

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030585.D
 Acq On : 24 Jun 2021 21:05
 Operator : CG/JU
 Sample : M2662-24
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD98

Manual Integrations
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Quant Time: Jun 25 02:27:04 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	7.801	152	3063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	11266	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	6592	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	12131m	0.400	ng/ul	0.00
17) Chrysene-d12	21.326	240	9904	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	7263	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	9906	3.023	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	4429	0.246	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	11225	0.370	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.630	128	23879	0.713	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	5361	0.237	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	3278	0.149	ng/ul	99
10) Acenaphthylene	14.144	152	27424	0.889	ng/ul	98
11) Acenaphthene	14.489	153	20160	0.802	ng/ul	99
12) Fluorene	15.471	166	27883	1.002	ng/ul	97
15) Phenanthrene	17.200	178	436689	10.110	ng/ul	99
16) Anthracene	17.294	178	141013	3.726	ng/ul	99
19) Fluoranthene	19.210	202	878292	19.290	ng/ul	99
20) Pyrene	19.573	202	488947	10.482	ng/ul	100
21) Benzo(a)anthracene	21.309	228	374105	9.509	ng/ul	98
22) Chrysene	21.362	228	301635	6.906	ng/ul	97
24) Benzo(b)fluoranthene	22.905	252	307065m	9.719	ng/ul	
25) Benzo(k)fluoranthene	22.943	252	118264m	3.569	ng/ul	
26) Benzo(a)pyrene	23.484	252	83564	2.981	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.863	276	59923	1.681	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.870	278	29094	1.023	ng/ul	93
29) Benzo(g,h,i)perylene	26.561	276	2160	0.070	ng/ul#	41

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

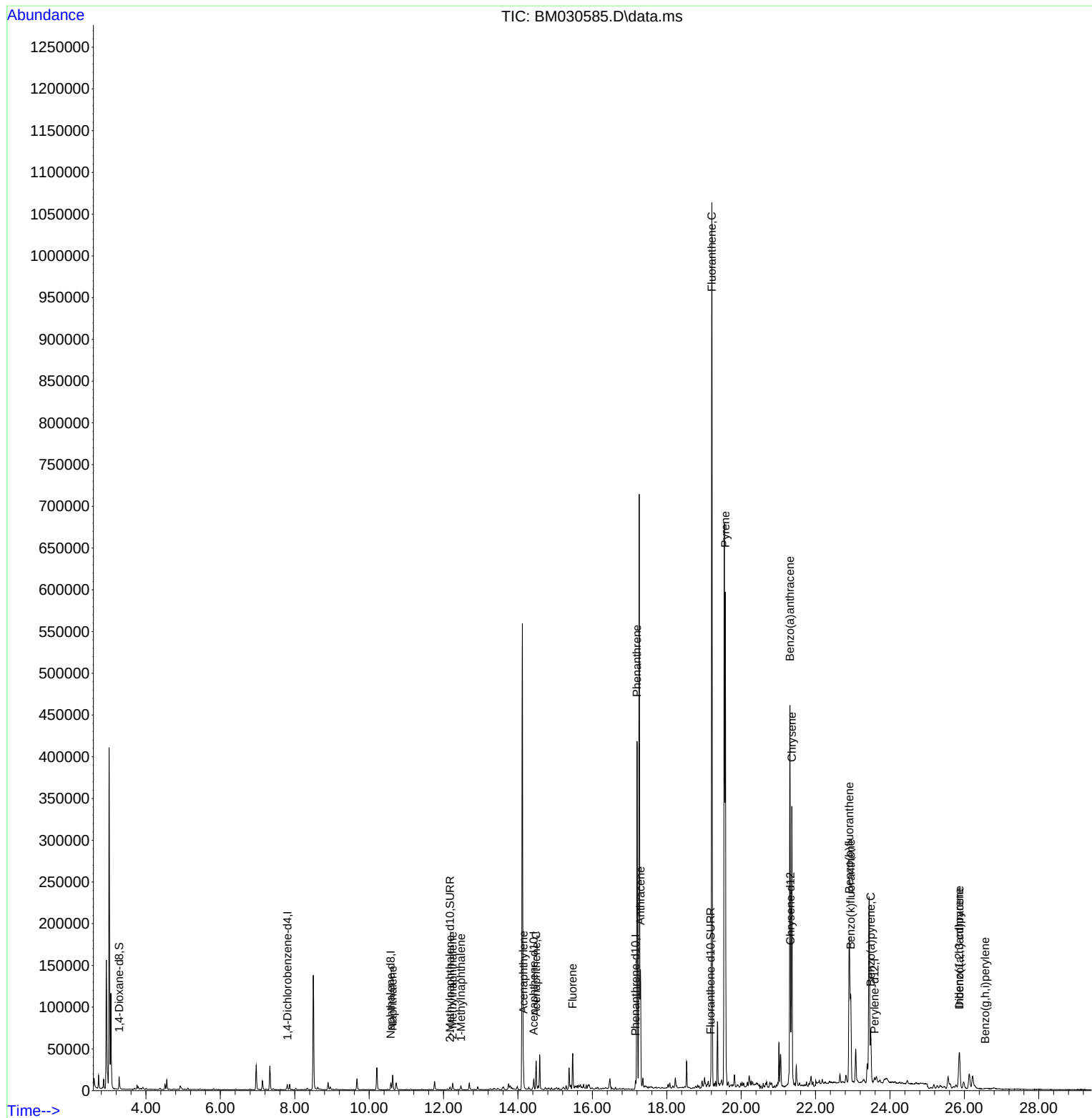
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
Data File : BM030585.D
Acq On : 24 Jun 2021 21:05
Operator : CG/JU
Sample : M2662-24
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ALS Vial : 20 Sample Multiplier: 1

