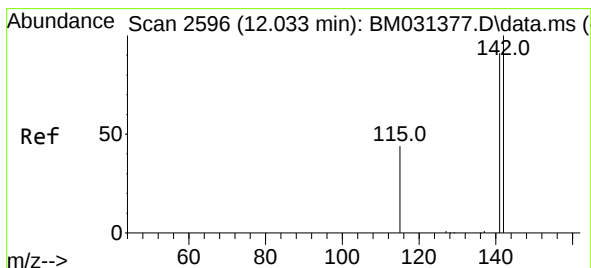
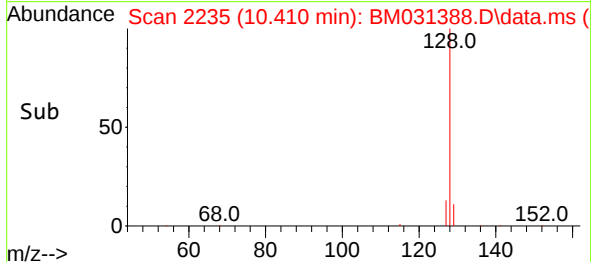
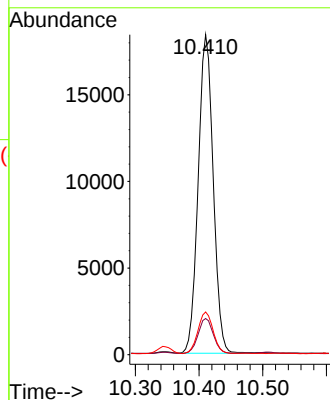
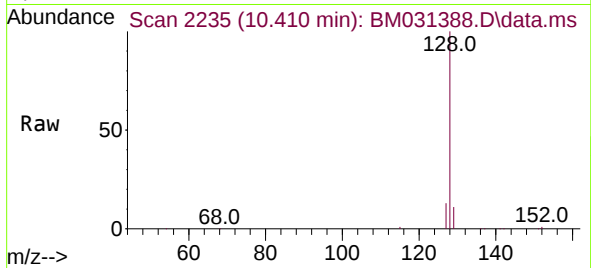
#5
Naphthalene
Concen: 1.80 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	10.0	15.0
127	13.3	11.6	17.4

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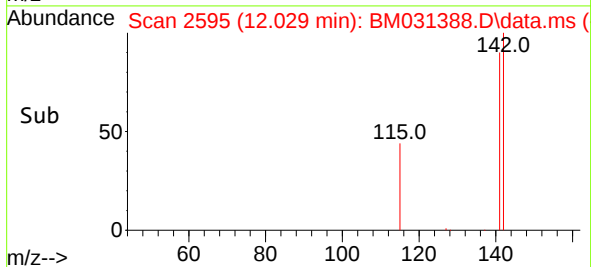
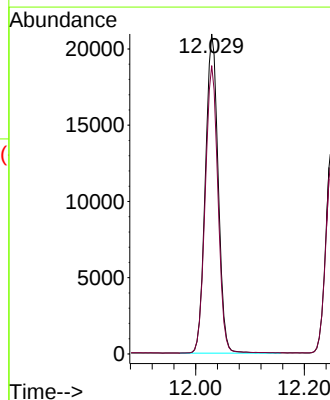
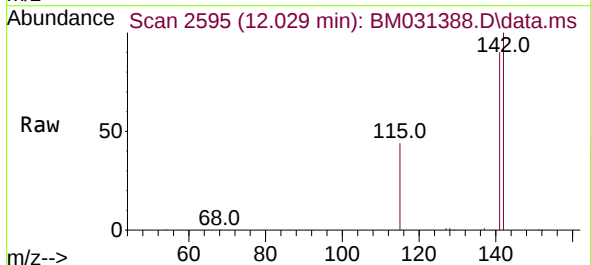
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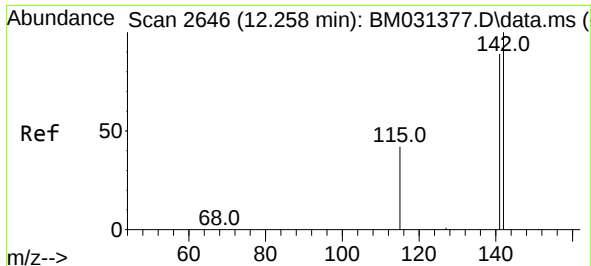
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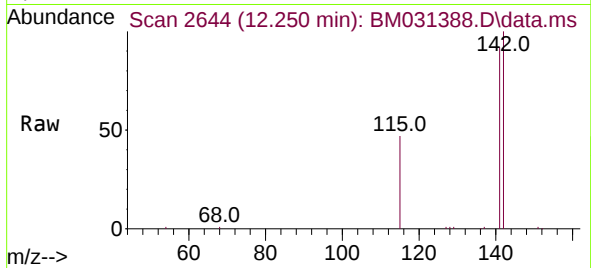
#7
2-Methylnaphthalene
Concen: 2.97 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.0

