

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072321\
 Data File : BM031092.D
 Acq On : 23 Jul 2021 16:14
 Operator : CG/JU
 Sample : M2970-15
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGEC6

Manual Integrations
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Quant Time: Jul 23 16:53:15 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 : Fri Jul 23 15:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	1944	0.40	ng/ul	0.00
4) Naphthalene-d8	10.406	136	7892	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.265	164	5567	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.013	188	11895	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.202	240	10698	0.40	ng/ul	# 0.00
23) Perylene-d12	23.375	264	8317	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.220	96	5429	2.66	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.998	152	2778	0.20	ng/ul	0.00
18) Fluoranthene-d10	19.043	212	8461	0.26	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.455	128	47935	2.03	ng/ul	96
7) 2-Methylnaphthalene	12.070	142	6944	0.41	ng/ul	100
8) 1-Methylnaphthalene	12.295	142	3904	0.24	ng/ul	98
10) Acenaphthylene	13.986	152	59354	2.61	ng/ul	96
11) Acenaphthene	14.330	153	59580	2.96	ng/ul	97
12) Fluorene	15.319	166	82094	3.47	ng/ul	99
15) Phenanthrene	17.058	178	1127443	29.84	ng/ul	99
16) Anthracene	17.145	178	266949	7.54	ng/ul	97
19) Fluoranthene	19.077	202	1812565	42.09	ng/ul#	96
20) Pyrene	19.439	202	984843	22.40	ng/ul	97
21) Benzo(a)anthracene	21.185	228	750255	17.56	ng/ul	96
22) Chrysene	21.236	228	553627	11.97	ng/ul	97
24) Benzo(b)fluoranthene	22.733	252	580051m	14.83	ng/ul	
25) Benzo(k)fluoranthene	22.769	252	219388m	5.53	ng/ul	
26) Benzo(a)pyrene	23.283	252	184117	5.45	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.531	276	118527	2.68	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.543	278	53293	1.50	ng/ul	99
29) Benzo(g,h,i)perylene	26.192	276	5447	0.14	ng/ul#	66

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

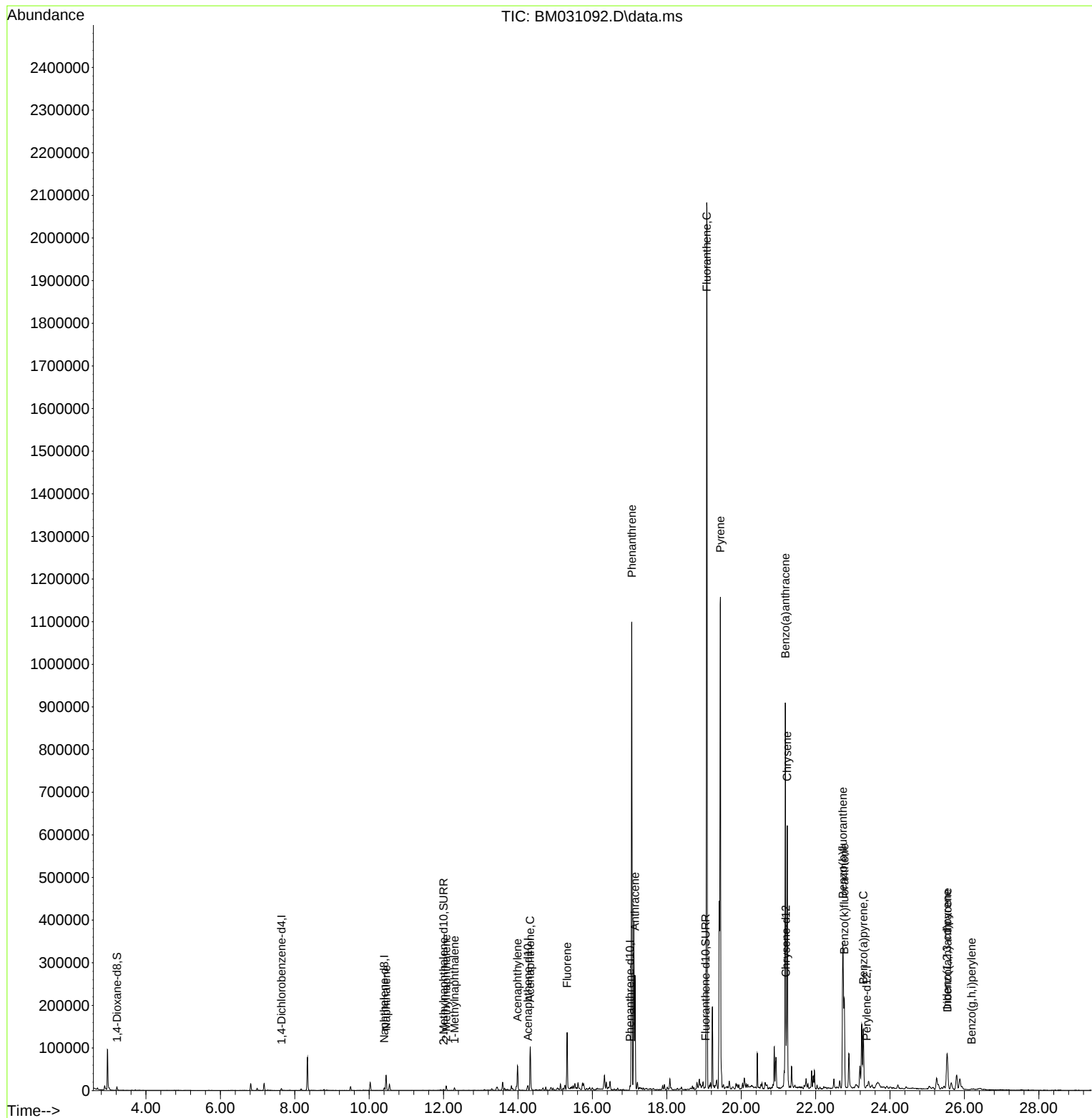
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Data File : BM031092.D
Acq On : 23 Jul 2021 16:14
Operator : CG/JU
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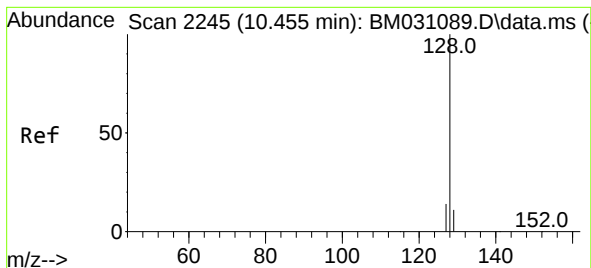
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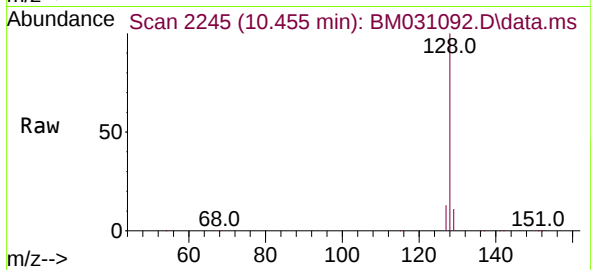
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Quant Time: Jul 23 16:53:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 15:24:34 2021
Response via : Initial Calibration

