

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080221\
 Data File : BM031385.D
 Acq On : 02 Aug 2021 21:01
 Operator : CG/JU
 Sample : M3123-14DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0075DL

Manual Integrations
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Quant Time: Aug 03 02:06:42 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	1731	0.40	ng/ul	0.00
4) Naphthalene-d8	10.361	136	6550	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	3867	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.978	188	7213	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.169	240	5423	0.40	ng/ul	# 0.00
23) Perylene-d12	23.329	264	5100	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.196	96	1272	0.66	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.957	152	523	0.05	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	1074	0.06	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.410	128	3806	0.20	ng/ul	97
7) 2-Methylnaphthalene	12.029	142	7767	0.58	ng/ul	100
8) 1-Methylnaphthalene	12.250	142	4294	0.33	ng/ul	99
10) Acenaphthylene	13.950	152	979	0.06	ng/ul#	84
12) Fluorene	15.285	166	436	0.03	ng/ul#	64
14) Pentachlorophenol	16.631	266	152	0.07	ng/ul#	87
15) Phenanthrene	17.020	178	15147	0.66	ng/ul	98
16) Anthracene	17.110	178	856	0.04	ng/ul#	79
19) Fluoranthene	19.043	202	9712	0.42	ng/ul#	94
20) Pyrene	19.405	202	8597	0.37	ng/ul#	95
21) Benzo(a)anthracene	21.154	228	4127	0.19	ng/ul#	87
22) Chrysene	21.205	228	8889	0.39	ng/ul#	96
24) Benzo(b)fluoranthene	22.692	252	7357m	0.32	ng/ul	
25) Benzo(k)fluoranthene	22.728	252	2379m	0.10	ng/ul	
26) Benzo(a)pyrene	23.234	252	3403	0.17	ng/ul#	61
27) Indeno(1,2,3-cd)pyrene	25.470	276	2820	0.11	ng/ul#	86
28) Dibenzo(a,h)anthracene	25.480	278	879	0.04	ng/ul#	15

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

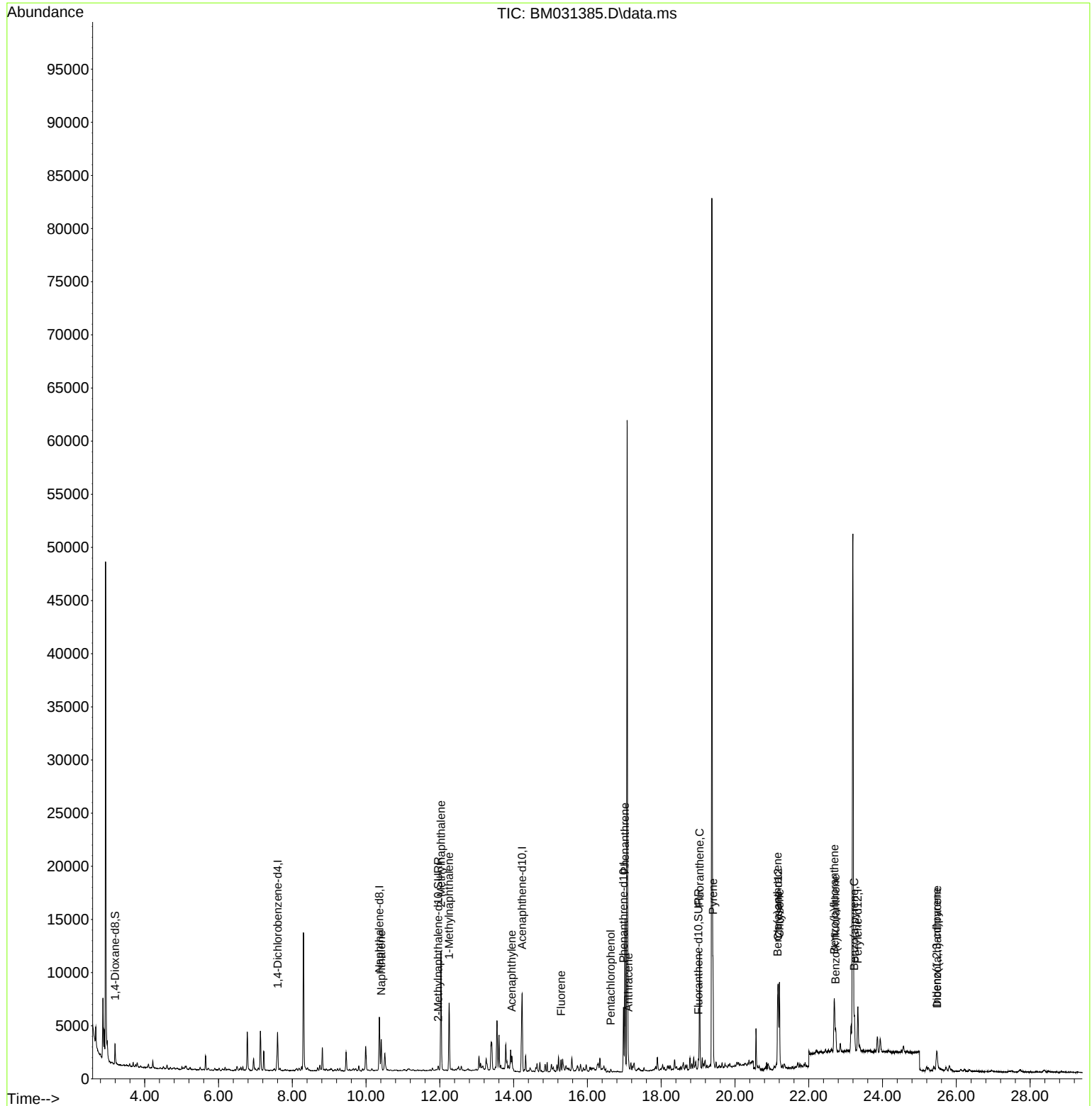
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Data File : BM031385.D
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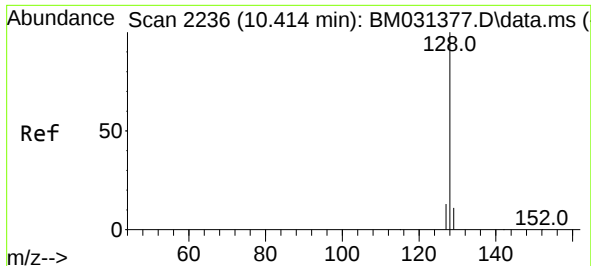
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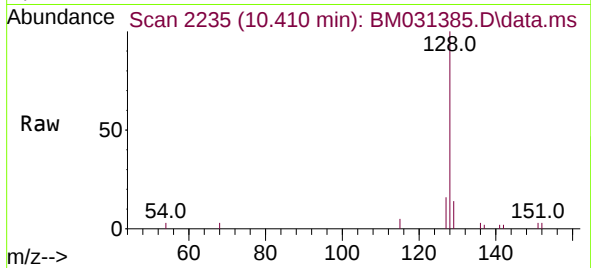
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 11:29:41 2021
Response via : Initial Calibration

