

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030586.D
 Acq On : 24 Jun 2021 21:42
 Operator : CG/JU
 Sample : M2662-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE6

Manual Integrations
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Quant Time: Jun 25 02:27:12 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 : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3520	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	14636	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	9287	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	18698	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	16902	0.400	ng/ul	0.00
23) Perylene-d12	23.581	264	15586	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	12005	3.188	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	4770	0.204	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	12214	0.236	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	9920	0.228	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	1244	0.042	ng/ul	95
8) 1-Methylnaphthalene	12.470	142	623	0.022	ng/ul	97
10) Acenaphthylene	14.144	152	5543	0.128	ng/ul	96
11) Acenaphthene	14.489	153	2320	0.066	ng/ul	99
12) Fluorene	15.471	166	2808	0.072	ng/ul#	96
15) Phenanthrene	17.204	178	42610	0.640	ng/ul	99
16) Anthracene	17.294	178	29194	0.501	ng/ul	99
19) Fluoranthene	19.214	202	268945	3.461	ng/ul	98
20) Pyrene	19.573	202	159299	2.001	ng/ul	100
21) Benzo(a)anthracene	21.311	228	170348	2.537	ng/ul	98
22) Chrysene	21.362	228	137762	1.848	ng/ul	98
24) Benzo(b)fluoranthene	22.905	252	163761m	2.415	ng/ul	
25) Benzo(k)fluoranthene	22.944	252	55267m	0.777	ng/ul	
26) Benzo(a)pyrene	23.481	252	49693	0.826	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.863	276	31699	0.414	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.870	278	14179	0.232	ng/ul#	85
29) Benzo(g,h,i)perylene	26.566	276	1375	0.021	ng/ul#	40

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

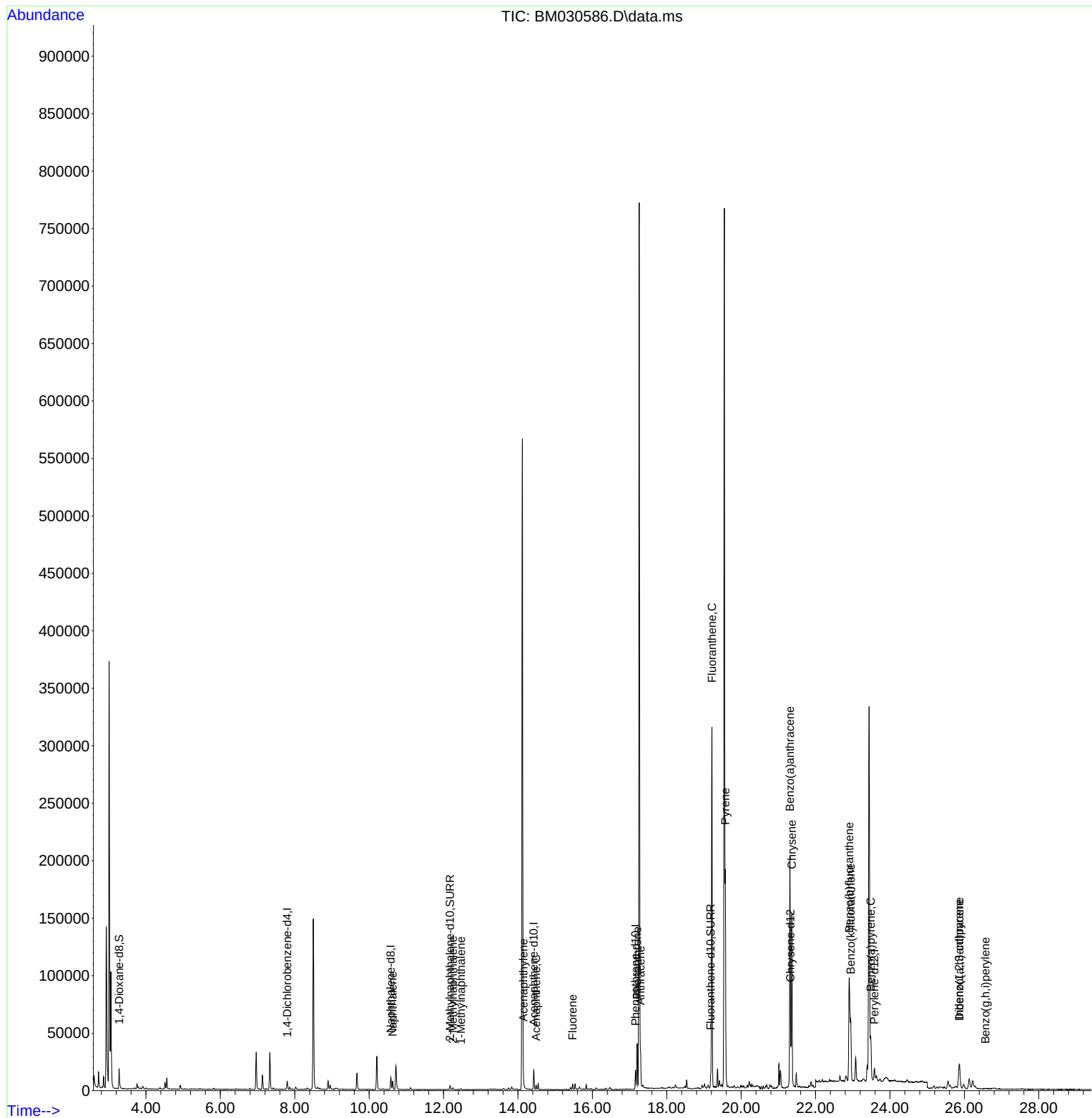
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030586.D
Acq On : 24 Jun 2021 21:42
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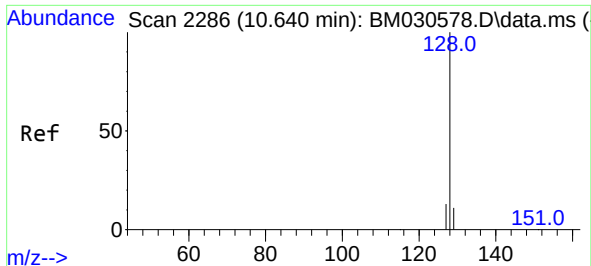
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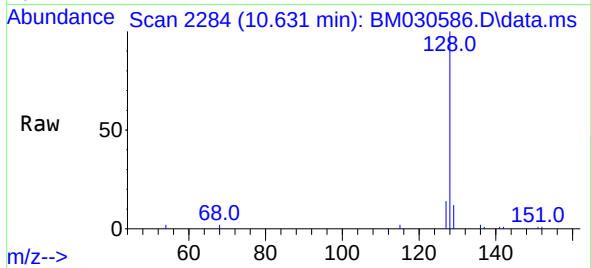
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Quant Time: Jun 25 02:27:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
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QLast Update : Thu Jun 24 12:48:41 2021
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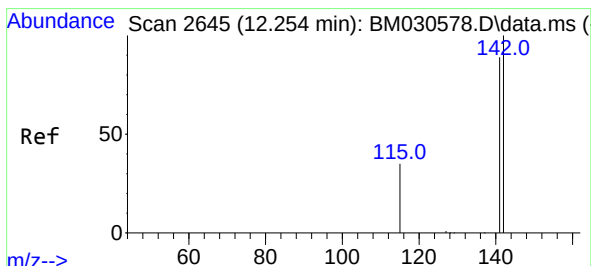
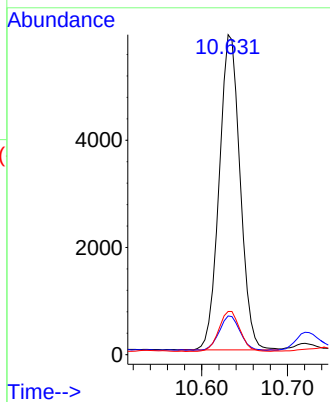
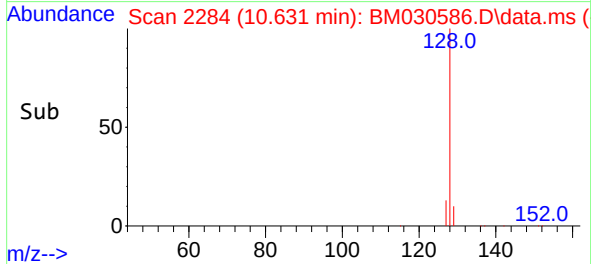