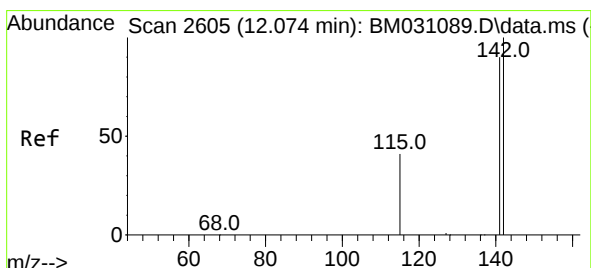
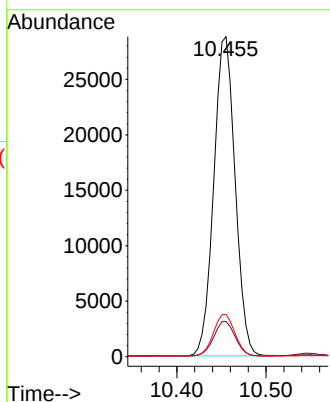
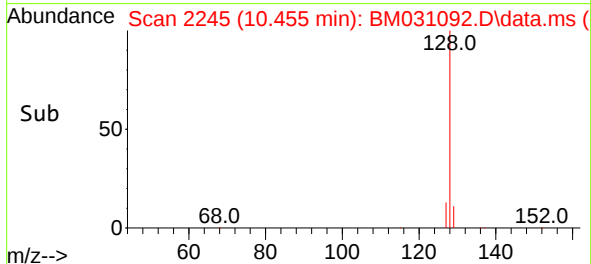




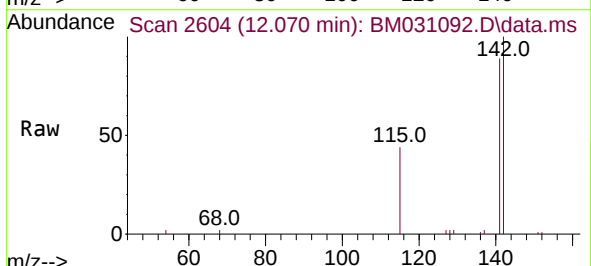
#5
Naphthalene
Concen: 2.03 ng/ul
RT: 10.455 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



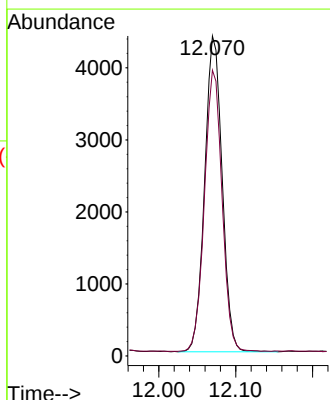
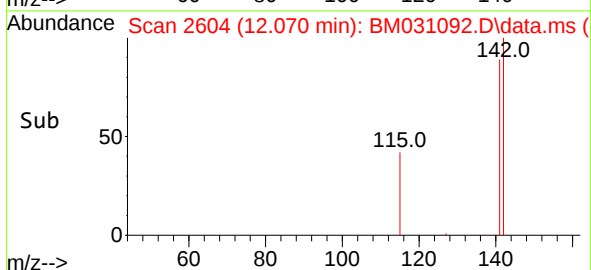
Tgt Ion:128 Resp: 47935
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.4
127 13.2 11.8 17.8



#7
2-Methylnaphthalene
Concen: 0.41 ng/ul
RT: 12.070 min Scan# 2604
Delta R.T. -0.004 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



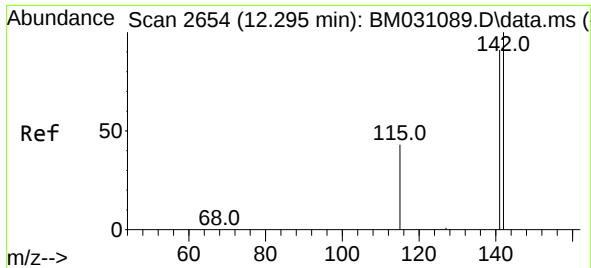
Tgt Ion:142 Resp: 6944
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3



