

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031298.D
 Acq On : 31 Jul 2021 05:55
 Operator : CG/JU
 Sample : M3091-15
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0053

Manual Integrations
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Quant Time: Jul 31 06:33:20 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 : Sat Jul 31 06:03:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	1031	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	3833	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.239	164	2304	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.985	188	4420	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.173	240	3650	0.400	ng/ul	# 0.00
23) Perylene-d12	23.336	264	3743	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3923	3.426	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	1392	0.216	ng/ul	0.00
18) Fluoranthene-d10	19.016	212	2902	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.419	128	1688	0.148	ng/ul#	93
7) 2-Methylnaphthalene	12.038	142	1116	0.143	ng/ul	97
8) 1-Methylnaphthalene	12.263	142	741	0.096	ng/ul	100
10) Acenaphthylene	13.959	152	2311	0.236	ng/ul	96
11) Acenaphthene	14.303	153	185	0.022	ng/ul#	88
12) Fluorene	15.293	166	352	0.037	ng/ul#	77
15) Phenanthrene	17.027	178	11319	0.806	ng/ul	99
16) Anthracene	17.117	178	2986	0.227	ng/ul	97
19) Fluoranthene	19.047	202	19935	1.279	ng/ul	97
20) Pyrene	19.409	202	19247	1.218	ng/ul	96
21) Benzo(a)anthracene	21.156	228	10806	0.733	ng/ul	94
22) Chrysene	21.210	228	14451	0.948	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	18262m	1.083	ng/ul	
25) Benzo(k)fluoranthene	22.733	252	6100m	0.350	ng/ul	
26) Benzo(a)pyrene	23.244	252	9726	0.659	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.480	276	7170	0.376	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.485	278	1834	0.119	ng/ul#	65
29) Benzo(g,h,i)perylene	26.134	276	5916	0.363	ng/ul#	94

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

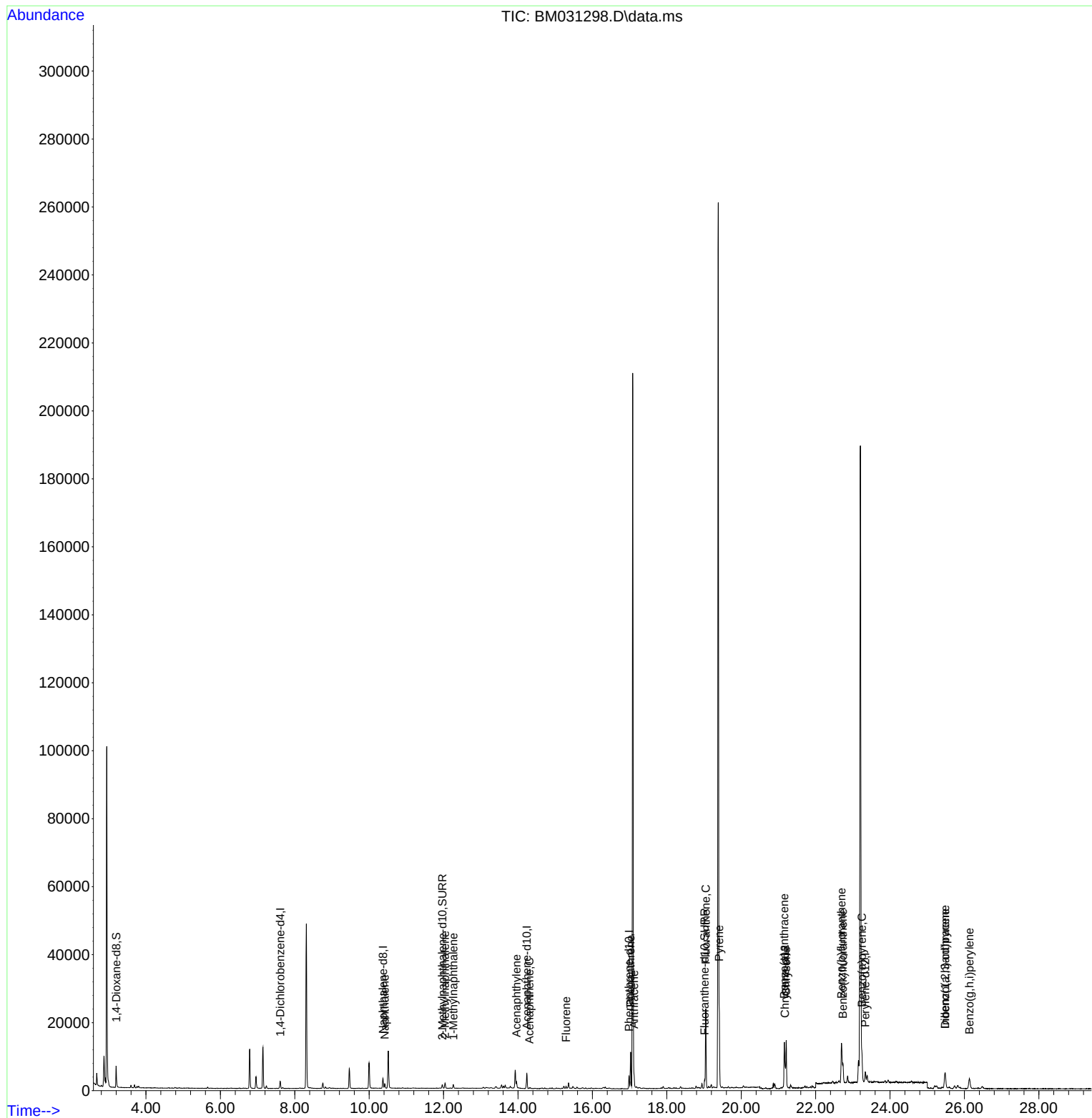
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
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Acq On : 31 Jul 2021 05:55
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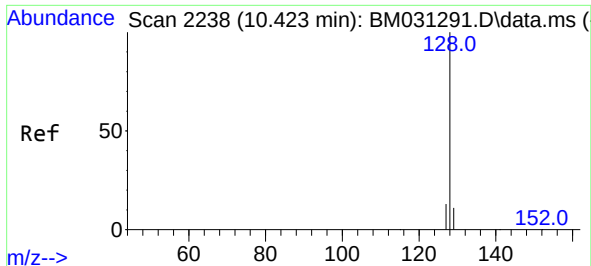
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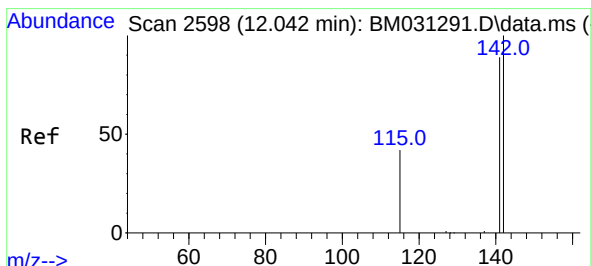
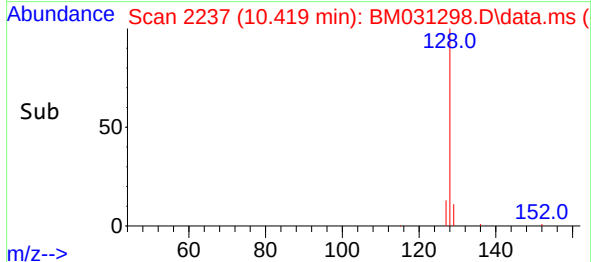
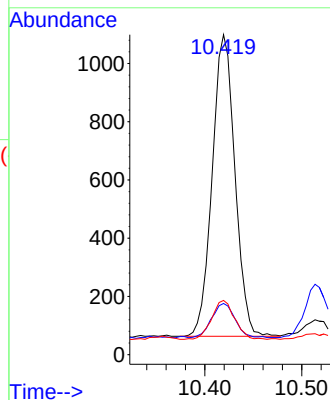
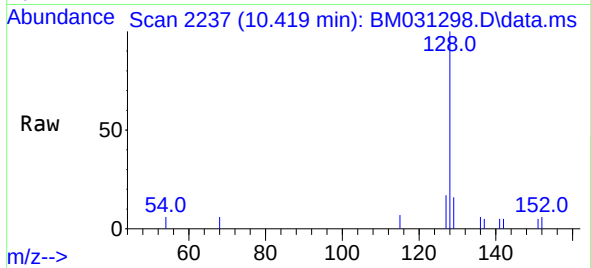
#5
Naphthalene
Concen: 0.148 ng/ul
RT: 10.419 min Scan# 2237
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:128 Resp: 1688
Ion Ratio Lower Upper
128 100
129 16.0 10.0 15.0#
127 16.9 11.6 17.4

