

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030597.D
 Acq On : 25 Jun 2021 12:18
 Operator : CG/JU
 Sample :
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH3

Manual Integrations
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Quant Time: Jun 25 13:11:33 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	4188	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	17237	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.425	164	11119	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	20044	0.400	ng/ul	0.00
17) Chrysene-d12	21.331	240	14167	0.400	ng/ul	# 0.00
23) Perylene-d12	23.585	264	14526	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.279	96	12233	2.730	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.169	152	5844	0.212	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	13825	0.318	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.631	128	104869	2.045	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	14634	0.423	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	16283	0.484	ng/ul	99
10) Acenaphthylene	14.144	152	125639	2.415	ng/ul	98
11) Acenaphthene	14.485	153	297575	7.020	ng/ul	98
12) Fluorene	15.471	166	271435	5.782	ng/ul	99
15) Phenanthrene	17.207	178	4135374	57.944	ng/ul	98
16) Anthracene	17.294	178	2240370	35.832	ng/ul	100
19) Fluoranthene	19.218	202	6896098	105.883	ng/ul	96
20) Pyrene	19.580	202	5590989	83.793	ng/ul	97
21) Benzo(a)anthracene	21.316	228	3118633m	55.416	ng/ul	
22) Chrysene	21.367	228	2479492	39.688	ng/ul	95
24) Benzo(b)fluoranthene	22.914	252	2823974m	44.692	ng/ul	
25) Benzo(k)fluoranthene	22.951	252	1011868m	15.268	ng/ul	
26) Benzo(a)pyrene	23.491	252	2247955	40.089	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.875	276	1256272	17.619	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.875	278	340637	5.990	ng/ul	97
29) Benzo(g,h,i)perylene	26.575	276	976351	15.849	ng/ul	98

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

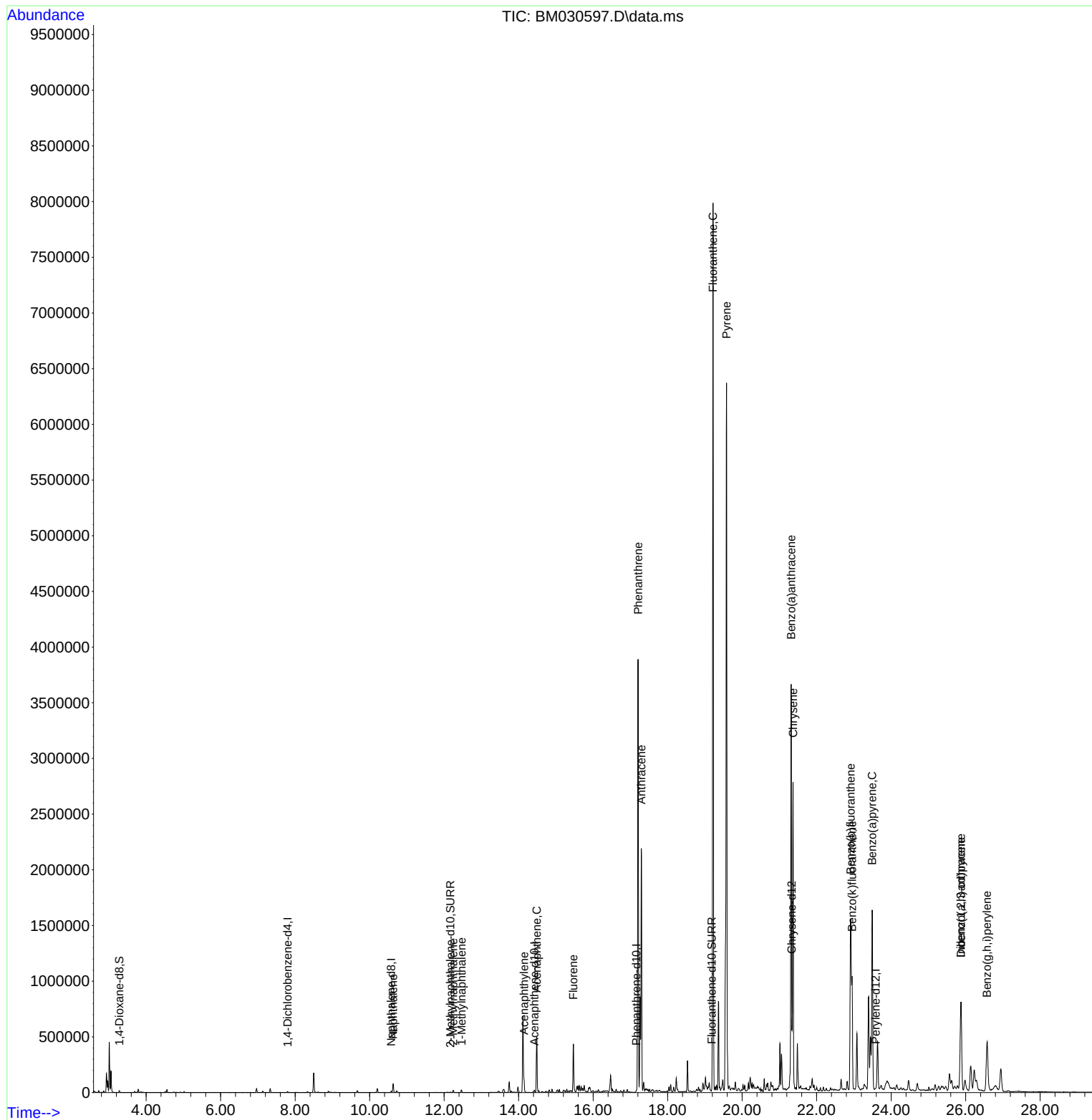
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
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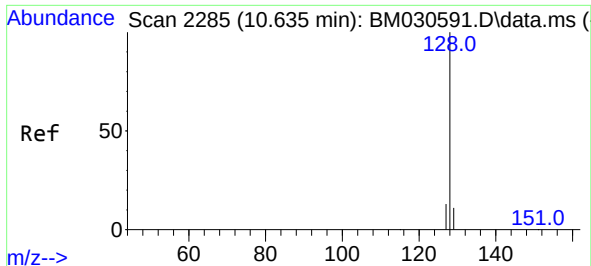
Instrument :
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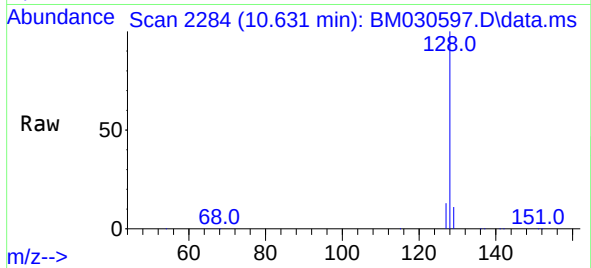
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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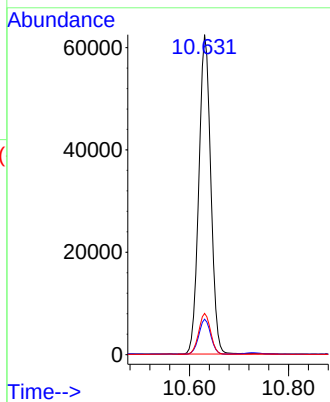
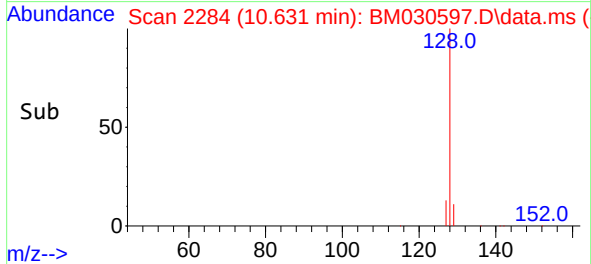




