

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031145.D
 Acq On : 25 Jul 2021 07:20
 Operator : CG/JU
 Sample : M2973-10
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC7

Manual Integrations
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Quant Time: Jul 26 03:52:32 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 : Mon Jul 26 03:04:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.635	152	1230	0.40	ng/ul	0.00
4) Naphthalene-d8	10.397	136	4975	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.261	164	3299	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.006	188	7216	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.190	240	7606	0.40	ng/ul	# 0.00
23) Perylene-d12	23.358	264	7072	0.40	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.213	96	3178	2.46	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.989	152	1320	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.035	212	3893	0.17	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.446	128	2047	0.14	ng/ul	97
7) 2-Methylnaphthalene	12.065	142	314	0.03	ng/ul	99
10) Acenaphthylene	13.981	152	8481	0.63	ng/ul	97
11) Acenaphthene	14.322	153	1684	0.14	ng/ul	98
12) Fluorene	15.312	166	4251	0.30	ng/ul	98
15) Phenanthrene	17.047	178	96610	4.22	ng/ul	99
16) Anthracene	17.138	178	40768	1.90	ng/ul	97
19) Fluoranthene	19.066	202	203982	6.66	ng/ul	97
20) Pyrene	19.428	202	96695	3.09	ng/ul	97
21) Benzo(a)anthracene	21.173	228	112944	3.72	ng/ul	97
22) Chrysene	21.226	228	86986	2.65	ng/ul	98
24) Benzo(b)fluoranthene	22.716	252	100645m	3.03	ng/ul	
25) Benzo(k)fluoranthene	22.752	252	40300m	1.19	ng/ul	
26) Benzo(a)pyrene	23.263	252	23760	0.83	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.511	276	18333	0.49	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.519	278	10787	0.36	ng/ul	94

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

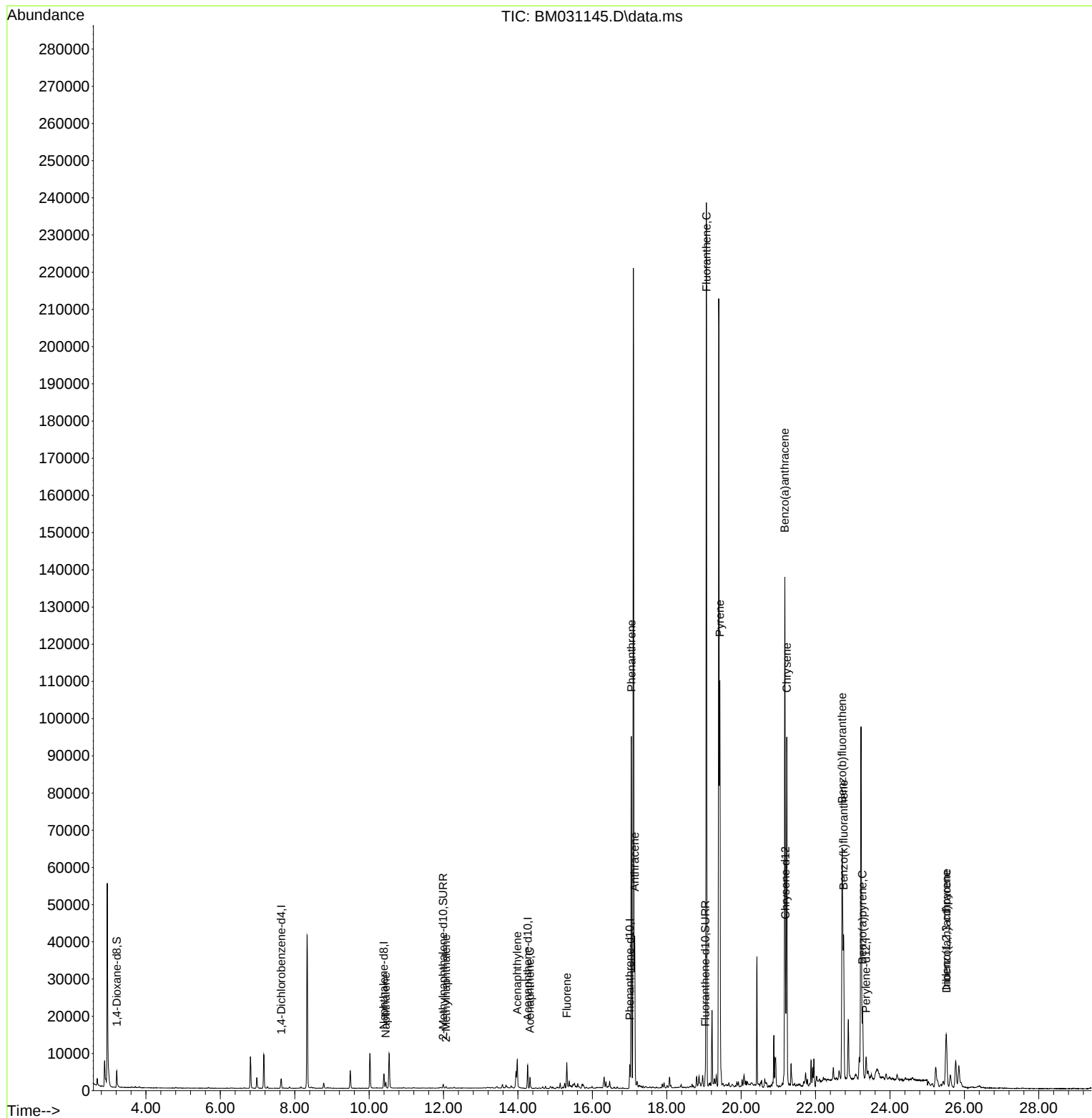
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Data File : BM031145.D
Acq On : 25 Jul 2021 07:20
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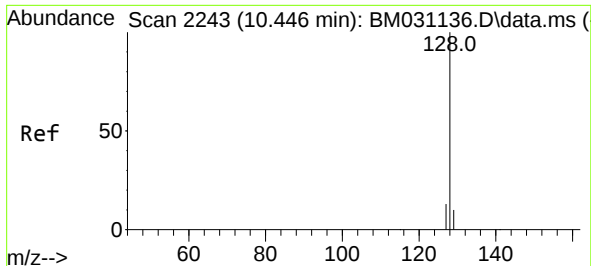
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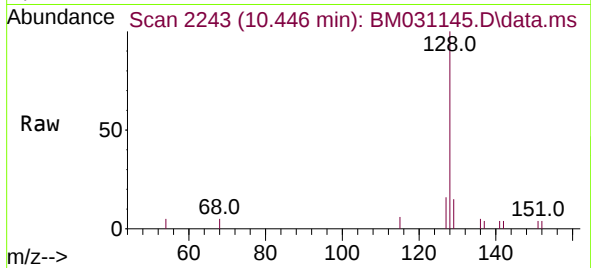
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Quant Time: Jul 26 03:52:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 26 03:04:43 2021
Response via : Initial Calibration