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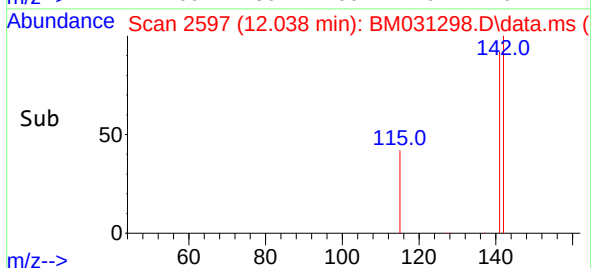
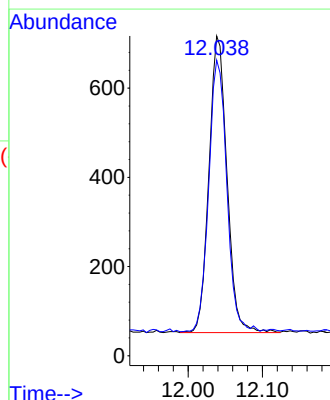
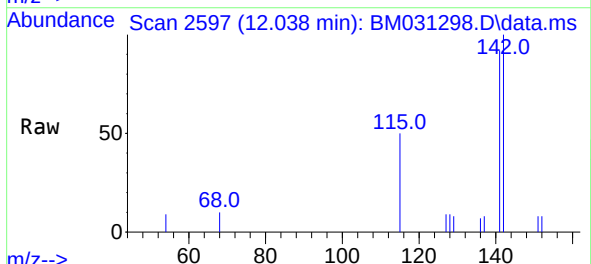
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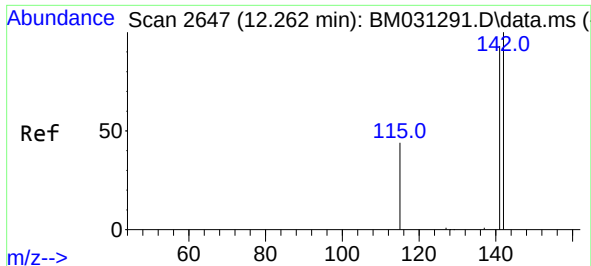
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#7
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:142 Resp: 1116
Ion Ratio Lower Upper
142 100
141 91.8 71.4 107.0





