

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
 Data File : BM031197.D
 Acq On : 27 Jul 2021 13:31
 Operator : CG/JU
 Sample : M3082-03
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0003

Manual Integrations
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 7/28/2021 11:31:44 AM

Quant Time: Jul 27 14:02:10 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 27 12:13:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.632	152	1628	0.40	ng/ul	0.00
4) Naphthalene-d8	10.392	136	6937	0.40	ng/ul	# 0.00
9) Acenaphthene-d10	14.258	164	6558	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.003	188	14066	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.195	240	10987	0.40	ng/ul	# 0.00
23) Perylene-d12	23.367	264	8736	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2729	1.60	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.984	152	1594	0.13	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	6510	0.19	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.442	128	51645	2.49	ng/ul	96
7) 2-Methylnaphthalene	12.061	142	49014	3.28	ng/ul	100
8) 1-Methylnaphthalene	12.281	142	44440	3.05	ng/ul	100
10) Acenaphthylene	13.977	152	51607	1.92	ng/ul	97
11) Acenaphthene	14.318	153	22857	0.96	ng/ul	98
12) Fluorene	15.312	166	90704	3.25	ng/ul#	96
15) Phenanthrene	17.048	178	426729	9.55	ng/ul	99
16) Anthracene	17.134	178	122241	2.92	ng/ul	99
19) Fluoranthene	19.066	202	401161	9.07	ng/ul#	94
20) Pyrene	19.428	202	319246	7.07	ng/ul#	93
21) Benzo(a)anthracene	21.178	228	134736	3.07	ng/ul#	81
22) Chrysene	21.231	228	199903	4.21	ng/ul#	90
24) Benzo(b)fluoranthene	22.723	252	130958m	3.19	ng/ul	
25) Benzo(k)fluoranthene	22.762	252	40638m	0.98	ng/ul	
26) Benzo(a)pyrene	23.273	252	67385	1.90	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.521	276	45287	0.97	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.531	278	15025	0.40	ng/ul#	55
29) Benzo(g,h,i)perylene	26.175	276	6970	0.18	ng/ul#	73

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

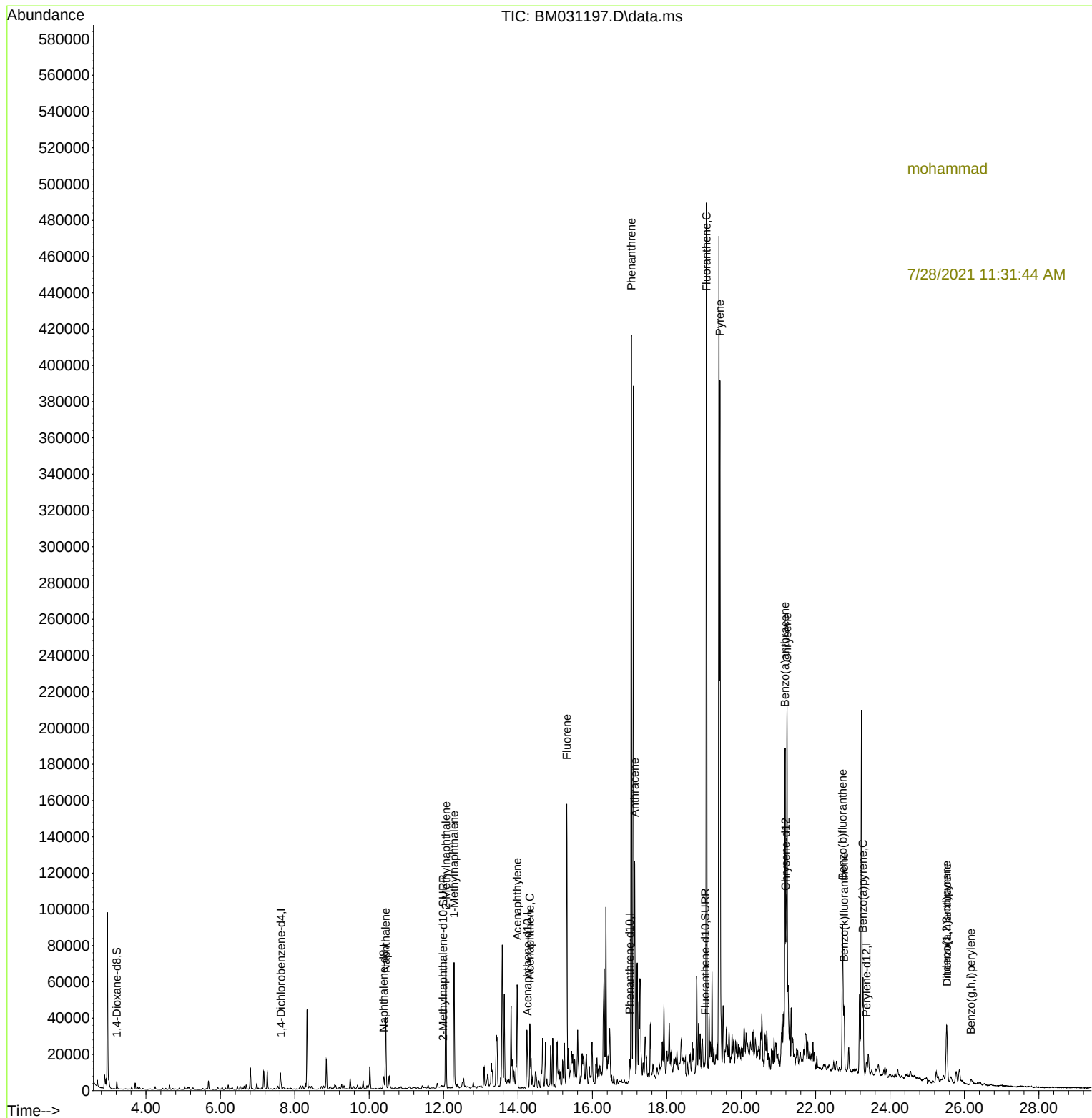
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072621\
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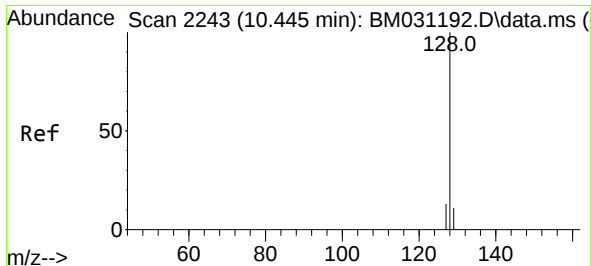
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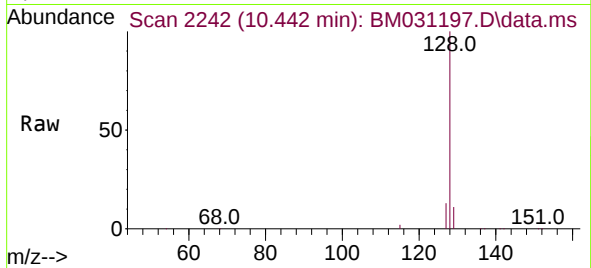