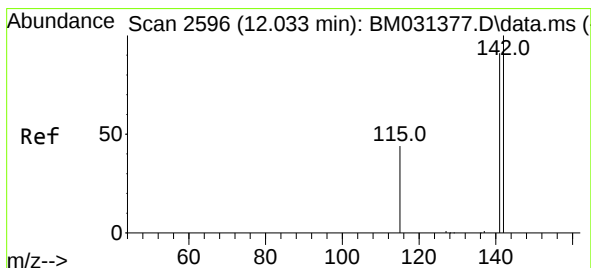
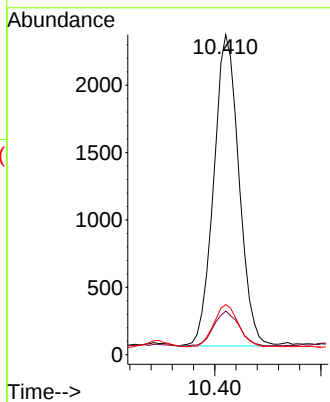
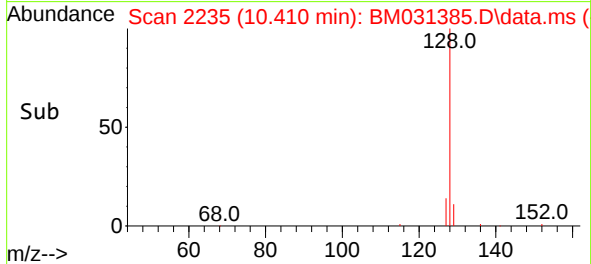




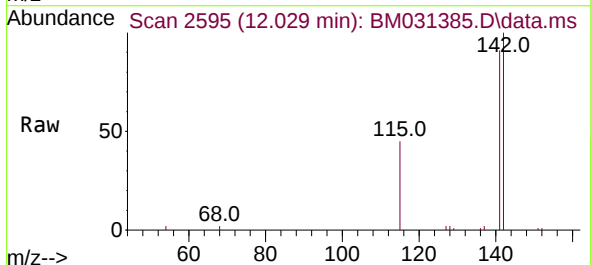
#5
Naphthalene
Concen: 0.20 ng/ul
RT: 10.410 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



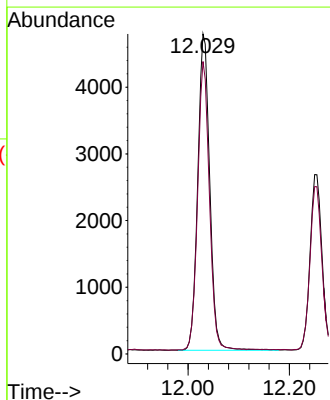
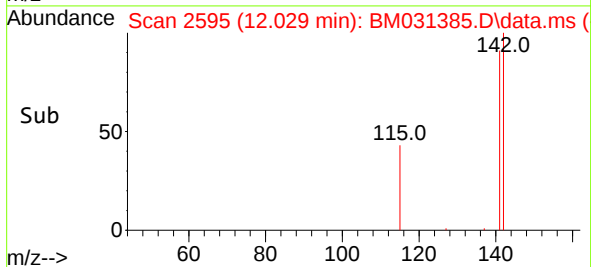
Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.6	10.0	15.0
127	15.7	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.58 ng/ul
RT: 12.029 min Scan# 2595
Delta R.T. -0.004 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



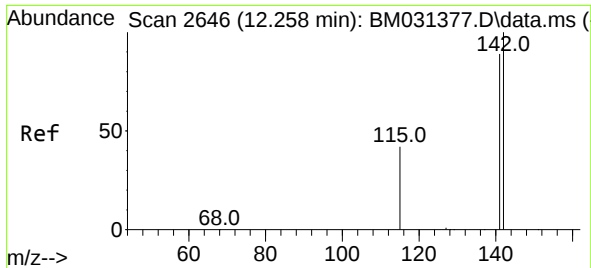
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0