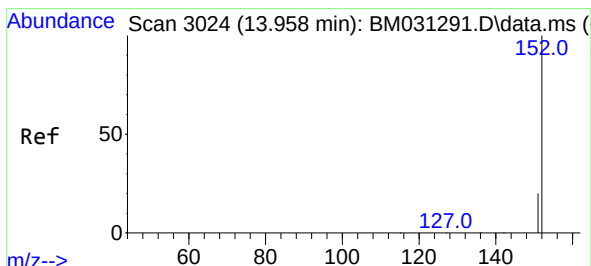
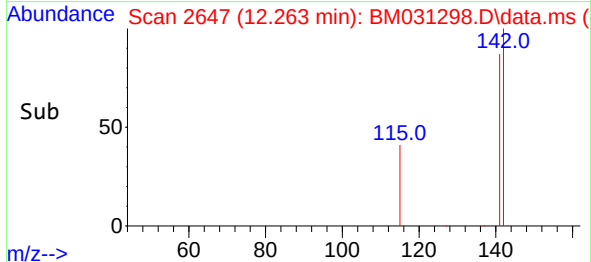
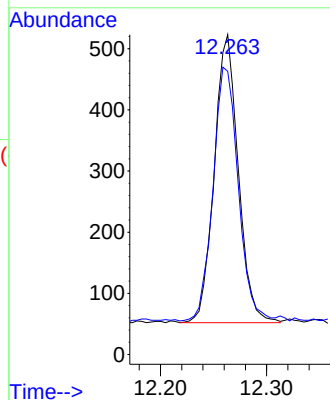
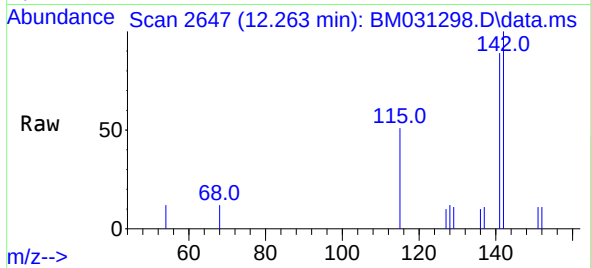
#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:142 Resp: 741
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

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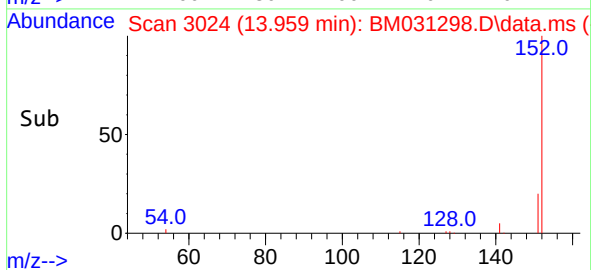
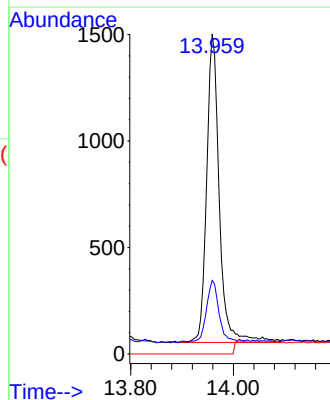
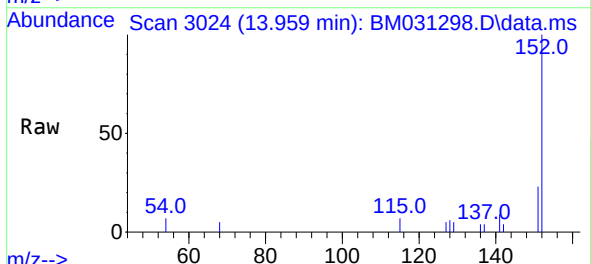
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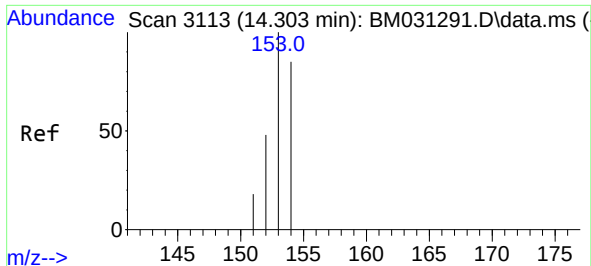
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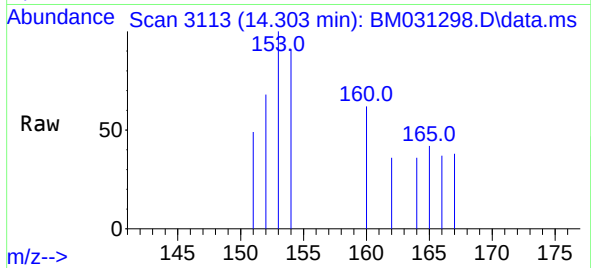
#10
Acenaphthylene
Concen: 0.236 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:152 Resp: 2311
Ion Ratio Lower Upper
152 100
151 23.0 16.9 25.3
153 0.0 0.0 0.0

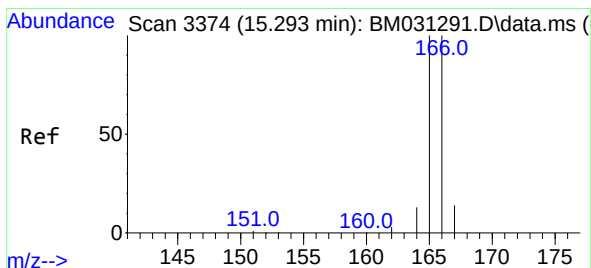
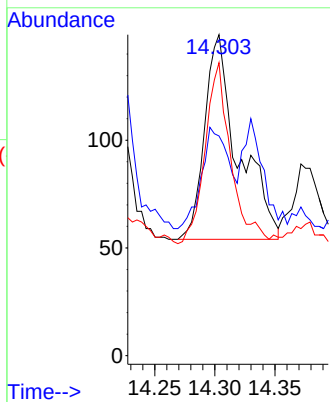
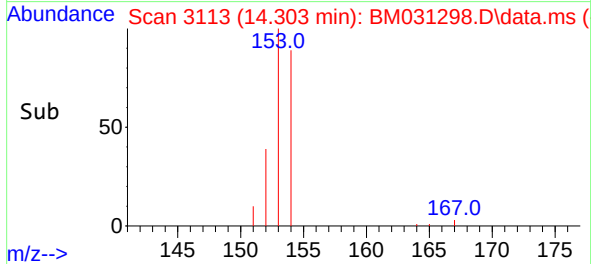