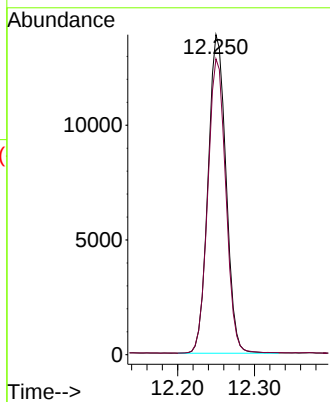
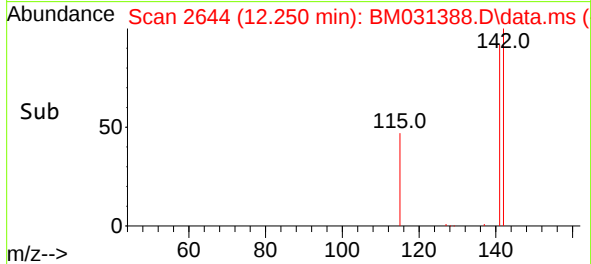




#8
1-Methylnaphthalene
Concen: 1.98 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



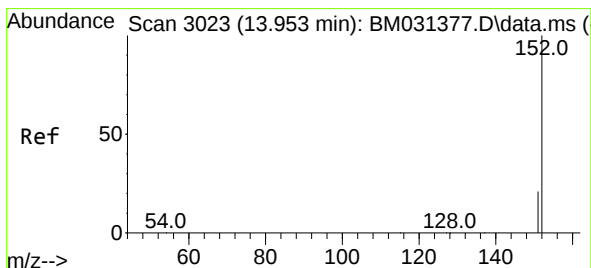
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Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1



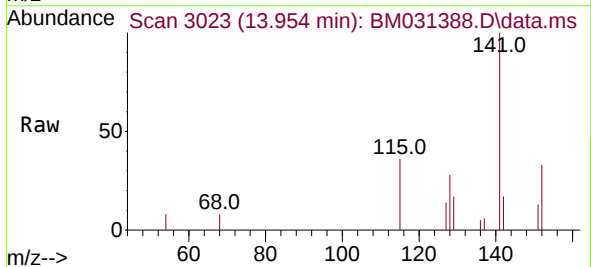
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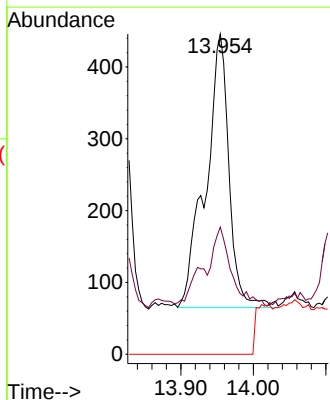
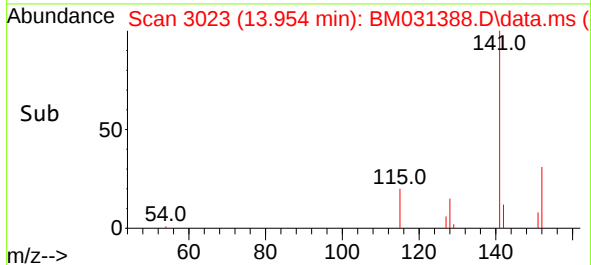
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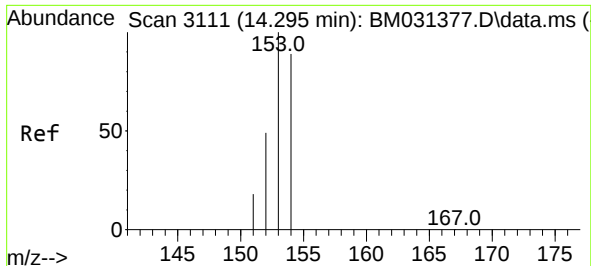


#10
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.954 min Scan# 3023
Delta R.T. 0.000 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

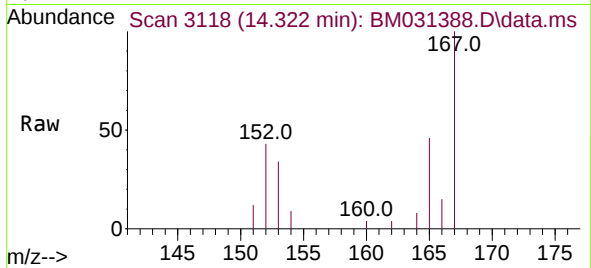


Tgt Ion:152 Resp: 823
Ion Ratio Lower Upper
152 100
151 39.7 16.9 25.3#
153 0.0 0.0 0.0