#5
Naphthalene
Concen: 2.045 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



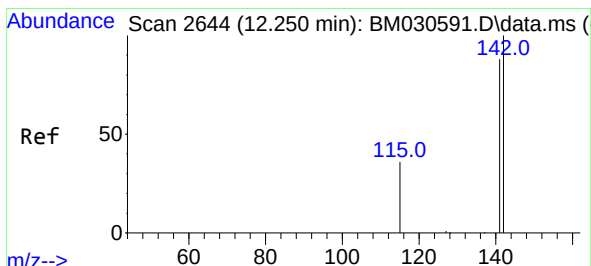
Tgt Ion:128 Resp: 104869
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 12.9 10.9 16.3



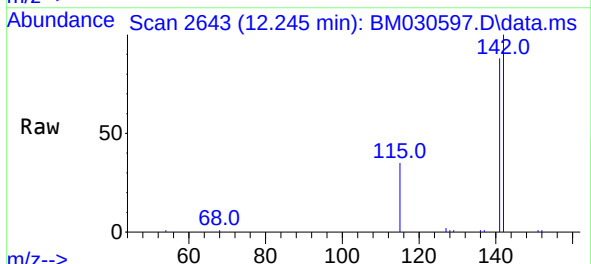
Instrument :
BNA_M
ClientSampled :
BGDH3

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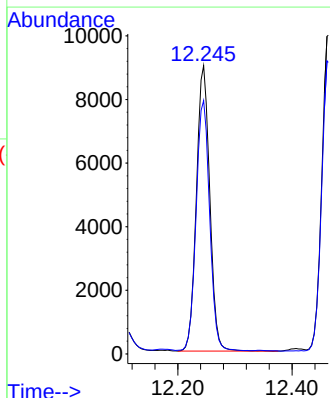
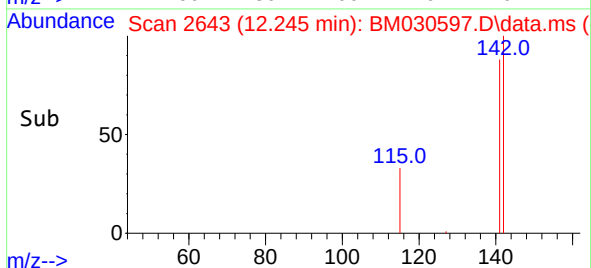
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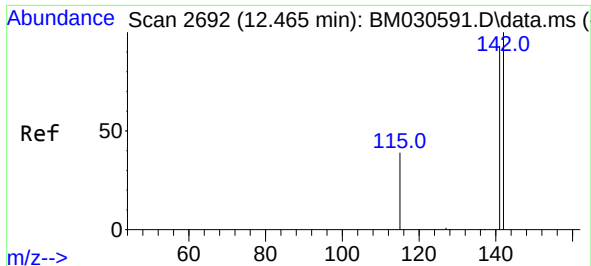


