

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030600.D
 Acq On : 25 Jun 2021 14:08
 Operator : CG/JU
 Sample : M2662-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB2

Manual Integrations
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Quant Time: Jun 25 14:39:59 2021

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 25 12:45:36 2021

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3763	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	15080	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	10041	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	14950	0.400	ng/ul	0.00
17) Chrysene-d12	21.331	240	11595	0.400	ng/ul	# 0.00
23) Perylene-d12	23.586	264	13482	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	12960	3.219	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	5323	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	9540	0.268	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	37465	0.835	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	24696	0.816	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	32518	1.106	ng/ul	100
10) Acenaphthylene	14.144	152	324335	6.902	ng/ul	99
11) Acenaphthene	14.485	153	128760	3.364	ng/ul	98
12) Fluorene	15.471	166	547930	12.925	ng/ul	100
15) Phenanthrene	17.207	178	4591564	86.257	ng/ul	98
16) Anthracene	17.294	178	1683741	36.105	ng/ul	100
19) Fluoranthene	19.218	202	4998804	93.777	ng/ul	99
20) Pyrene	19.577	202	2126844	38.946	ng/ul	98
21) Benzo(a)anthracene	21.314	228	1997574	43.369	ng/ul	94
22) Chrysene	21.367	228	1509892m	29.529	ng/ul	
24) Benzo(b)fluoranthene	22.912	252	1662678m	28.351	ng/ul	
25) Benzo(k)fluoranthene	22.951	252	793124m	12.894	ng/ul	
26) Benzo(a)pyrene	23.486	252	388930	7.473	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.868	276	355003	5.364	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.873	278	223713	4.238	ng/ul	94
29) Benzo(g,h,i)perylene	26.568	276	4116	0.072	ng/ul#	59

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

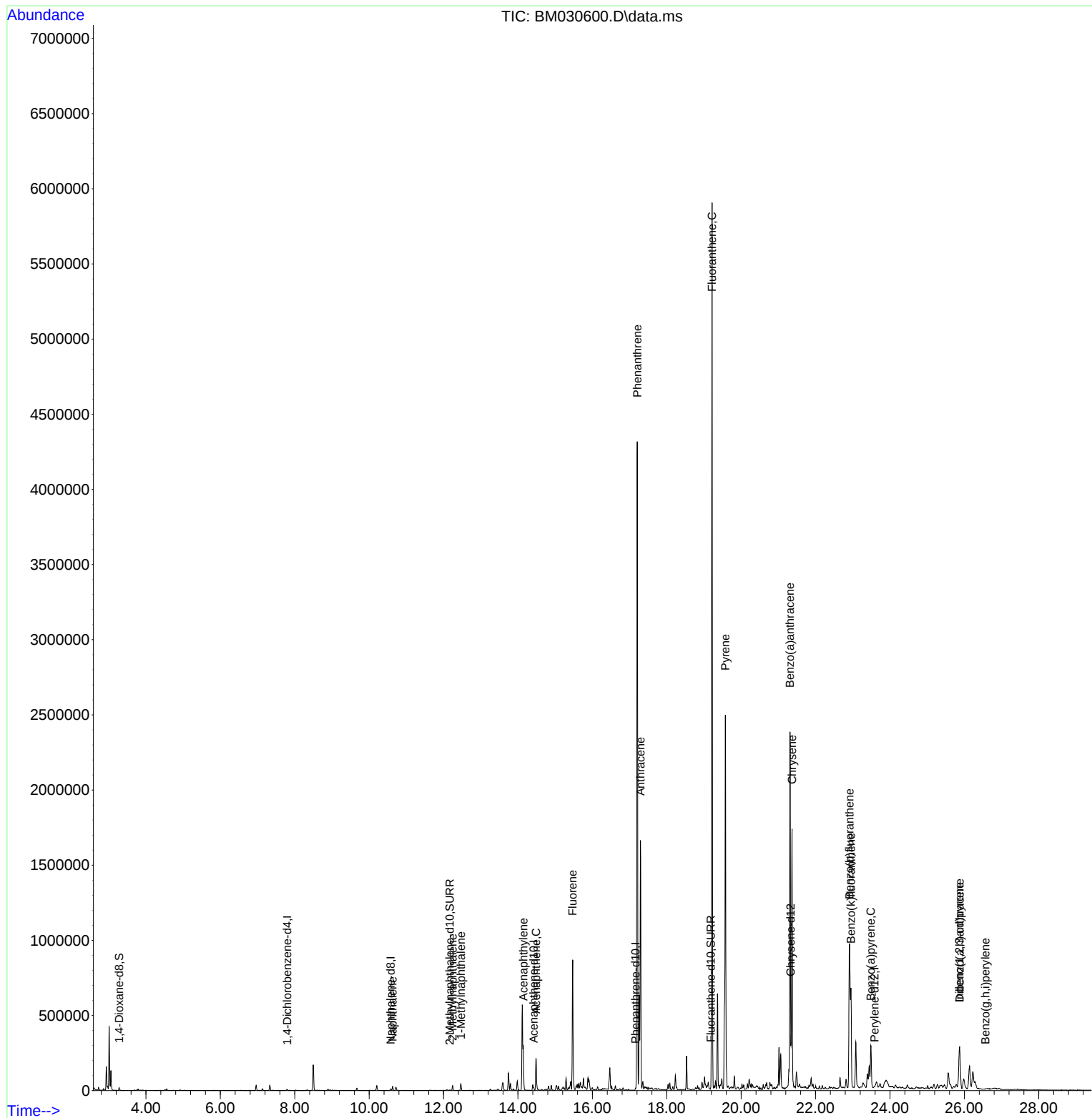
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030600.D
Acq On : 25 Jun 2021 14:08
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