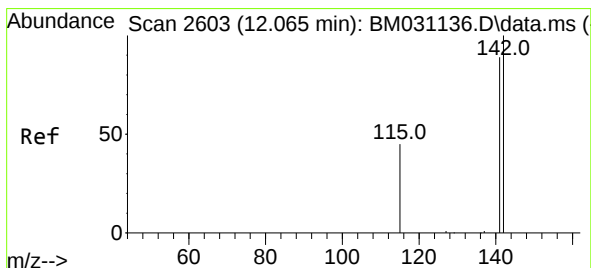
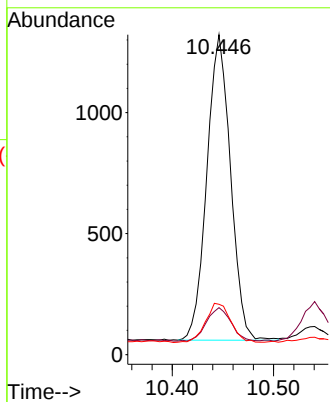
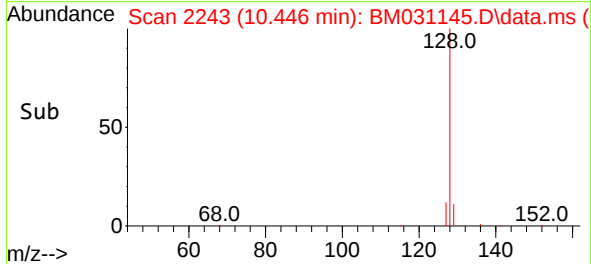




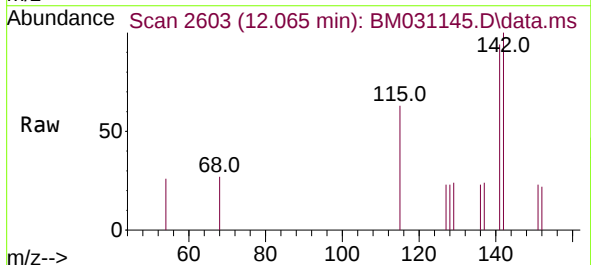
#5
Naphthalene
Concen: 0.14 ng/ul
RT: 10.446 min Scan# 2243
Delta R.T. -0.009 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



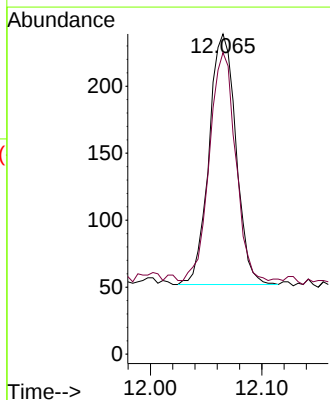
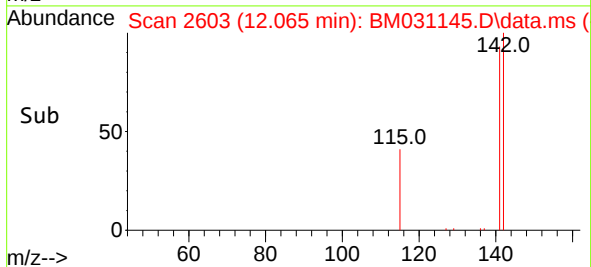
Tgt Ion:	128	Resp:	2047
Ion Ratio	100	Lower	Upper
128	100		
129	14.7	10.2	15.4
127	15.7	11.8	17.8



#7
2-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.065 min Scan# 2603
Delta R.T. -0.009 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



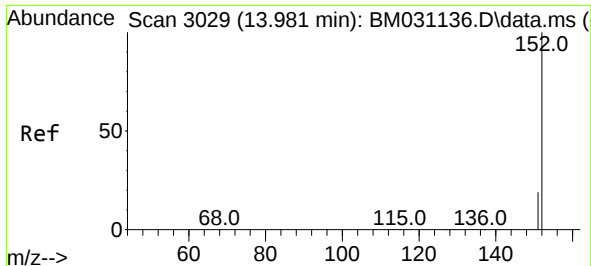
Tgt Ion:	142	Resp:	314
Ion Ratio	100	Lower	Upper
142	100		
141	90.1	71.5	107.3