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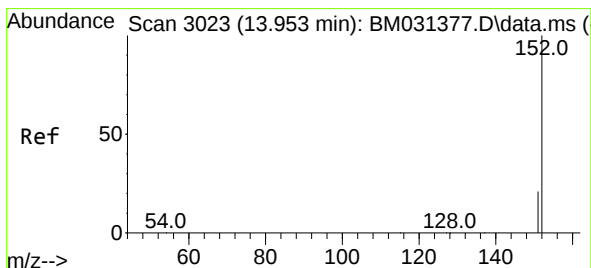
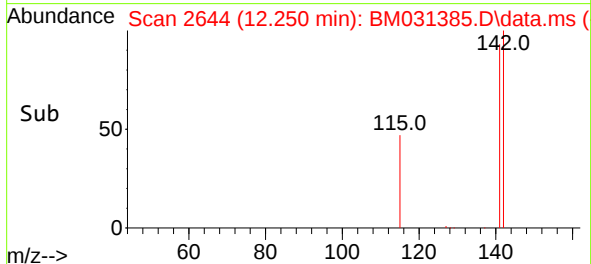
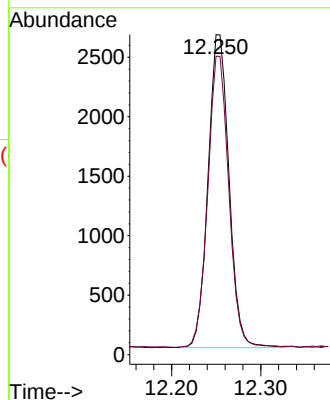
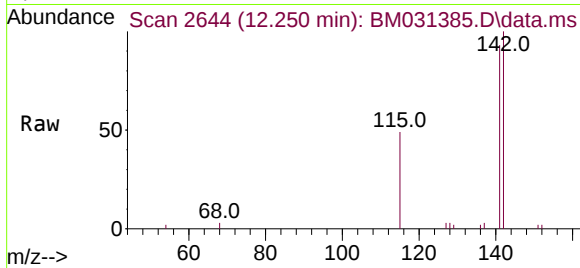
#8
1-Methylnaphthalene
Concen: 0.33 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion:142 Resp: 4294
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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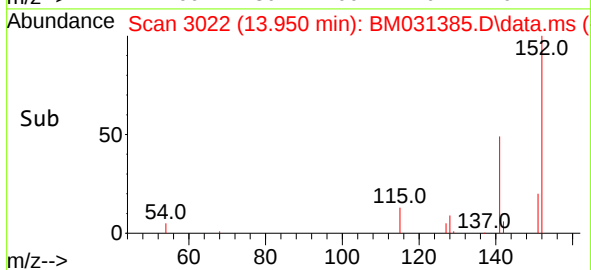
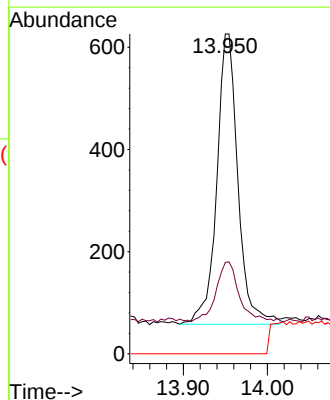
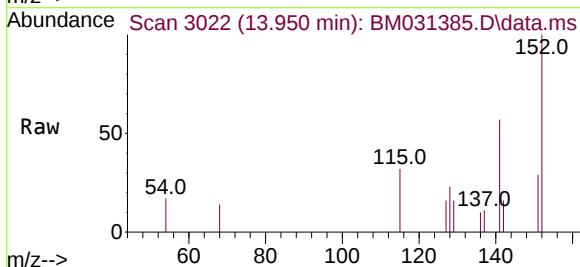
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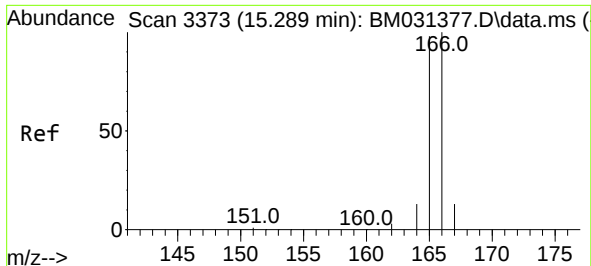
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#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.950 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion:152 Resp: 979
Ion Ratio Lower Upper
152 100
151 28.6 16.9 25.3#
153 0.0 0.0 0.0





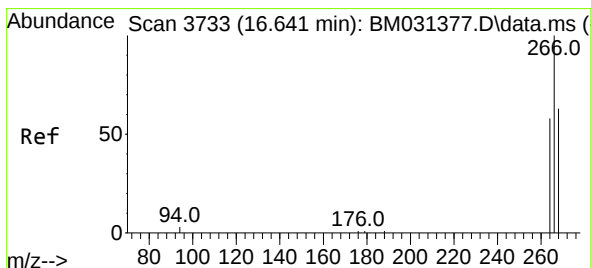
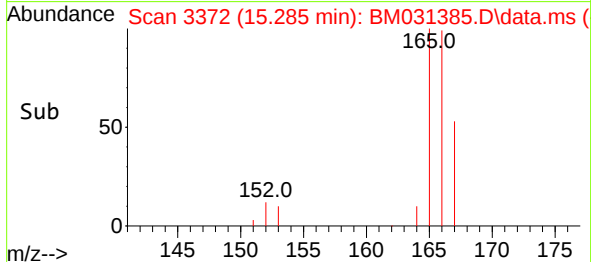
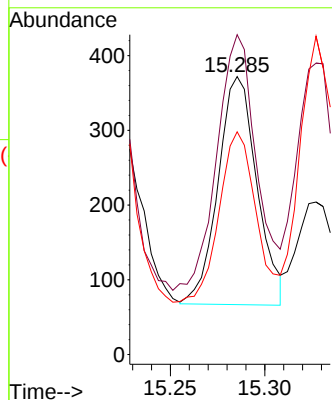
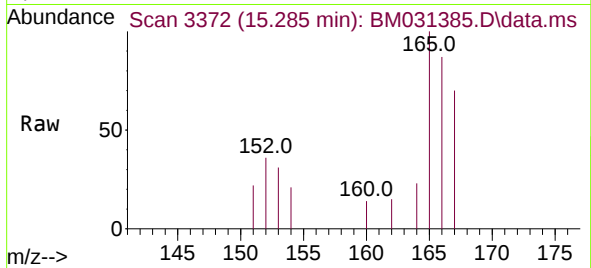
#12
Fluorene
Concen: 0.03 ng/u1
RT: 15.285 min Scan# 3372
Delta R.T. 0.000 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion:166 Resp: 436
Ion Ratio Lower Upper
166 100
165 115.1 78.0 117.0
167 80.1 12.0 18.0#