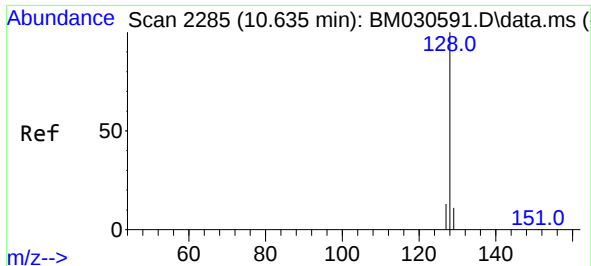
Instrument :
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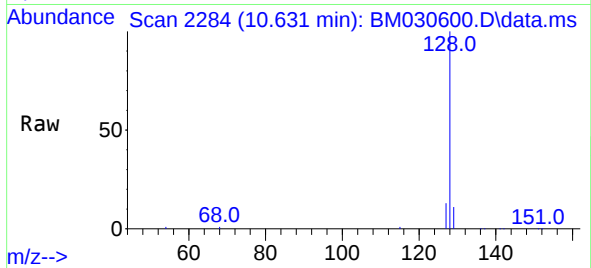
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Quant Time: Jun 25 14:39:59 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
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QLast Update : Fri Jun 25 12:45:36 2021
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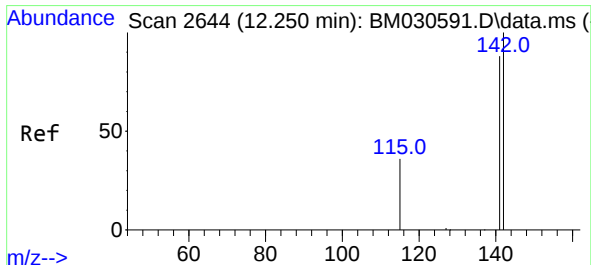
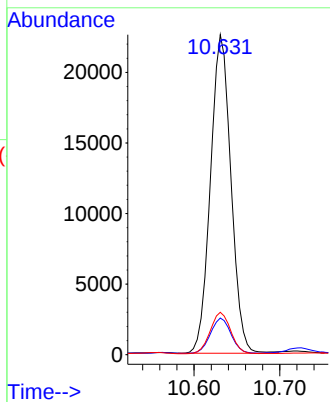
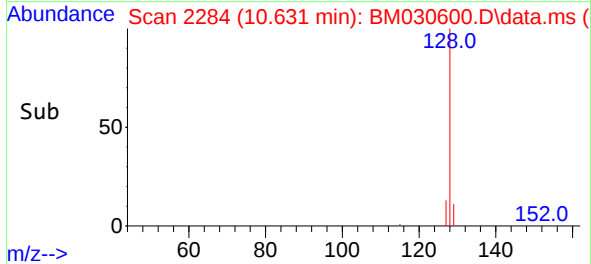




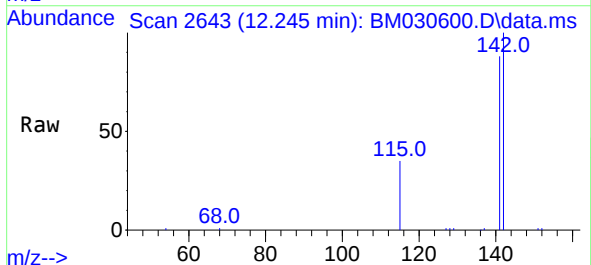
#5
Naphthalene
Concen: 0.835 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



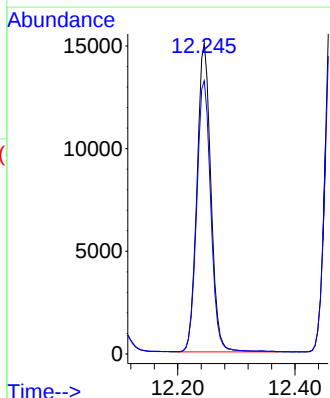
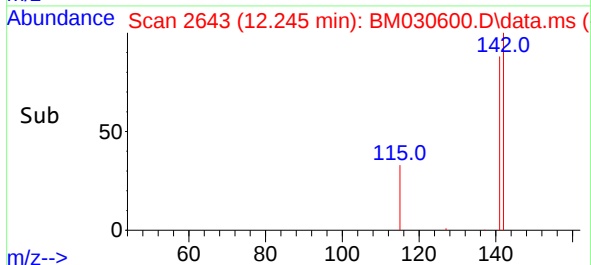
Tgt Ion:128 Resp: 37465
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 13.2 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.816 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



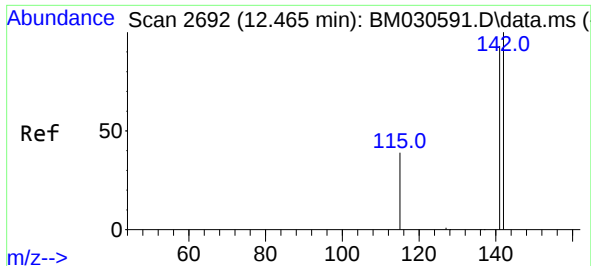
Tgt Ion:142 Resp: 24696
Ion Ratio Lower Upper
142 100
141 88.6 71.4 107.0



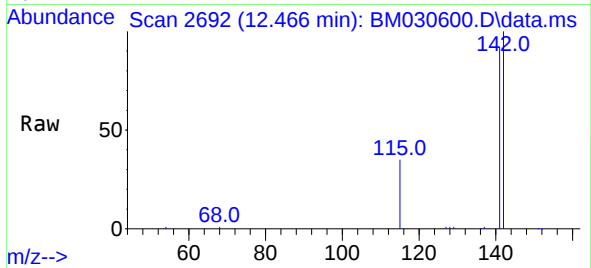
Instrument :
BNA_M
ClientSampled :
BGDB2