Instrument :
BNA_M
ClientSampled :
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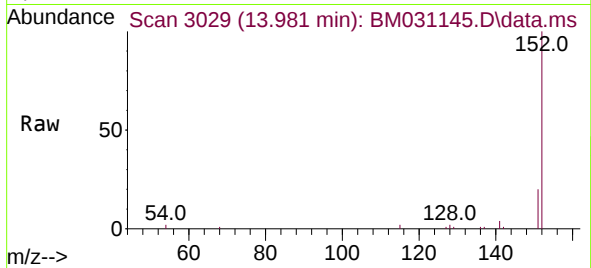
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#10
Acenaphthylene
Concen: 0.63 ng/ul
RT: 13.981 min Scan# 3029
Delta R.T. -0.009 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

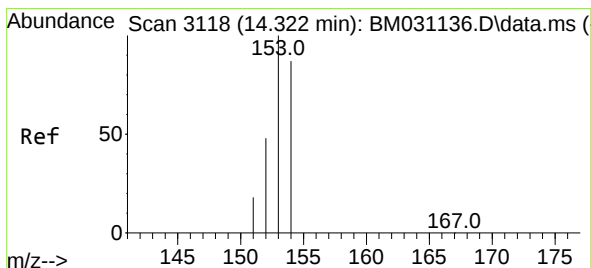
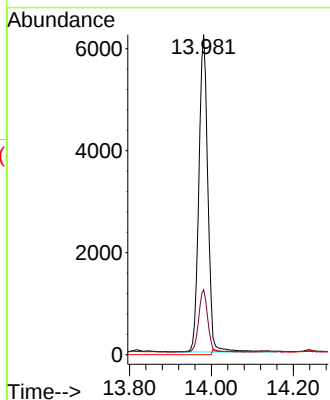
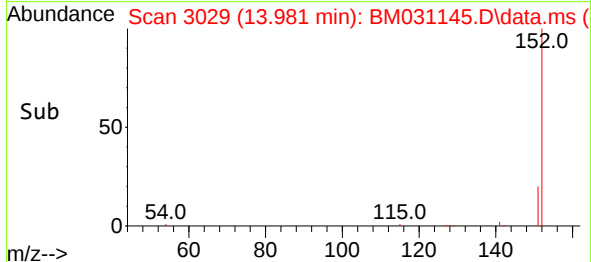
Instrument :
BNA_M
ClientSampled :
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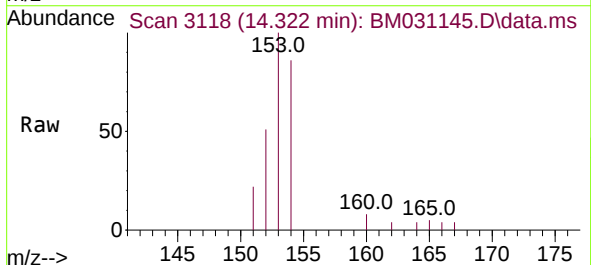
Tgt Ion:152 Resp: 8481
Ion Ratio Lower Upper
152 100
151 20.3 17.5 26.3
153 0.0 0.0 0.0

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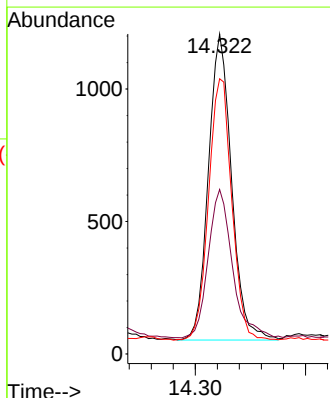
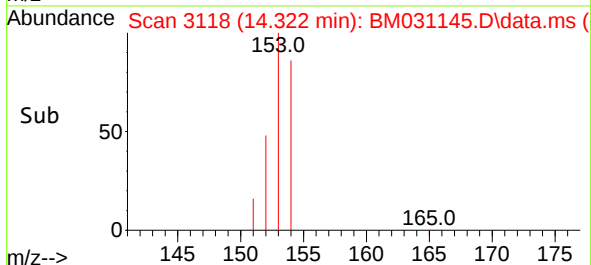
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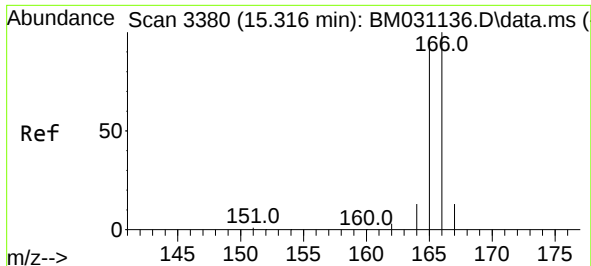


#11
Acenaphthene
Concen: 0.14 ng/ul
RT: 14.322 min Scan# 3118
Delta R.T. -0.008 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

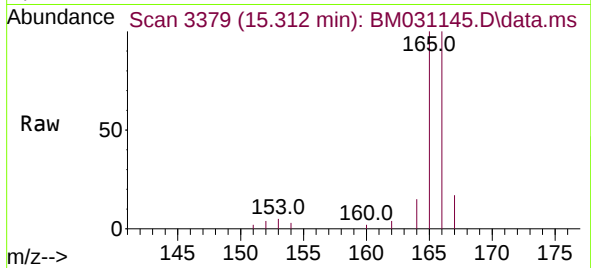


Tgt Ion:153 Resp: 1684
Ion Ratio Lower Upper
153 100
152 51.4 39.4 59.2
154 86.0 68.2 102.4