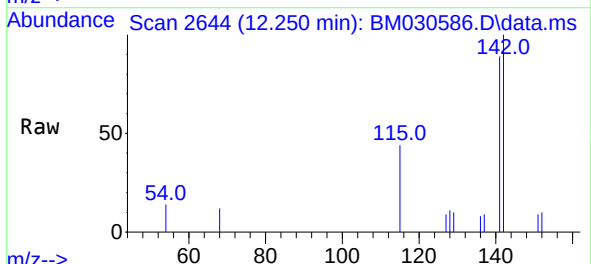
#5
Naphthalene
Concen: 0.228 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.009 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



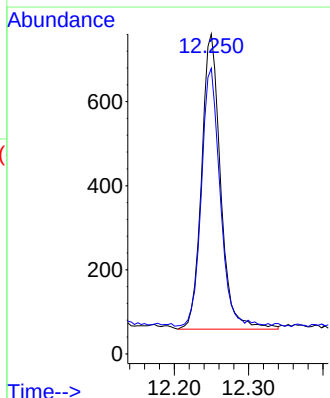
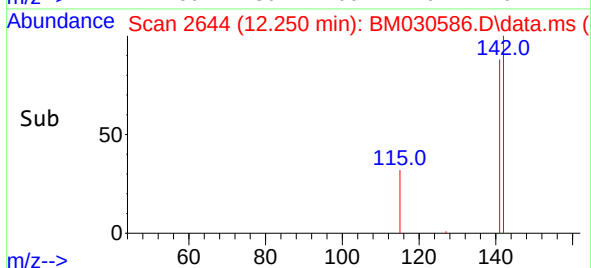
Tgt Ion:128 Resp: 9920
Ion Ratio Lower Upper
128 100
129 12.1 9.0 13.6
127 13.5 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.004 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



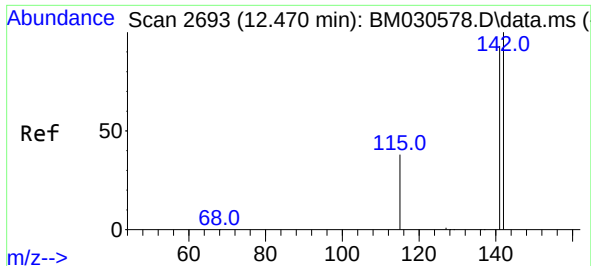
Tgt Ion:142 Resp: 1244
Ion Ratio Lower Upper
142 100
141 84.9 71.4 107.0