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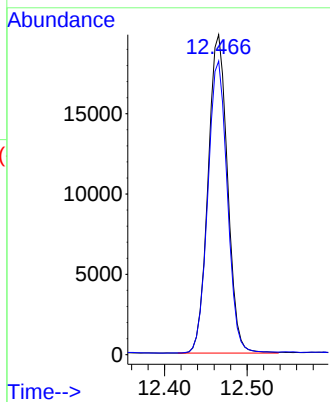
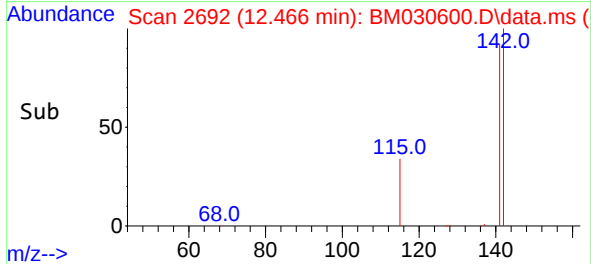
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#8
1-Methylnaphthalene
Concen: 1.106 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



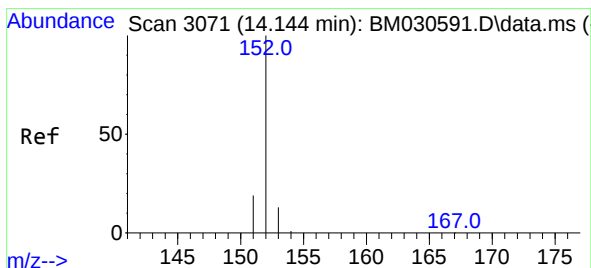
Tgt Ion:142 Resp: 32518
Ion Ratio Lower Upper
142 100
141 91.8 73.4 110.0



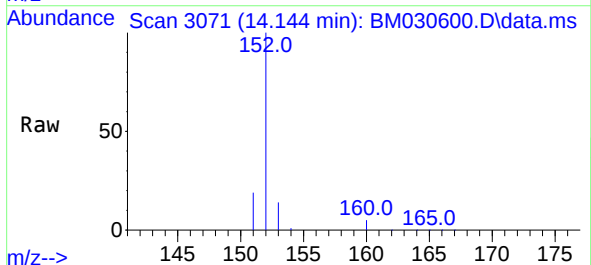
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BNA_M
ClientSampled :
BGDB2

Manual Integrations
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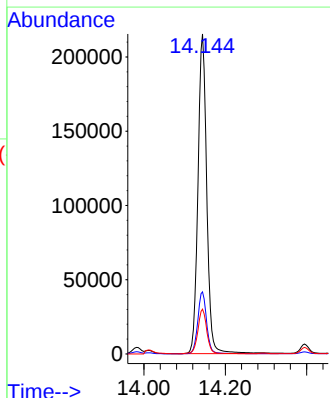
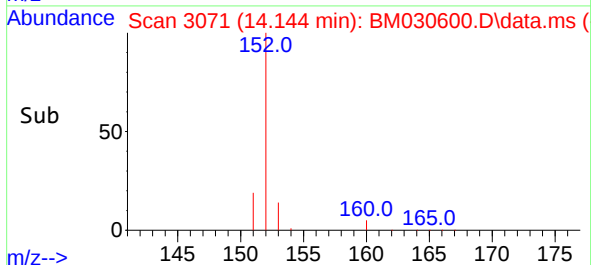
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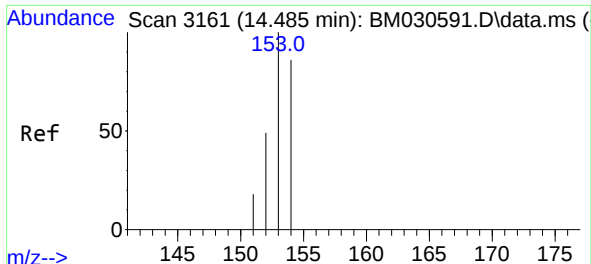


#10
Acenaphthylene
Concen: 6.902 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



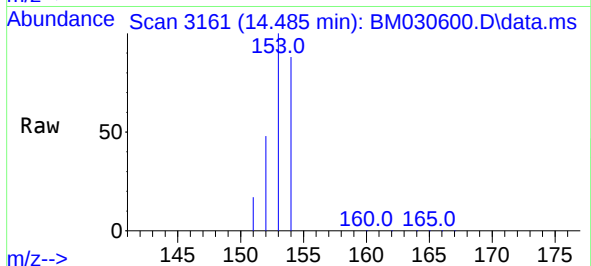
Tgt Ion:152 Resp: 324335
Ion Ratio Lower Upper
152 100
151 19.4 15.5 23.3
153 14.0 10.7 16.1





#11
Acenaphthene
Concen: 3.364 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

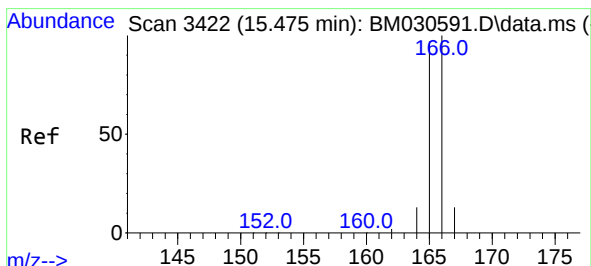
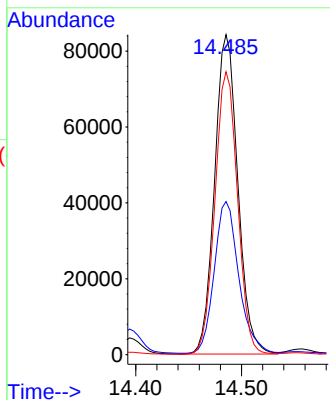
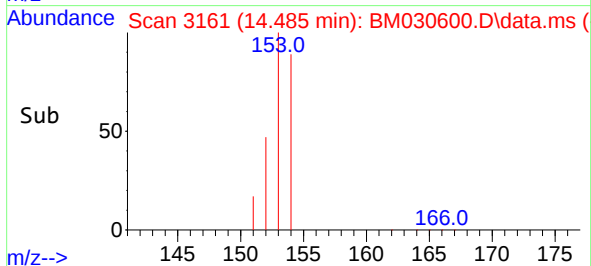
Instrument :
BNA_M
ClientSampled :
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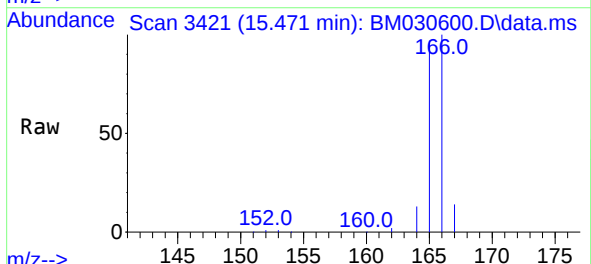
Tgt Ion:153 Resp: 128760
Ion Ratio Lower Upper
153 100
152 47.9 40.2 60.2
154 88.4 71.2 106.8