#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

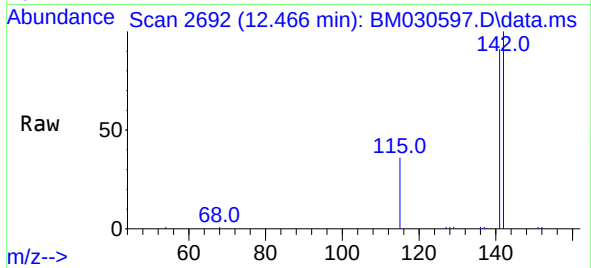


Tgt Ion:142 Resp: 14634
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.0

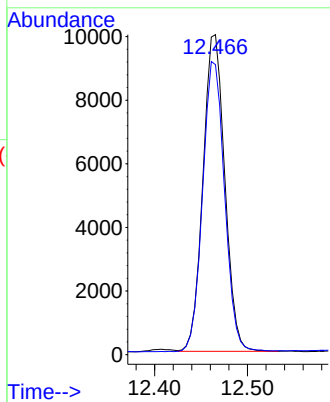
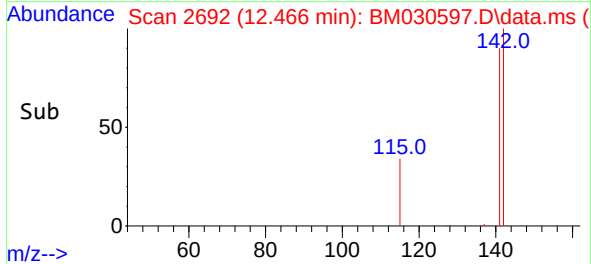




#8
1-Methylnaphthalene
Concen: 0.484 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



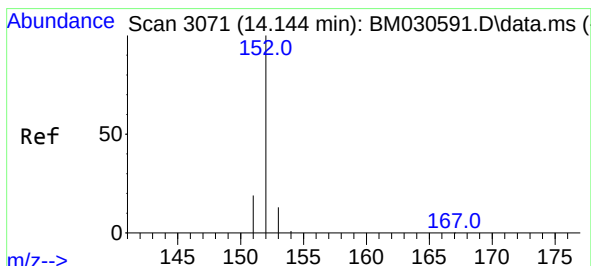
Tgt Ion:142 Resp: 16283
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0



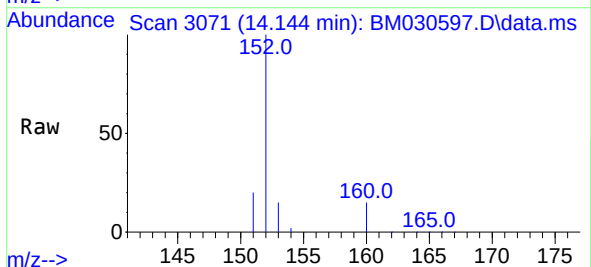
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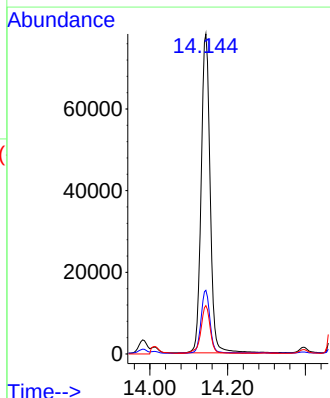
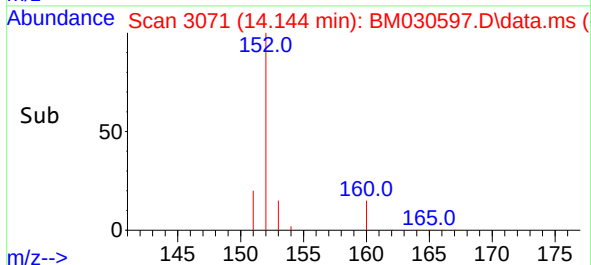
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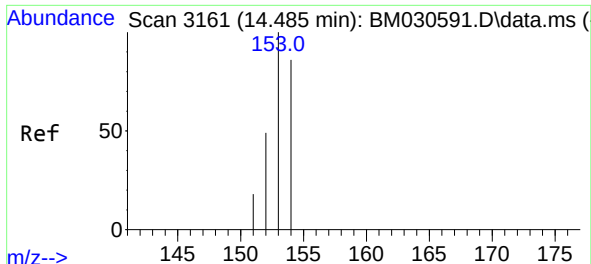


#10
Acenaphthylene
Concen: 2.415 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



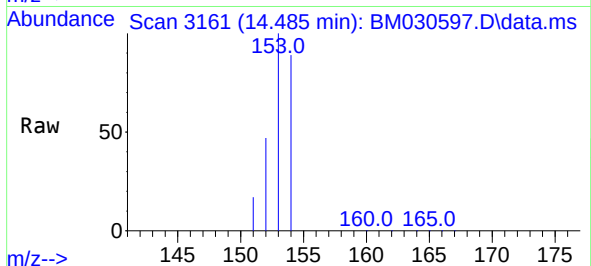
Tgt Ion:152 Resp: 125639
Ion Ratio Lower Upper
152 100
151 19.9 15.5 23.3
153 15.1 10.7 16.1





#11
Acenaphthene
Concen: 7.020 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