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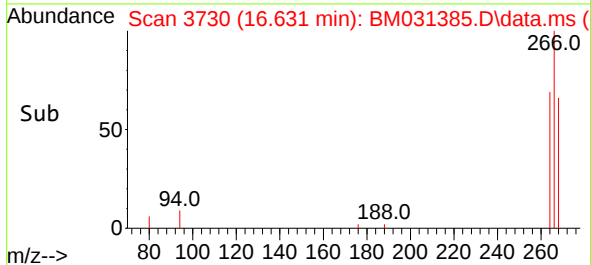
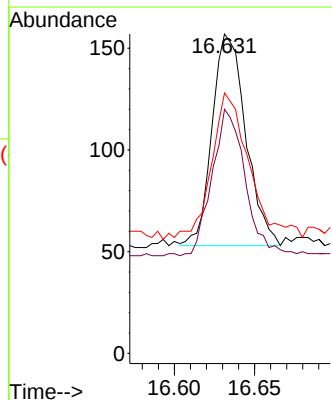
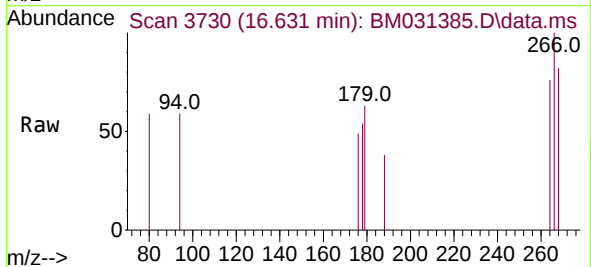
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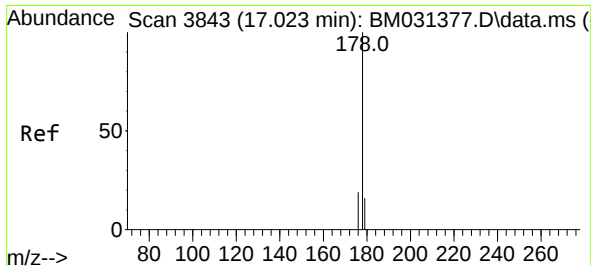
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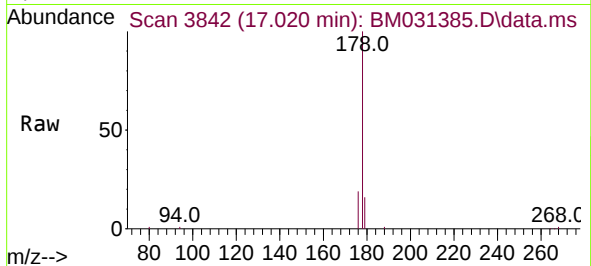
#14
Pentachlorophenol
Concen: 0.07 ng/u1
RT: 16.631 min Scan# 3730
Delta R.T. -0.007 min
Lab File: BM031385.D
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Tgt Ion:266 Resp: 152
Ion Ratio Lower Upper
266 100
264 69.1 50.1 75.1
268 78.3 51.3 76.9#

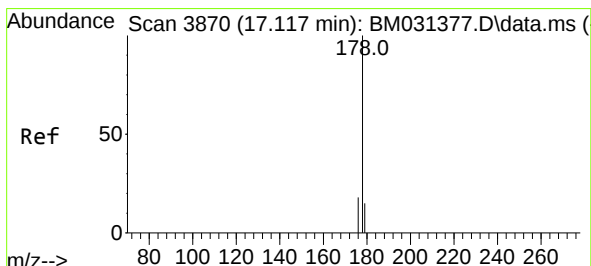
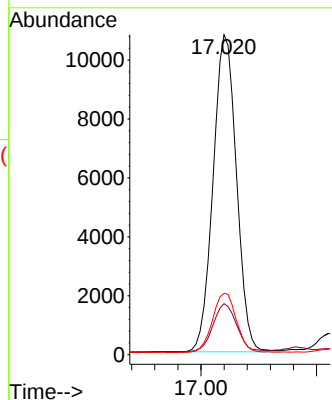
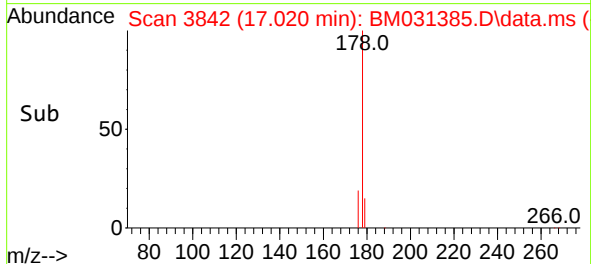