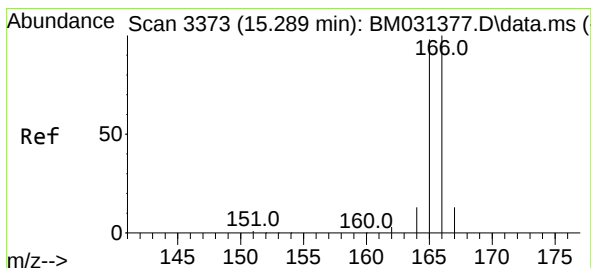
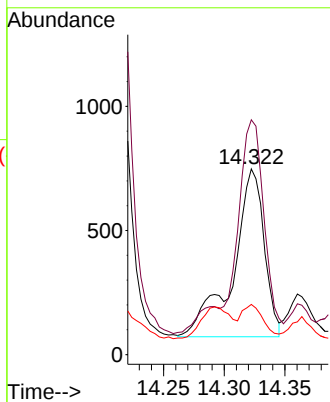
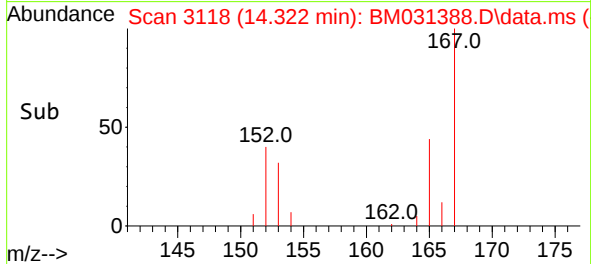




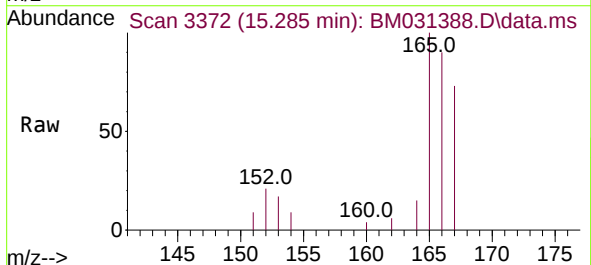
#11
Acenaphthene
Concen: 0.09 ng/ul m
RT: 14.322 min Scan# 3118
Delta R.T. 0.027 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



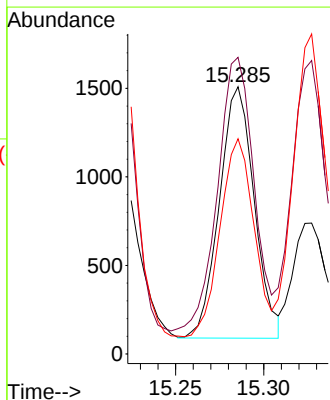
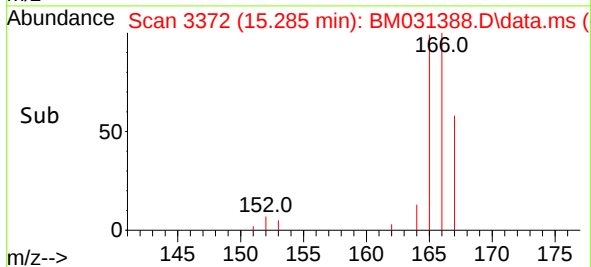
Tgt Ion:153 Resp: 1216
Ion Ratio Lower Upper
153 100
152 126.5 40.7 61.1#
154 27.0 70.2 105.2#



#12
Fluorene
Concen: 0.12 ng/ul
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



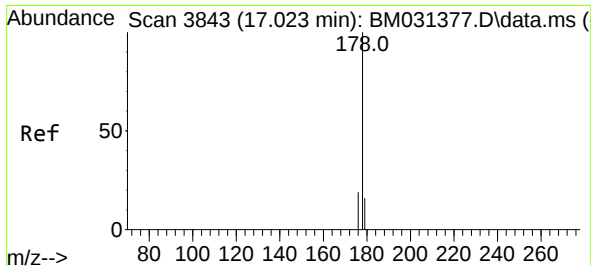
Tgt Ion:166 Resp: 1951
Ion Ratio Lower Upper
166 100
165 111.0 78.0 117.0
167 80.5 12.0 18.0#



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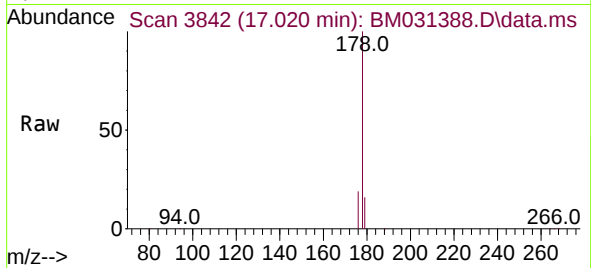
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#15
Phenanthrene
Concen: 2.16 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