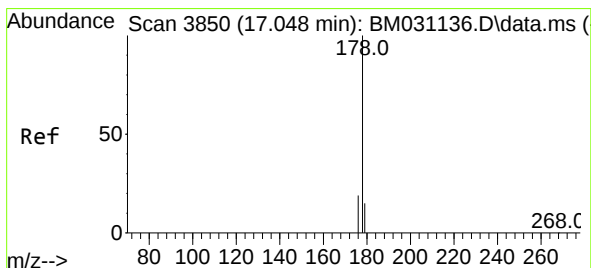
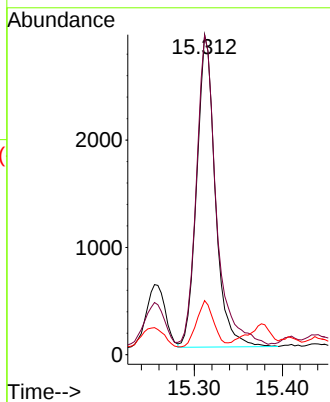
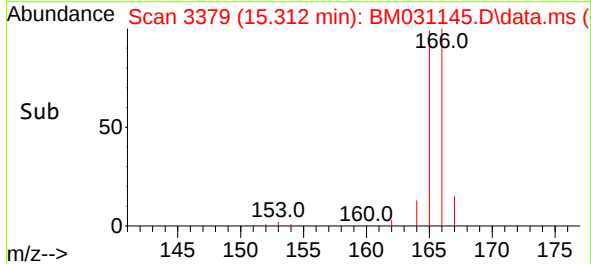




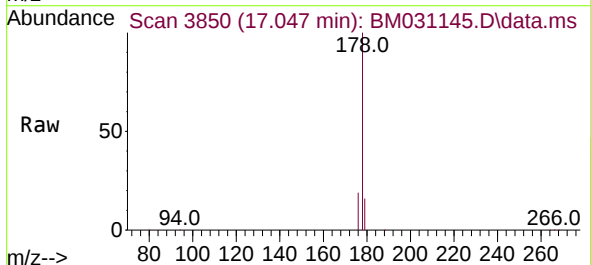
#12
Fluorene
Concen: 0.30 ng/ul
RT: 15.312 min Scan# 3379
Delta R.T. -0.008 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



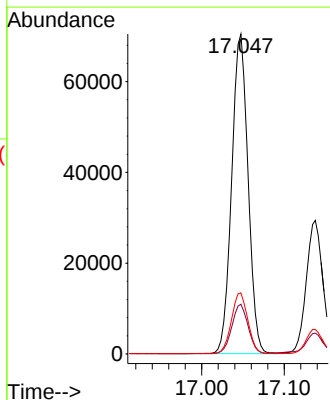
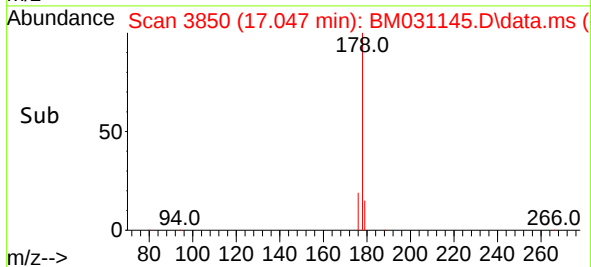
Tgt Ion:166 Resp: 4251
Ion Ratio Lower Upper
166 100
165 99.8 78.2 117.2
167 16.9 12.3 18.5



#15
Phenanthrene
Concen: 4.22 ng/ul
RT: 17.047 min Scan# 3850
Delta R.T. -0.007 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



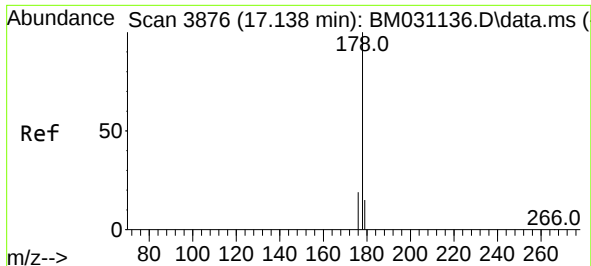
Tgt Ion:178 Resp: 96610
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 15.4 23.2



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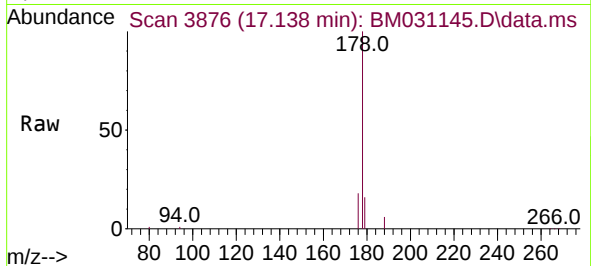
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#16
 Anthracene
 Concen: 1.90 ng/ul
 RT: 17.138 min Scan# 3876
 Delta R.T. -0.007 min
 Lab File: BM031145.D
 Acq: 25 Jul 2021 07:20