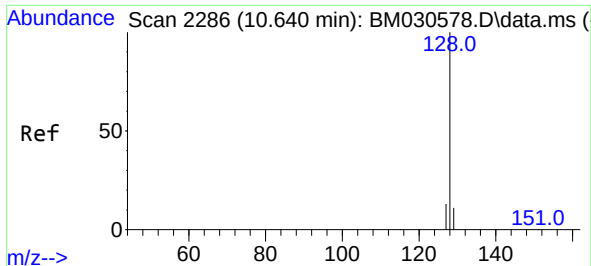
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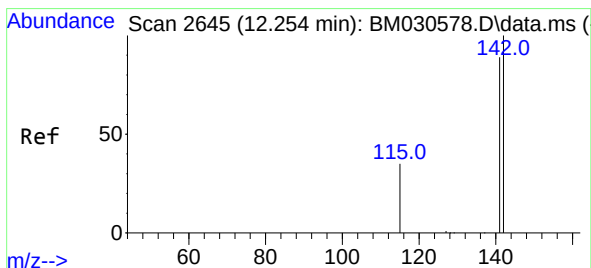
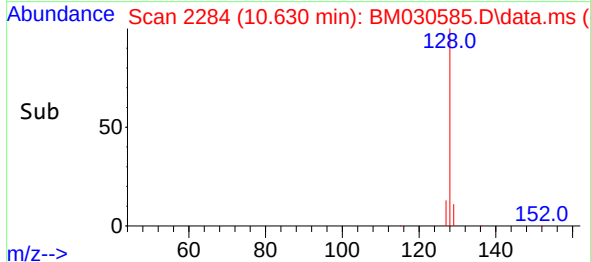
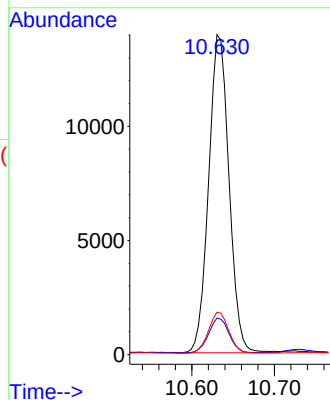
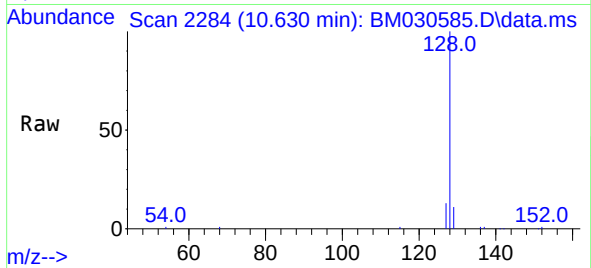
#5
Naphthalene
Concen: 0.713 ng/ul
RT: 10.630 min Scan# 2284
Delta R.T. -0.009 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:	128	Resp:	23879
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.0	13.6
127	13.3	10.9	16.3

Instrument :
BNA_M
ClientSampled :
BGD98

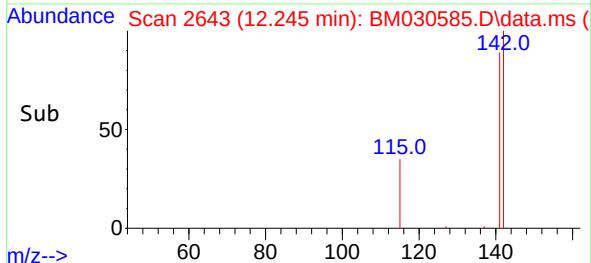
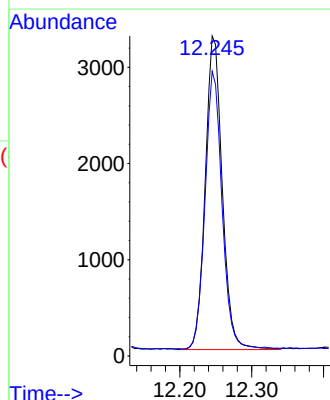
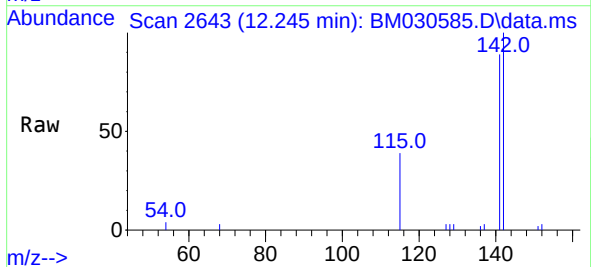
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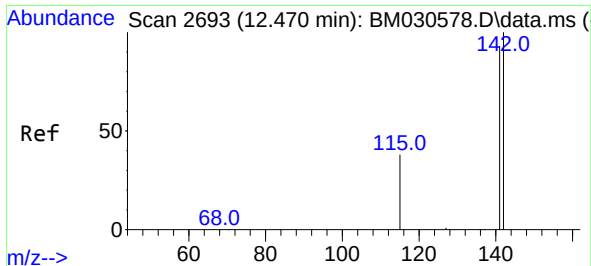
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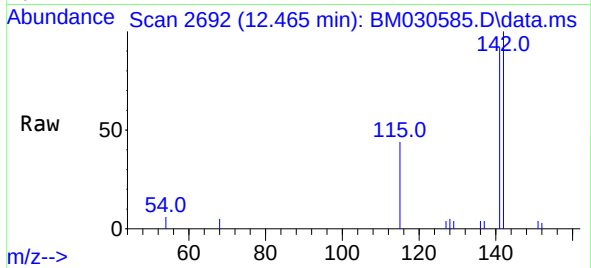
#7
2-Methylnaphthalene
Concen: 0.237 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.009 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:	142	Resp:	5361
Ion Ratio	Lower	Upper	
142	100		
141	88.6	71.4	107.0