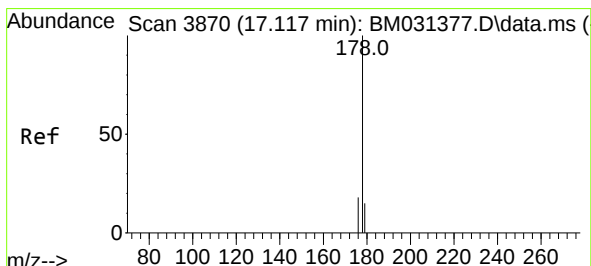
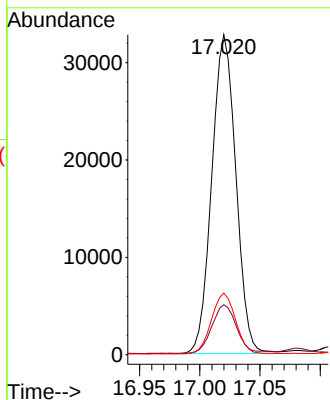
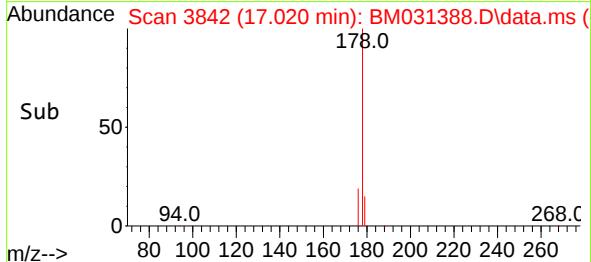
Instrument :
BNA_M
ClientSampled :
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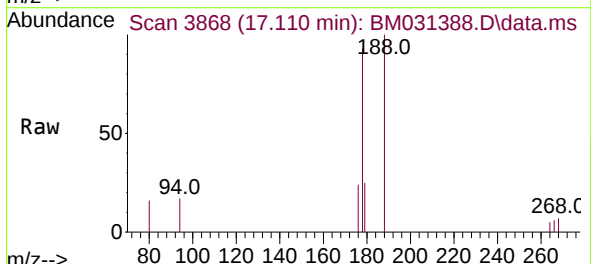
Tgt Ion:178 Resp: 45524
Ion Ratio Lower Upper
178 100
179 15.6 13.3 19.9
176 19.2 16.2 24.4

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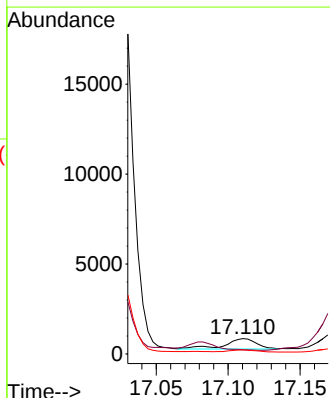
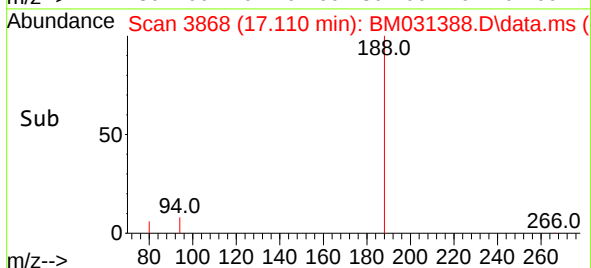
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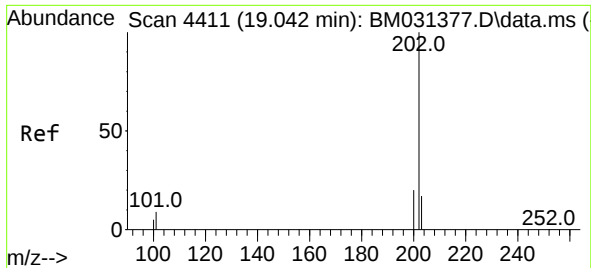


#16
Anthracene
Concen: 0.05 ng/ul m
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

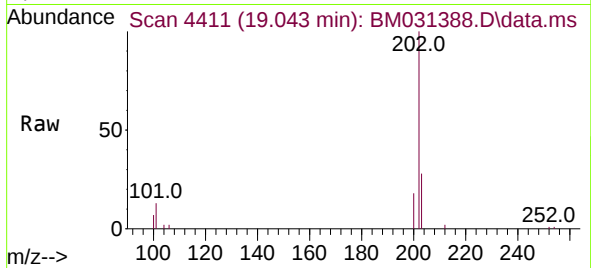


Tgt Ion:178 Resp: 894
Ion Ratio Lower Upper
178 100
179 27.5 13.0 19.6#
176 25.8 15.6 23.4#