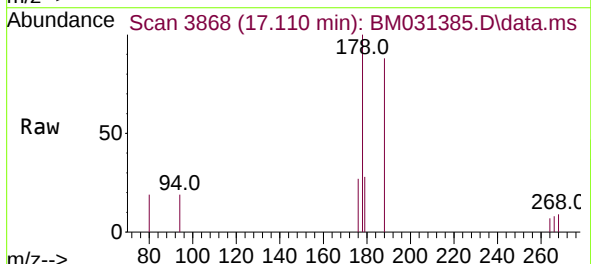
#15
Phenanthrene
Concen: 0.66 ng/ul
RT: 17.020 min Scan# 3842
Delta R.T. -0.003 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



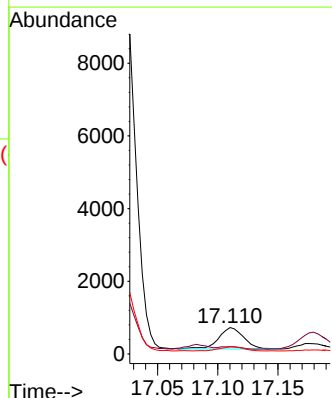
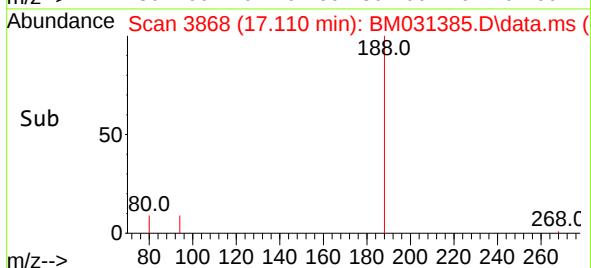
Tgt Ion:178 Resp: 15147
Ion Ratio Lower Upper
178 100
179 16.0 13.3 19.9
176 19.2 16.2 24.4



#16
Anthracene
Concen: 0.04 ng/ul
RT: 17.110 min Scan# 3868
Delta R.T. -0.003 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



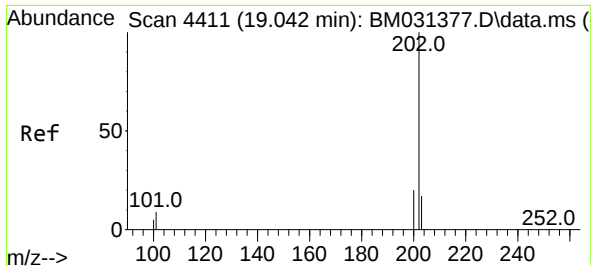
Tgt Ion:178 Resp: 856
Ion Ratio Lower Upper
178 100
179 27.9 13.0 19.6#
176 26.6 15.6 23.4#



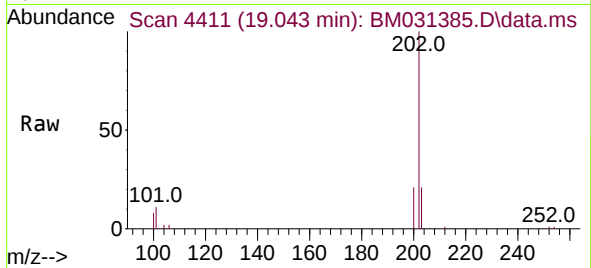
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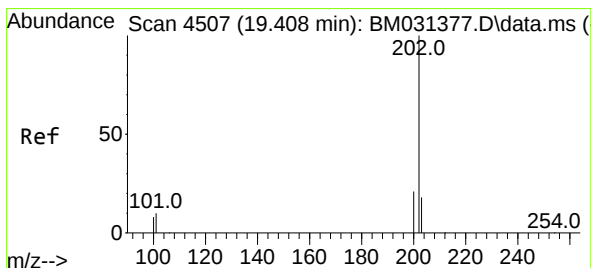
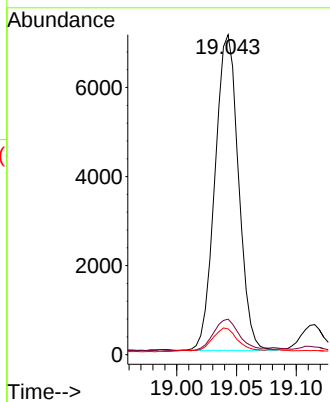
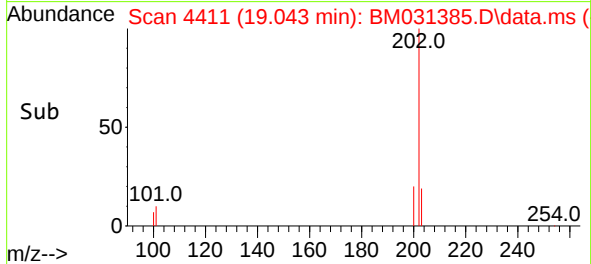
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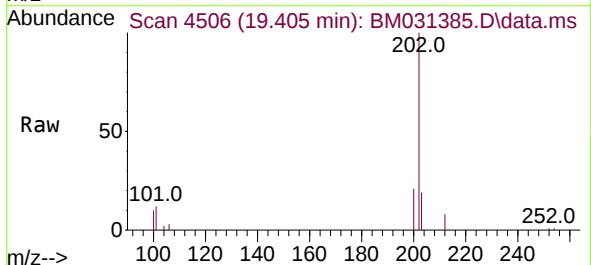
#19
Fluoranthene
Concen: 0.42 ng/ul
RT: 19.043 min Scan# 4411
Delta R.T. 0.000 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