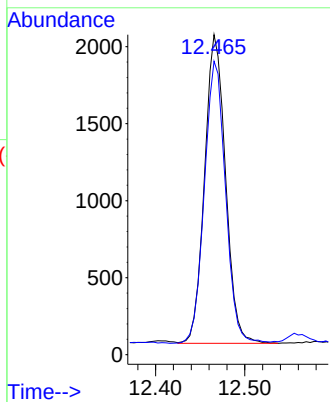
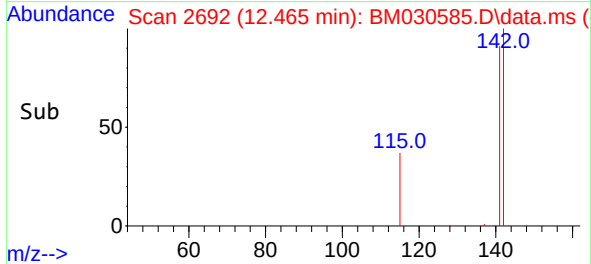




#8
1-Methylnaphthalene
Concen: 0.149 ng/ul
RT: 12.465 min Scan# 2692
Delta R.T. -0.005 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



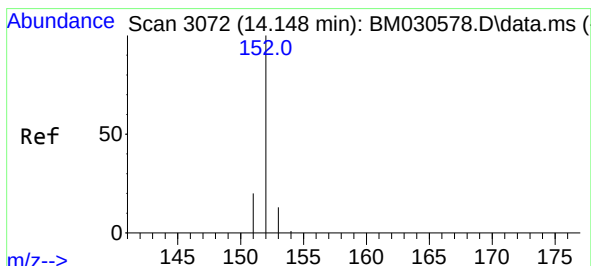
Tgt Ion:142 Resp: 3278
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0



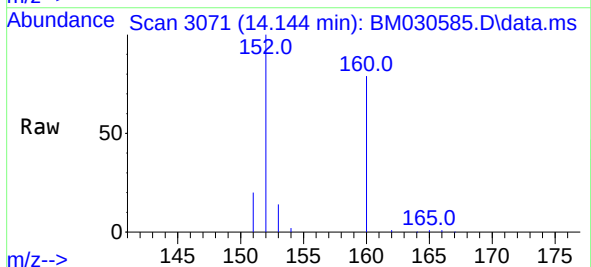
Instrument :
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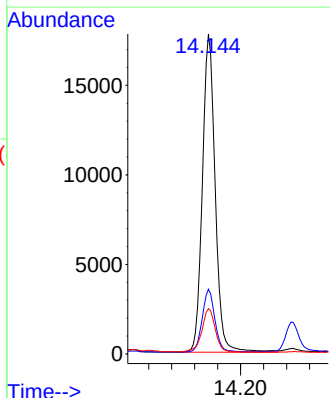
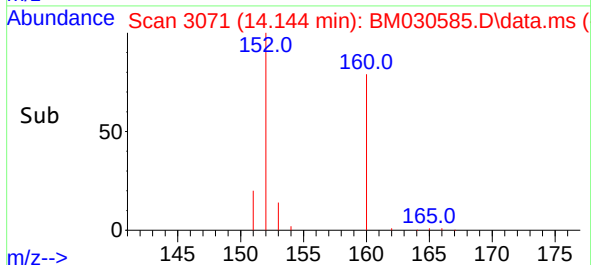
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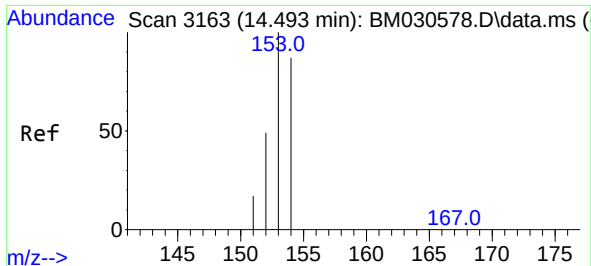


#10
Acenaphthylene
Concen: 0.889 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. -0.008 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



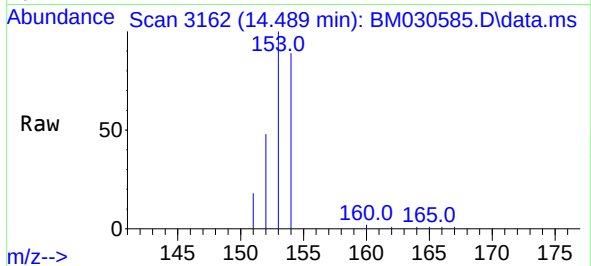
Tgt Ion:152 Resp: 27424
Ion Ratio Lower Upper
152 100
151 20.2 15.5 23.3
153 14.2 10.7 16.1





#11
Acenaphthene
Concen: 0.802 ng/ul
RT: 14.489 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

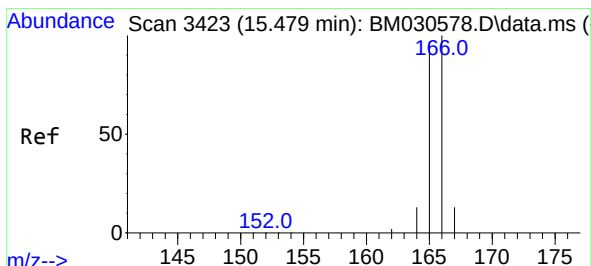
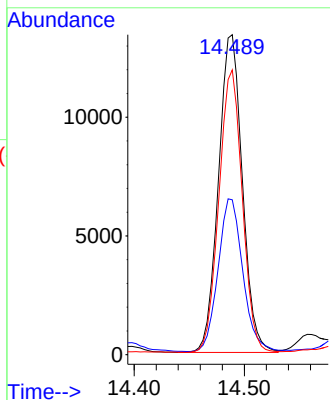
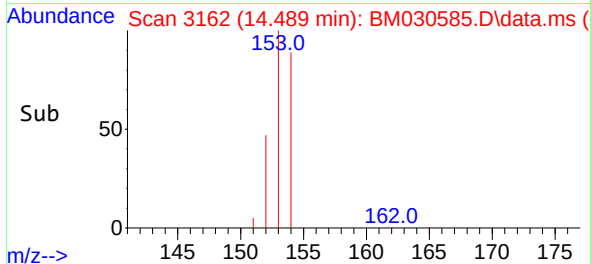
Instrument :
BNA_M
ClientSampled :
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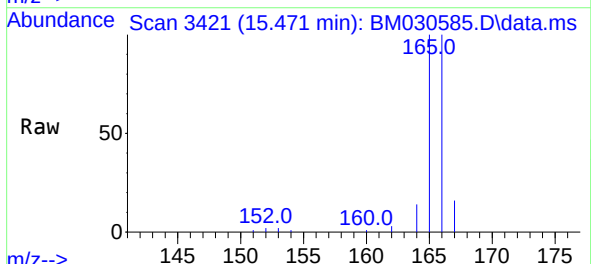
Tgt Ion:153 Resp: 20160
Ion Ratio Lower Upper
153 100
152 48.4 40.2 60.2
154 89.0 71.2 106.8