Manual Integrations
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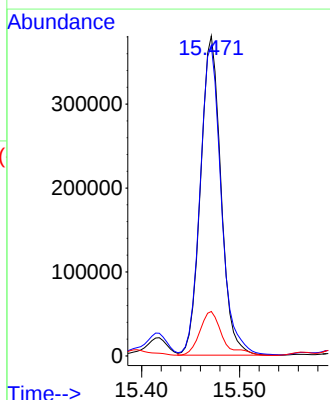
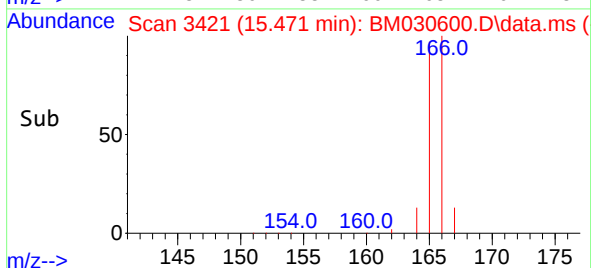
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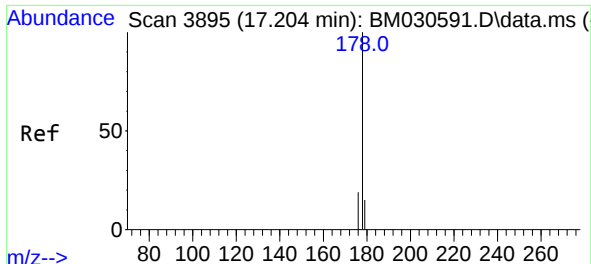


#12
Fluorene
Concen: 12.925 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

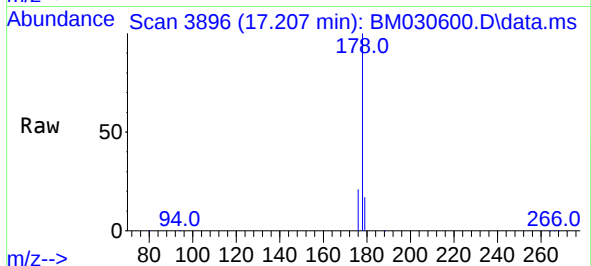


Tgt Ion:166 Resp: 547930
Ion Ratio Lower Upper
166 100
165 97.0 77.7 116.5
167 13.9 11.3 16.9

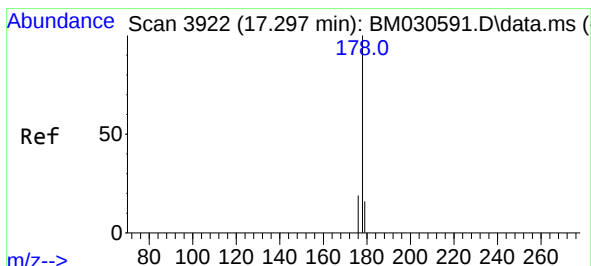
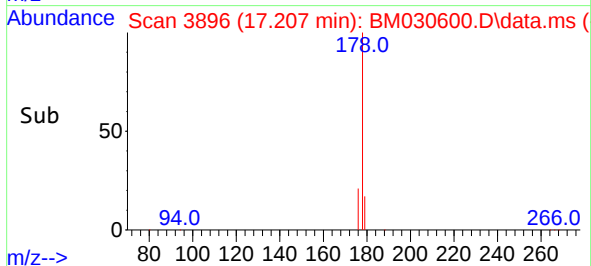
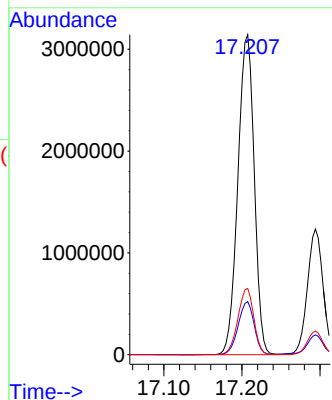




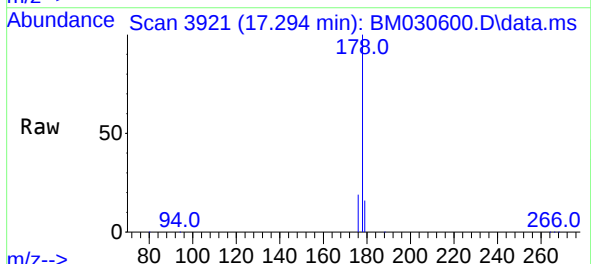
#15
Phenanthrene
Concen: 86.257 ng/u1
RT: 17.207 min Scan# 3896
Delta R.T. 0.004 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