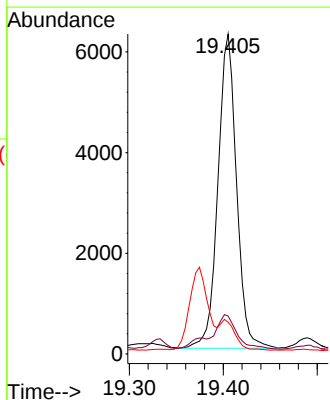
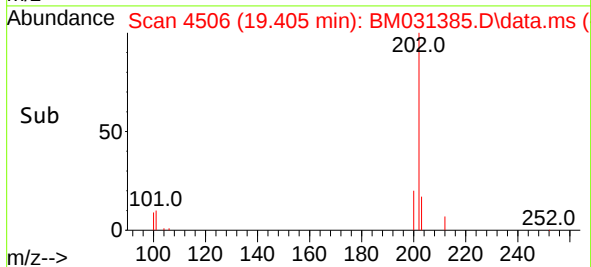
Tgt Ion:202 Resp: 9712
Ion Ratio Lower Upper
202 100
101 11.1 6.6 10.0#
100 8.0 5.4 8.0



#20
Pyrene
Concen: 0.37 ng/ul
RT: 19.405 min Scan# 4506
Delta R.T. -0.004 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01



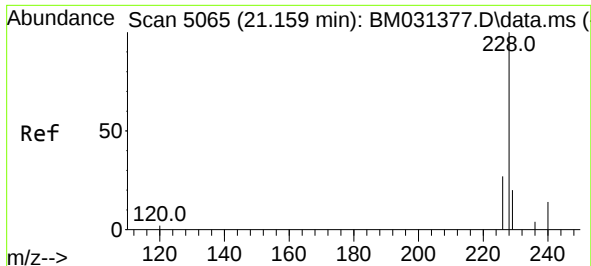
Tgt Ion:202 Resp: 8597
Ion Ratio Lower Upper
202 100
101 11.9 7.8 11.6#
100 9.9 6.6 10.0



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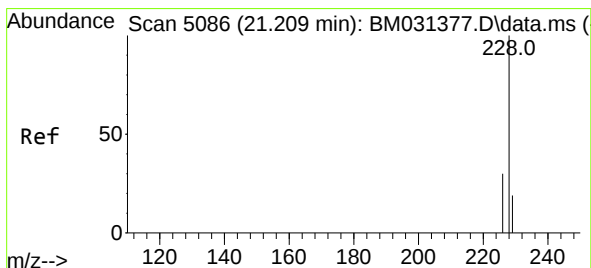
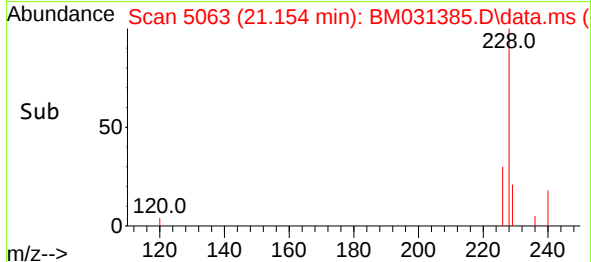
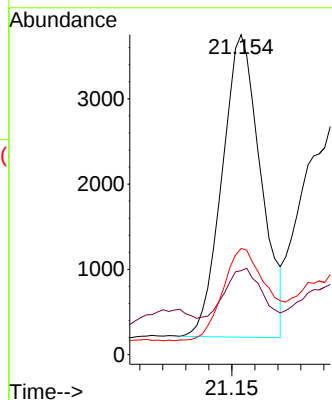
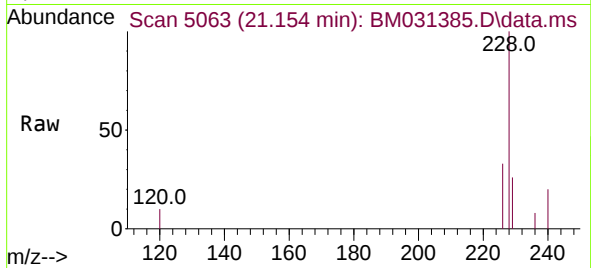
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Benzo(a)anthracene
Concen: 0.19 ng/ul
RT: 21.154 min Scan# 5063
Delta R.T. -0.005 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion:228 Resp: 4127
Ion Ratio Lower Upper
228 100
229 26.2 15.6 23.4#
226 33.2 21.7 32.5#