Instrument :
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ClientSampled :
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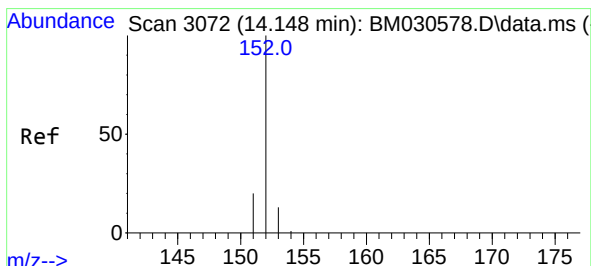
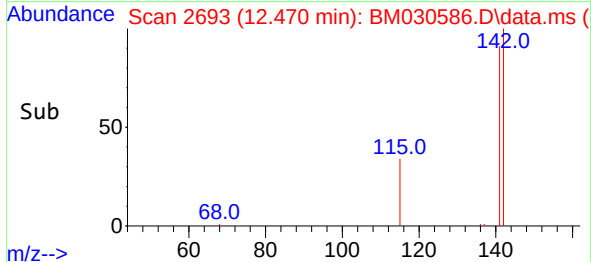
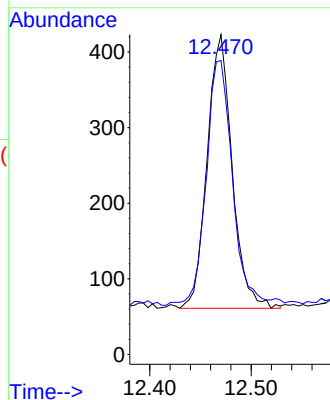
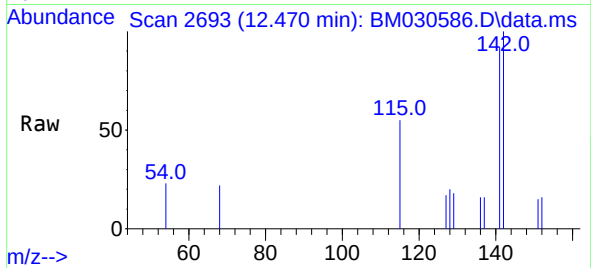
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1-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.470 min Scan# 2693
Delta R.T. 0.000 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:142 Resp: 623
Ion Ratio Lower Upper
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141 94.2 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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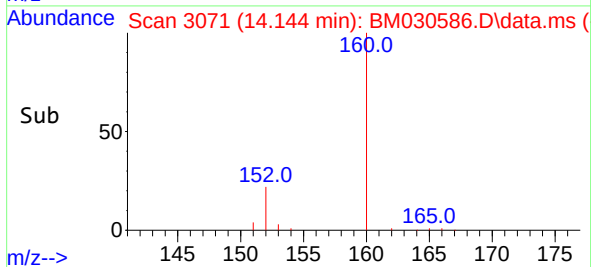
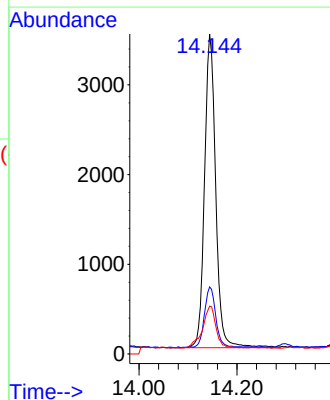
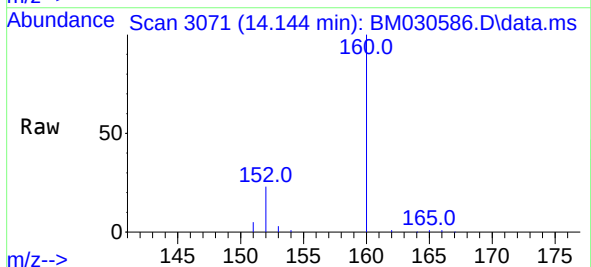
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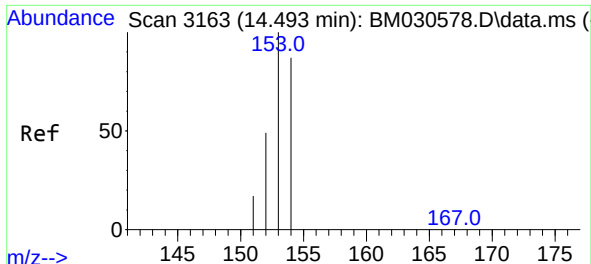
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#10
Acenaphthylene
Concen: 0.128 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.007 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:152 Resp: 5543
Ion Ratio Lower Upper
152 100
151 20.9 15.5 23.3
153 14.9 10.7 16.1





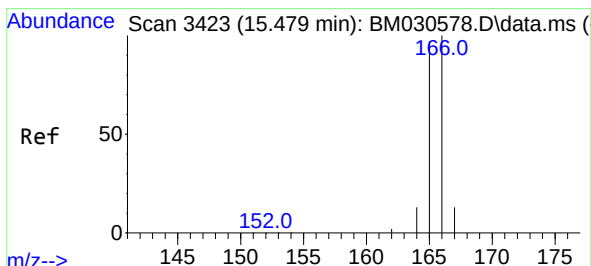
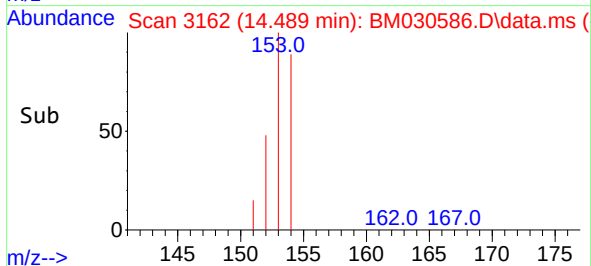
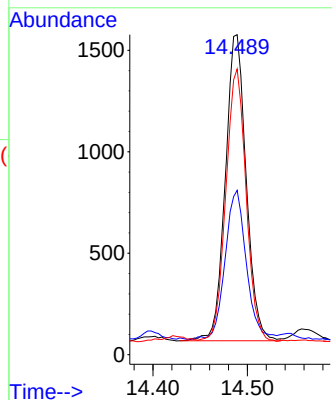
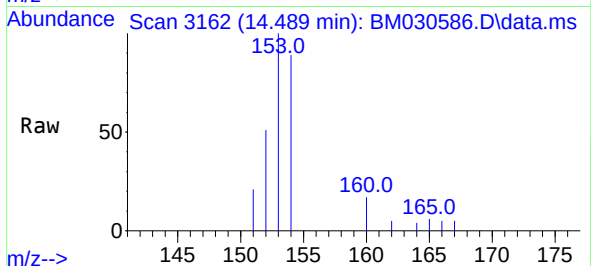
#11
Acenaphthene
Concen: 0.066 ng/uI
RT: 14.489 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:153 Resp: 2320
Ion Ratio Lower Upper
153 100
152 51.4 40.2 60.2
154 89.3 71.2 106.8