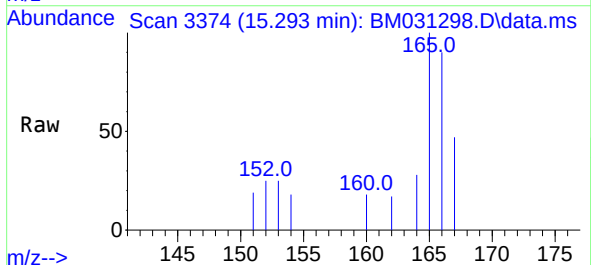
#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55



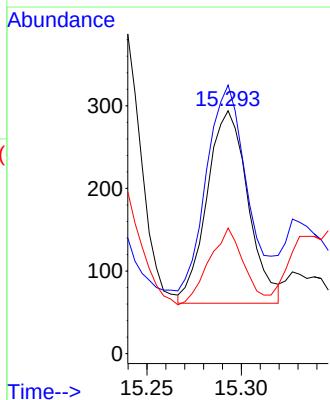
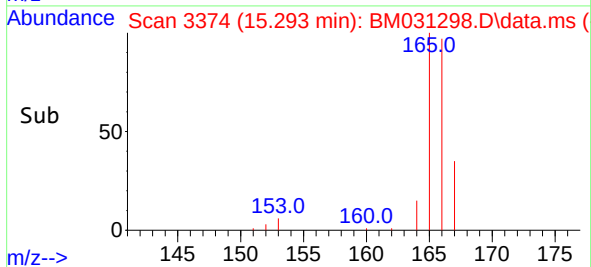
Tgt Ion:153 Resp: 185
Ion Ratio Lower Upper
153 100
152 68.5 40.7 61.1#
154 91.3 70.2 105.2



#12
Fluorene
Concen: 0.037 ng/u1
RT: 15.293 min Scan# 3374
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55



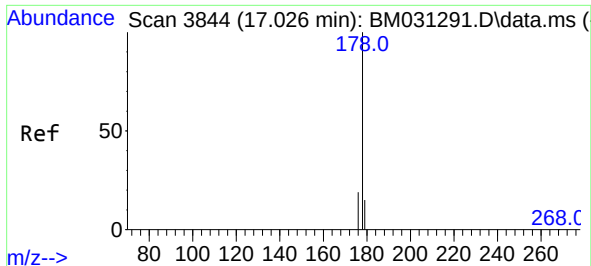
Tgt Ion:166 Resp: 352
Ion Ratio Lower Upper
166 100
165 110.5 78.0 117.0
167 51.7 12.0 18.0#



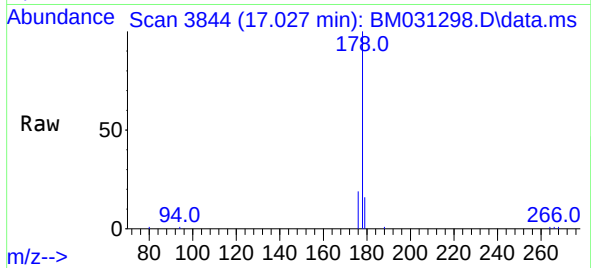
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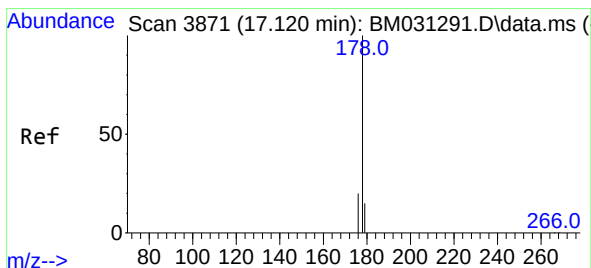
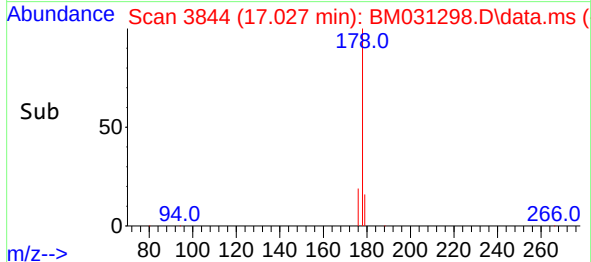
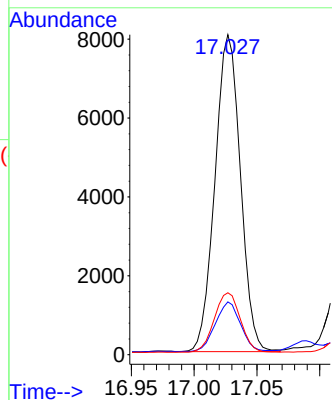
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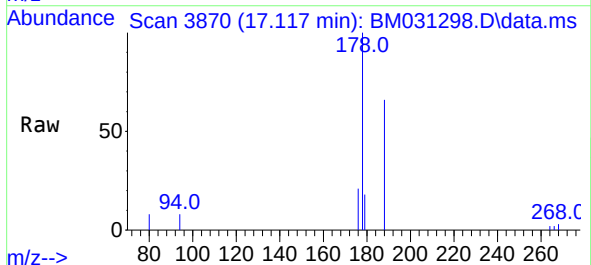
#15
Phenanthrene
Concen: 0.806 ng/u1
RT: 17.027 min Scan# 3844
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55