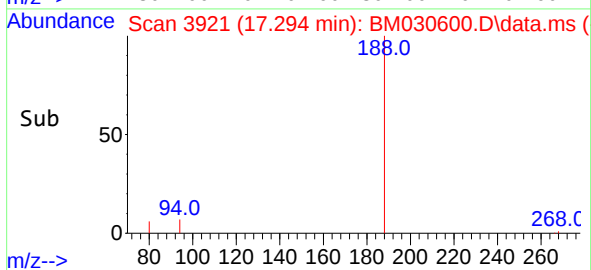
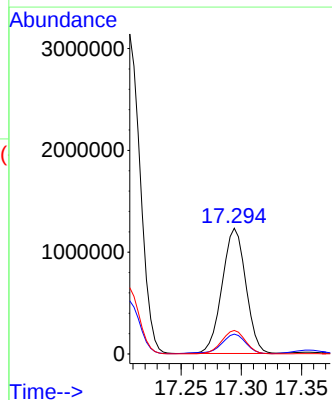
Tgt Ion:178 Resp: 4591564
Ion Ratio Lower Upper
178 100
179 16.6 12.6 19.0
176 20.7 15.5 23.3



#16
Anthracene
Concen: 36.105 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.003 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



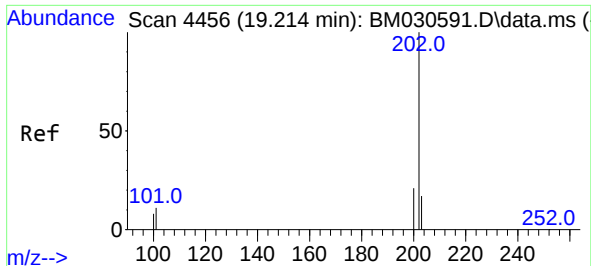
Tgt Ion:178 Resp: 1683741
Ion Ratio Lower Upper
178 100
179 15.8 12.7 19.1
176 18.8 15.2 22.8



Instrument :
BNA_M
ClientSampleId :
BGDB2

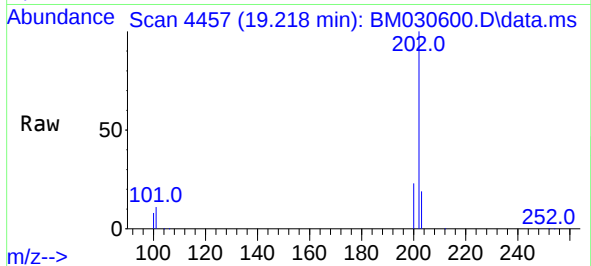
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#19
Fluoranthene
Concen: 93.777 ng/u1
RT: 19.218 min Scan# 4457
Delta R.T. 0.004 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

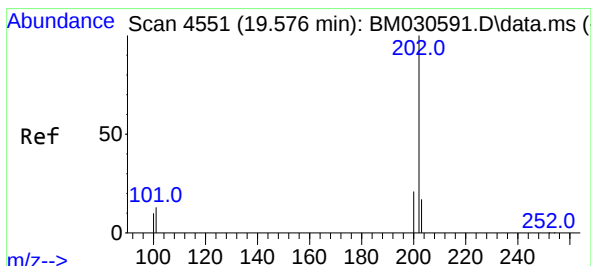
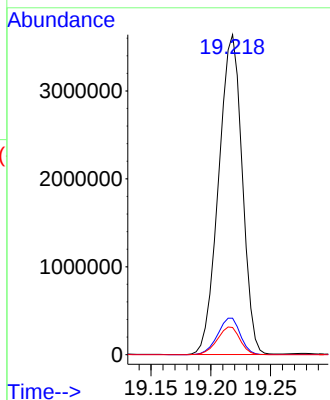
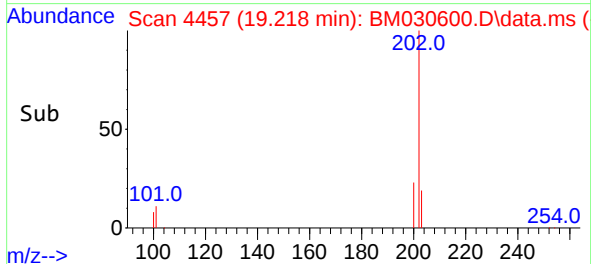
Instrument :
BNA_M
ClientSampled :
BGDB2



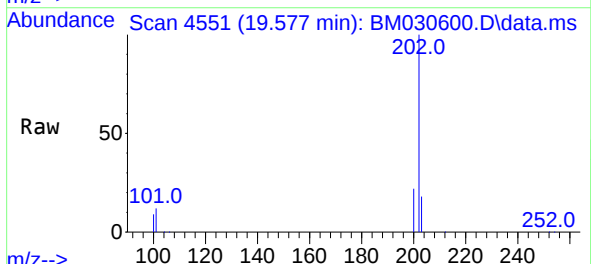
Tgt Ion:202 Resp: 4998804
Ion Ratio Lower Upper
202 100
101 11.4 8.8 13.2
100 8.5 6.9 10.3

Manual Integrations
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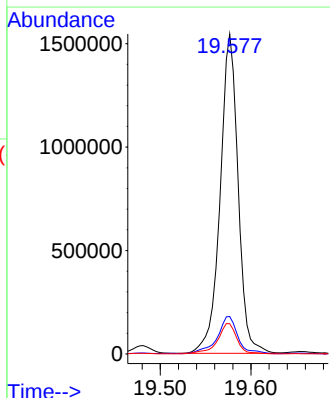
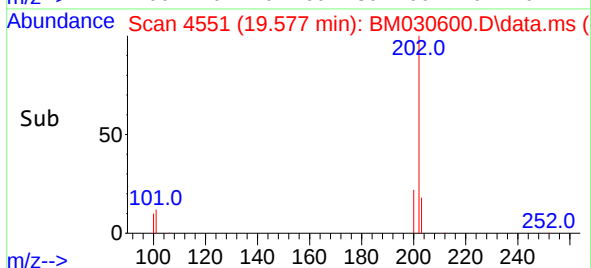
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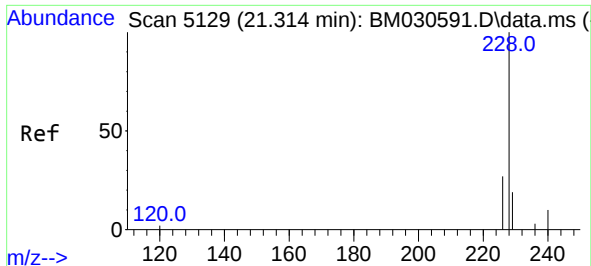