Instrument :
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ClientSampled :
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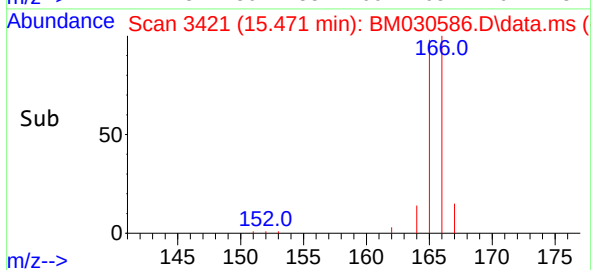
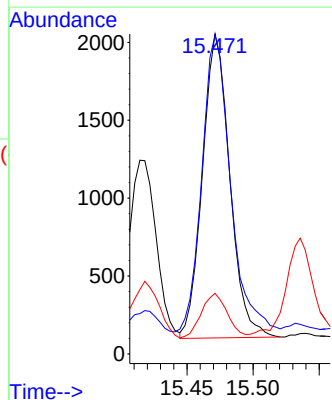
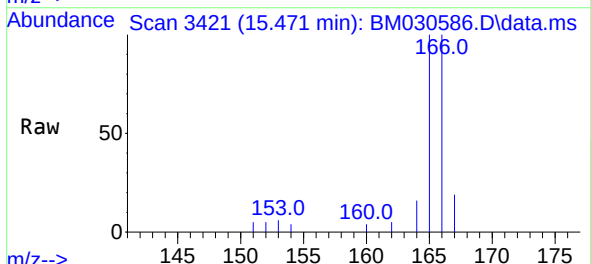
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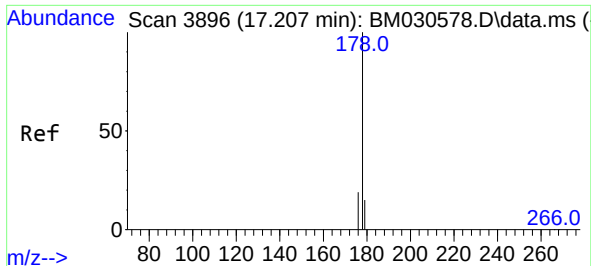
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#12
Fluorene
Concen: 0.072 ng/uI
RT: 15.471 min Scan# 3421
Delta R.T. -0.007 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

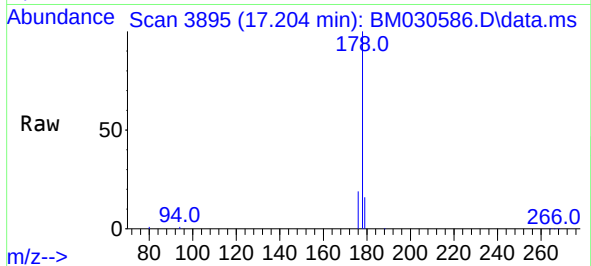
Tgt Ion:166 Resp: 2808
Ion Ratio Lower Upper
166 100
165 99.8 77.7 116.5
167 18.9 11.3 16.9#





#15
Phenanthrene
Concen: 0.640 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

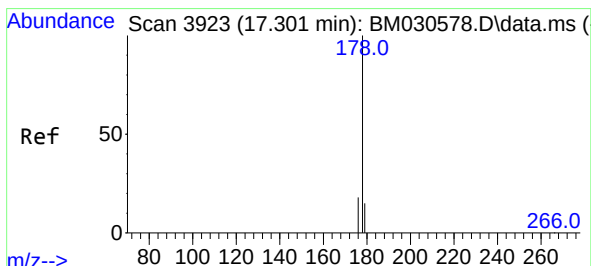
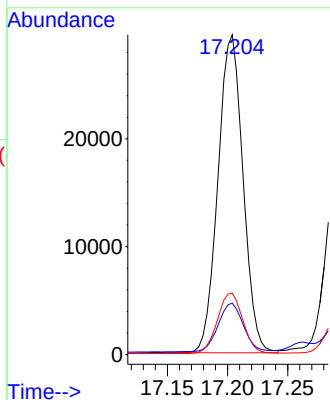
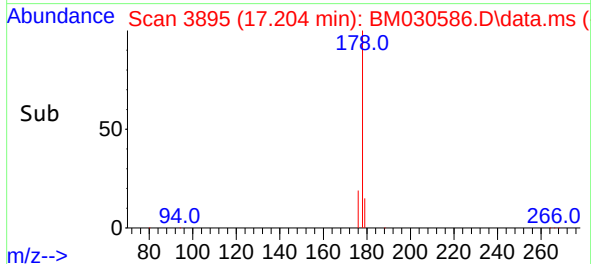
Instrument :
BNA_M
ClientSampled :
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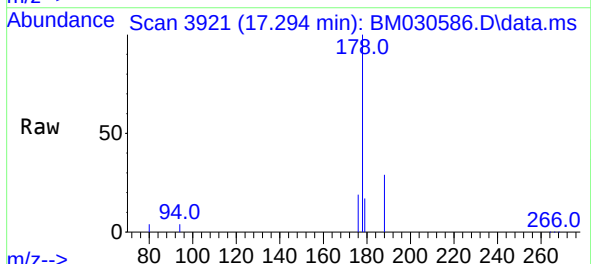
Tgt Ion:178 Resp: 42610
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 19.2 15.5 23.3