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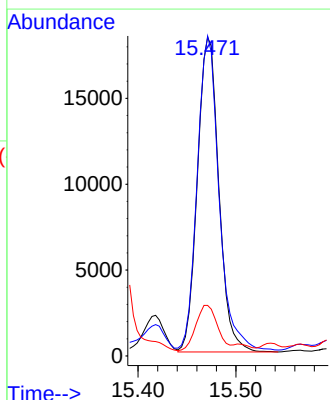
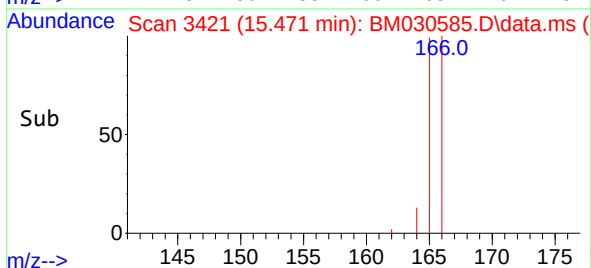
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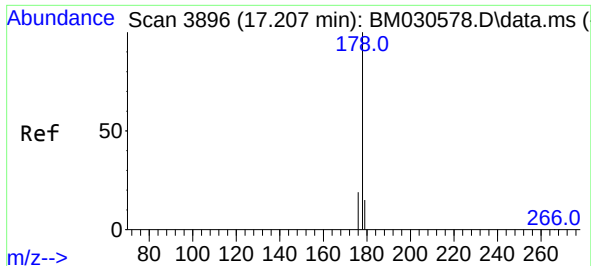


#12
Fluorene
Concen: 1.002 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.008 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



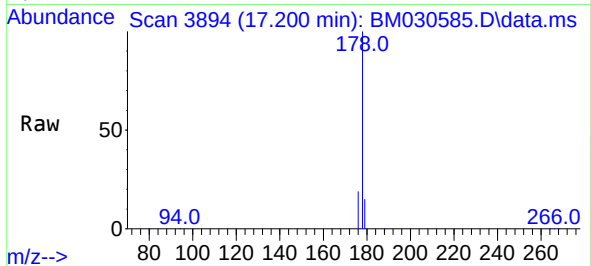
Tgt Ion:166 Resp: 27883
Ion Ratio Lower Upper
166 100
165 100.4 77.7 116.5
167 15.9 11.3 16.9





#15
Phenanthrene
Concen: 10.110 ng/ul
RT: 17.200 min Scan# 3894
Delta R.T. -0.007 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

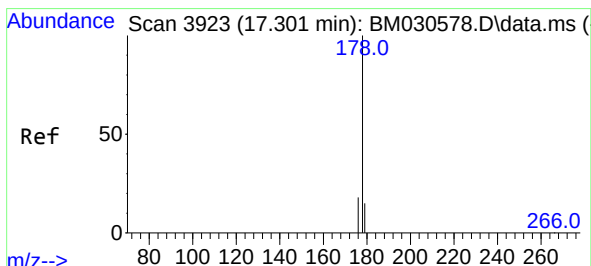
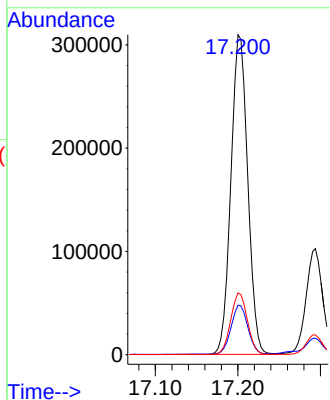
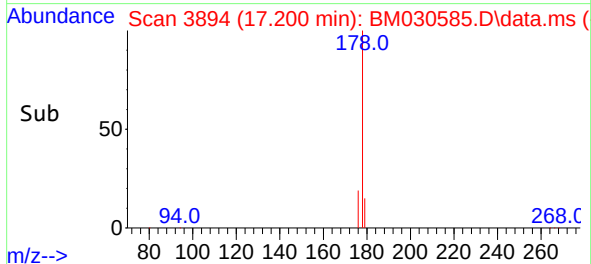
Instrument :
BNA_M
ClientSampled :
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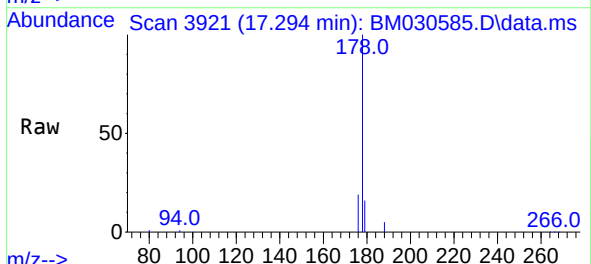
Tgt Ion:178 Resp: 436689
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.3 15.5 23.3