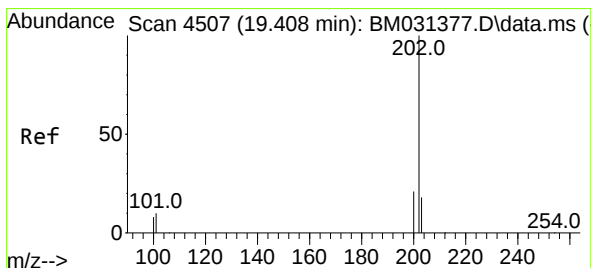
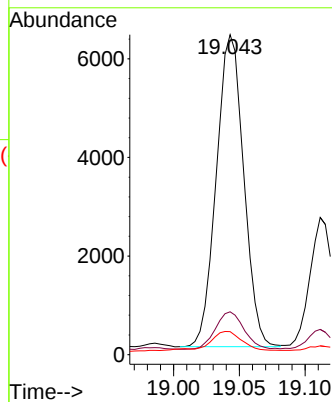
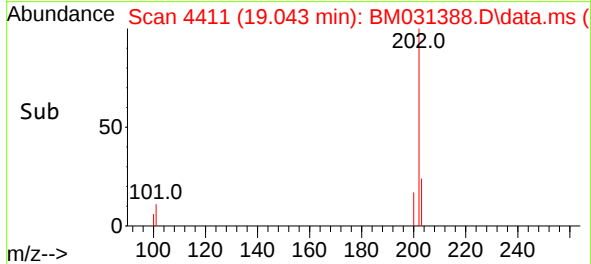




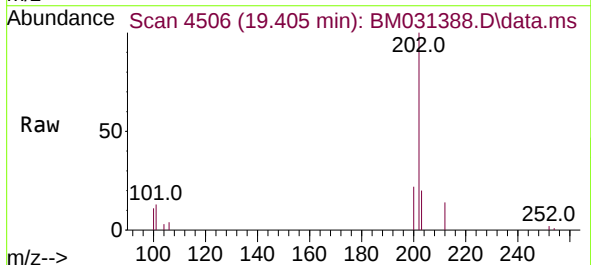
#19
Fluoranthene
Concen: 0.41 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



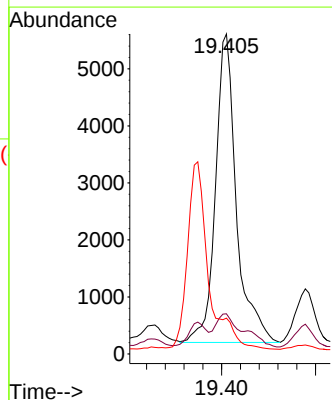
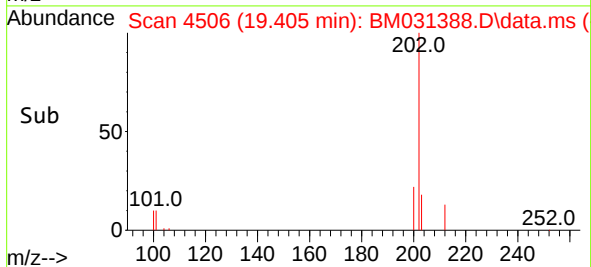
Tgt Ion:202 Resp: 9158
Ion Ratio Lower Upper
202 100
101 13.4 6.6 10.0#
100 7.2 5.4 8.0



#20
Pyrene
Concen: 0.37 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



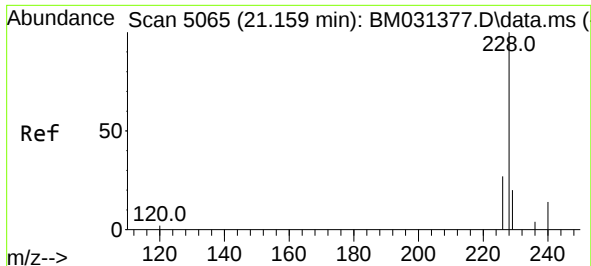
Tgt Ion:202 Resp: 8345
Ion Ratio Lower Upper
202 100
101 12.6 7.8 11.6#
100 11.2 6.6 10.0#