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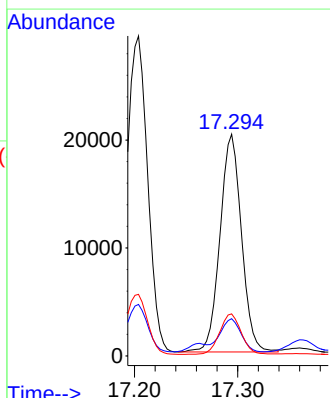
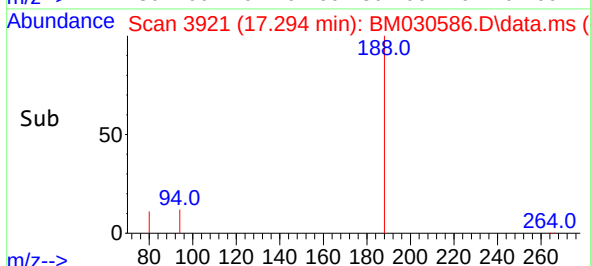
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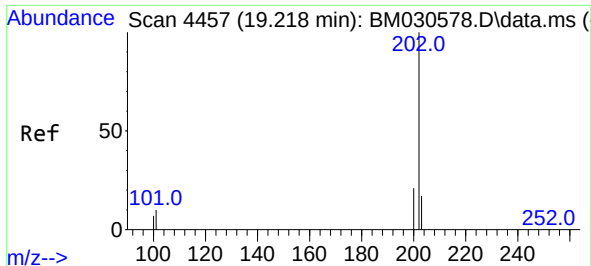


#16
Anthracene
Concen: 0.501 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



Tgt Ion:178 Resp: 29194
Ion Ratio Lower Upper
178 100
179 16.8 12.7 19.1
176 18.9 15.2 22.8





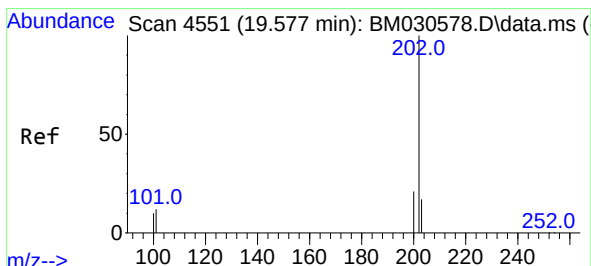
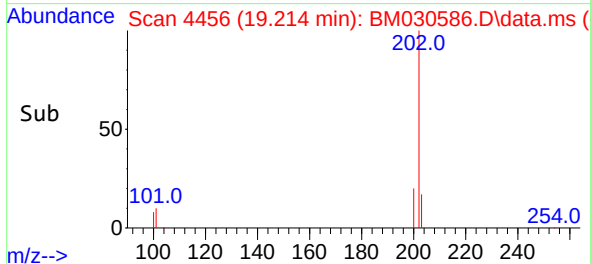
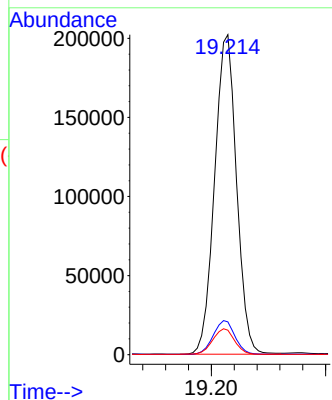
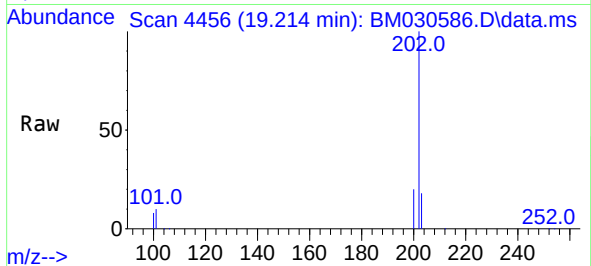
#19
Fluoranthene
Concen: 3.461 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. -0.004 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:202 Resp: 268945
Ion Ratio Lower Upper
202 100
101 10.2 8.8 13.2
100 7.7 6.9 10.3

Instrument :
BNA_M
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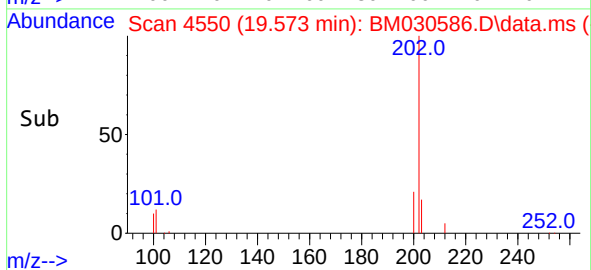
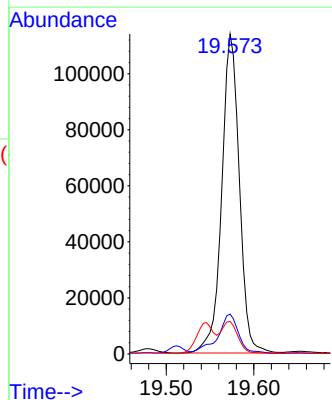
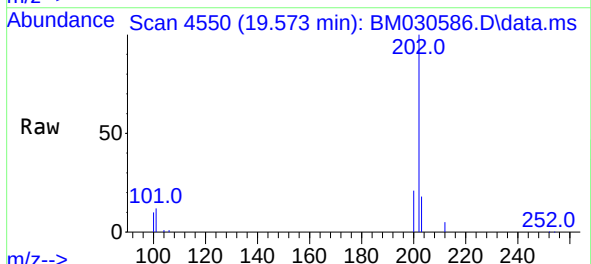
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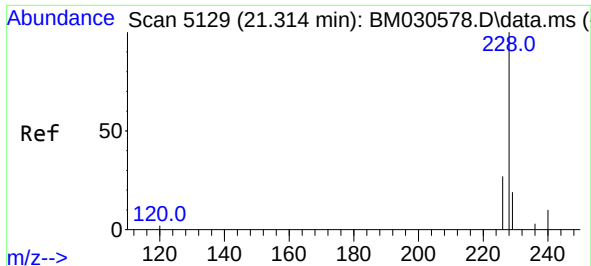
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#20
Pyrene
Concen: 2.001 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.007 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:202 Resp: 159299
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 10.1 8.2 12.2