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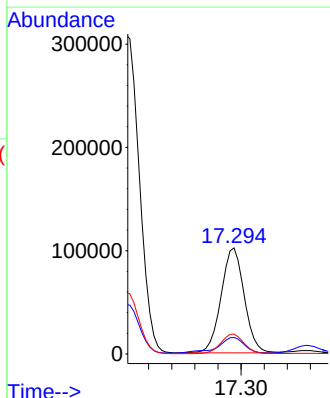
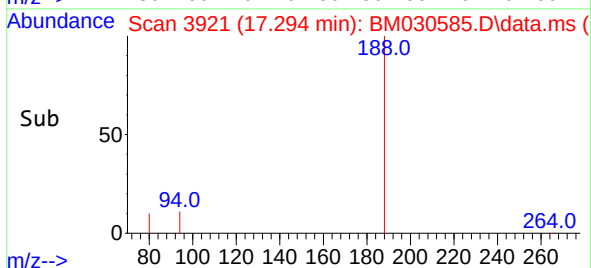
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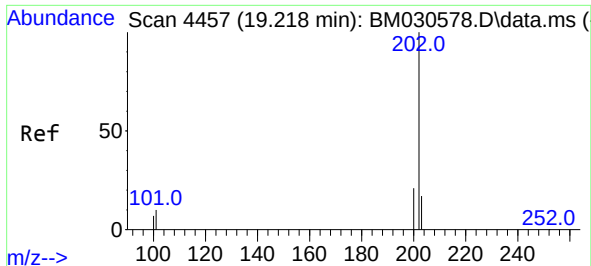


#16
Anthracene
Concen: 3.726 ng/ul
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



Tgt Ion:178 Resp: 141013
Ion Ratio Lower Upper
178 100
179 15.6 12.7 19.1
176 18.7 15.2 22.8





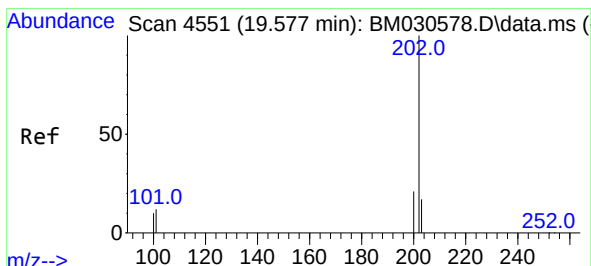
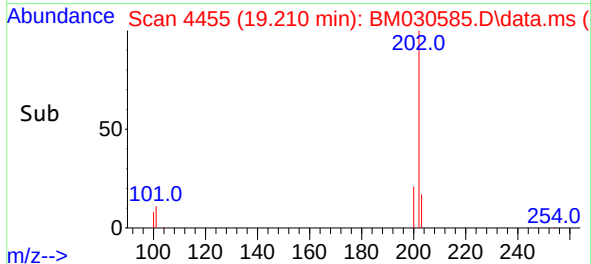
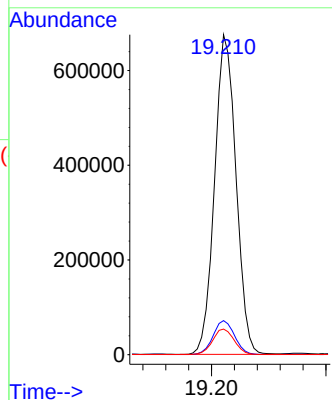
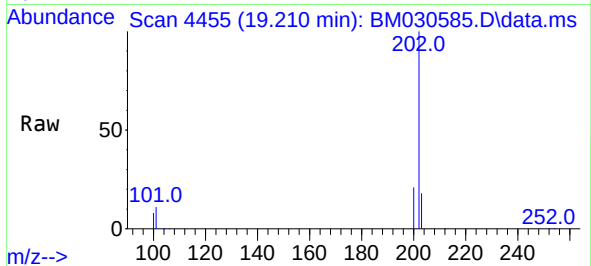
#19
Fluoranthene
Concen: 19.290 ng/u1
RT: 19.210 min Scan# 4455
Delta R.T. -0.008 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:202 Resp: 878292
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.0 6.9 10.3

Instrument :
BNA_M
ClientSampled :
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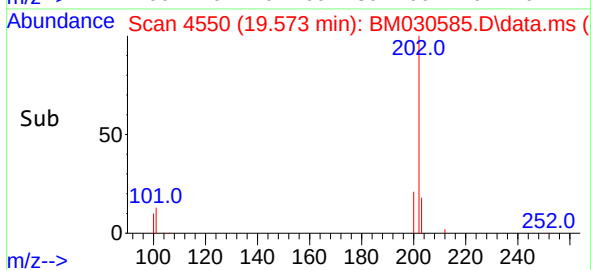
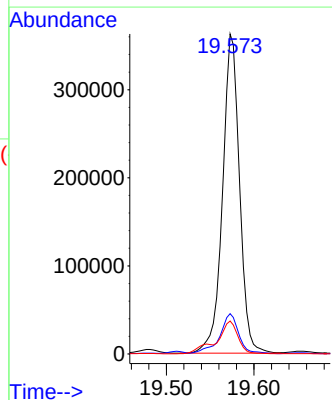
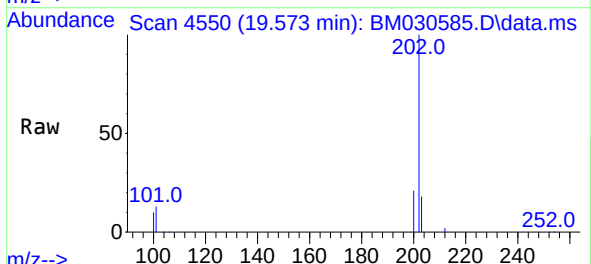
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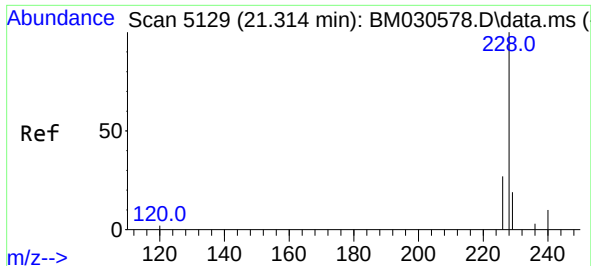
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#20
Pyrene
Concen: 10.482 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.008 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:202 Resp: 488947
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 10.3 8.2 12.2