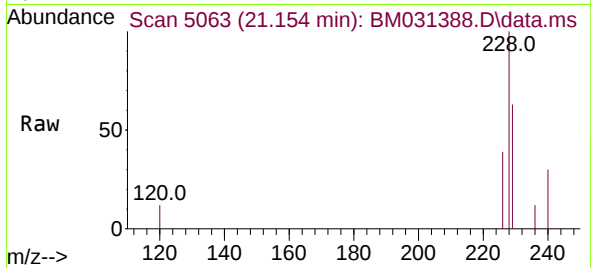
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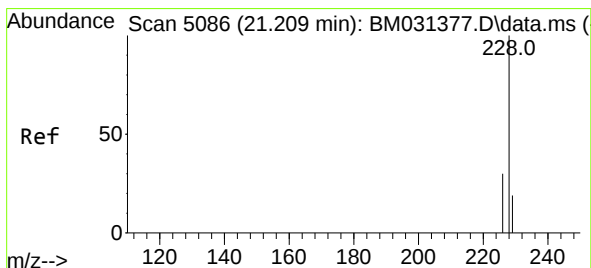
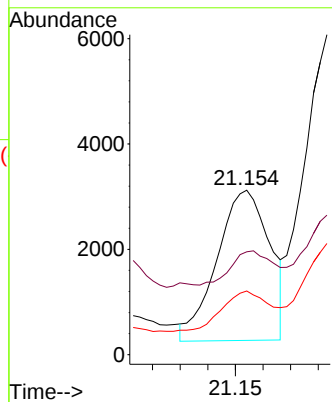
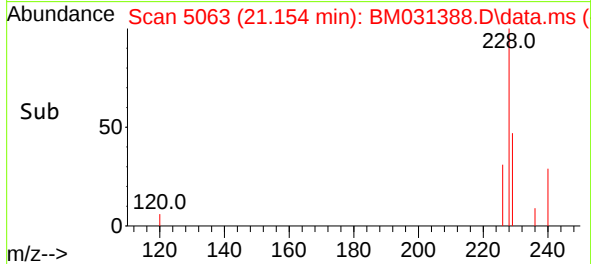
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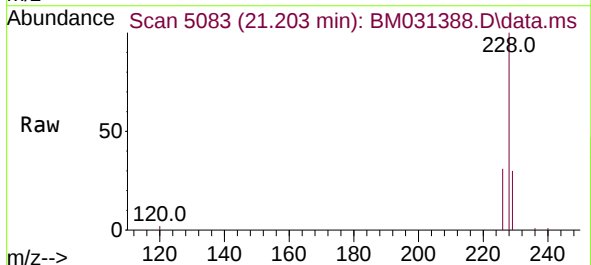
#21
Benzo(a)anthracene
Concen: 0.18 ng/u1
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031388.D
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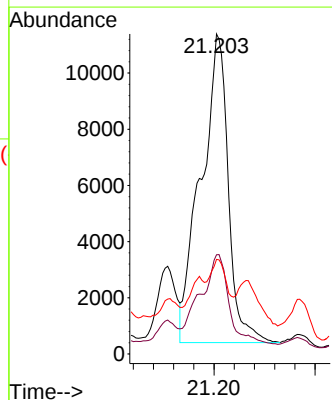
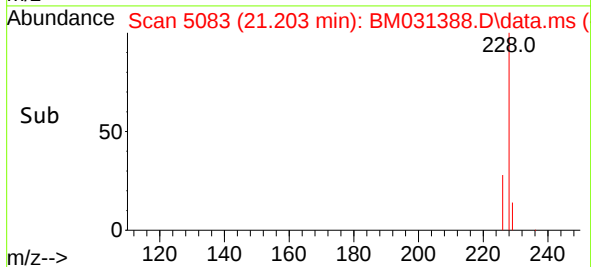
Tgt Ion:228 Resp: 3785
Ion Ratio Lower Upper
228 100
229 62.5 15.6 23.4#
226 38.7 21.7 32.5#



#22
Chrysene
Concen: 0.95 ng/u1
RT: 21.203 min Scan# 5083
Delta R.T. -0.007 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52



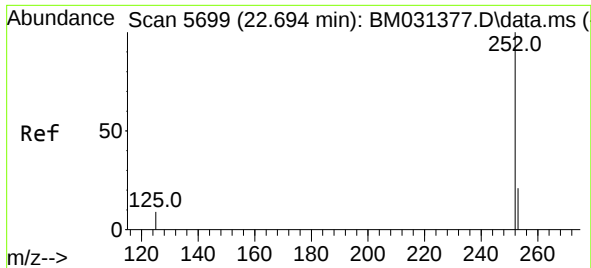
Tgt Ion:228 Resp: 20620
Ion Ratio Lower Upper
228 100
226 31.0 24.7 37.1
229 29.6 16.2 24.2#



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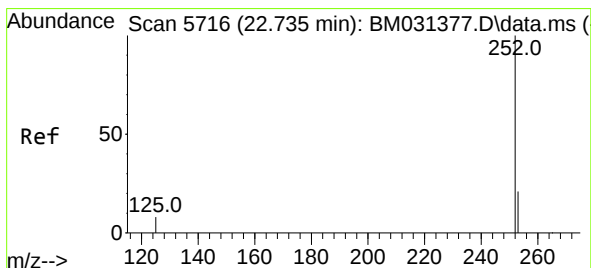
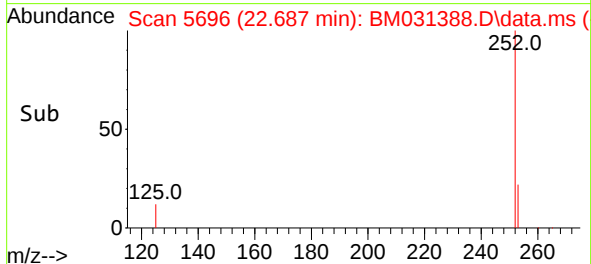
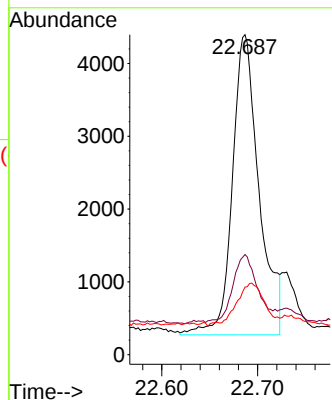
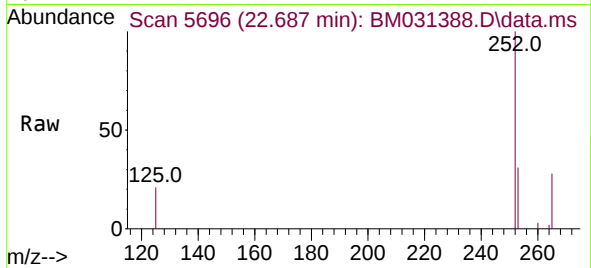
#24
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.687 min Scan# 5696
Delta R.T. -0.005 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion:252	Resp:	7994
Ion Ratio	Lower	Upper
252	100	
253	31.3	0.0 53.0
125	21.1	0.0 22.8