Instrument :
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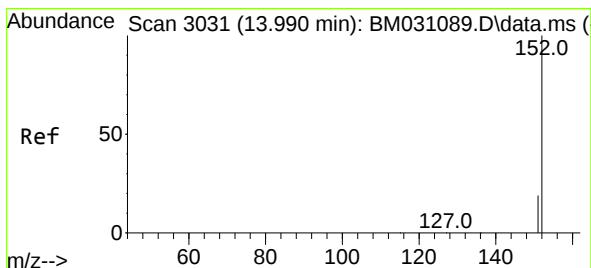
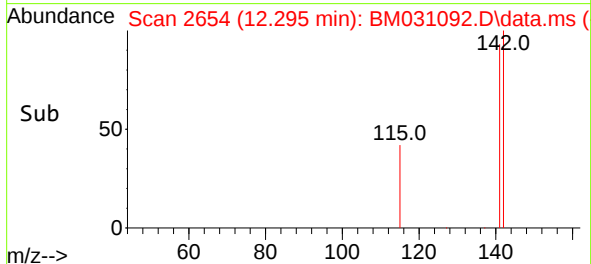
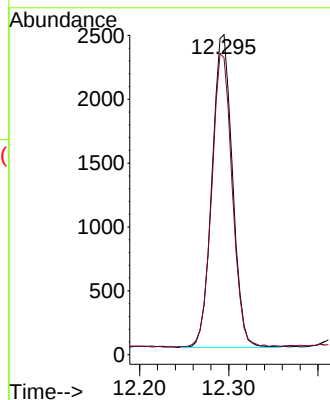
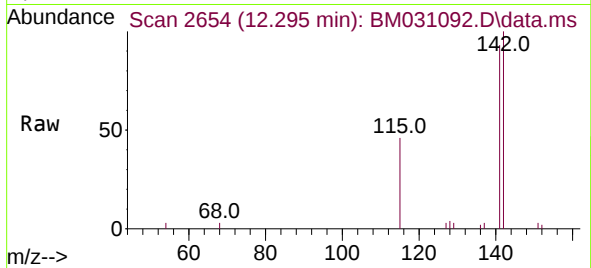
#8
1-Methylnaphthalene
Concen: 0.24 ng/ul
RT: 12.295 min Scan# 2654
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion:142 Resp: 3904
Ion Ratio Lower Upper
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141 94.5 74.2 111.4

Instrument :
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ClientSampled :
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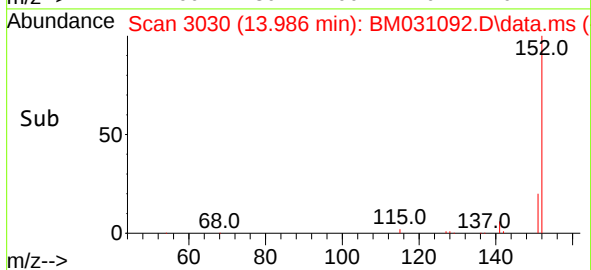
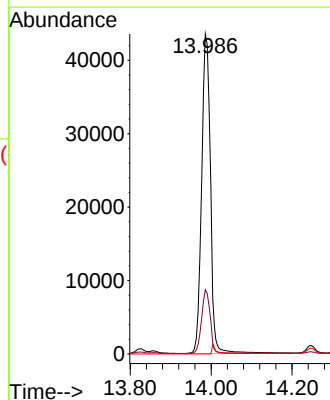
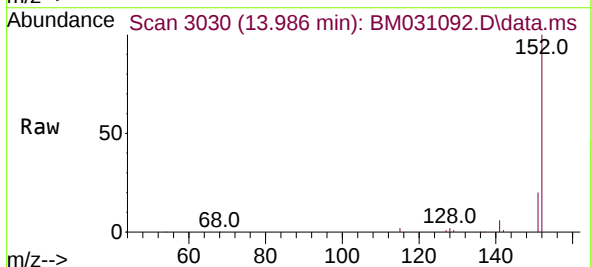
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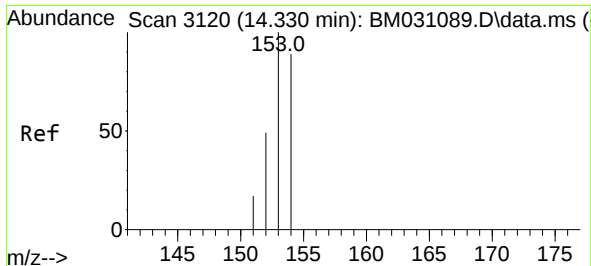
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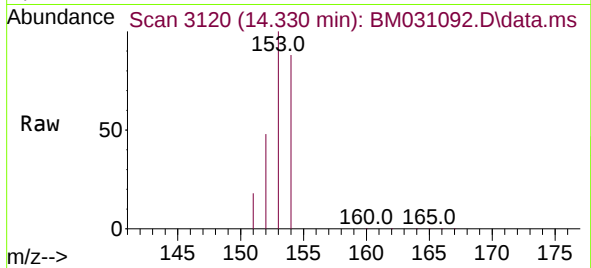
#10
Acenaphthylene
Concen: 2.61 ng/ul
RT: 13.986 min Scan# 3030
Delta R.T. -0.004 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion:152 Resp: 59354
Ion Ratio Lower Upper
152 100
151 20.0 17.5 26.3
153 0.0 0.0 0.0

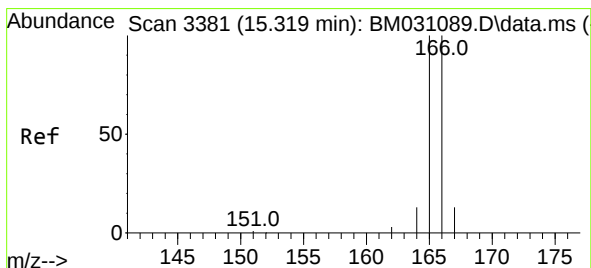
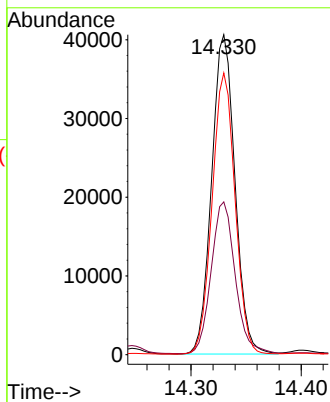
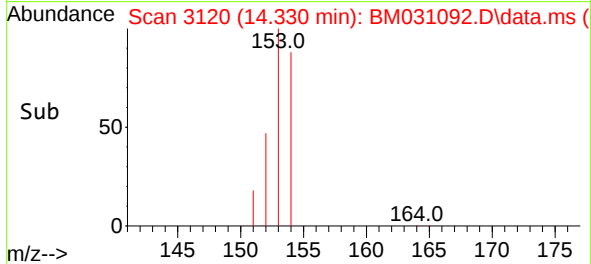