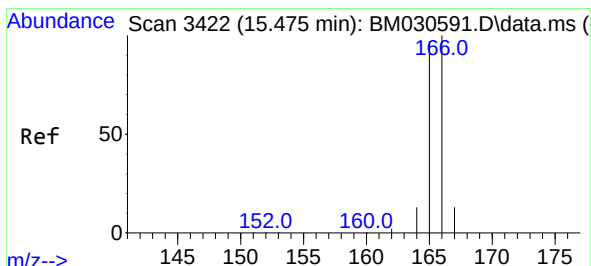
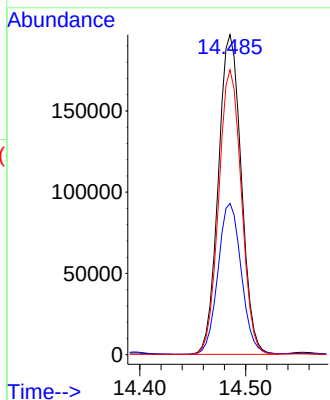
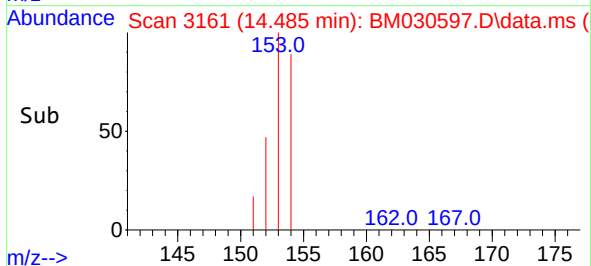
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BNA_M
ClientSampled :
BGDH3



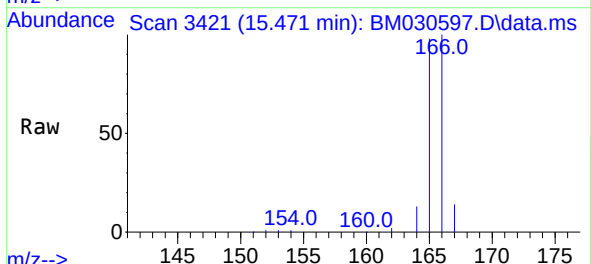
Tgt Ion:153 Resp: 297575
Ion Ratio Lower Upper
153 100
152 47.2 40.2 60.2
154 89.0 71.2 106.8

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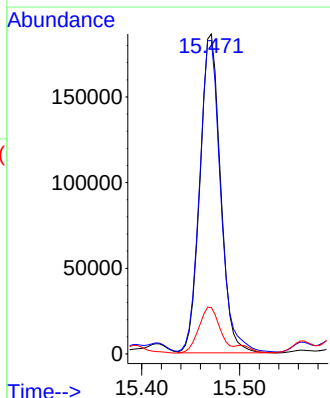
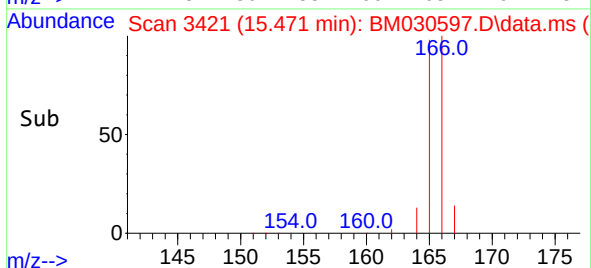
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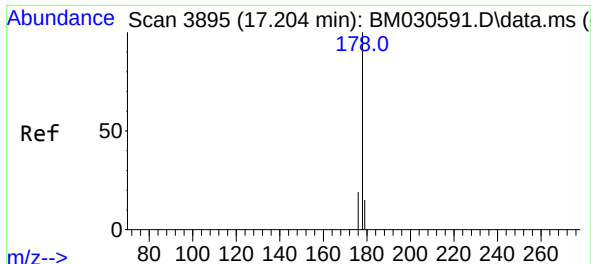


#12
Fluorene
Concen: 5.782 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

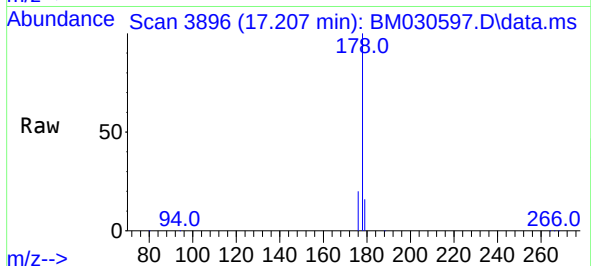


Tgt Ion:166 Resp: 271435
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 14.5 11.3 16.9

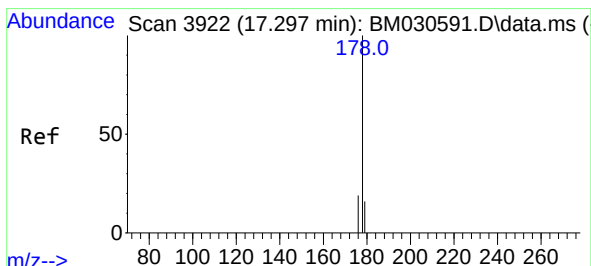
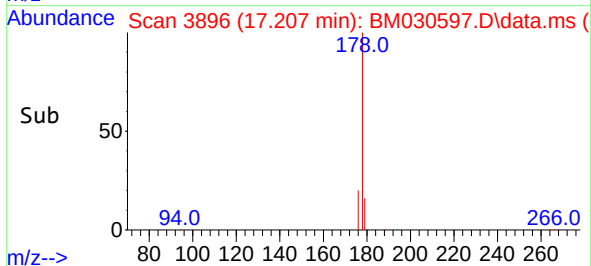
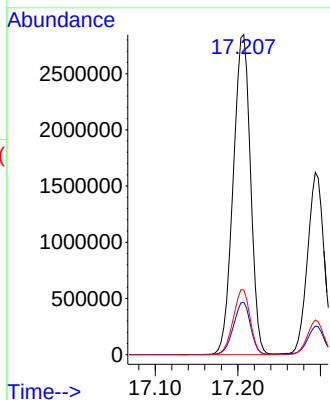