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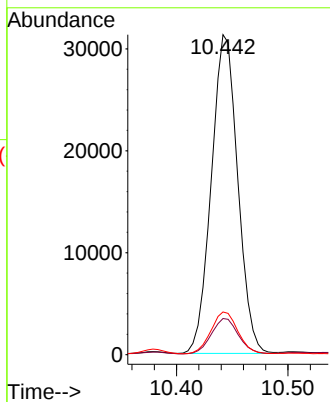
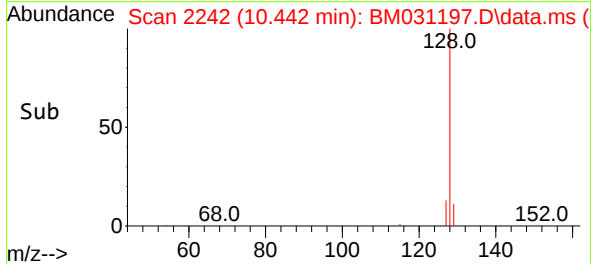
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#5
Naphthalene
Concen: 2.49 ng/ul
RT: 10.442 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31



Tgt Ion:128 Resp: 51645
Ion Ratio Lower Upper
128 100
129 11.3 10.2 15.4
127 13.4 11.8 17.8



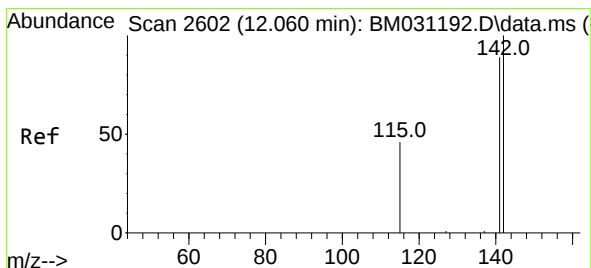
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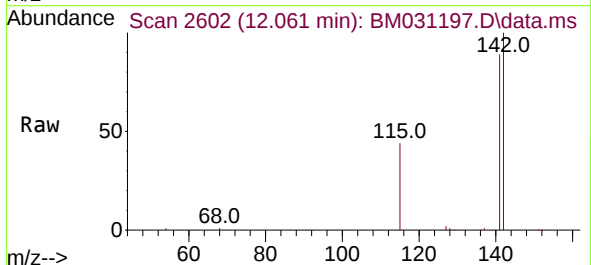
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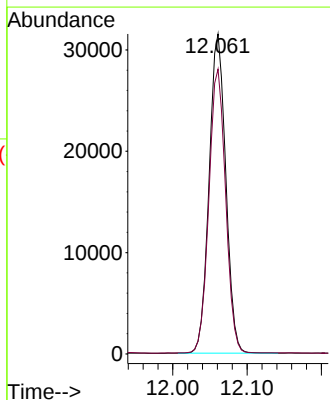
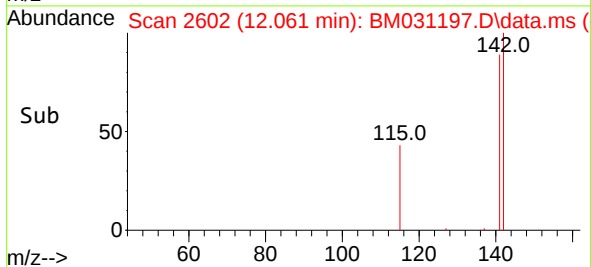
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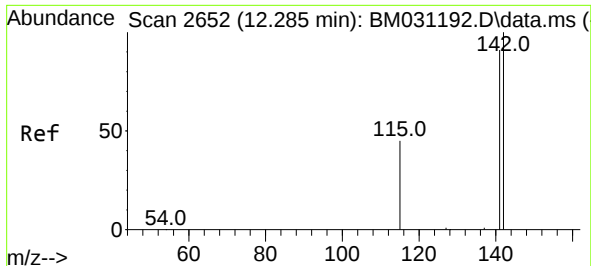


#7
2-Methylnaphthalene
Concen: 3.28 ng/ul
RT: 12.061 min Scan# 2602
Delta R.T. 0.001 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31