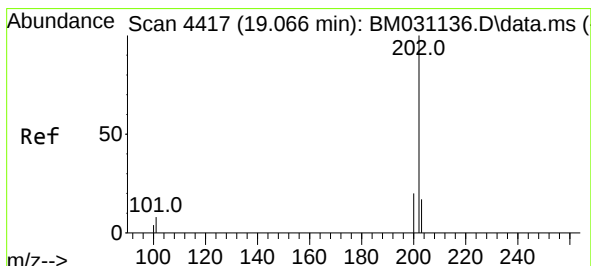
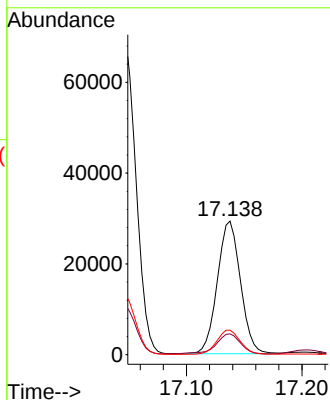
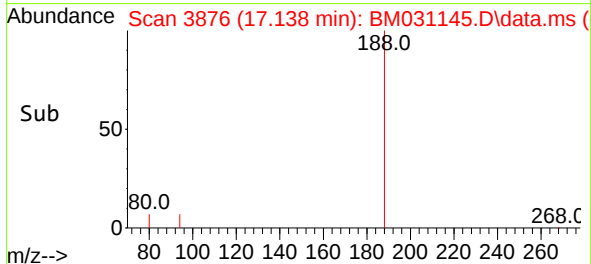
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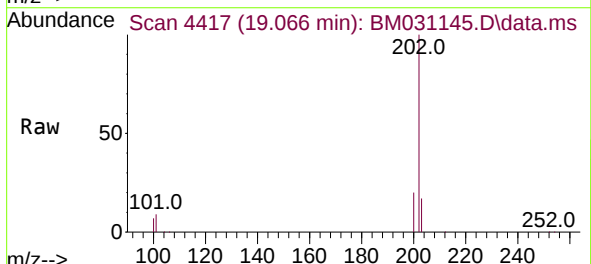
Tgt Ion:178 Resp: 40768
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.8 20.8
 176 18.4 15.7 23.5

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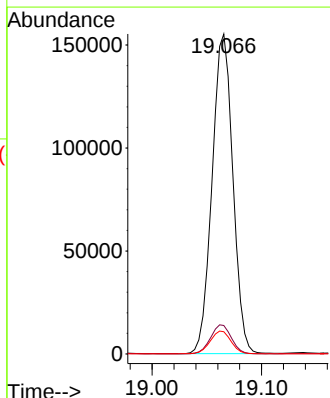
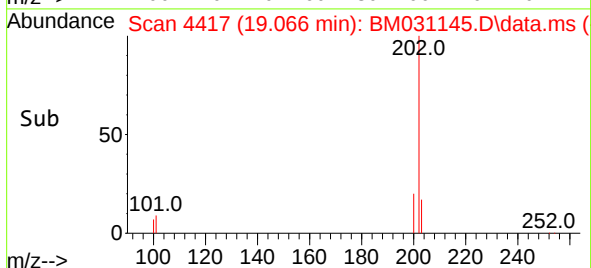
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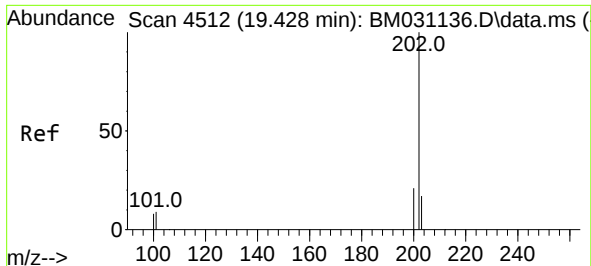


#19
 Fluoranthene
 Concen: 6.66 ng/ul
 RT: 19.066 min Scan# 4417
 Delta R.T. -0.004 min
 Lab File: BM031145.D
 Acq: 25 Jul 2021 07:20



Tgt Ion:202 Resp: 203982
 Ion Ratio Lower Upper
 202 100
 101 8.9 6.0 9.0
 100 7.0 4.8 7.2





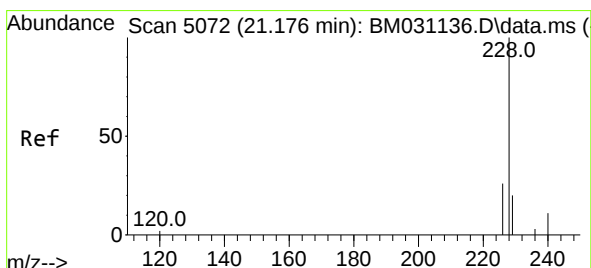
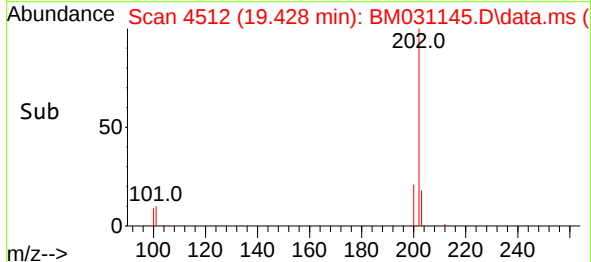
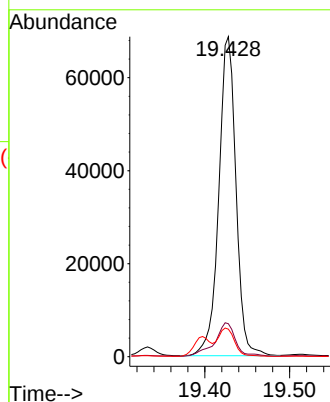
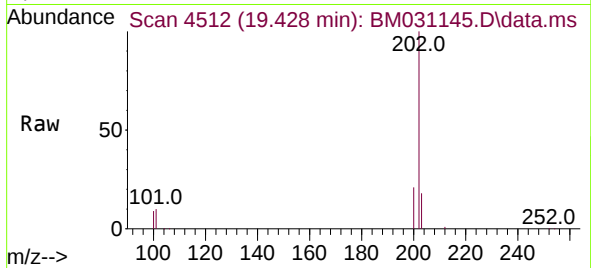
#20
Pyrene
Concen: 3.09 ng/ul
RT: 19.428 min Scan# 4512
Delta R.T. -0.008 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