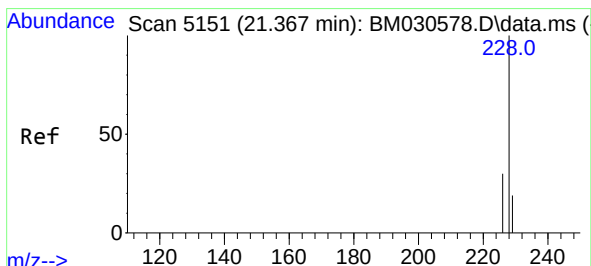
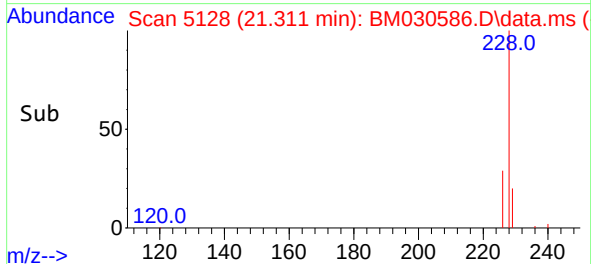
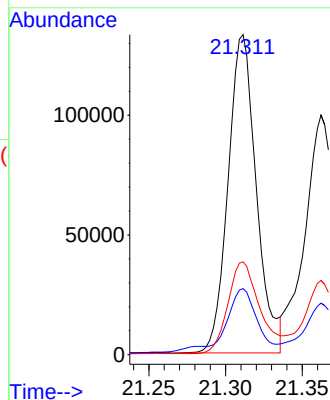
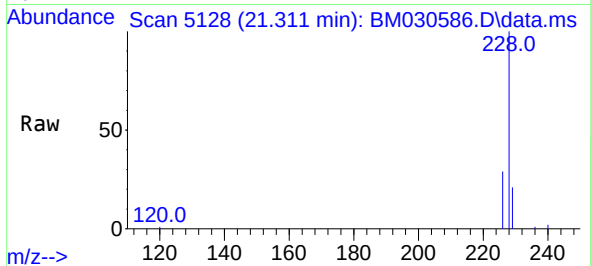
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Benzo(a)anthracene
Concen: 2.537 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.005 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:228 Resp: 170348
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.6
226 29.0 22.2 33.4

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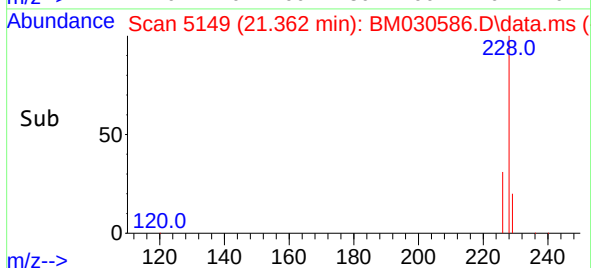
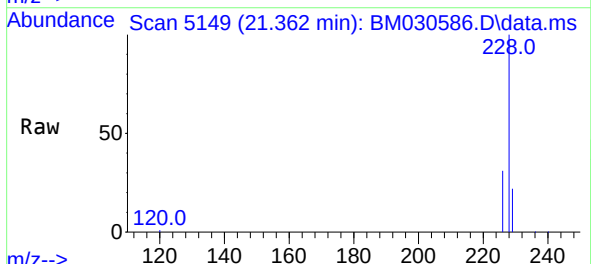
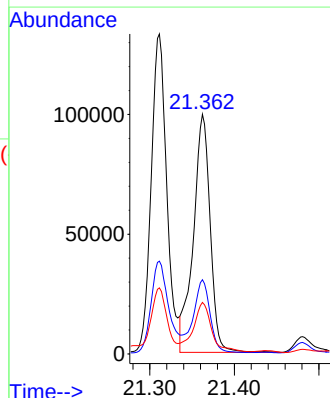
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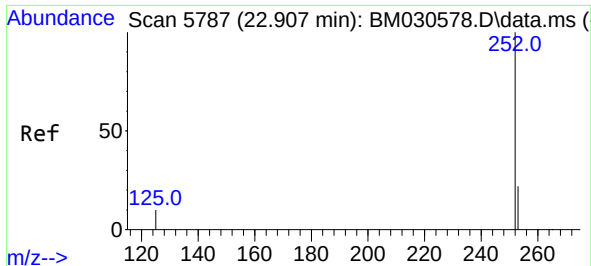
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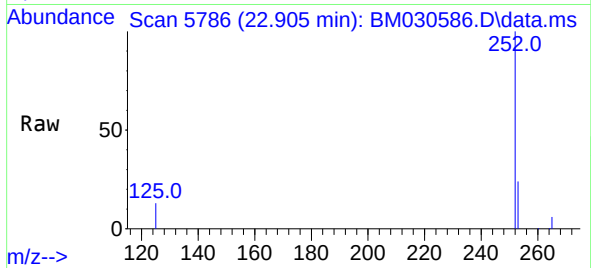
#22
Chrysene
Concen: 1.848 ng/ul
RT: 21.362 min Scan# 5149
Delta R.T. -0.005 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

Tgt Ion:228 Resp: 137762
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 21.5 15.4 23.0