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Pyrene
Concen: 38.946 ng/u1
RT: 19.577 min Scan# 4551
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



Tgt Ion:202 Resp: 2126844
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 9.5 8.2 12.2





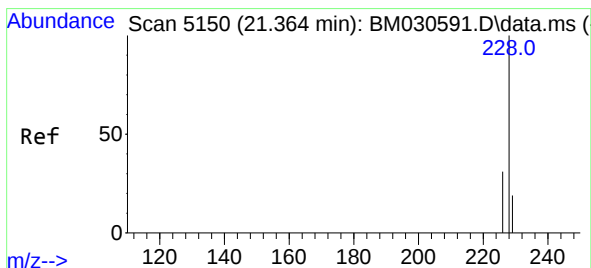
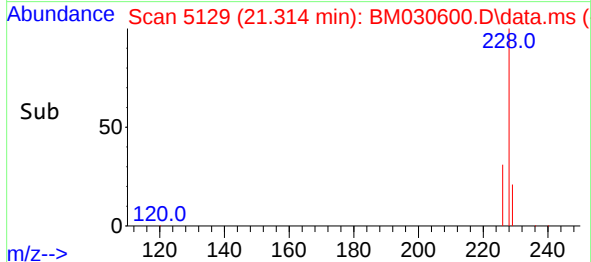
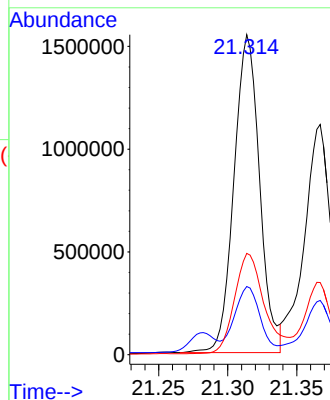
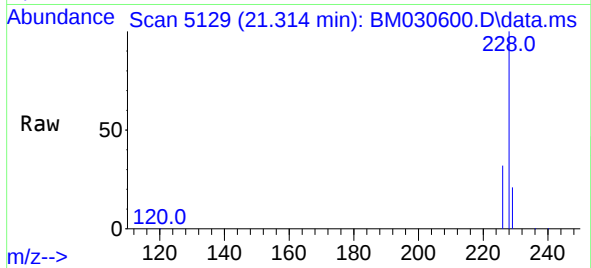
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Benzo(a)anthracene
Concen: 43.369 ng/ul
RT: 21.314 min Scan# 5129
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

Tgt Ion:228 Resp: 1997574
Ion Ratio Lower Upper
228 100
229 21.3 15.8 23.6
226 31.7 22.2 33.4

Instrument :
BNA_M
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BGDB2

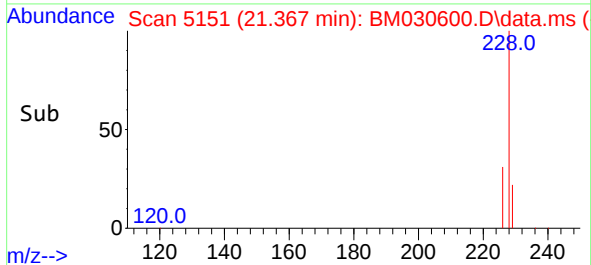
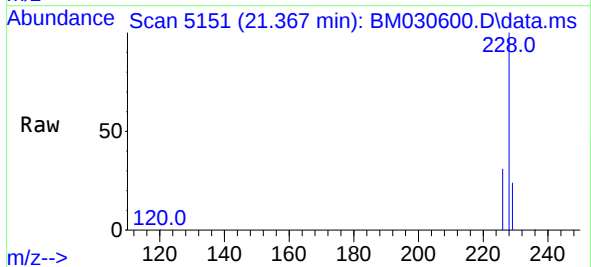
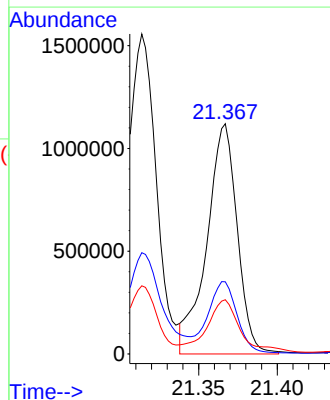
Manual Integrations
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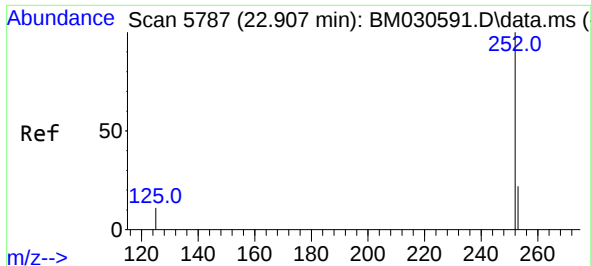
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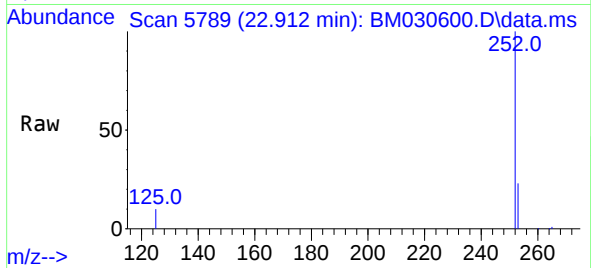
#22
Chrysene
Concen: 29.529 ng/ul m
RT: 21.367 min Scan# 5151
Delta R.T. 0.003 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