Tgt Ion:202 Resp: 96695
Ion Ratio Lower Upper
202 100
101 10.3 7.4 11.0
100 8.6 6.0 9.0

Instrument :
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ClientSampled :
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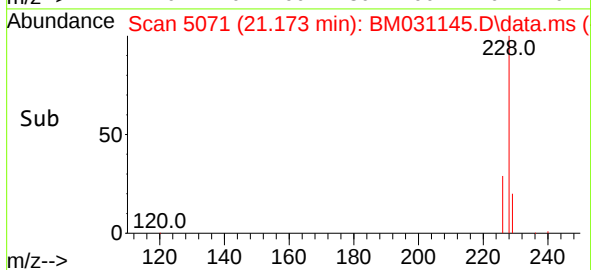
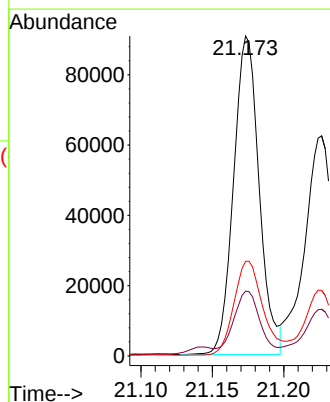
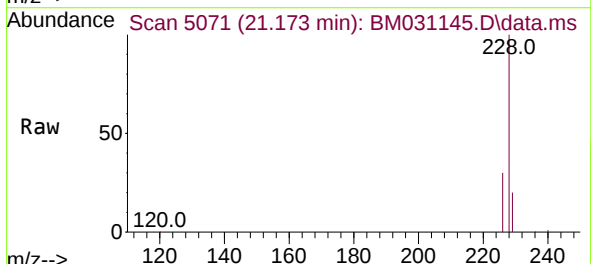
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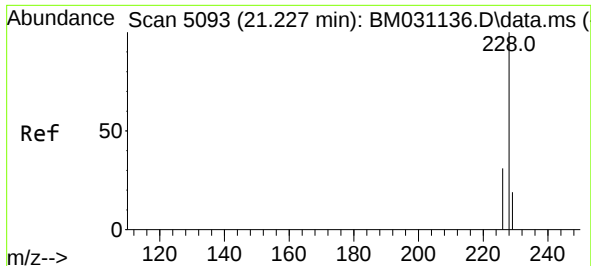
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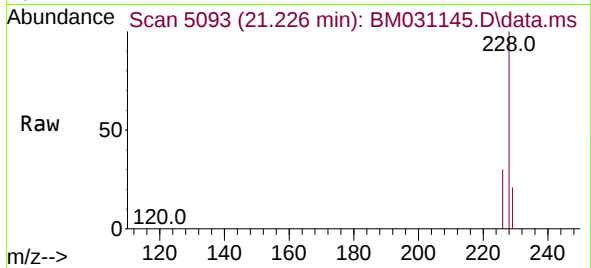
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Benzo(a)anthracene
Concen: 3.72 ng/ul
RT: 21.173 min Scan# 5071
Delta R.T. -0.010 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

Tgt Ion:228 Resp: 112944
Ion Ratio Lower Upper
228 100
229 20.3 16.0 24.0
226 29.6 21.4 32.2

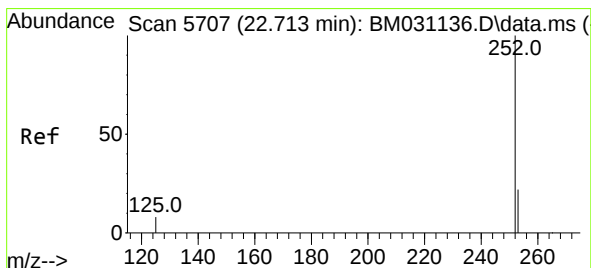
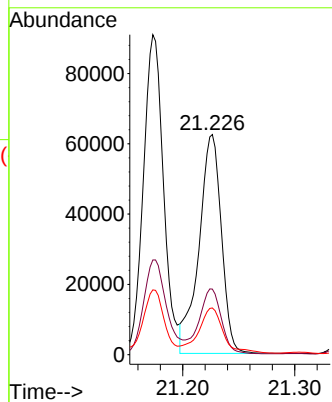
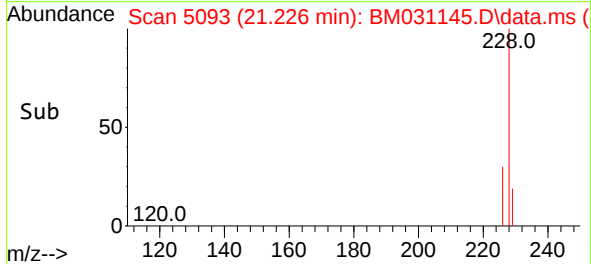




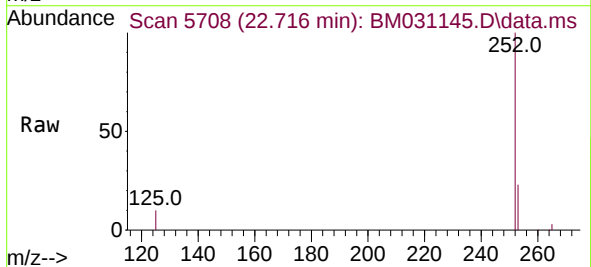
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Chrysene
Concen: 2.65 ng/ul
RT: 21.226 min Scan# 5093
Delta R.T. -0.007 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