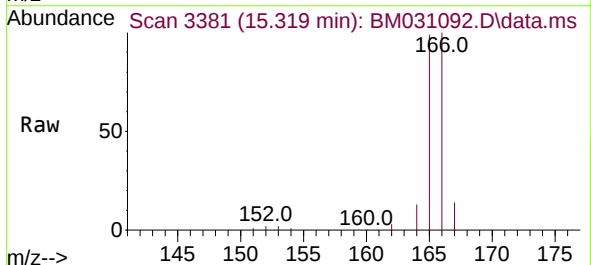
#11
Acenaphthene
Concen: 2.96 ng/ul
RT: 14.330 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



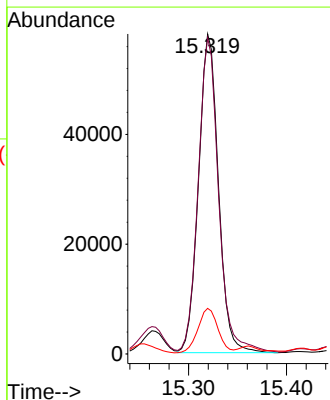
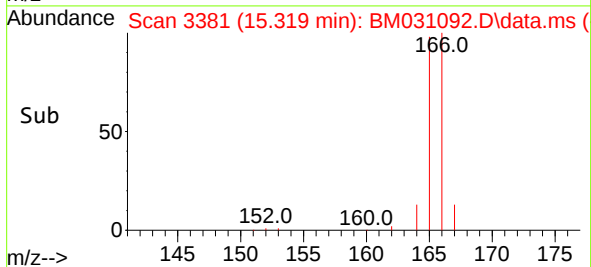
Tgt Ion:153 Resp: 59580
Ion Ratio Lower Upper
153 100
152 47.7 39.4 59.2
154 88.1 68.2 102.4



#12
Fluorene
Concen: 3.47 ng/ul
RT: 15.319 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



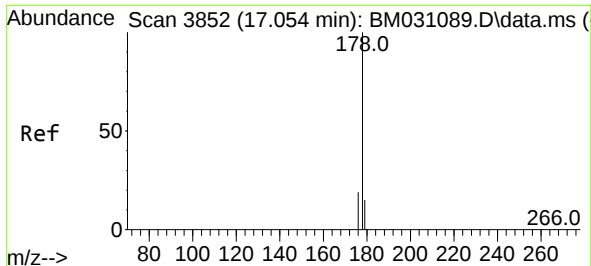
Tgt Ion:166 Resp: 82094
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 14.3 12.3 18.5



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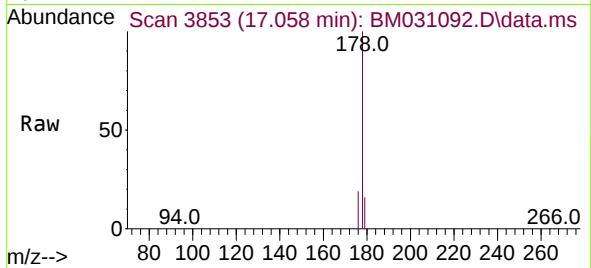
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#15
Phenanthrene
Concen: 29.84 ng/ul
RT: 17.058 min Scan# 3853
Delta R.T. 0.003 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

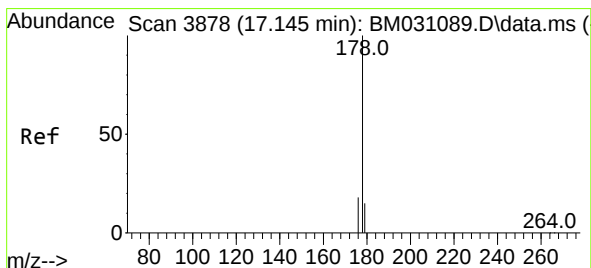
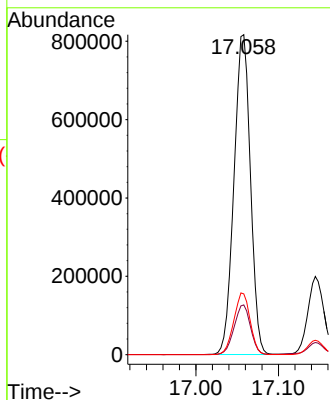
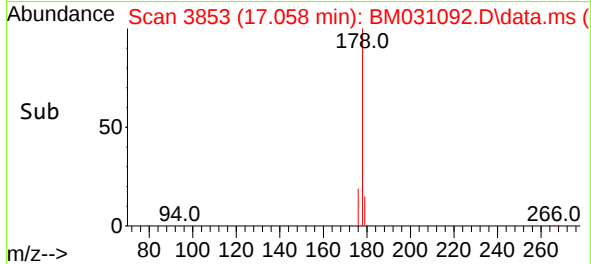
Instrument :
BNA_M
ClientSampled :
BGEC6



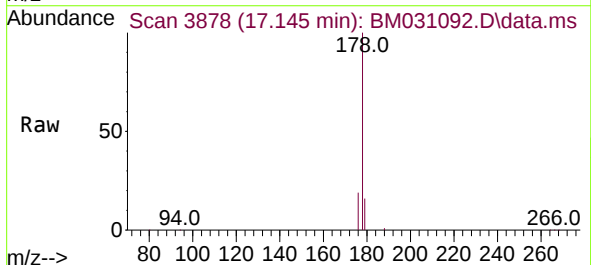
Tgt Ion:178 Resp: 1127443
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.0 15.4 23.2