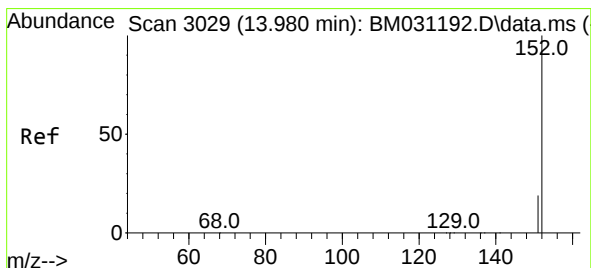
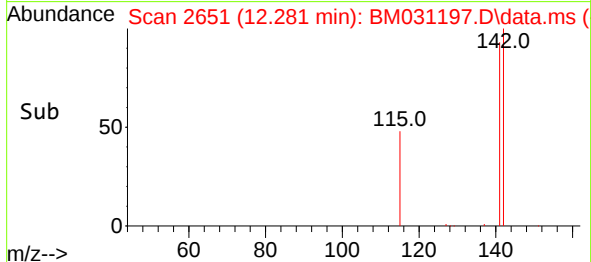
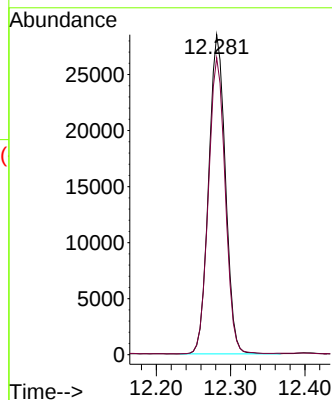
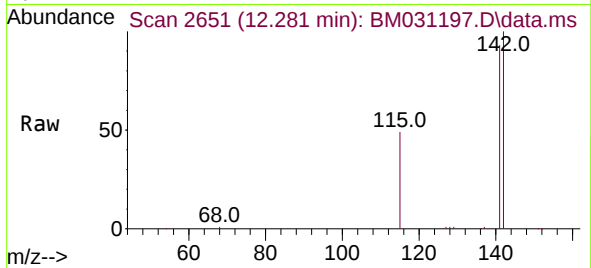
Tgt Ion:142 Resp: 49014
Ion Ratio Lower Upper
142 100
141 89.5 71.5 107.3





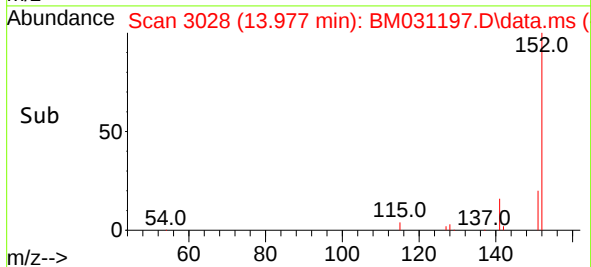
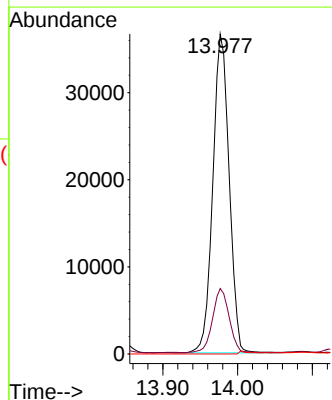
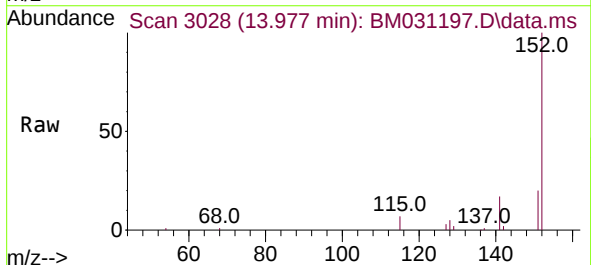
#8
1-Methylnaphthalene
Concen: 3.05 ng/ul
RT: 12.281 min Scan# 2651
Delta R.T. -0.003 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:142 Resp: 44440
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4



#10
Acenaphthylene
Concen: 1.92 ng/ul
RT: 13.977 min Scan# 3028
Delta R.T. -0.003 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:152 Resp: 51607
Ion Ratio Lower Upper
152 100
151 20.4 17.5 26.3
153 0.0 0.0 0.0



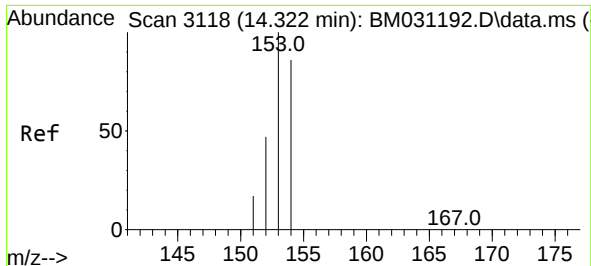
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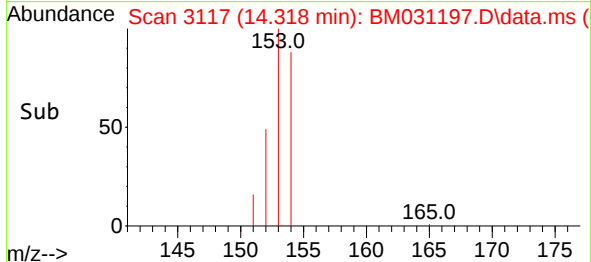
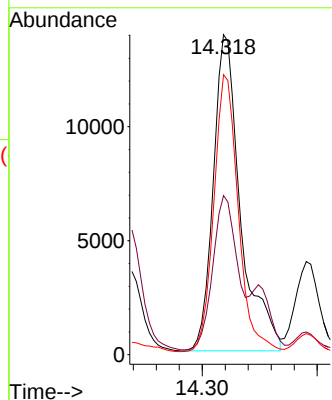
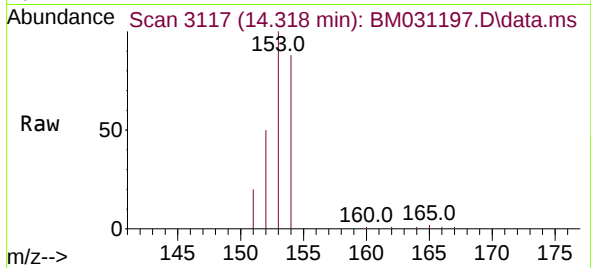
#11
Acenaphthene
Concen: 0.96 ng/ul
RT: 14.318 min Scan# 3117
Delta R.T. -0.003 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:153 Resp: 22857
Ion Ratio Lower Upper
153 100
152 49.7 39.4 59.2
154 87.5 68.2 102.4