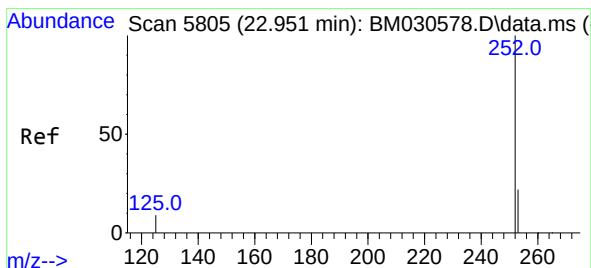
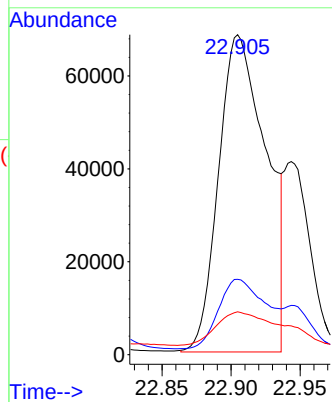
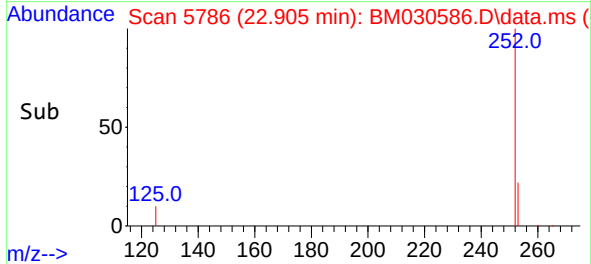




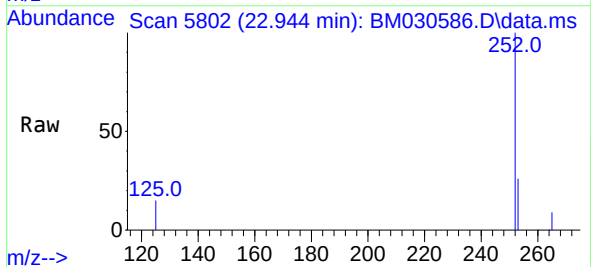
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Benzo(b)fluoranthene
Concen: 2.415 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



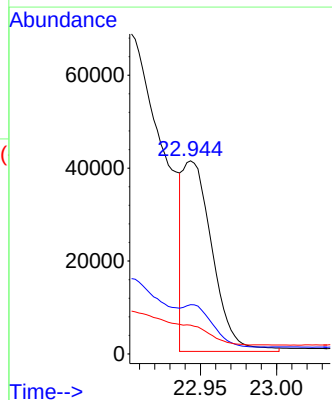
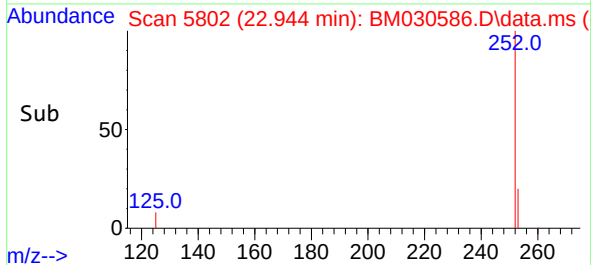
Tgt Ion:252 Resp: 163761
Ion Ratio Lower Upper
252 100
253 23.6 0.0 50.2
125 13.4 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.777 ng/ul m
RT: 22.944 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



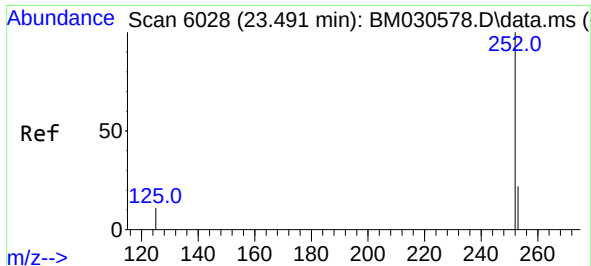
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Ion Ratio Lower Upper
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253 25.6 20.6 31.0
125 14.9 11.0 16.4



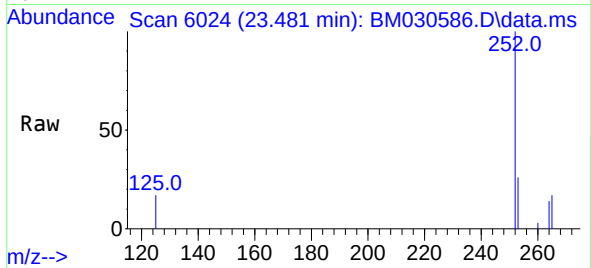
Instrument :
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ClientSampled :
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Manual Integrations
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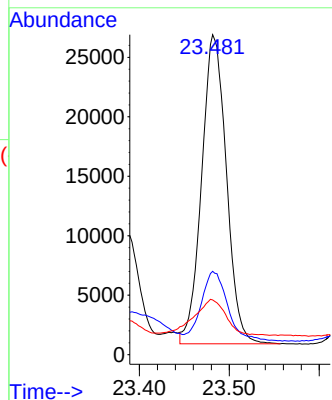
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#26
Benzo(a)pyrene
Concen: 0.826 ng/ul
RT: 23.481 min Scan# 6024
Delta R.T. -0.010 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



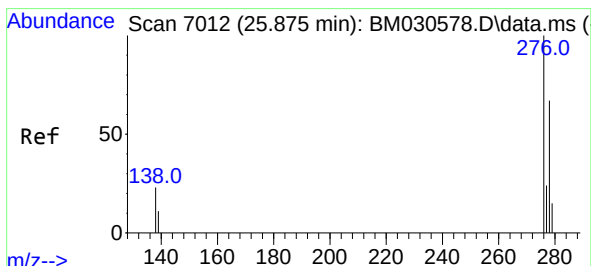
Tgt Ion:252 Resp: 49693
Ion Ratio Lower Upper
252 100
253 26.1 22.0 33.0
125 17.1 13.4 20.2



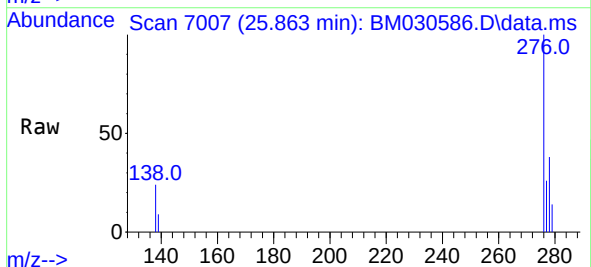
Instrument :
BNA_M
ClientSampled :
BGDE6