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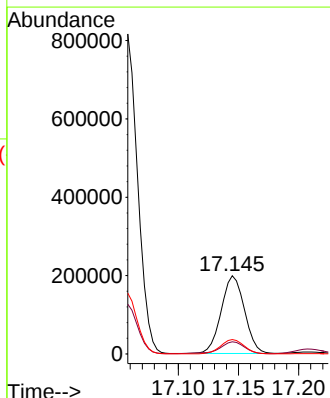
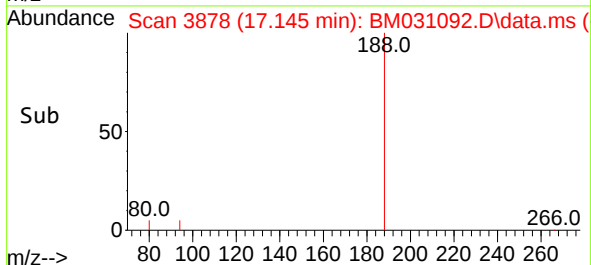
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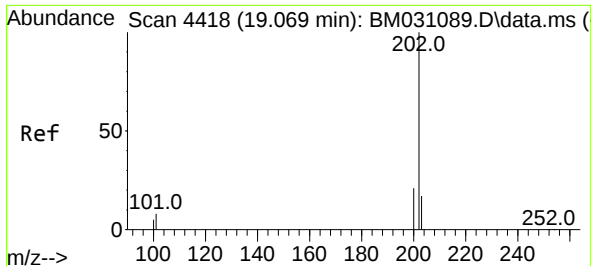


#16
Anthracene
Concen: 7.54 ng/ul
RT: 17.145 min Scan# 3878
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

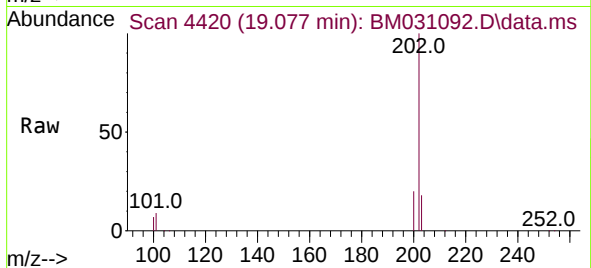


Tgt Ion:178 Resp: 266949
Ion Ratio Lower Upper
178 100
179 15.7 13.8 20.8
176 18.5 15.7 23.5

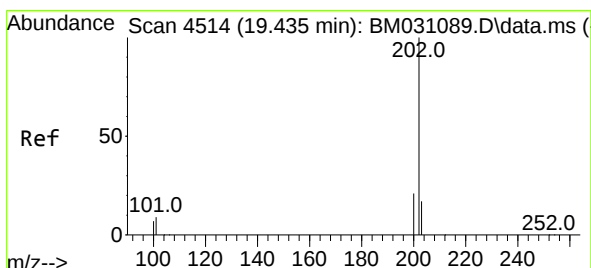
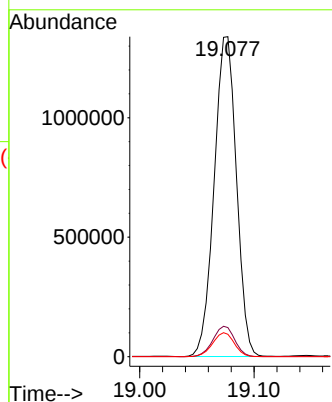
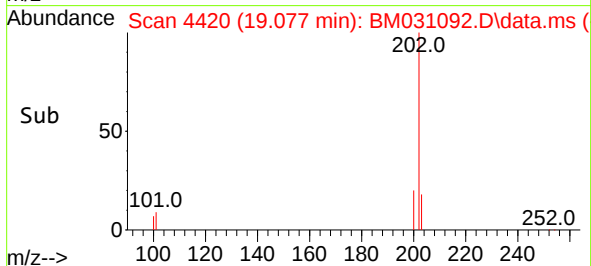




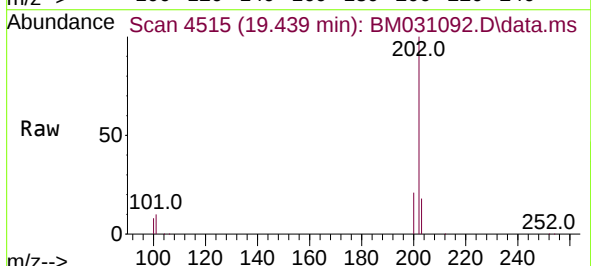
#19
Fluoranthene
Concen: 42.09 ng/ul
RT: 19.077 min Scan# 4420
Delta R.T. 0.008 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



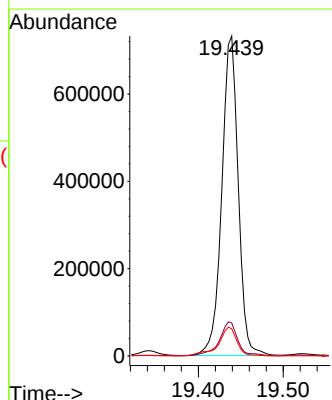
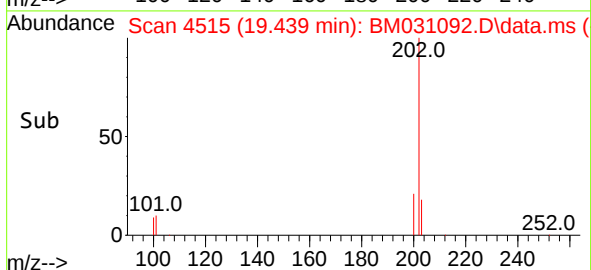
Tgt Ion:202 Resp: 1812565
Ion Ratio Lower Upper
202 100
101 9.1 6.0 9.0#
100 7.0 4.8 7.2



#20
Pyrene
Concen: 22.40 ng/ul
RT: 19.439 min Scan# 4515
Delta R.T. 0.004 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