Instrument :
BNA_M
ClientSampleId :
C0003

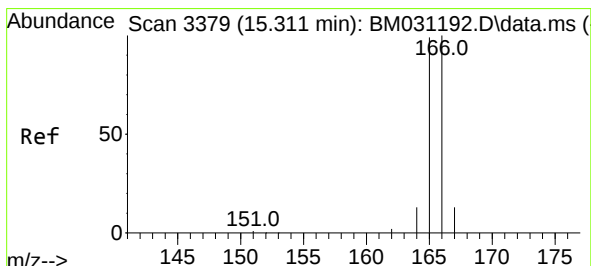
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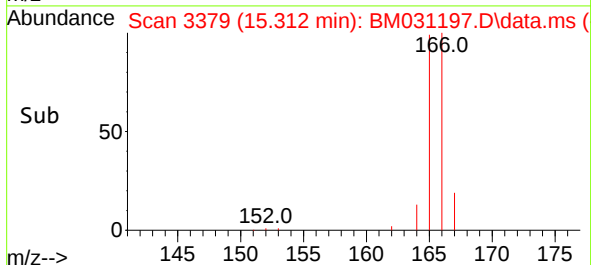
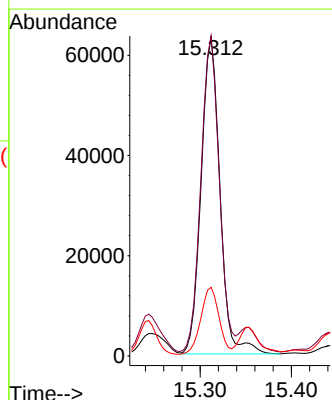
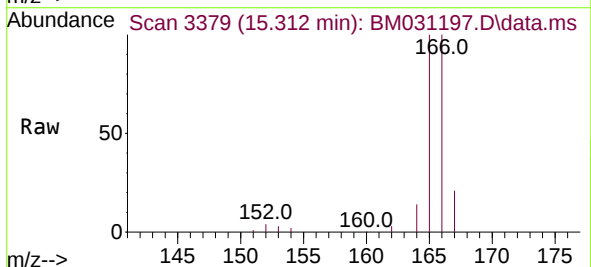
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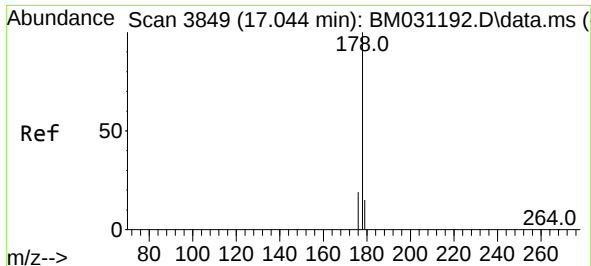
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#12
Fluorene
Concen: 3.25 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. 0.000 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

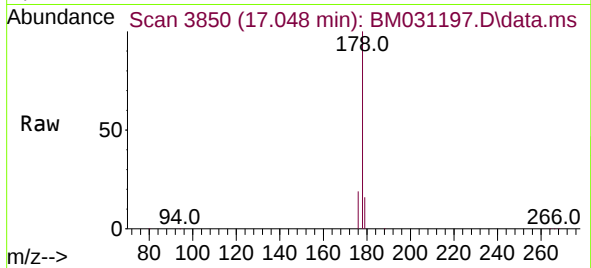
Tgt Ion:166 Resp: 90704
Ion Ratio Lower Upper
166 100
165 100.5 78.2 117.2
167 21.5 12.3 18.5#





#15
Phenanthrene
Concen: 9.55 ng/ul
RT: 17.048 min Scan# 3850
Delta R.T. 0.004 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

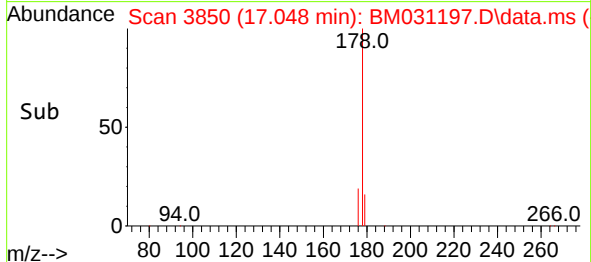
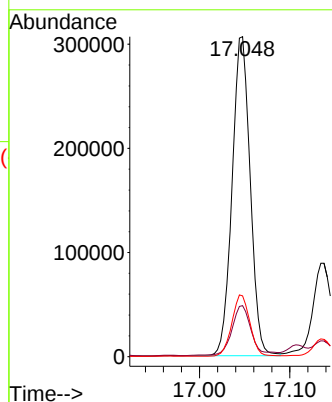
Instrument :
BNA_M
ClientSampled :
C0003



Tgt Ion:178 Resp: 426729
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.0 15.4 23.2