Tgt Ion:228 Resp: 1509892
Ion Ratio Lower Upper
228 100
226 31.4 24.4 36.6
229 23.6 15.4 23.0#

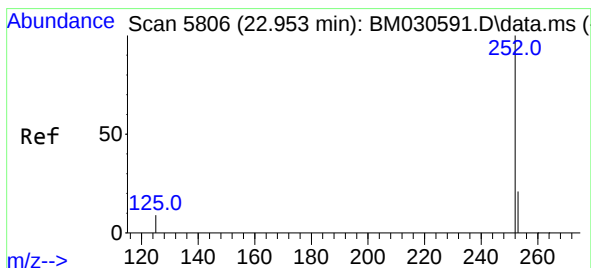
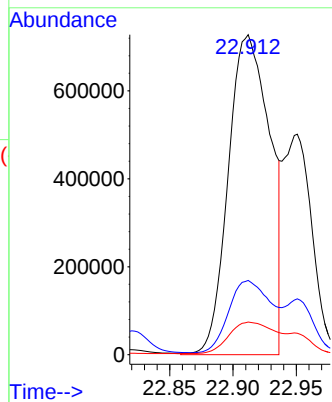
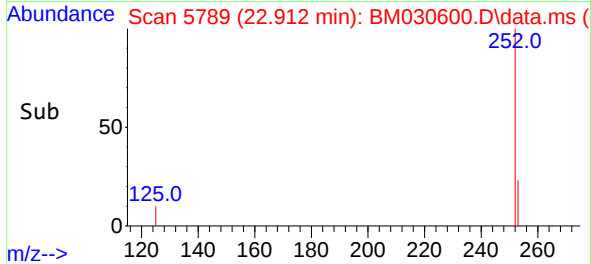




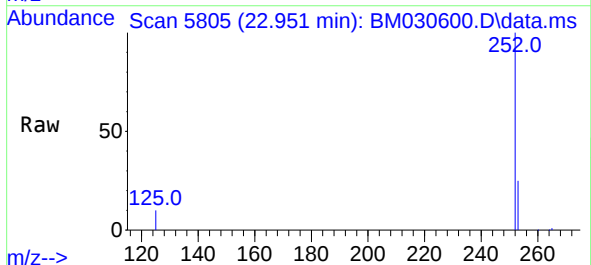
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Benzo(b)fluoranthene
Concen: 28.351 ng/ul m
RT: 22.912 min Scan# 5789
Delta R.T. 0.005 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



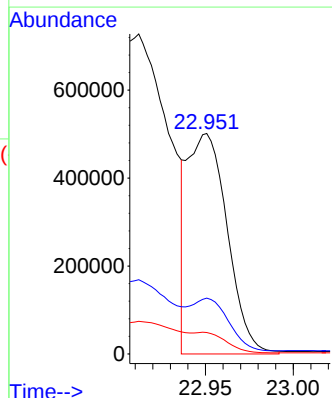
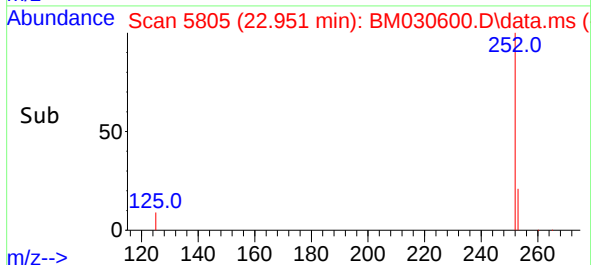
Tgt Ion:252 Resp: 1662678
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 10.2 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 12.894 ng/ul m
RT: 22.951 min Scan# 5805
Delta R.T. -0.002 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



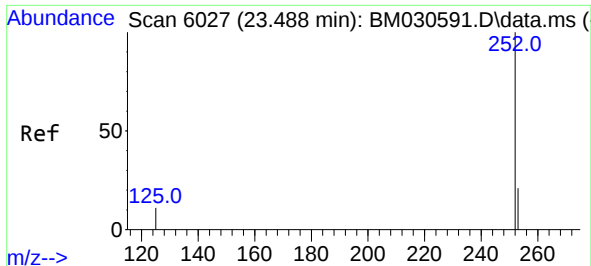
Tgt Ion:252 Resp: 793124
Ion Ratio Lower Upper
252 100
253 25.3 20.6 31.0
125 9.7 11.0 16.4#



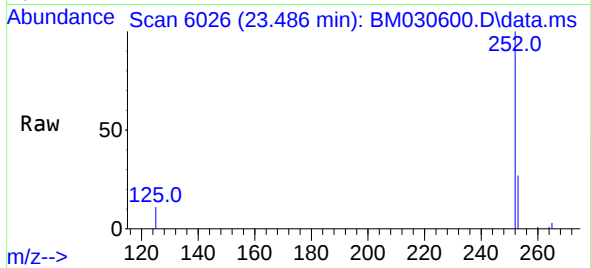
Instrument :
BNA_M
ClientSampled :
BGDB2