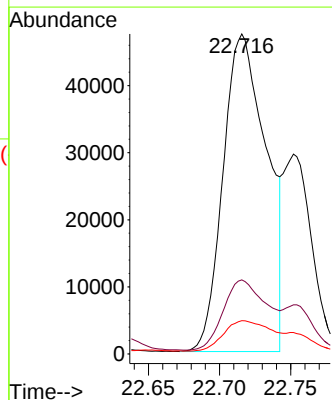
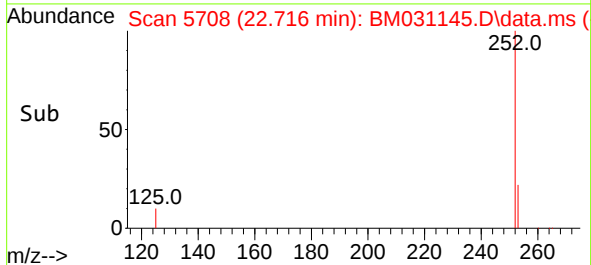
Tgt Ion:228 Resp: 86986
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 21.2 15.8 23.8



#24
Benzo(b)fluoranthene
Concen: 3.03 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.010 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



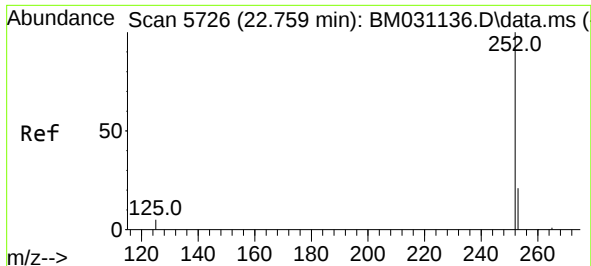
Tgt Ion:252 Resp: 100645
Ion Ratio Lower Upper
252 100
253 23.2 0.0 52.8
125 10.4 0.0 20.2



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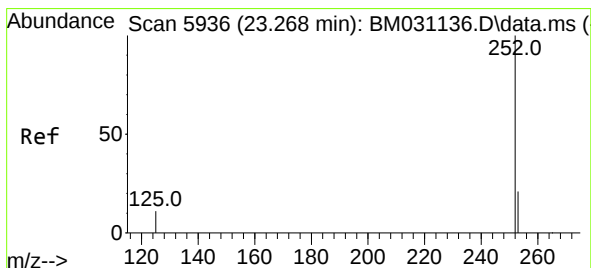
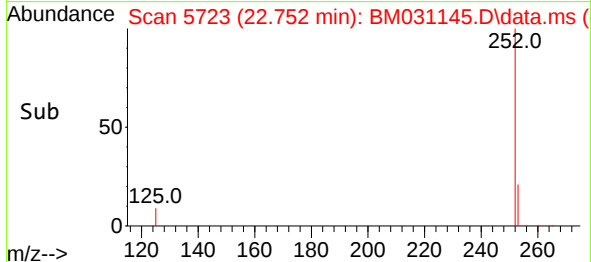
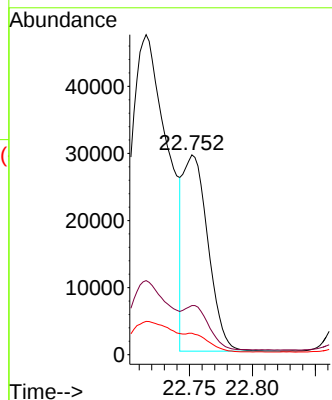
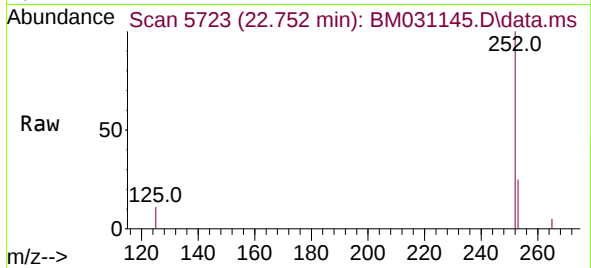
#25
Benzo(k)fluoranthene
Concen: 1.19 ng/ul m
RT: 22.752 min Scan# 5723
Delta R.T. -0.015 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

Tgt Ion:252 Resp: 40300
Ion Ratio Lower Upper
252 100
253 24.6 21.6 32.4
125 10.7 8.6 13.0