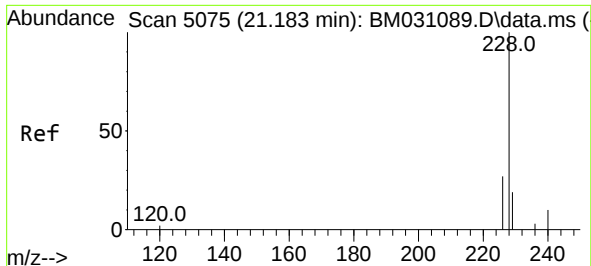
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Ion Ratio Lower Upper
202 100
101 10.3 7.4 11.0
100 8.5 6.0 9.0



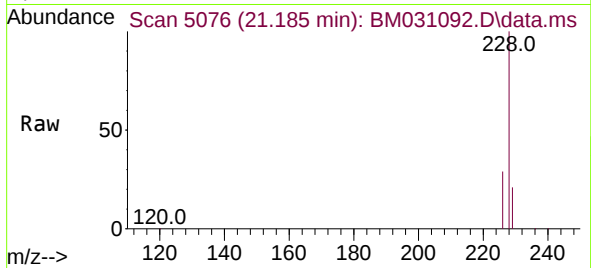
Instrument :
BNA_M
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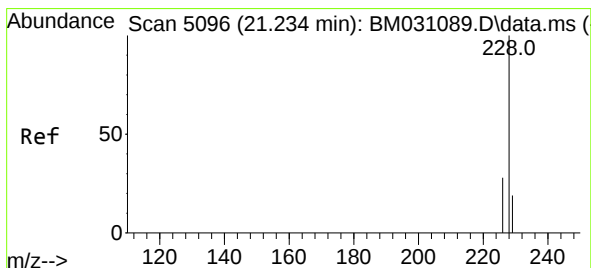
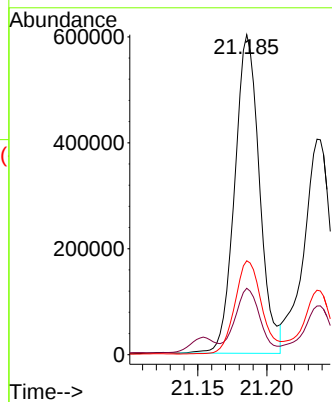
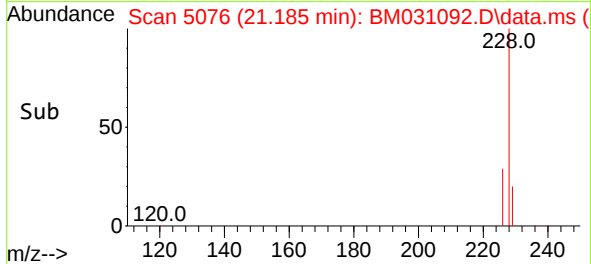
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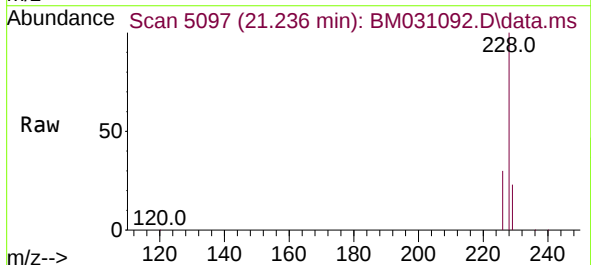
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Benzo(a)anthracene
Concen: 17.56 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. 0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



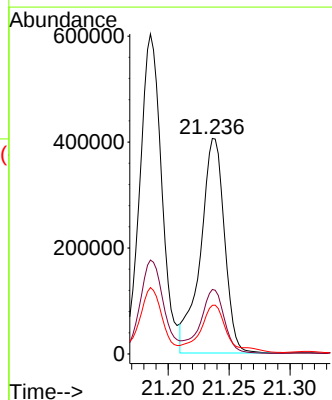
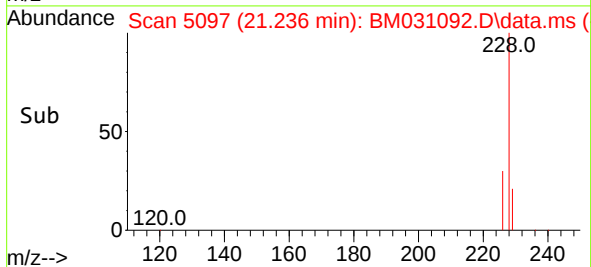
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Ion Ratio Lower Upper
228 100
229 20.8 16.0 24.0
226 29.4 21.4 32.2



#22
Chrysene
Concen: 11.97 ng/ul
RT: 21.236 min Scan# 5097
Delta R.T. 0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



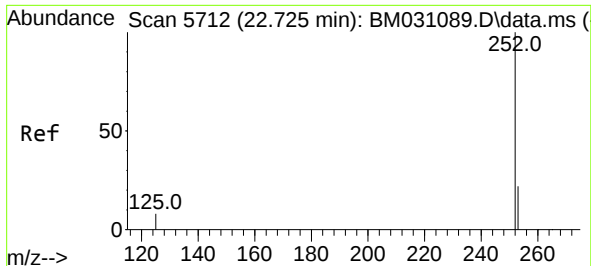
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Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 22.5 15.8 23.8