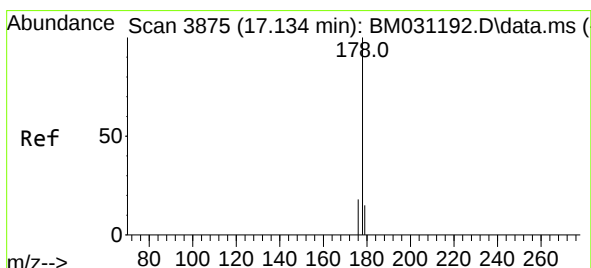
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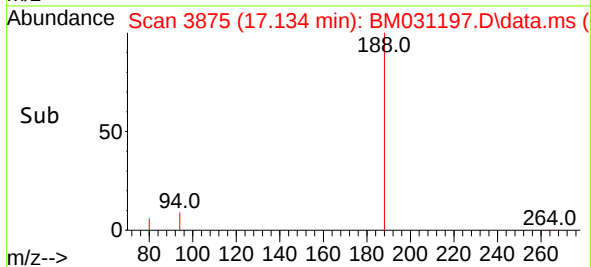
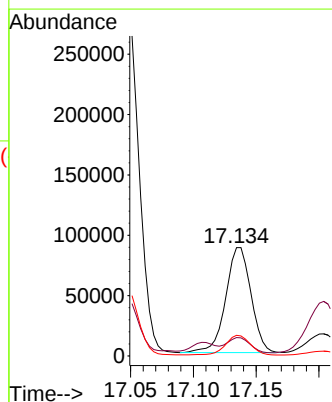
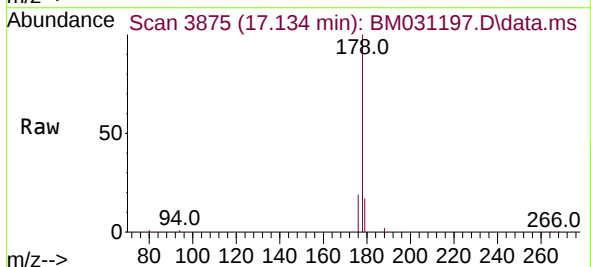
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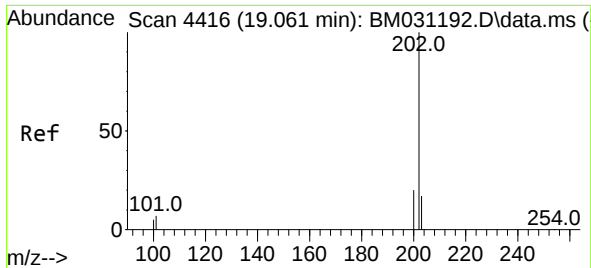
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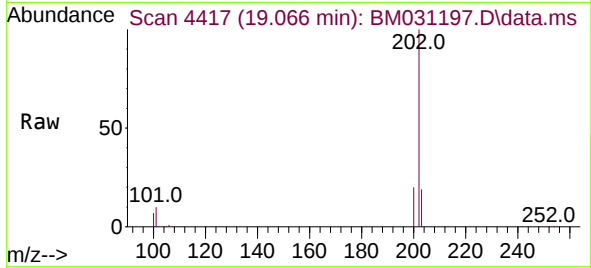
#16
Anthracene
Concen: 2.92 ng/ul
RT: 17.134 min Scan# 3875
Delta R.T. 0.000 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:178 Resp: 122241
Ion Ratio Lower Upper
178 100
179 16.9 13.8 20.8
176 19.1 15.7 23.5

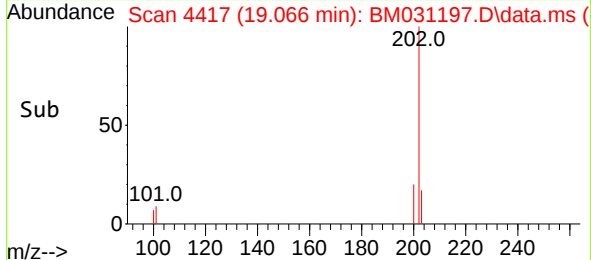
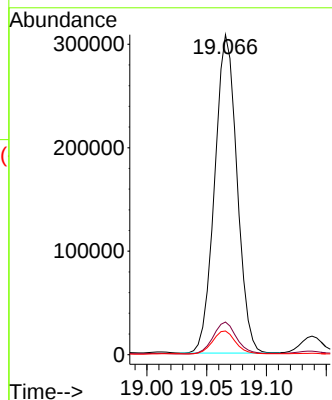




#19
Fluoranthene
Concen: 9.07 ng/ul
RT: 19.066 min Scan# 4417
Delta R.T. 0.004 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31



Tgt Ion:202 Resp: 401161
Ion Ratio Lower Upper
202 100
101 10.2 6.0 9.0#
100 7.4 4.8 7.2#



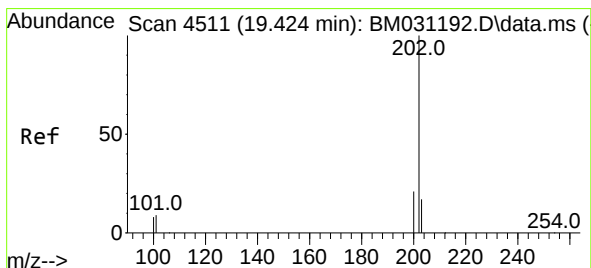
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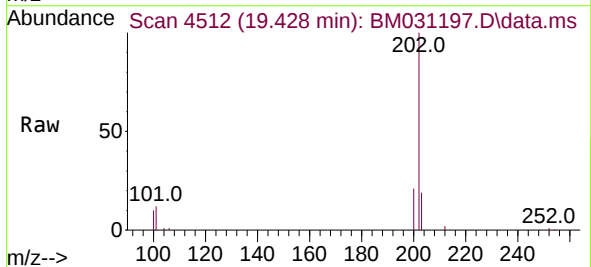
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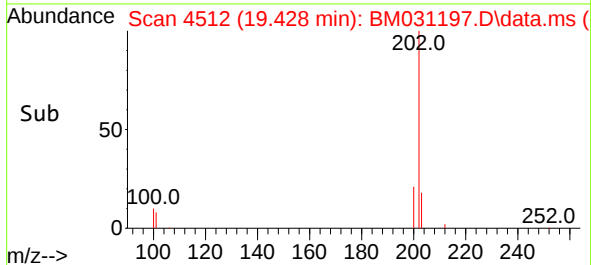
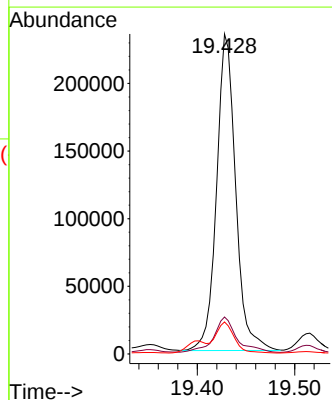
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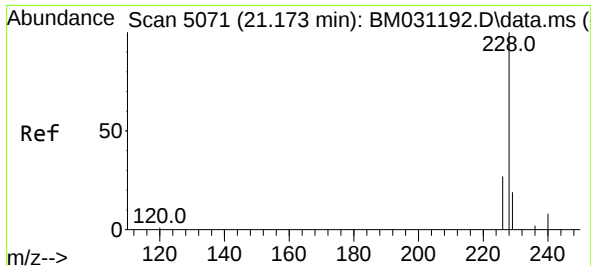