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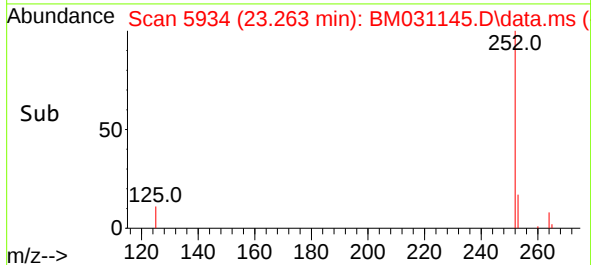
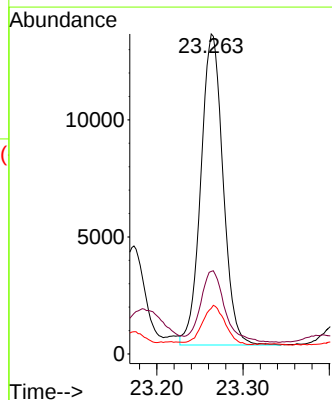
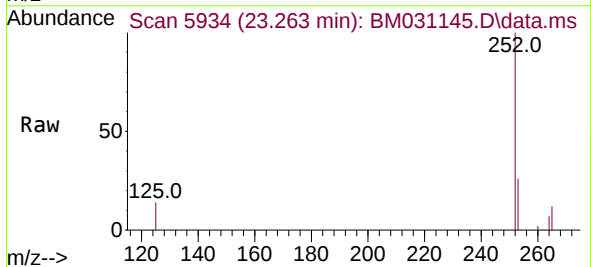
Manual Integrations
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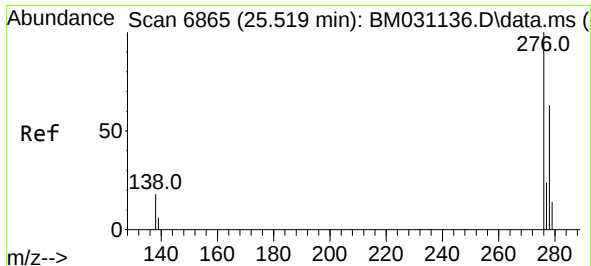
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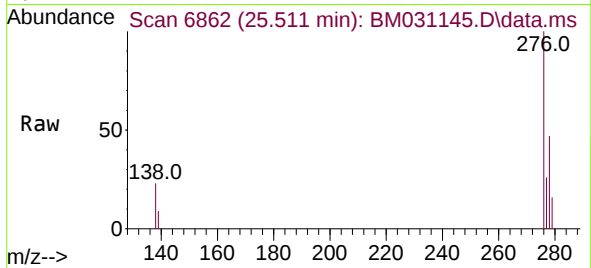
#26
Benzo(a)pyrene
Concen: 0.83 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. -0.017 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20

Tgt Ion:252 Resp: 23760
Ion Ratio Lower Upper
252 100
253 25.8 23.1 34.7
125 14.2 10.7 16.1

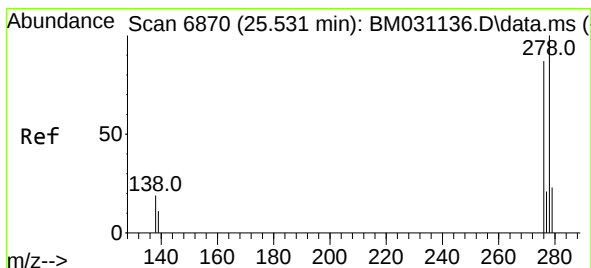
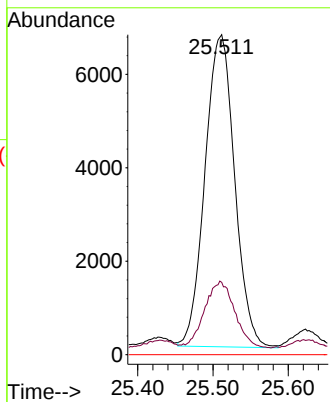
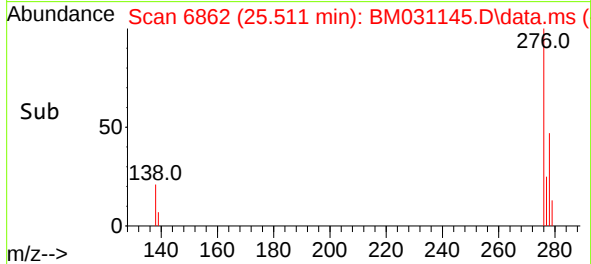




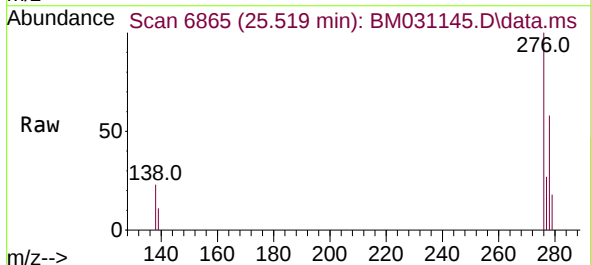
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng/ul
RT: 25.511 min Scan# 6862
Delta R.T. -0.022 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



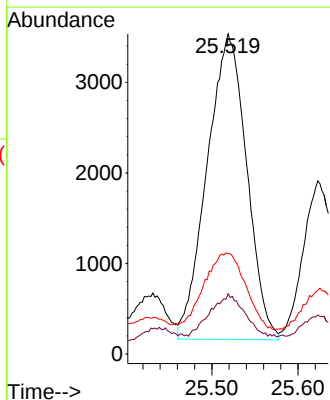
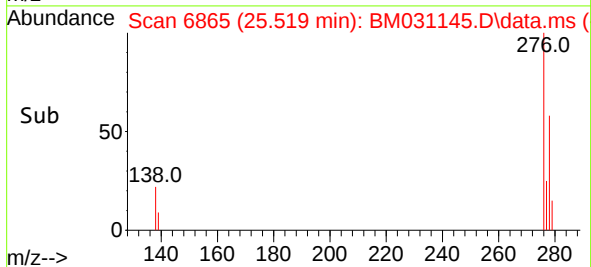
Tgt Ion: 276 Resp: 18333
Ion Ratio Lower Upper
276 100
138 21.6 15.4 23.0
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.36 ng/ul
RT: 25.519 min Scan# 6865
Delta R.T. -0.027 min
Lab File: BM031145.D
Acq: 25 Jul 2021 07:20



Tgt Ion: 278 Resp: 10787
Ion Ratio Lower Upper
278 100
139 18.8 12.6 18.8
279 31.4 22.6 34.0



Instrument :
BNA_M
ClientSampled :
BGEC7

Manual Integrations
APPROVED

mohammad
7/26/2021 1:27:32 PM