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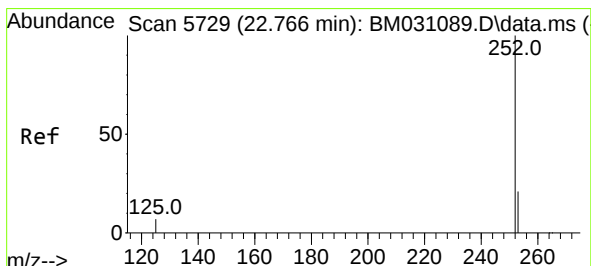
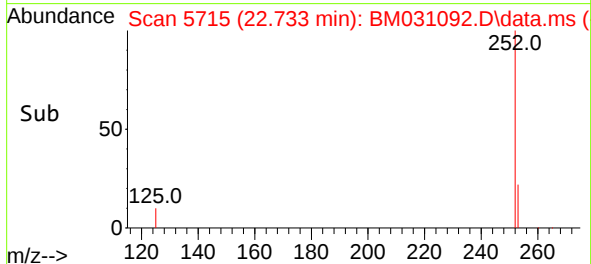
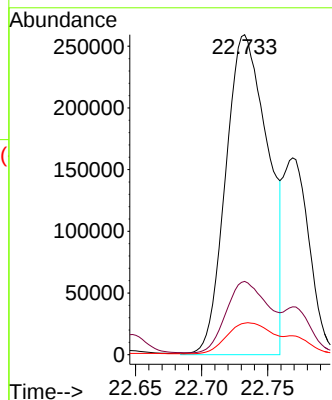
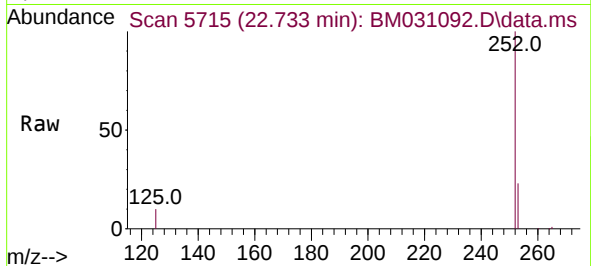
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Benzo(b)fluoranthene
Concen: 14.83 ng/ul m
RT: 22.733 min Scan# 5715
Delta R.T. 0.007 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion:252 Resp: 580051
Ion Ratio Lower Upper
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253 22.9 0.0 52.8
125 9.9 0.0 20.2

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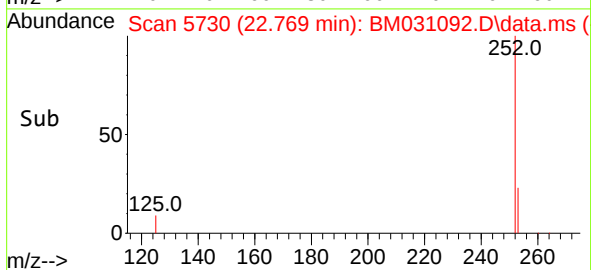
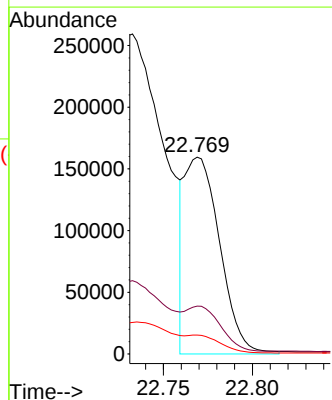
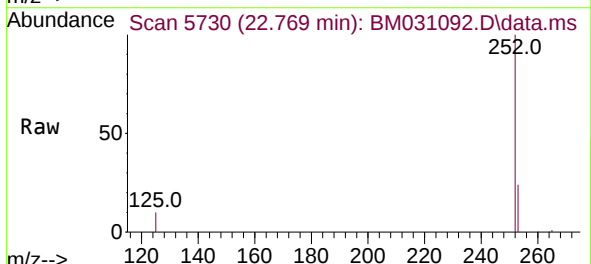
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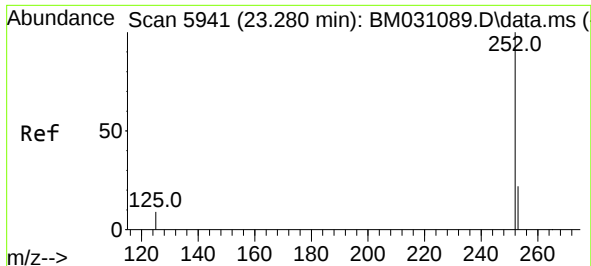
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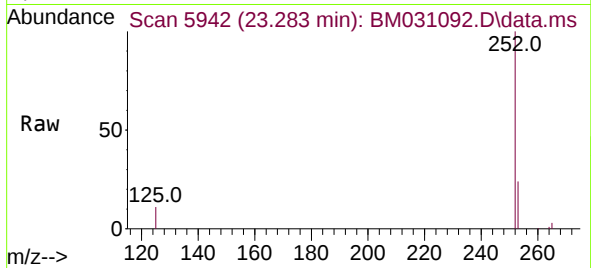
#25
Benzo(k)fluoranthene
Concen: 5.53 ng/ul m
RT: 22.769 min Scan# 5730
Delta R.T. 0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion:252 Resp: 219388
Ion Ratio Lower Upper
252 100
253 24.3 21.6 32.4
125 9.6 8.6 13.0

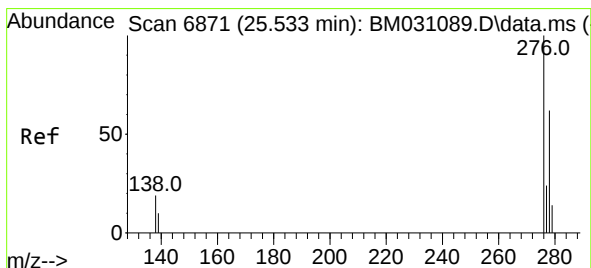
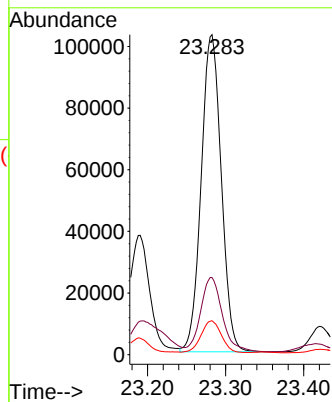
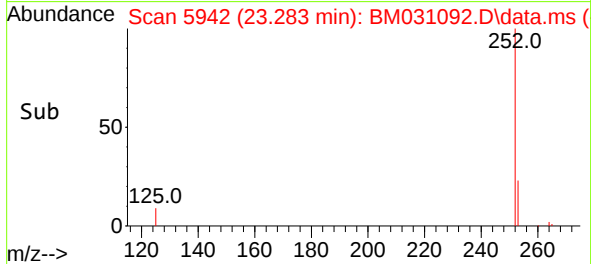