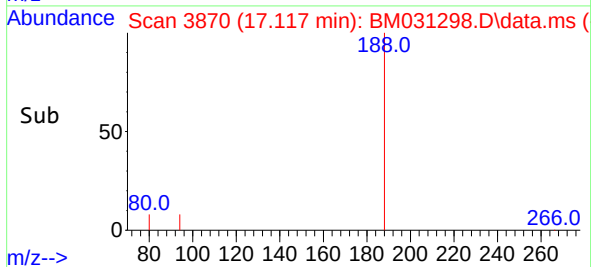
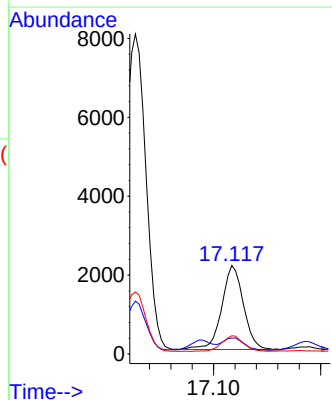
Tgt Ion:178 Resp: 11319
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.4 16.2 24.4



#16
Anthracene
Concen: 0.227 ng/u1
RT: 17.117 min Scan# 3870
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55



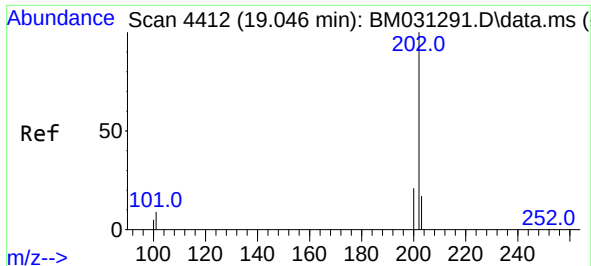
Tgt Ion:178 Resp: 2986
Ion Ratio Lower Upper
178 100
179 18.0 13.0 19.6
176 20.6 15.6 23.4



Instrument :
BNA_M
ClientSampled :
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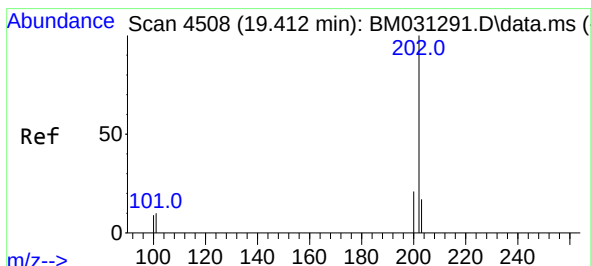
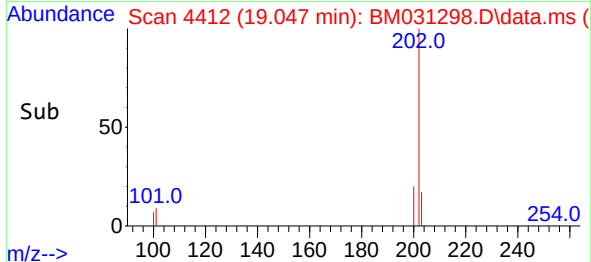
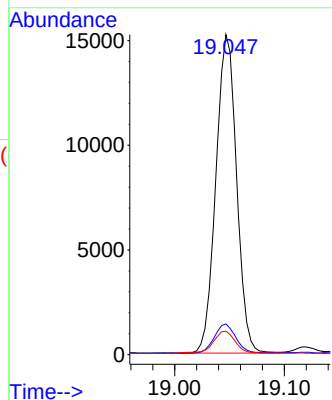
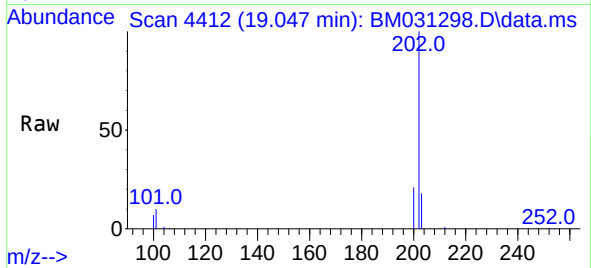
#19
Fluoranthene
Concen: 1.279 ng/ul
RT: 19.047 min Scan# 4412
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	202	Resp:	19935
Ion Ratio	Lower	Upper	
202	100		
101	9.6	6.6	10.0
100	7.3	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C0053

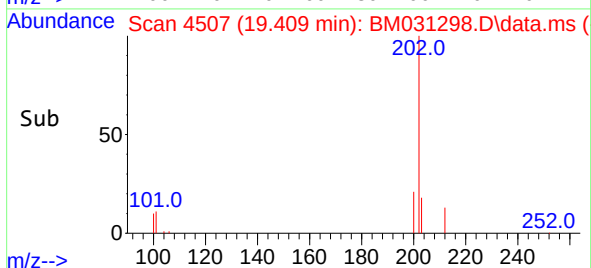
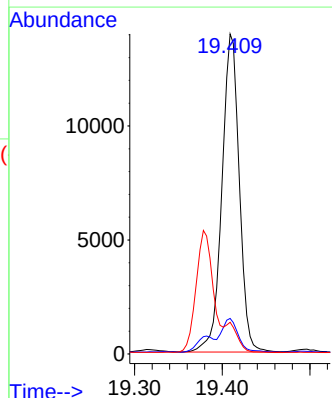
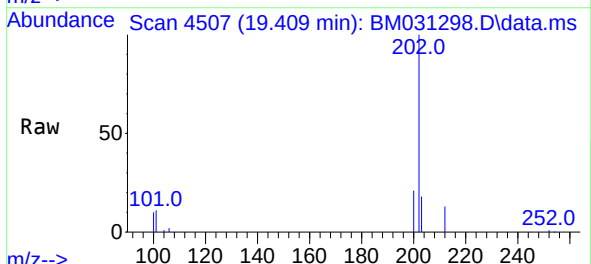
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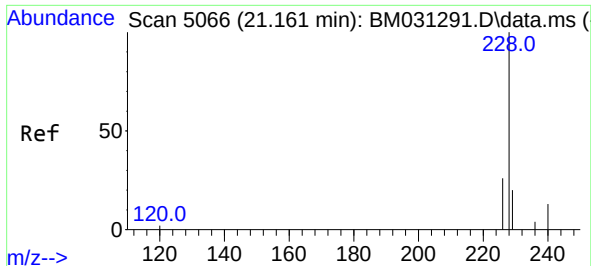
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#20
Pyrene
Concen: 1.218 ng/ul
RT: 19.409 min Scan# 4507
Delta R.T. -0.003 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	202	Resp:	19247
Ion Ratio	Lower	Upper	
202	100		
101	11.1	7.8	11.6
100	9.9	6.6	10.0