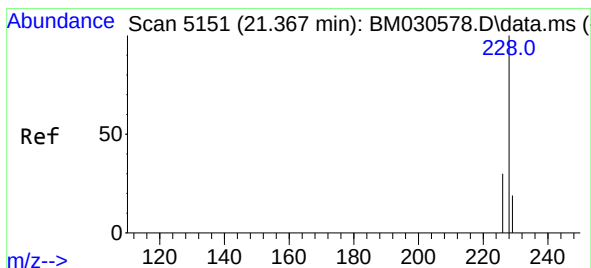
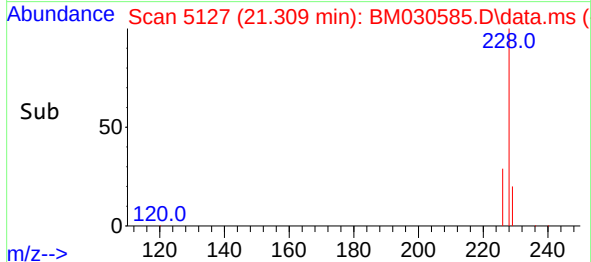
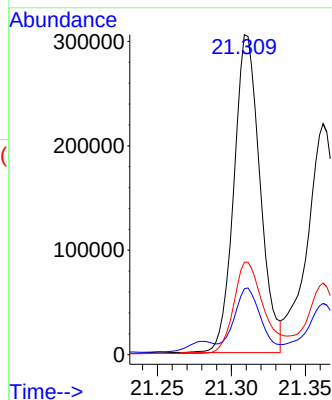
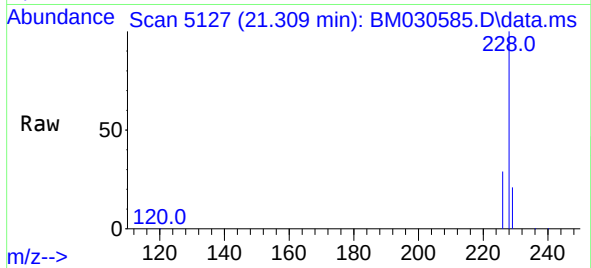
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Benzo(a)anthracene
Concen: 9.509 ng/u1
RT: 21.309 min Scan# 5127
Delta R.T. -0.007 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt	Ion:228	Resp:	374105
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.6
226	28.9	22.2	33.4

Instrument :
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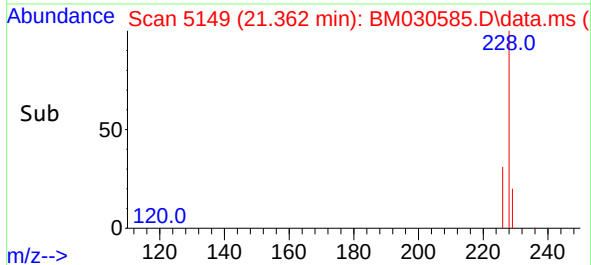
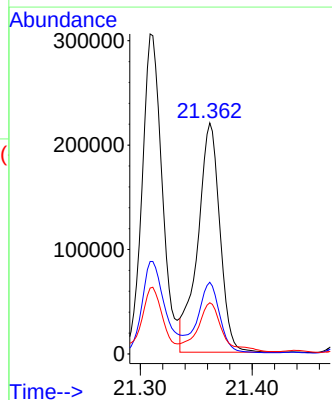
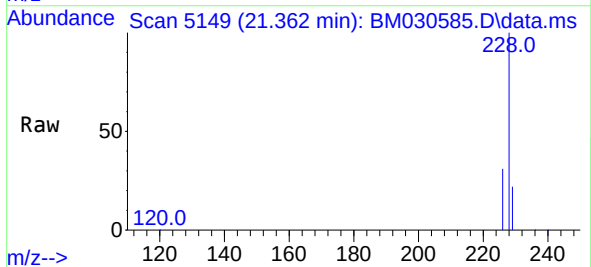
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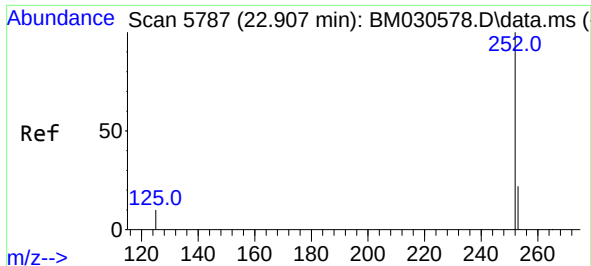
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#22
Chrysene
Concen: 6.906 ng/u1
RT: 21.362 min Scan# 5149
Delta R.T. -0.005 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt	Ion:228	Resp:	301635
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	22.2	15.4	23.0