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Pyrene
Concen: 7.07 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. 0.004 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31



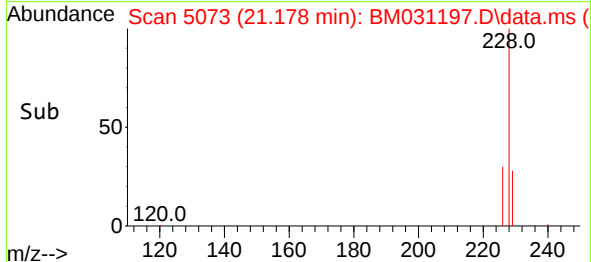
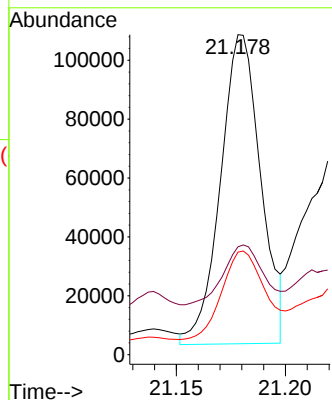
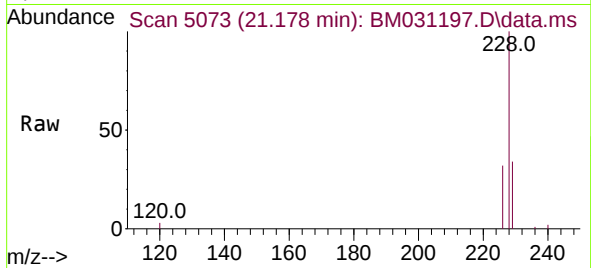
Tgt Ion:202 Resp: 319246
Ion Ratio Lower Upper
202 100
101 11.6 7.4 11.0#
100 10.0 6.0 9.0#





#21
Benzo(a)anthracene
Concen: 3.07 ng/ul
RT: 21.178 min Scan# 5073
Delta R.T. 0.005 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:228 Resp: 134736
Ion Ratio Lower Upper
228 100
229 33.7 16.0 24.0#
226 32.1 21.4 32.2



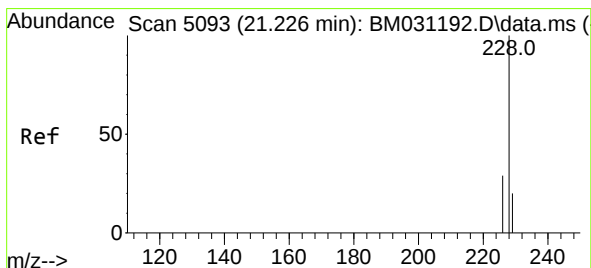
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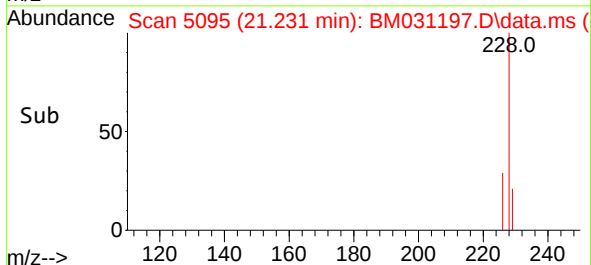
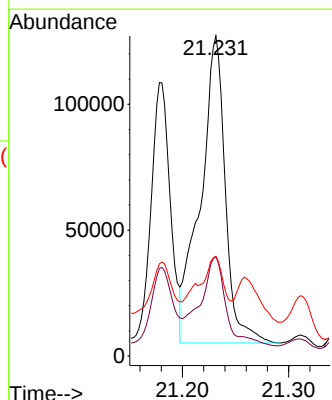
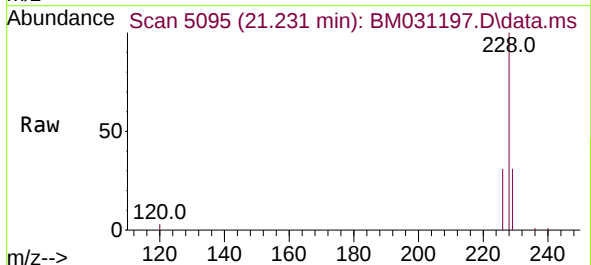
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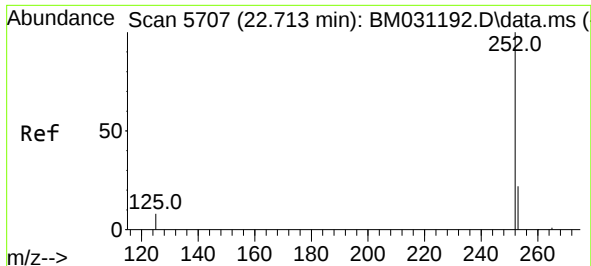
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#22
Chrysene
Concen: 4.21 ng/ul
RT: 21.231 min Scan# 5095
Delta R.T. 0.005 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:228 Resp: 199903
Ion Ratio Lower Upper
228 100
226 31.0 24.5 36.7
229 31.1 15.8 23.8#