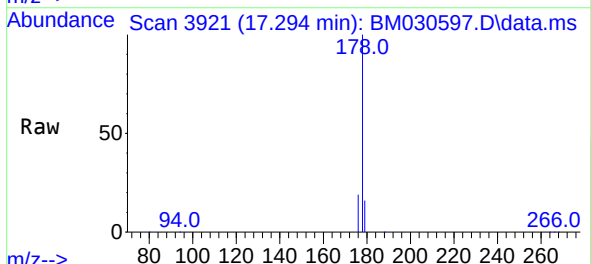
#15
Phenanthrene
Concen: 57.944 ng/u1
RT: 17.207 min Scan# 3896
Delta R.T. 0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



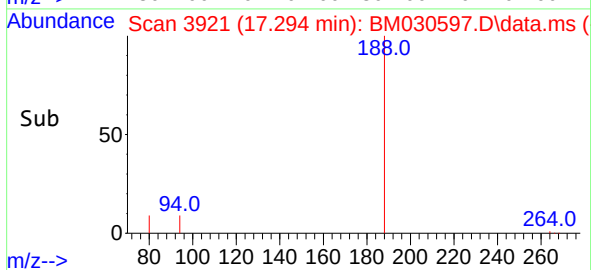
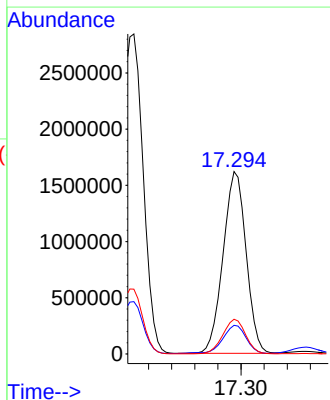
Tgt Ion:178 Resp: 4135374
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.3 15.5 23.3



#16
Anthracene
Concen: 35.832 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.003 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



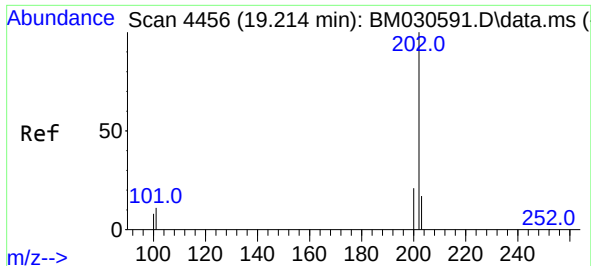
Tgt Ion:178 Resp: 2240370
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.2 22.8



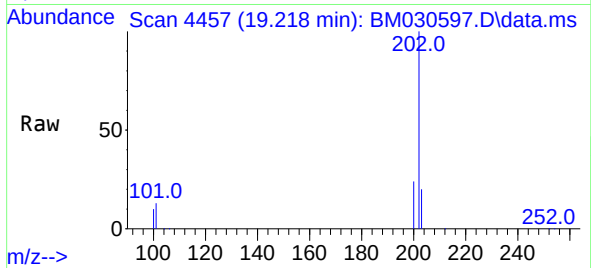
Instrument :
BNA_M
ClientSampled :
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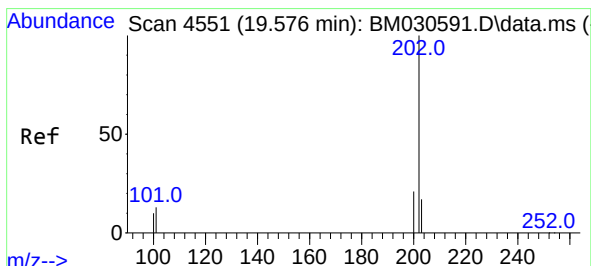
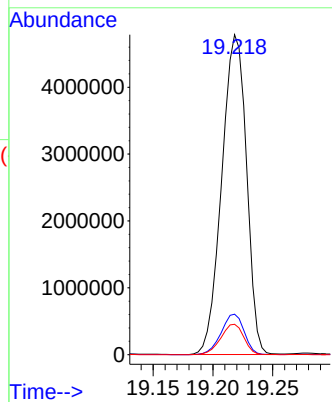
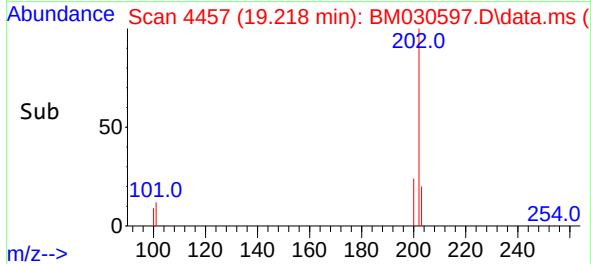
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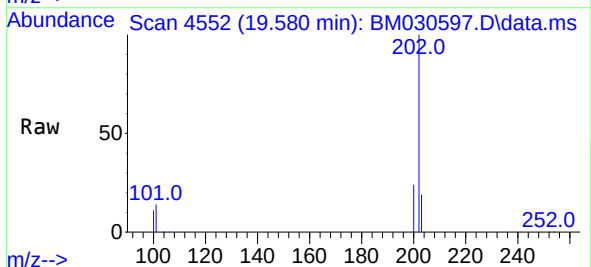
#19
Fluoranthene
Concen: 105.883 ng/u1
RT: 19.218 min Scan# 4457
Delta R.T. 0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