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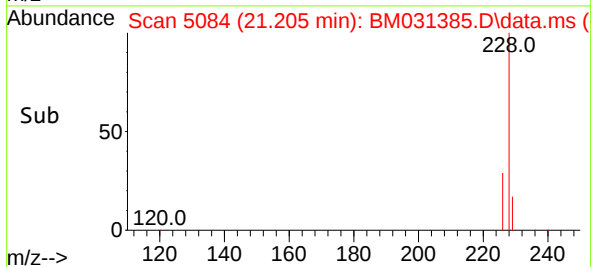
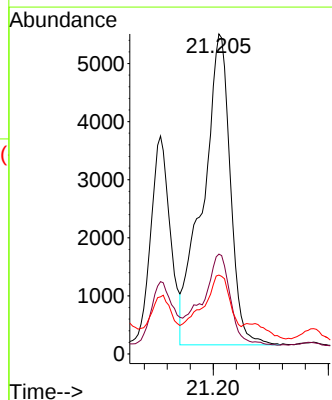
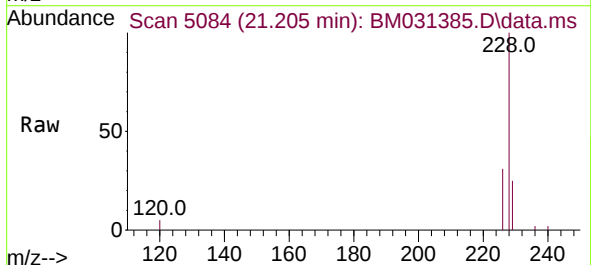
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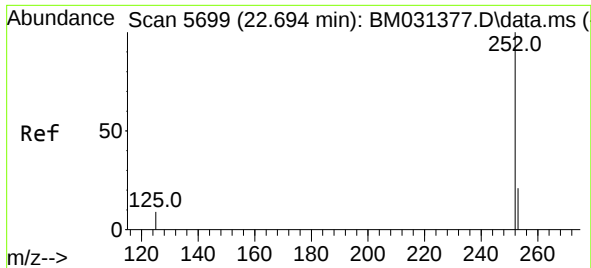
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#22
Chrysene
Concen: 0.39 ng/ul
RT: 21.205 min Scan# 5084
Delta R.T. -0.005 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion:228 Resp: 8889
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 24.7 16.2 24.2#





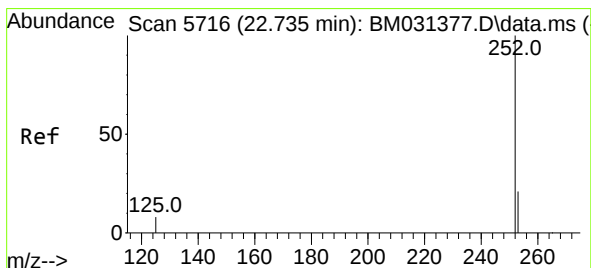
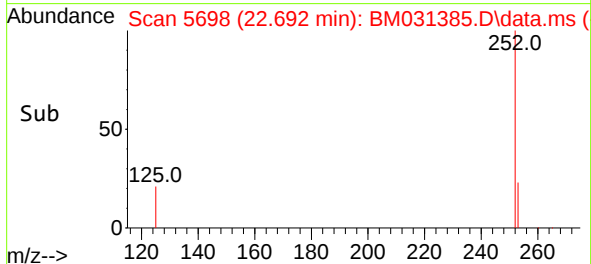
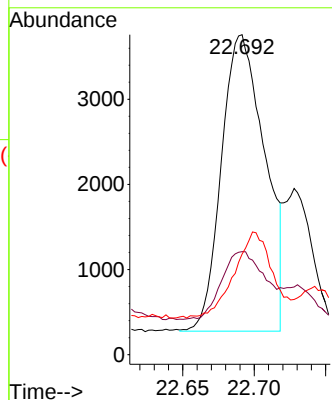
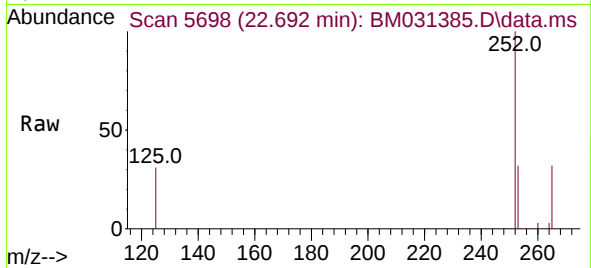
#24
Benzo(b)fluoranthene
Concen: 0.32 ng/ul m
RT: 22.692 min Scan# 5698
Delta R.T. 0.000 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	53.0
125	31.5	0.0	22.8#

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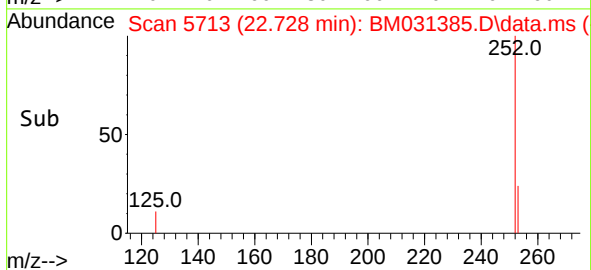
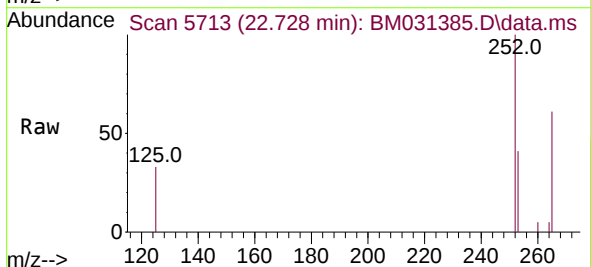
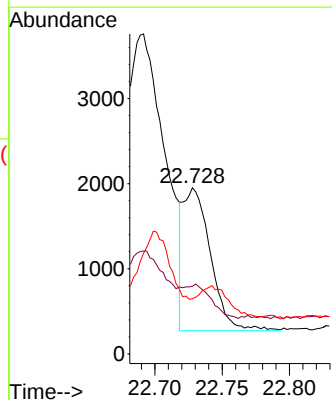
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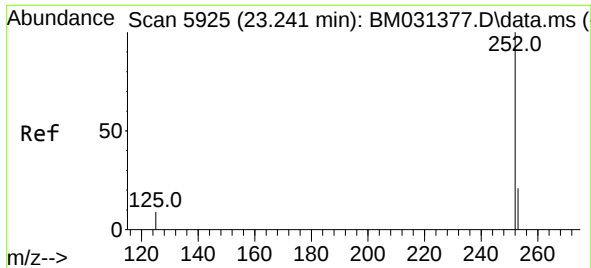
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#25
Benzo(k)fluoranthene
Concen: 0.10 ng/ul m
RT: 22.728 min Scan# 5713
Delta R.T. -0.007 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	40.7	21.3	31.9#
125	33.2	8.8	13.2#