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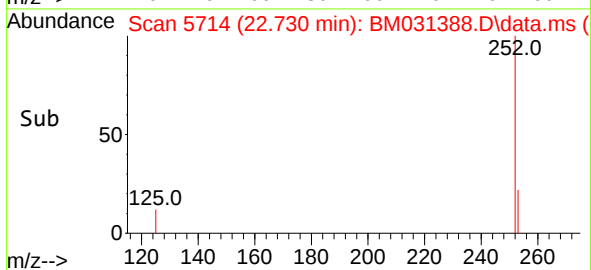
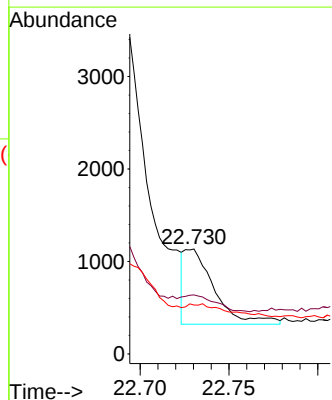
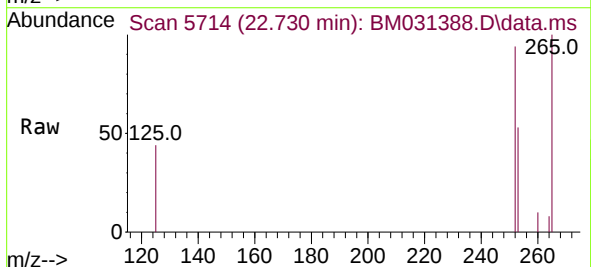
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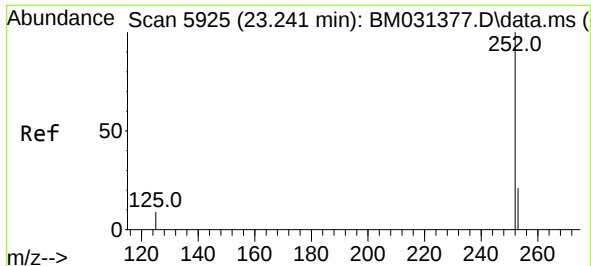
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#25
Benzo(k)fluoranthene
Concen: 0.04 ng/ul m
RT: 22.730 min Scan# 5714
Delta R.T. -0.005 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion:252	Resp:	955
Ion Ratio	Lower	Upper
252	100	
253	56.3	21.3 31.9#
125	46.6	8.8 13.2#





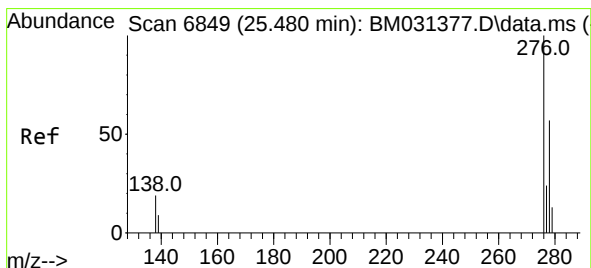
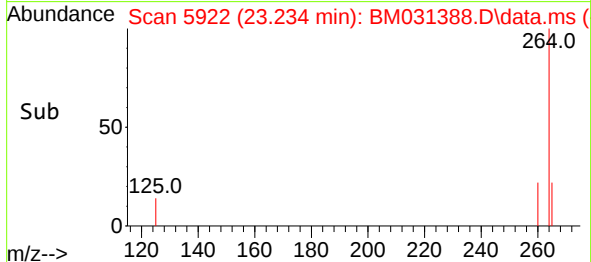
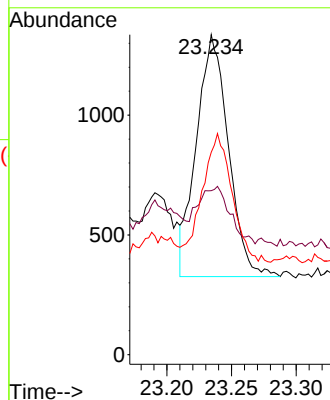
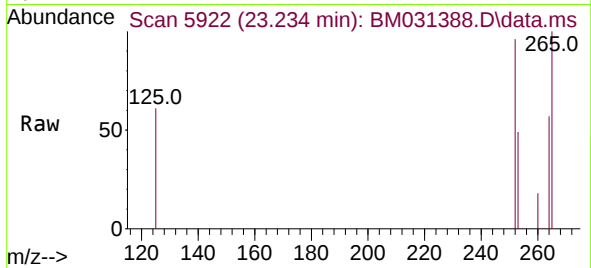
#26
Benzo(a)pyrene
Concen: 0.09 ng/u1
RT: 23.234 min Scan# 5922
Delta R.T. -0.009 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	51.3	22.4	33.6#
125	63.2	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0066