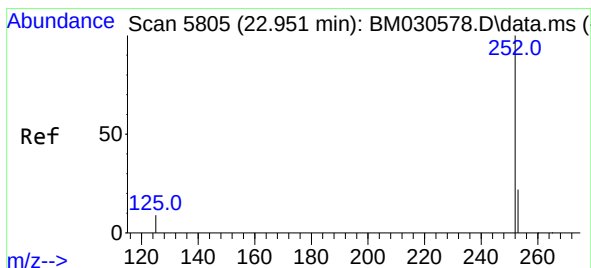
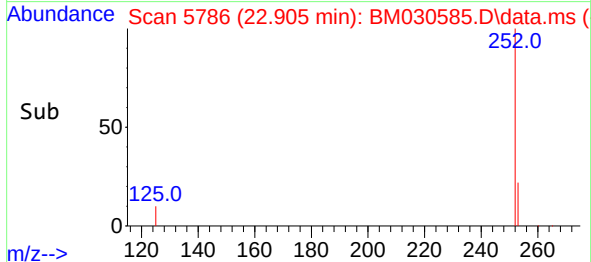
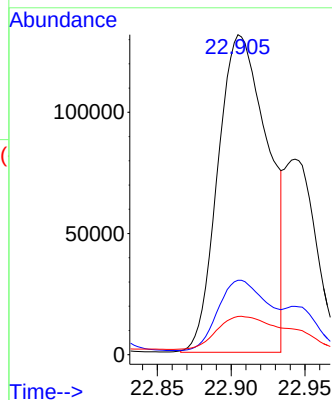
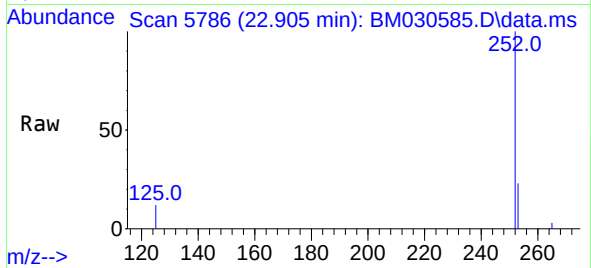
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Benzo(b)fluoranthene
Concen: 9.719 ng/ul m
RT: 22.905 min Scan# 5786
Delta R.T. -0.002 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:252 Resp: 307065
Ion Ratio Lower Upper
252 100
253 23.2 0.0 50.2
125 11.9 0.0 27.8

Instrument :
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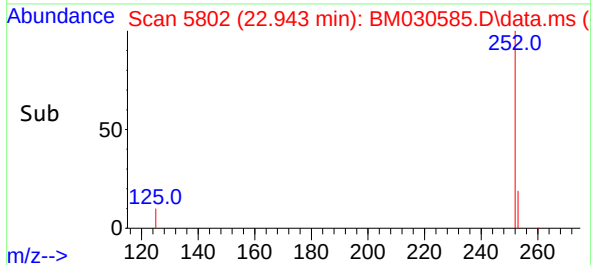
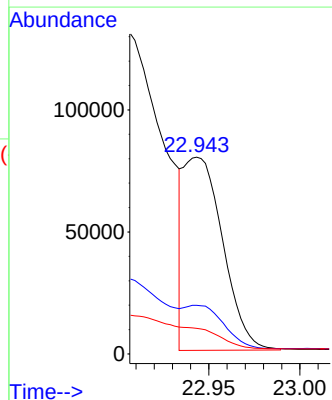
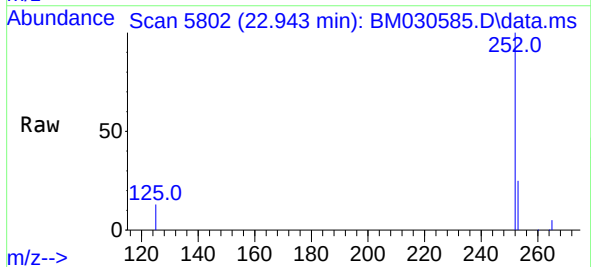
Manual Integrations
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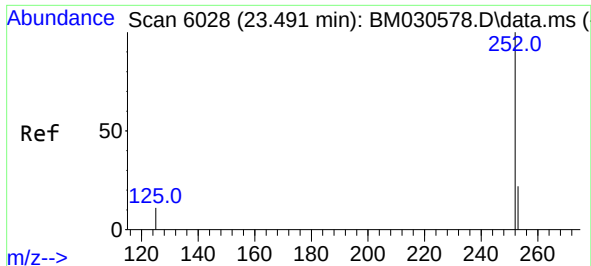
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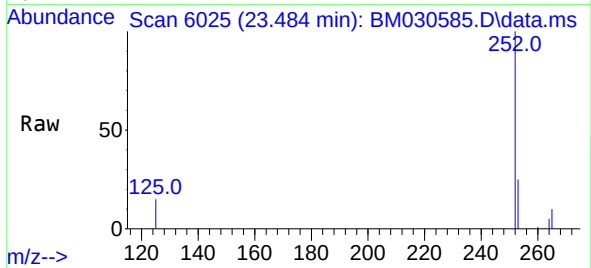
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Benzo(k)fluoranthene
Concen: 3.569 ng/ul m
RT: 22.943 min Scan# 5802
Delta R.T. -0.010 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion:252 Resp: 118264
Ion Ratio Lower Upper
252 100
253 24.7 20.6 31.0
125 13.0 11.0 16.4

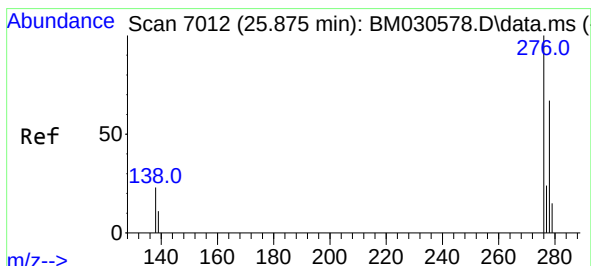
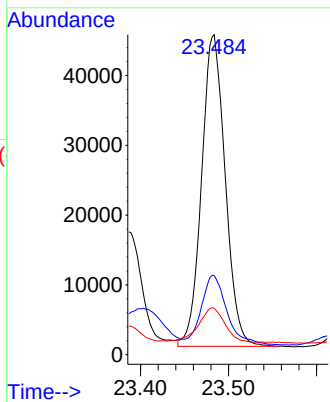
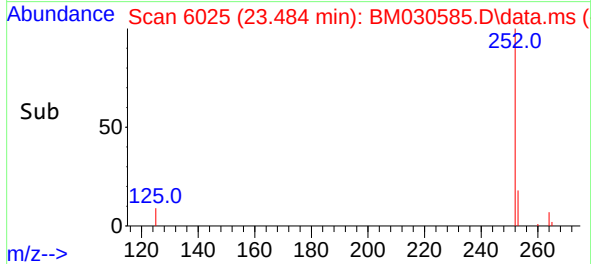