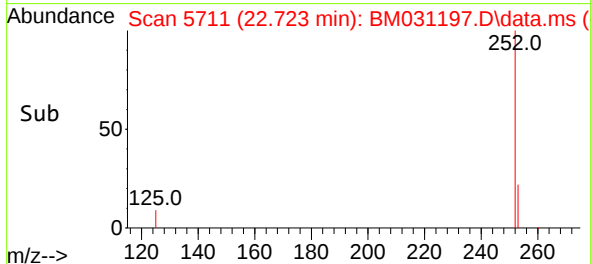
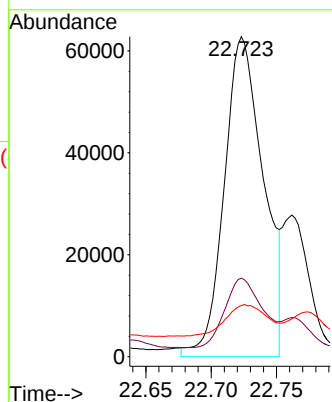
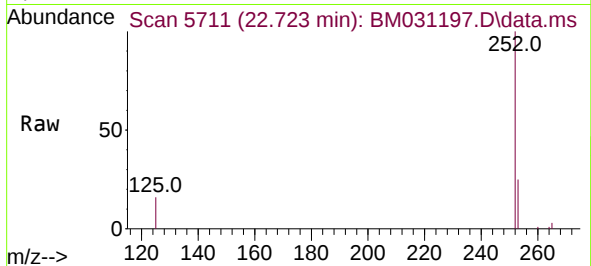
#24
Benzo(b)fluoranthene
Concen: 3.19 ng/ul m
RT: 22.723 min Scan# 5711
Delta R.T. 0.010 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:252 Resp: 130958
Ion Ratio Lower Upper
252 100
253 24.5 0.0 52.8
125 16.0 0.0 20.2

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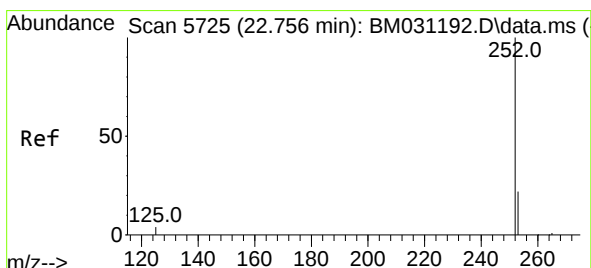
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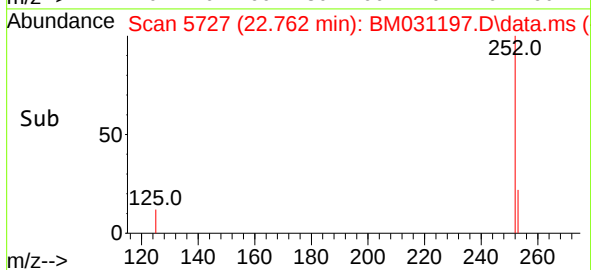
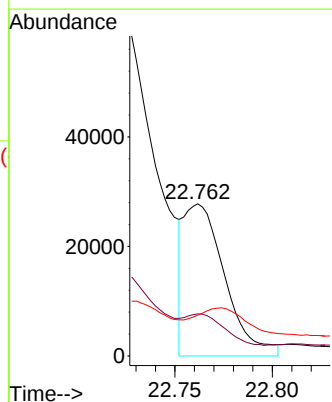
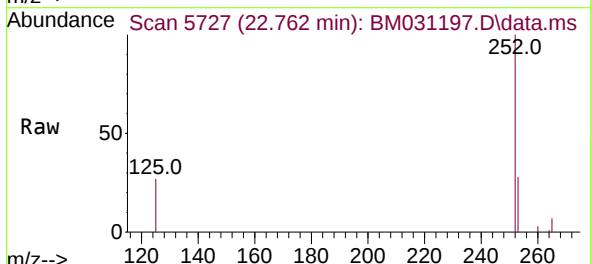
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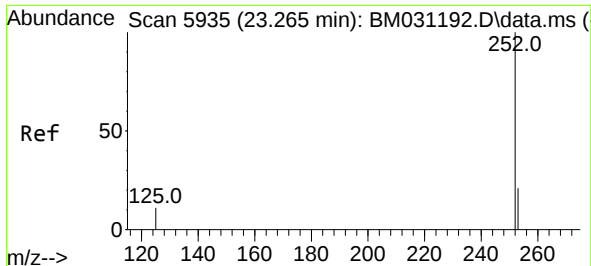
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#25
Benzo(k)fluoranthene
Concen: 0.98 ng/ul m
RT: 22.762 min Scan# 5727
Delta R.T. 0.005 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:252 Resp: 40638
Ion Ratio Lower Upper
252 100
253 27.7 21.6 32.4
125 26.8 8.6 13.0#





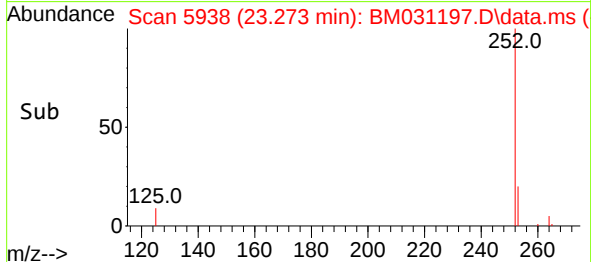
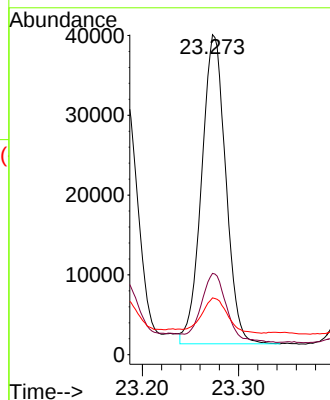
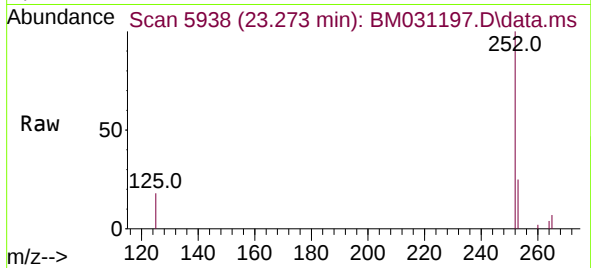
#26
Benzo(a)pyrene
Concen: 1.90 ng/ul
RT: 23.273 min Scan# 5938
Delta R.T. 0.008 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:252 Resp: 67385
Ion Ratio Lower Upper
252 100
253 25.4 23.1 34.7
125 17.7 10.7 16.1#