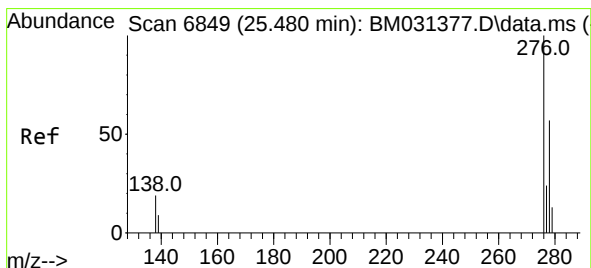
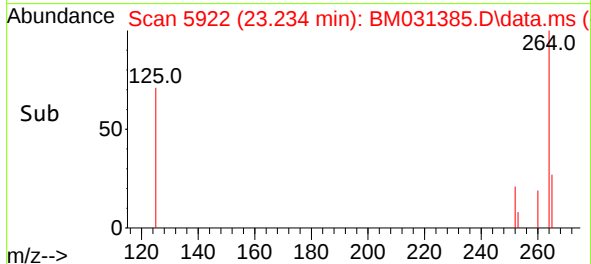
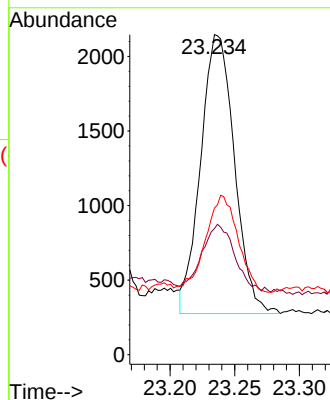
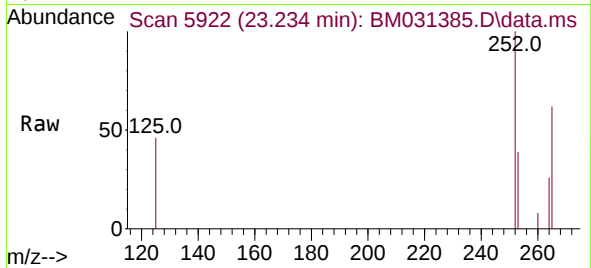
#26
Benzo(a)pyrene
Concen: 0.17 ng/ul
RT: 23.234 min Scan# 5922
Delta R.T. -0.009 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	39.4	22.4	33.6#
125	45.8	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C0075DL

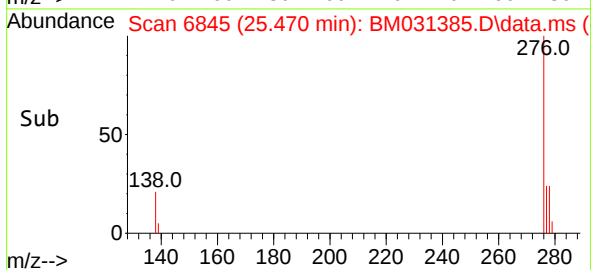
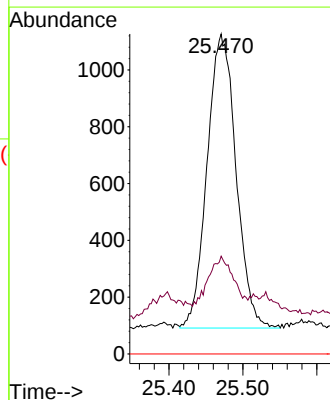
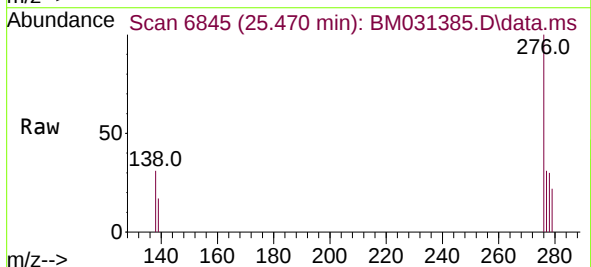
Manual Integrations
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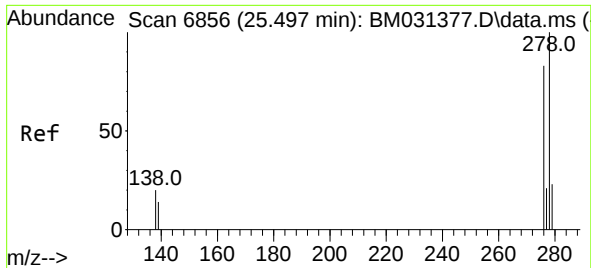
mohammad
8/3/2021 11:50:44 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul
RT: 25.470 min Scan# 6845
Delta R.T. -0.009 min
Lab File: BM031385.D
Acq: 02 Aug 2021 21:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.8	23.8#
227	0.0	0.0	0.0





#28
 Dibenzo(a,h)anthracene
 Concen: 0.04 ng/ul
 RT: 25.480 min Scan# 6849
 Delta R.T. -0.012 min
 Lab File: BM031385.D
 Acq: 02 Aug 2021 21:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	54.4	13.3	19.9#
279	73.0	22.8	34.2#

Instrument :
 BNA_M
 ClientSampleID :
 C0075DL

Manual Integrations
 APPROVED

mohammad
 8/3/2021 11:50:44 AM