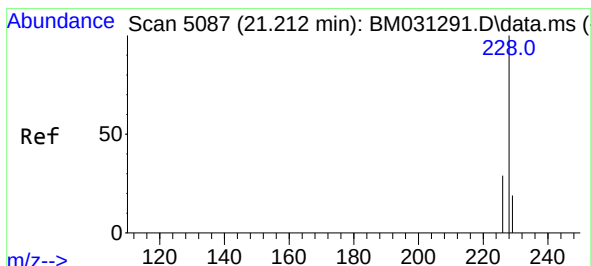
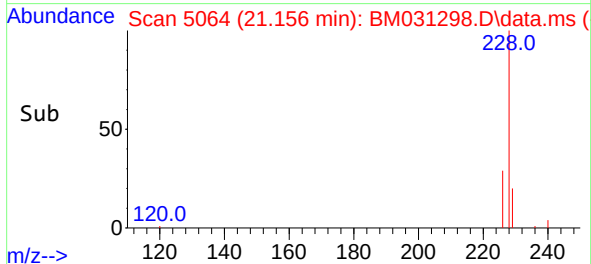
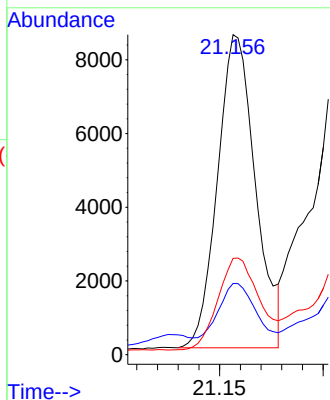
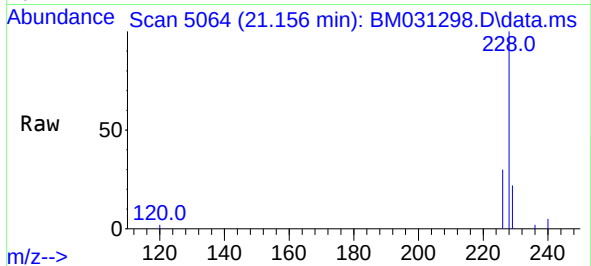
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Benzo(a)anthracene
Concen: 0.733 ng/ul
RT: 21.156 min Scan# 5064
Delta R.T. -0.004 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:228	Resp:	10806
Ion Ratio	Lower	Upper
228	100	
229	22.3	15.6 23.4
226	30.1	21.7 32.5

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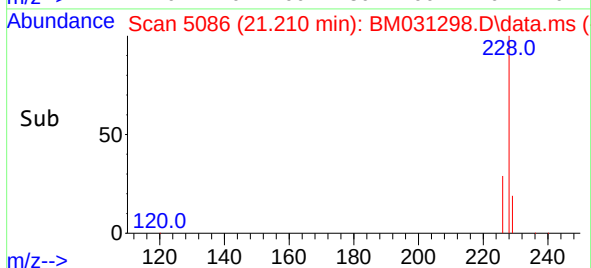
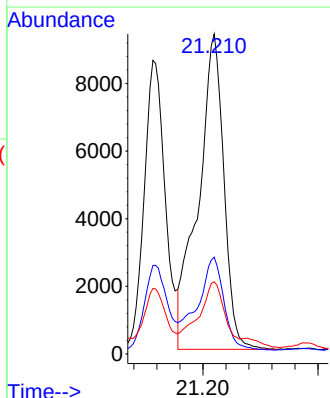
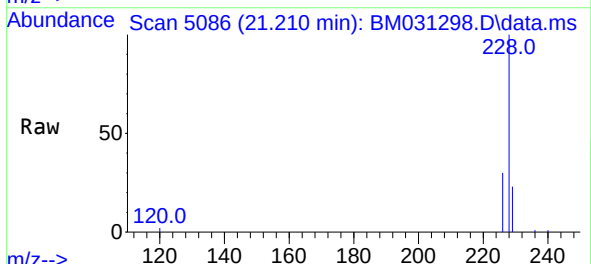
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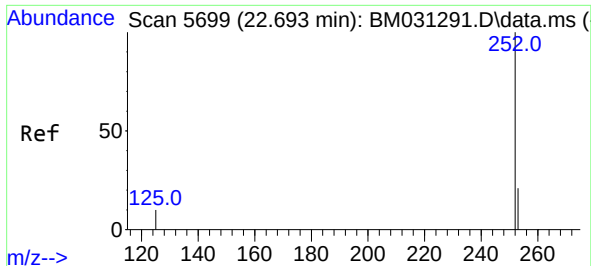
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#22
Chrysene
Concen: 0.948 ng/ul
RT: 21.210 min Scan# 5086
Delta R.T. -0.004 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:228	Resp:	14451
Ion Ratio	Lower	Upper
228	100	
226	30.2	24.7 37.1
229	22.5	16.2 24.2