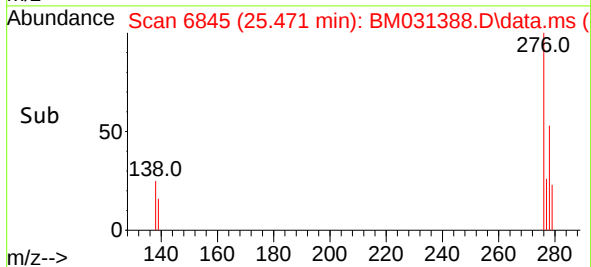
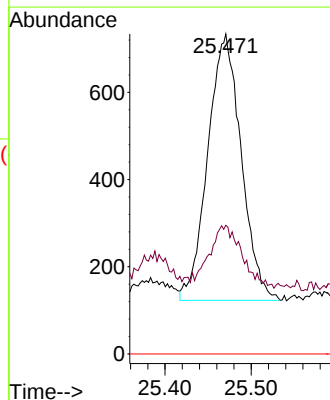
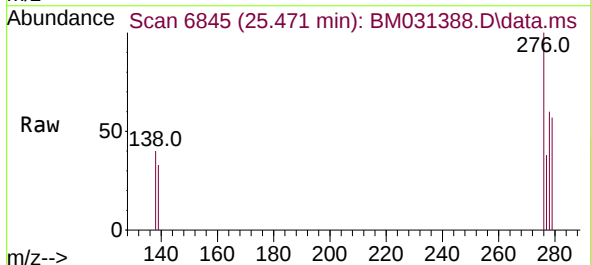
Manual Integrations
APPROVED

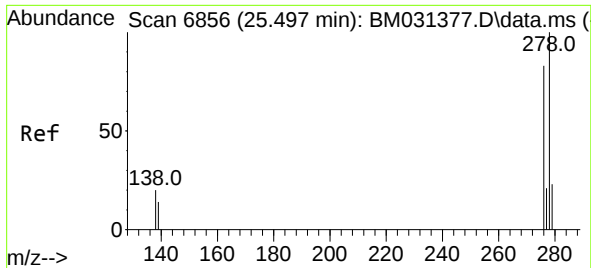
mohammad
8/3/2021 11:50:55 AM



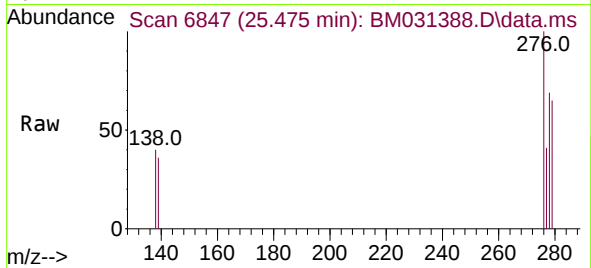
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/u1
RT: 25.471 min Scan# 6845
Delta R.T. -0.009 min
Lab File: BM031388.D
Acq: 02 Aug 2021 22:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.8	23.8
227	0.0	0.0	0.0

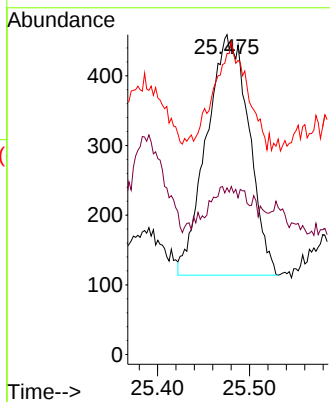
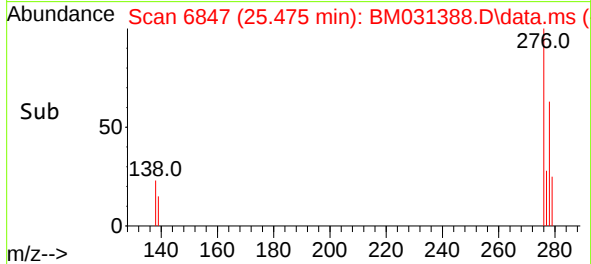




#28
 Dibenzo(a,h)anthracene
 Concen: 0.06 ng/ul
 RT: 25.475 min Scan# 6847
 Delta R.T. -0.017 min
 Lab File: BM031388.D
 Acq: 02 Aug 2021 22:52



Tgt Ion: 278 Resp: 1107
 Ion Ratio Lower Upper
 278 100
 139 52.1 13.3 19.9#
 279 94.1 22.8 34.2#



Instrument :
 BNA_M
 ClientSampleId :
 C0066

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:50:55 AM