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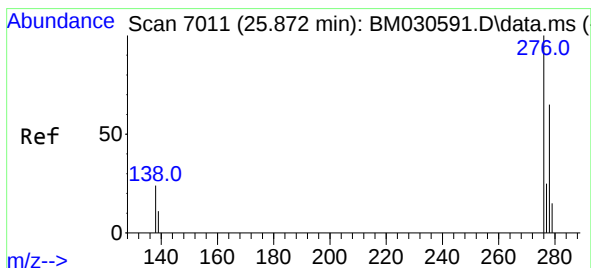
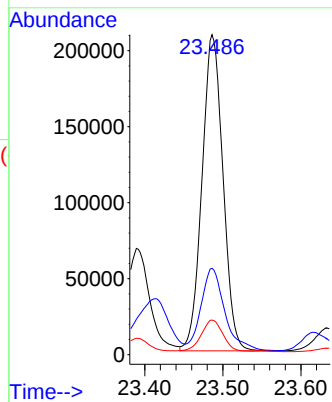
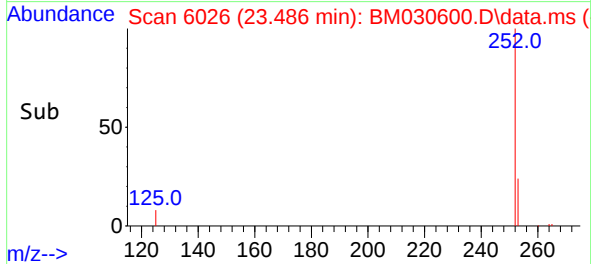
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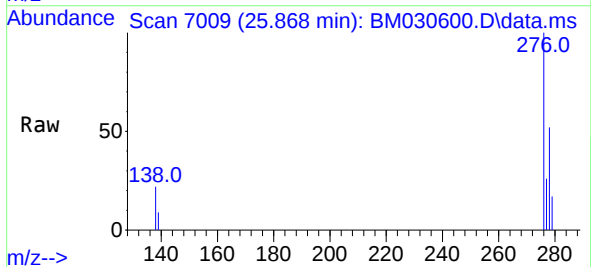
#26
Benzo(a)pyrene
Concen: 7.473 ng/ul
RT: 23.486 min Scan# 6026
Delta R.T. -0.002 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



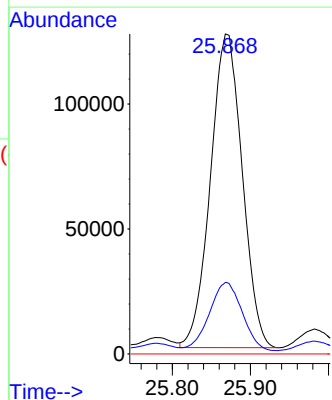
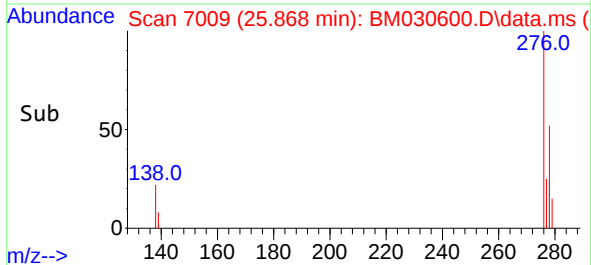
Tgt Ion:252 Resp: 388930
Ion Ratio Lower Upper
252 100
253 27.0 22.0 33.0
125 10.8 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.364 ng/ul
RT: 25.868 min Scan# 7009
Delta R.T. -0.005 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08



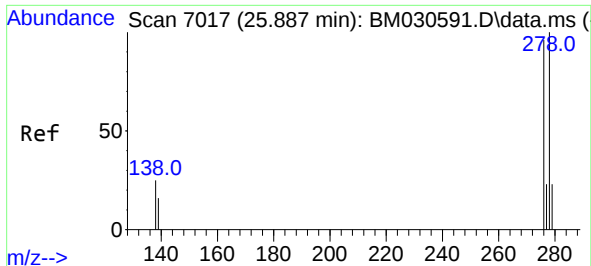
Tgt Ion:276 Resp: 355003
Ion Ratio Lower Upper
276 100
138 22.5 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGDB2

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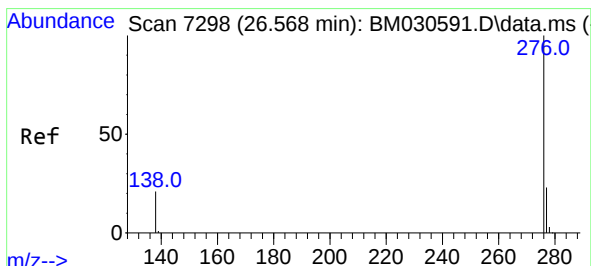
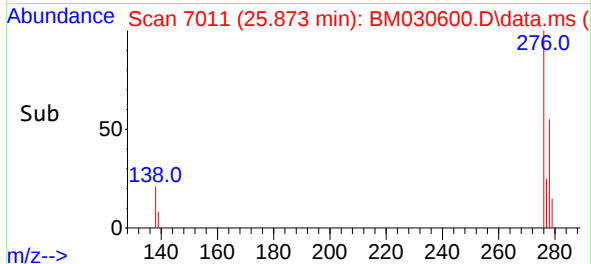
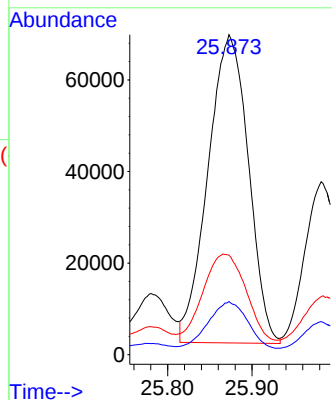
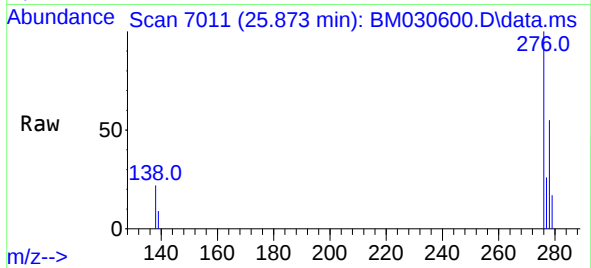
#28
Dibenzo(a,h)anthracene
Concen: 4.238 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. -0.014 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

Tgt Ion:278 Resp: 223713
Ion Ratio Lower Upper
278 100
139 16.6 14.2 21.4
279 31.1 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDB2

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.072 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. 0.000 min
Lab File: BM030600.D
Acq: 25 Jun 2021 14:08

Tgt Ion:276 Resp: 4116
Ion Ratio Lower Upper
276 100
138 37.1 18.0 27.0#
277 49.4 19.5 29.3#