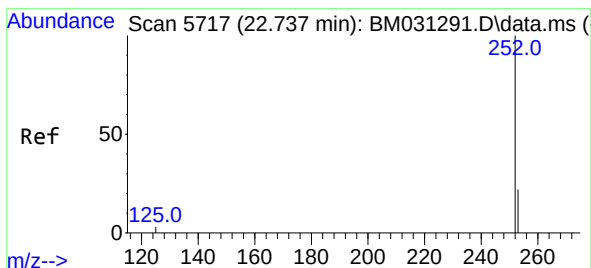
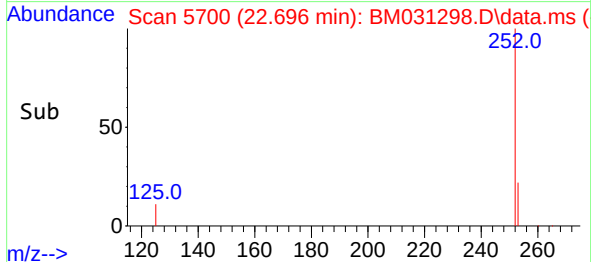
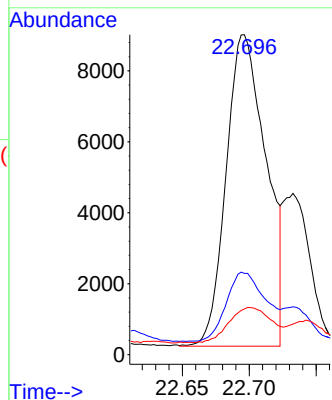
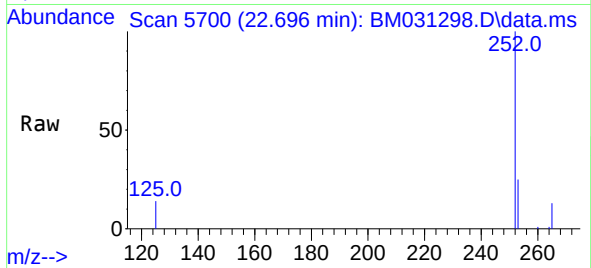
#24
Benzo(b)fluoranthene
Concen: 1.083 ng/ul m
RT: 22.696 min Scan# 5700
Delta R.T. -0.002 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	252	Resp:	18262
Ion Ratio	Lower	Upper	
252	100		
253	25.4	0.0	53.0
125	14.3	0.0	22.8

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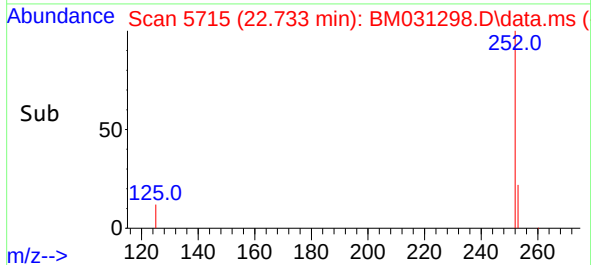
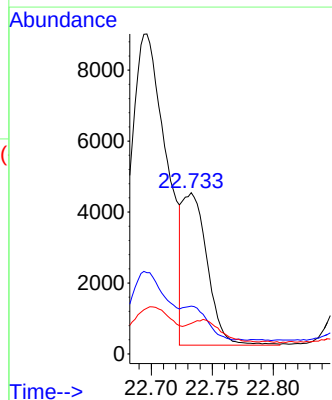
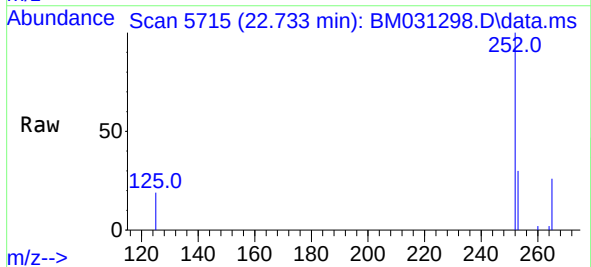
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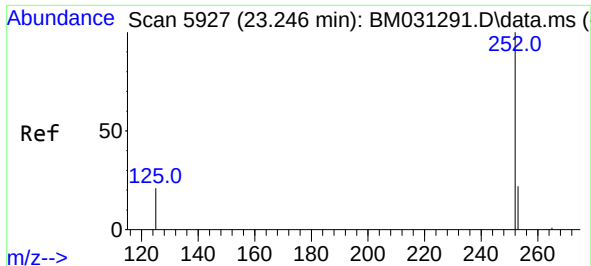
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#25
Benzo(k)fluoranthene
Concen: 0.350 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. -0.007 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	252	Resp:	6100
Ion Ratio	Lower	Upper	
252	100		
253	29.7	21.3	31.9
125	18.9	8.8	13.2#





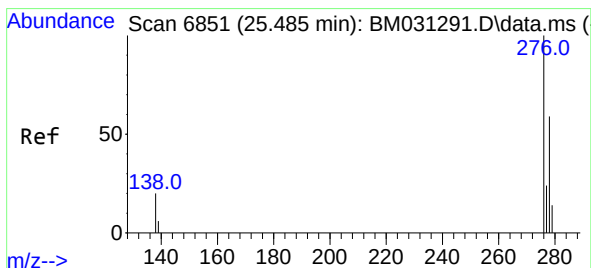
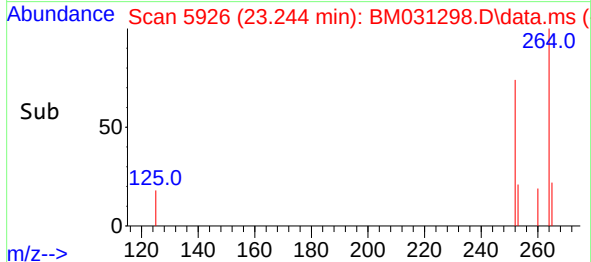
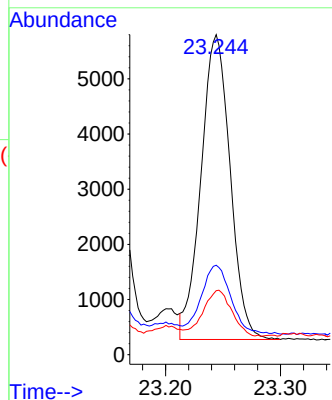
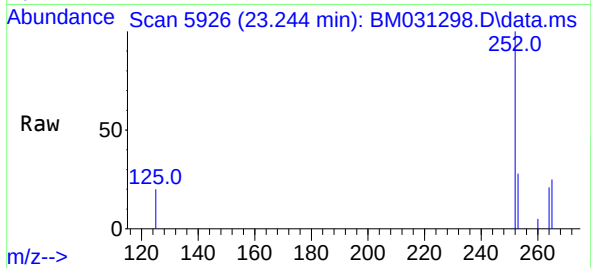
#26
Benzo(a)pyrene
Concen: 0.659 ng/ul
RT: 23.244 min Scan# 5926
Delta R.T. -0.004 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	252	Resp:	9726
Ion Ratio	Lower	Upper	
252	100		
253	27.9	22.4	33.6
125	20.0	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0053