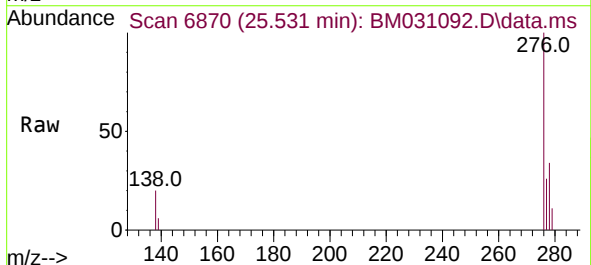
#26
Benzo(a)pyrene
Concen: 5.45 ng/ul
RT: 23.283 min Scan# 5942
Delta R.T. 0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



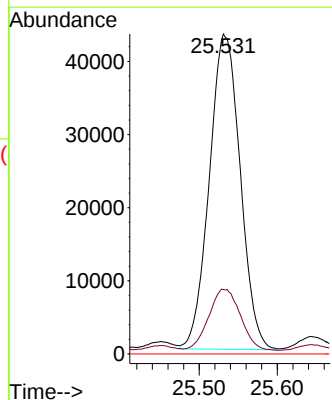
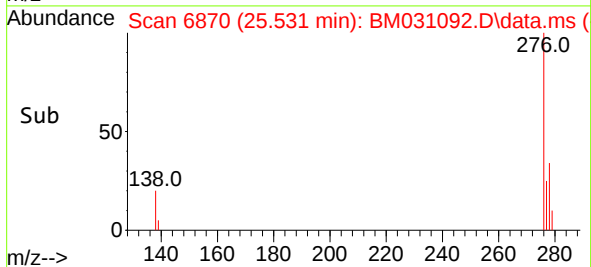
Tgt Ion:252 Resp: 184117
Ion Ratio Lower Upper
252 100
253 24.1 23.1 34.7
125 10.6 10.7 16.1#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.68 ng/ul
RT: 25.531 min Scan# 6870
Delta R.T. -0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14



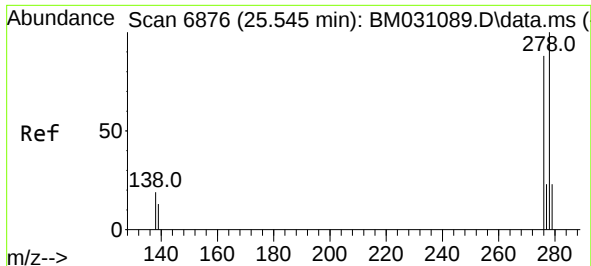
Tgt Ion:276 Resp: 118527
Ion Ratio Lower Upper
276 100
138 20.7 15.4 23.0
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGEC6

Manual Integrations
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7/26/2021 1:25:45 PM



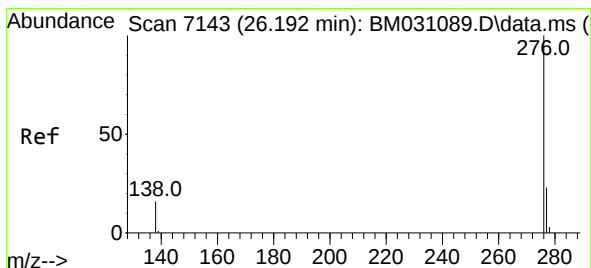
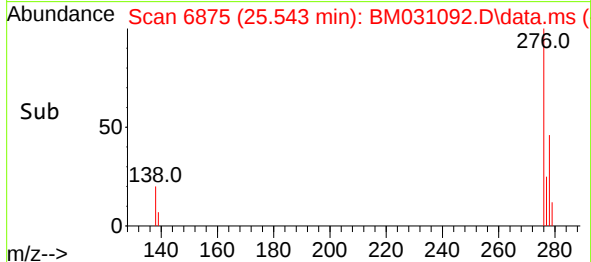
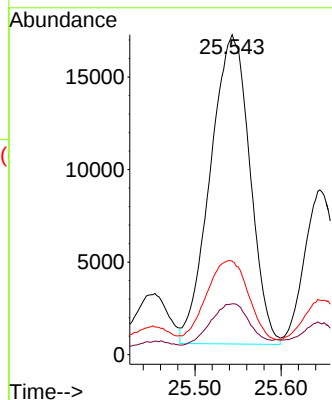
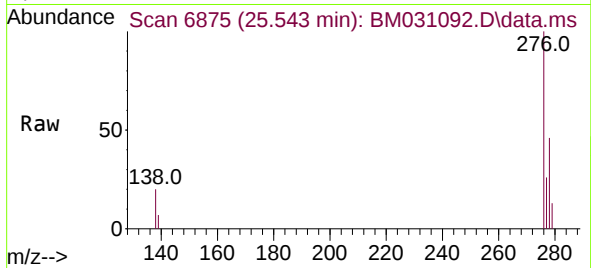
#28
Dibenzo(a,h)anthracene
Concen: 1.50 ng/ul
RT: 25.543 min Scan# 6875
Delta R.T. -0.002 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion: 278 Resp: 53293
Ion Ratio Lower Upper
278 100
139 15.9 12.6 18.8
279 29.2 22.6 34.0

Instrument :
BNA_M
ClientSampled :
BGEC6

Manual Integrations
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7/26/2021 1:25:45 PM



#29
Benzo(g,h,i)perylene
Concen: 0.14 ng/ul
RT: 26.192 min Scan# 7143
Delta R.T. 0.000 min
Lab File: BM031092.D
Acq: 23 Jul 2021 16:14

Tgt Ion: 276 Resp: 5447
Ion Ratio Lower Upper
276 100
138 32.4 14.0 21.0#
277 42.1 19.9 29.9#