Instrument :
BNA_M
ClientSampleId :
C0003

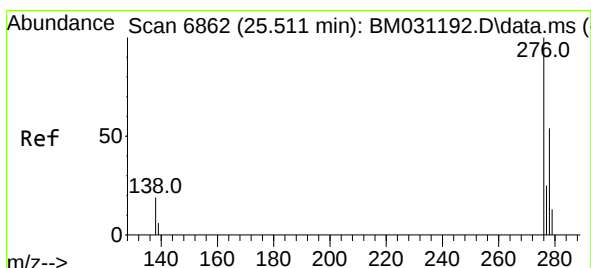
Manual Integrations
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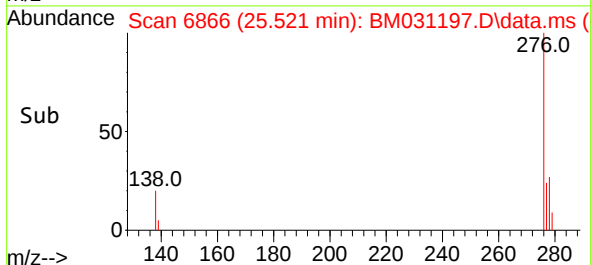
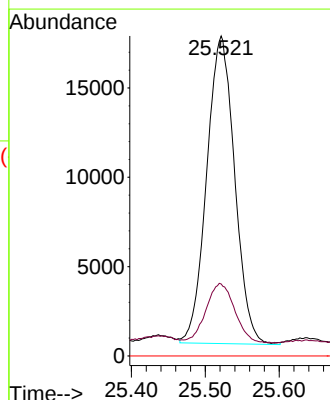
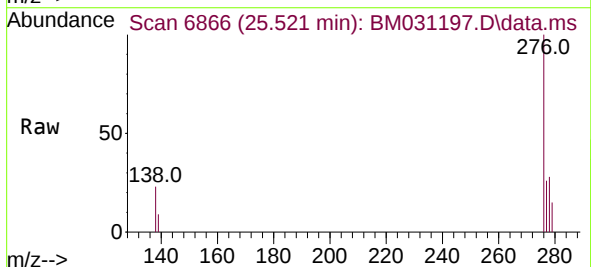
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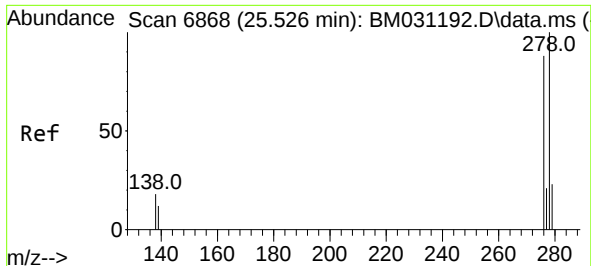
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.97 ng/ul
RT: 25.521 min Scan# 6866
Delta R.T. 0.010 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:276 Resp: 45287
Ion Ratio Lower Upper
276 100
138 19.9 15.4 23.0
227 0.0 0.0 0.0





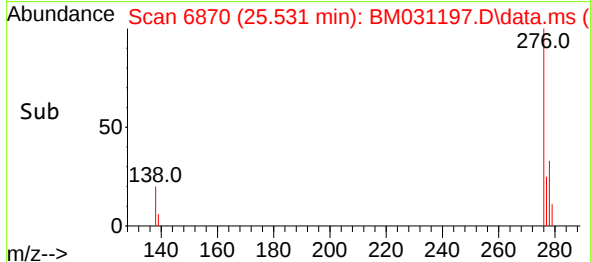
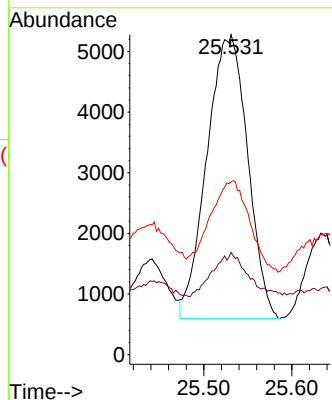
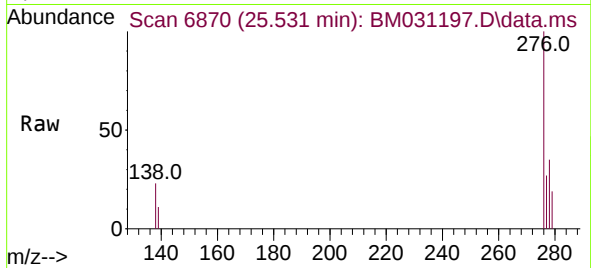
#28
Dibenzo(a,h)anthracene
Concen: 0.40 ng/ul
RT: 25.531 min Scan# 6870
Delta R.T. 0.005 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:278 Resp: 15025
Ion Ratio Lower Upper
278 100
139 31.9 12.6 18.8#
279 54.0 22.6 34.0#

Instrument :
BNA_M
ClientSampleId :
C0003

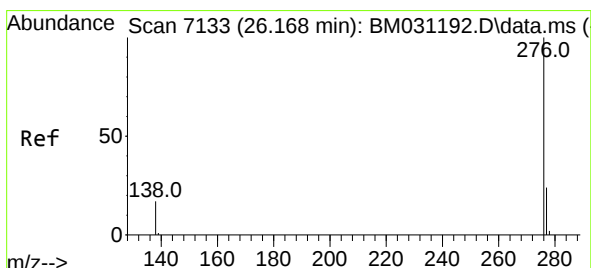
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#29
Benzo(g,h,i)perylene
Concen: 0.18 ng/ul
RT: 26.175 min Scan# 7136
Delta R.T. 0.008 min
Lab File: BM031197.D
Acq: 27 Jul 2021 13:31

Tgt Ion:276 Resp: 6970
Ion Ratio Lower Upper
276 100
138 33.7 14.0 21.0#
277 34.6 19.9 29.9#