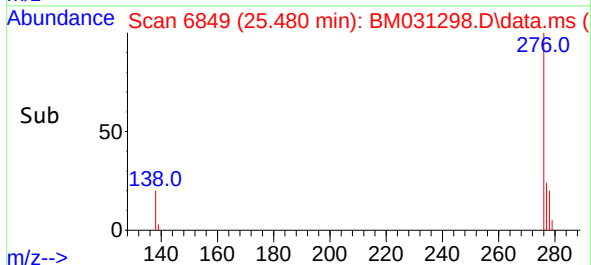
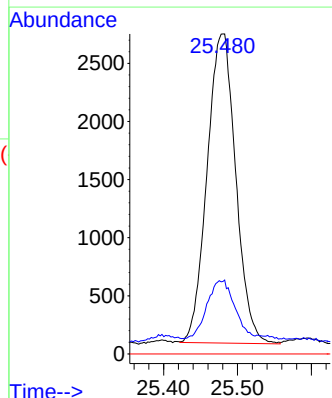
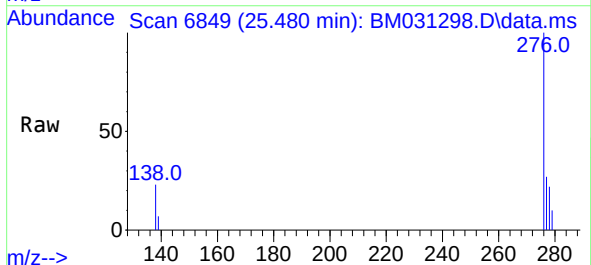
Manual Integrations
APPROVED

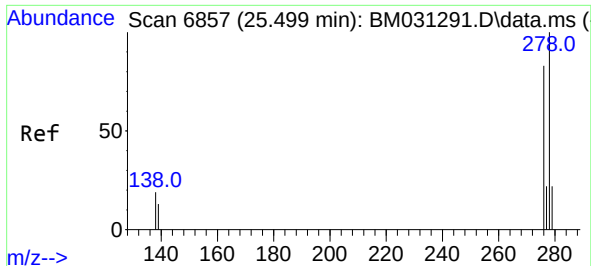
mohammad
8/2/2021 3:40:57 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.376 ng/ul
RT: 25.480 min Scan# 6849
Delta R.T. -0.009 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:	276	Resp:	7170
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.8	23.8
227	0.0	0.0	0.0





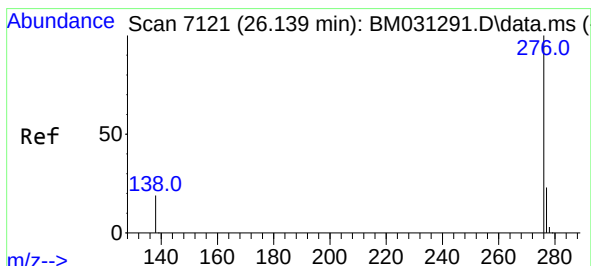
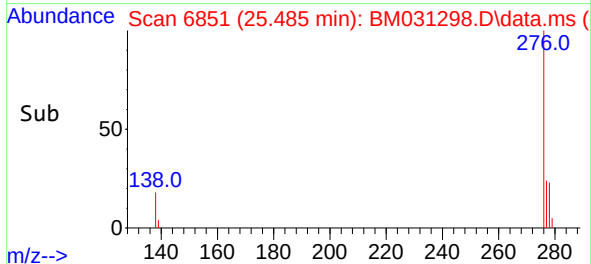
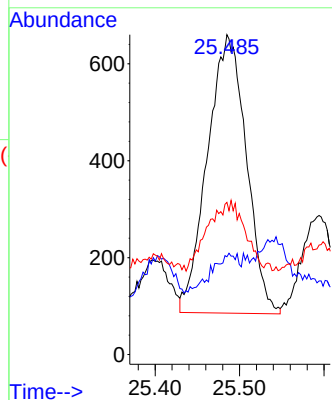
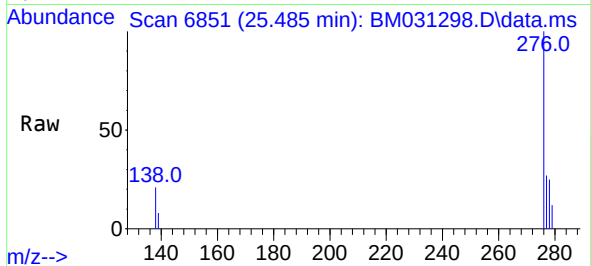
#28
Dibenzo(a,h)anthracene
Concen: 0.119 ng/ul
RT: 25.485 min Scan# 6851
Delta R.T. -0.019 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:278 Resp: 1834
Ion Ratio Lower Upper
278 100
139 30.6 13.3 19.9#
279 47.6 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0053

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:57 PM



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.134 min Scan# 7119
Delta R.T. -0.009 min
Lab File: BM031298.D
Acq: 31 Jul 2021 05:55

Tgt Ion:276 Resp: 5916
Ion Ratio Lower Upper
276 100
138 23.7 15.4 23.2#
277 26.0 19.9 29.9