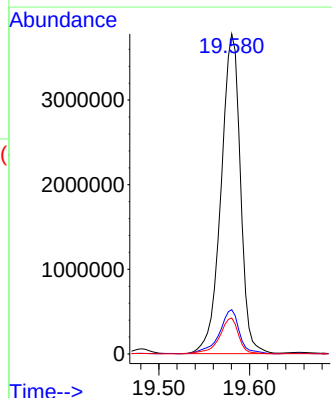
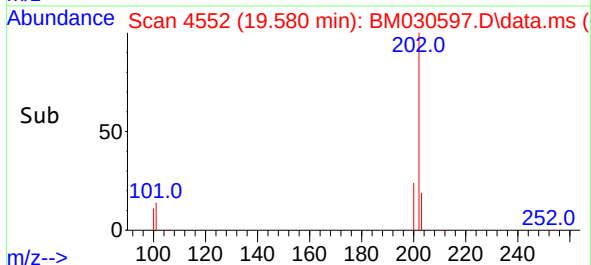
Tgt Ion:202 Resp: 6896098
Ion Ratio Lower Upper
202 100
101 12.7 8.8 13.2
100 9.5 6.9 10.3



#20
Pyrene
Concen: 83.793 ng/u1
RT: 19.580 min Scan# 4552
Delta R.T. 0.004 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



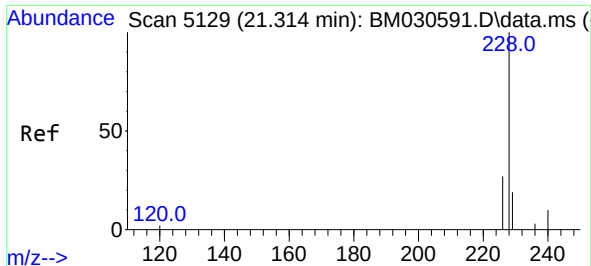
Tgt Ion:202 Resp: 5590989
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 11.2 8.2 12.2



Instrument :
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ClientSampled :
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Manual Integrations
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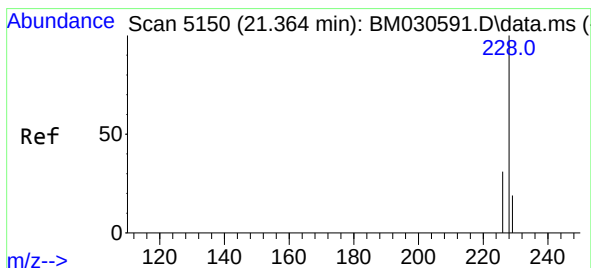
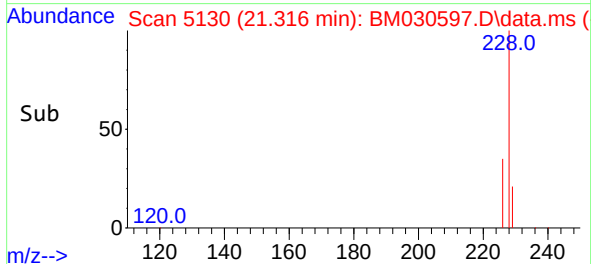
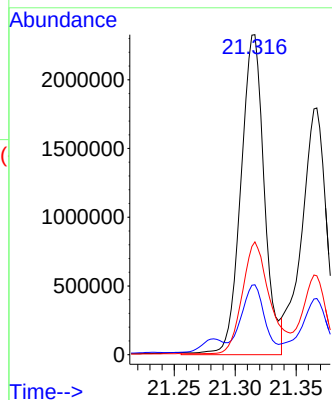
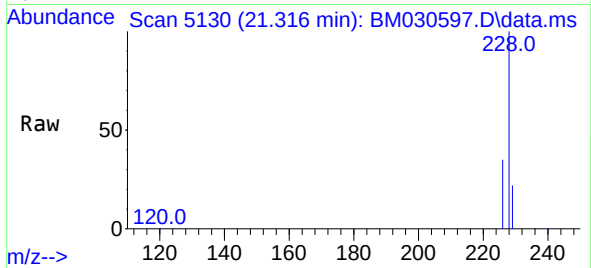
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Benzo(a)anthracene
Concen: 55.416 ng/ul m
RT: 21.316 min Scan# 5130
Delta R.T. 0.003 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

Tgt Ion:228 Resp: 3118633
Ion Ratio Lower Upper
228 100
229 21.8 15.8 23.6
226 35.3 22.2 33.4#

Instrument :
BNA_M
ClientSampled :
BGDH3

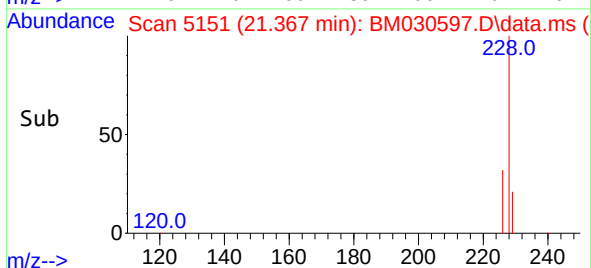
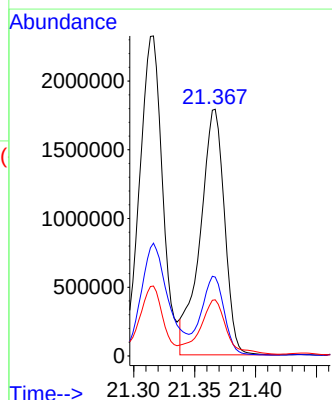
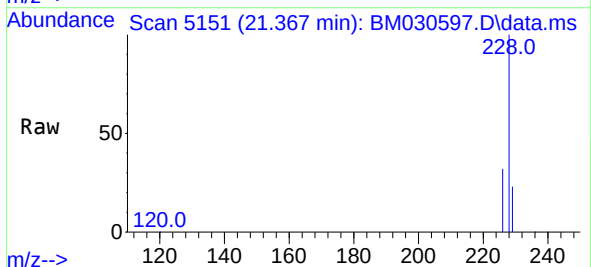
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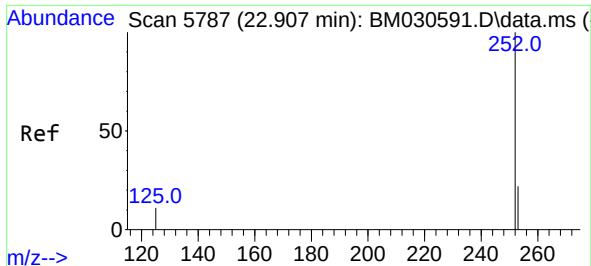
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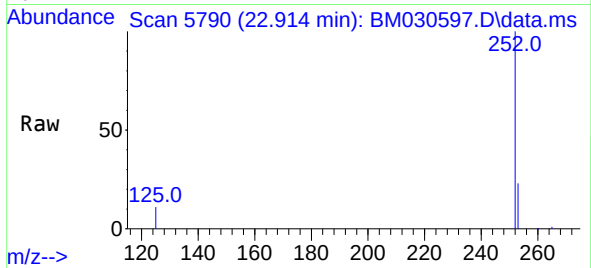
#22
Chrysene
Concen: 39.688 ng/ul
RT: 21.367 min Scan# 5151
Delta R.T. 0.003 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