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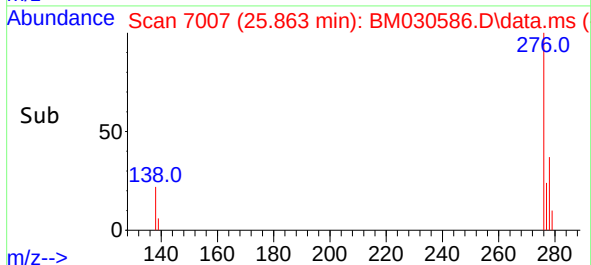
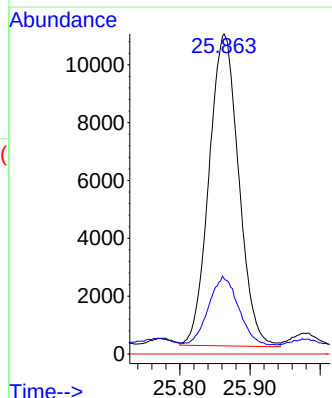
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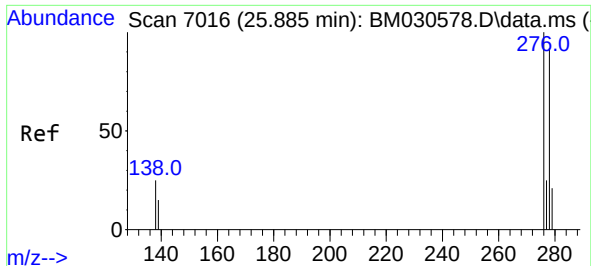


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.010 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42

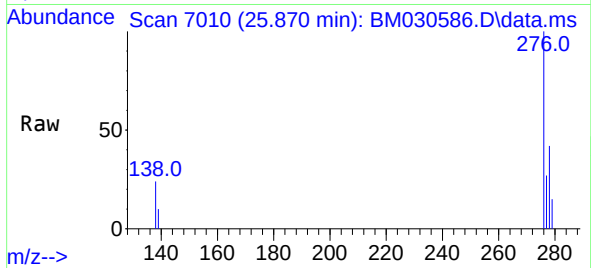


Tgt Ion:276 Resp: 31699
Ion Ratio Lower Upper
276 100
138 22.1 19.1 28.7
227 0.0 0.0 0.0

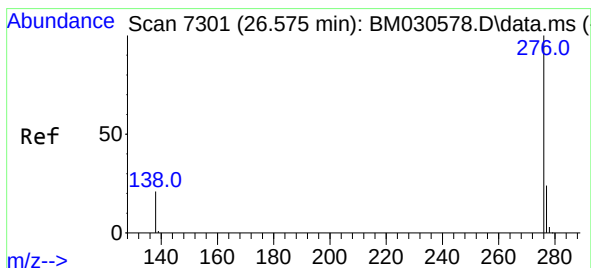
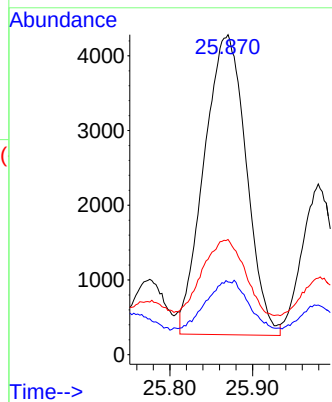
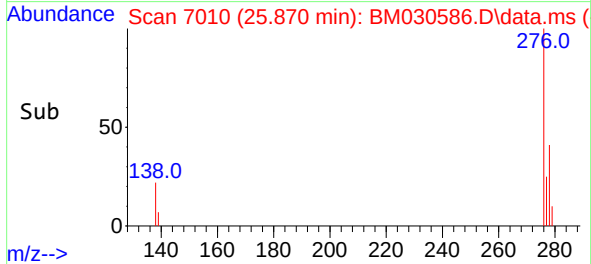




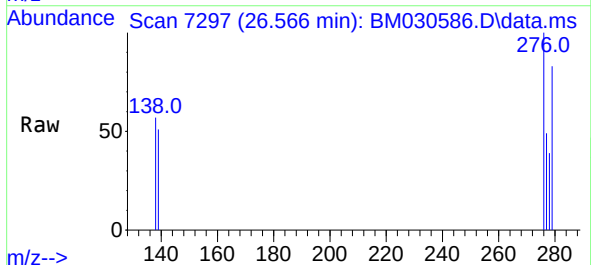
#28
Dibenzo(a,h)anthracene
Concen: 0.232 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.017 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



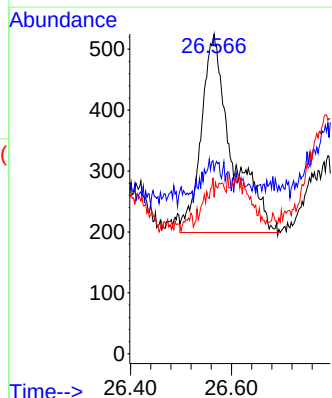
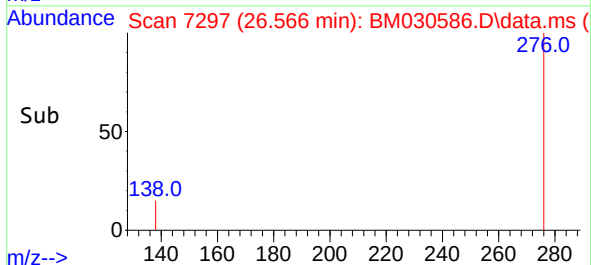
Tgt Ion:278 Resp: 14179
Ion Ratio Lower Upper
278 100
139 22.7 14.2 21.4#
279 36.0 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.021 ng/ul
RT: 26.566 min Scan# 7297
Delta R.T. -0.005 min
Lab File: BM030586.D
Acq: 24 Jun 2021 21:42



Tgt Ion:276 Resp: 1375
Ion Ratio Lower Upper
276 100
138 57.3 18.0 27.0#
277 49.0 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDE6

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