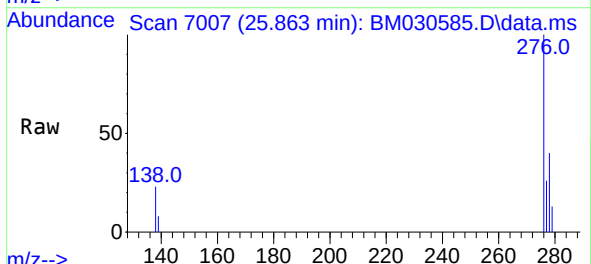
#26
Benzo(a)pyrene
Concen: 2.981 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.007 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



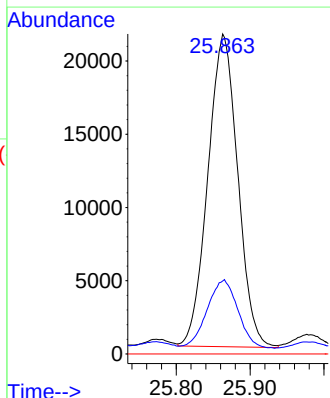
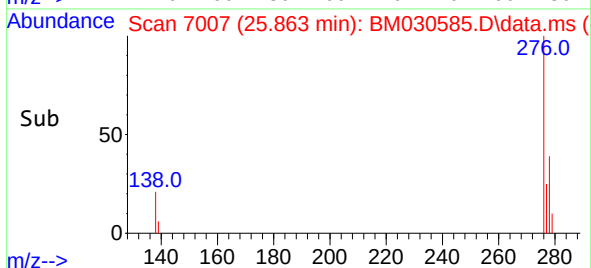
Tgt Ion:252 Resp: 83564
Ion Ratio Lower Upper
252 100
253 24.7 22.0 33.0
125 14.5 13.4 20.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.681 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.010 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05



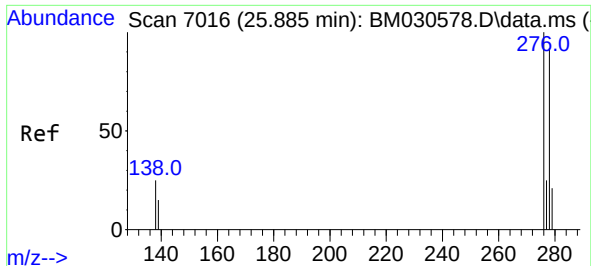
Tgt Ion:276 Resp: 59923
Ion Ratio Lower Upper
276 100
138 22.9 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGD98

Manual Integrations
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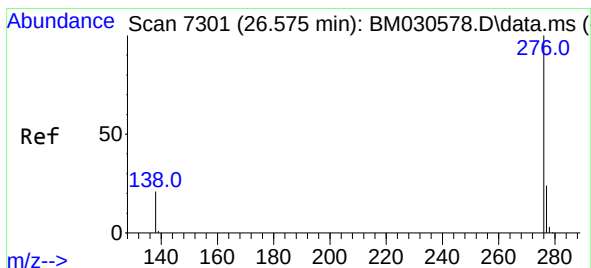
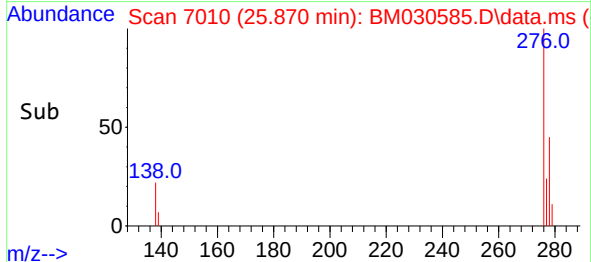
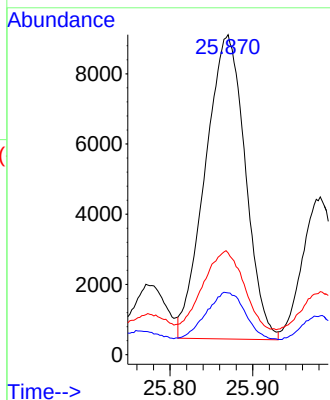
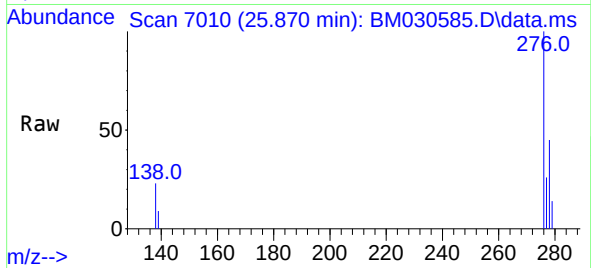
#28
Dibenzo(a,h)anthracene
Concen: 1.023 ng/ul
RT: 25.870 min Scan# 7010
Delta R.T. -0.017 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion: 278 Resp: 29094
Ion Ratio Lower Upper
278 100
139 19.3 14.2 21.4
279 31.8 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGD98

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.070 ng/ul
RT: 26.561 min Scan# 7295
Delta R.T. -0.010 min
Lab File: BM030585.D
Acq: 24 Jun 2021 21:05

Tgt Ion: 276 Resp: 2160
Ion Ratio Lower Upper
276 100
138 54.0 18.0 27.0#
277 51.1 19.5 29.3#