Tgt Ion:228 Resp: 2479492
Ion Ratio Lower Upper
228 100
226 32.0 24.4 36.6
229 22.8 15.4 23.0

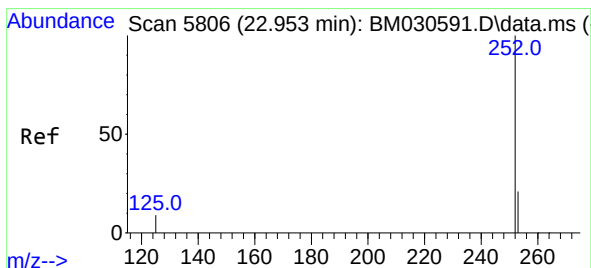
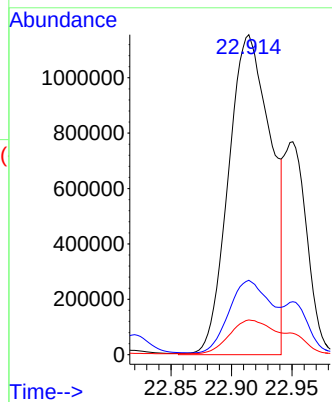
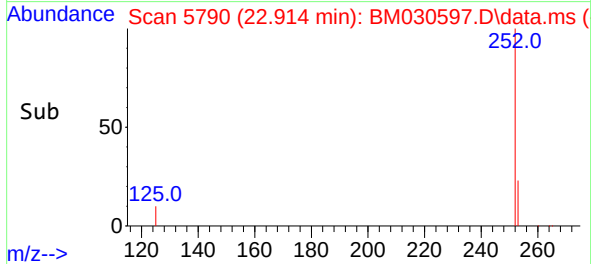




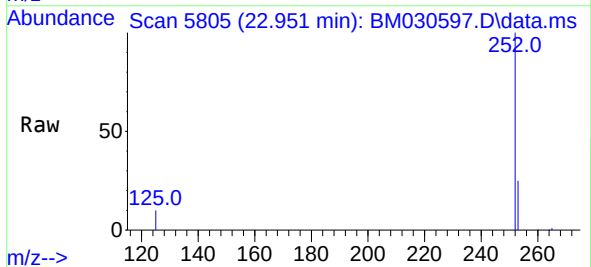
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Benzo(b)fluoranthene
Concen: 44.692 ng/ul m
RT: 22.914 min Scan# 5790
Delta R.T. 0.007 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



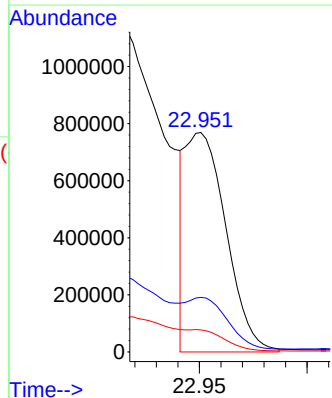
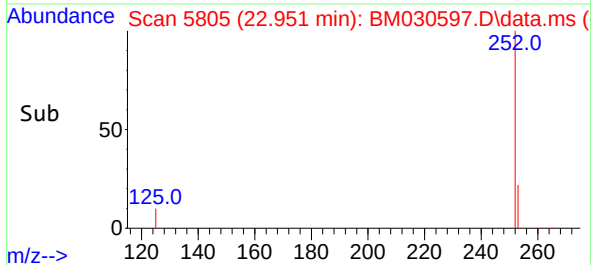
Tgt Ion:252 Resp: 2823974
Ion Ratio Lower Upper
252 100
253 23.3 0.0 50.2
125 10.9 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 15.268 ng/ul m
RT: 22.951 min Scan# 5805
Delta R.T. -0.002 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



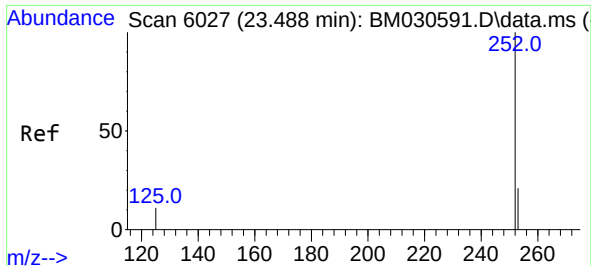
Tgt Ion:252 Resp: 1011868
Ion Ratio Lower Upper
252 100
253 24.8 20.6 31.0
125 10.1 11.0 16.4#



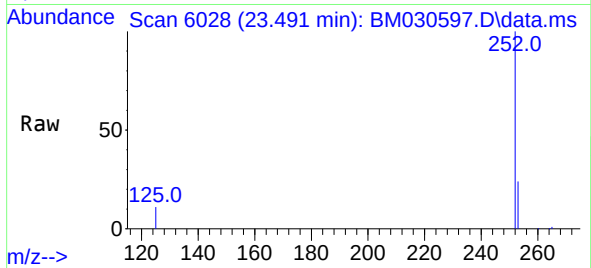
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BNA_M
ClientSampled :
BGDH3

Manual Integrations
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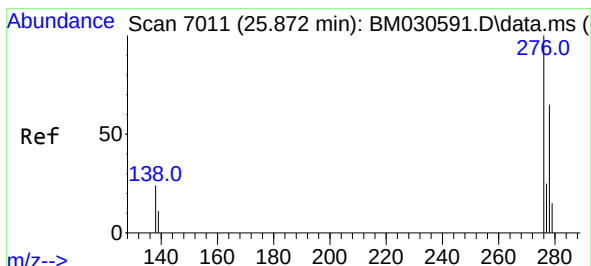
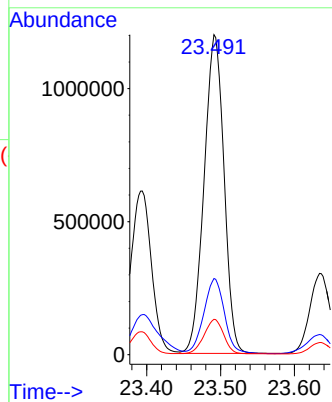
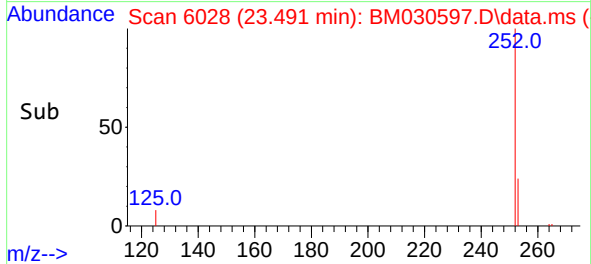
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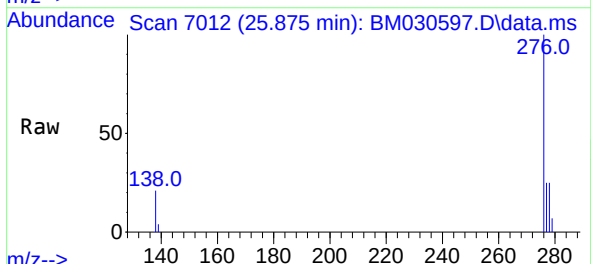
#26
Benzo(a)pyrene
Concen: 40.089 ng/ul
RT: 23.491 min Scan# 6028
Delta R.T. 0.003 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



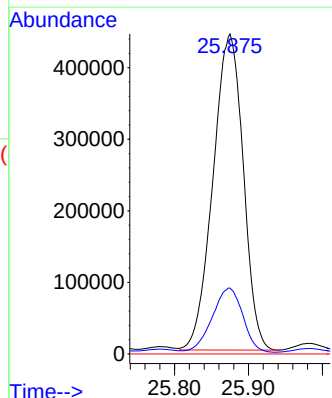
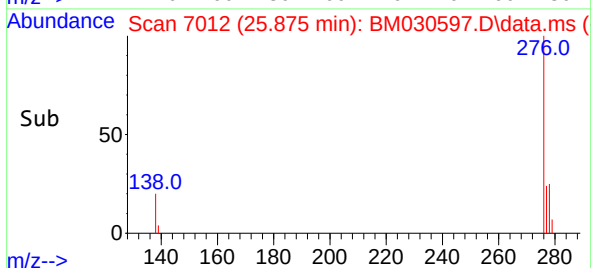
Tgt Ion:252 Resp: 2247955
Ion Ratio Lower Upper
252 100
253 23.8 22.0 33.0
125 11.1 13.4 20.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 17.619 ng/ul
RT: 25.875 min Scan# 7012
Delta R.T. 0.003 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18



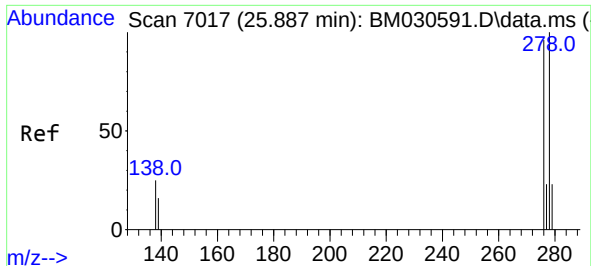
Tgt Ion:276 Resp: 1256272
Ion Ratio Lower Upper
276 100
138 20.4 19.1 28.7
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampled :
BGDH3

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6/28/2021 1:11:21 PM



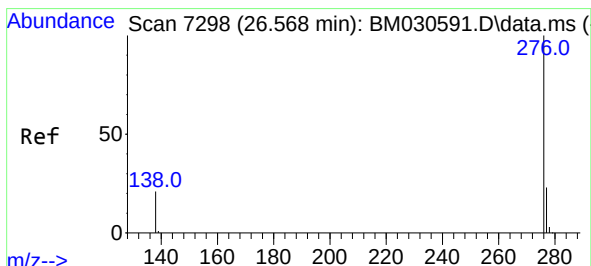
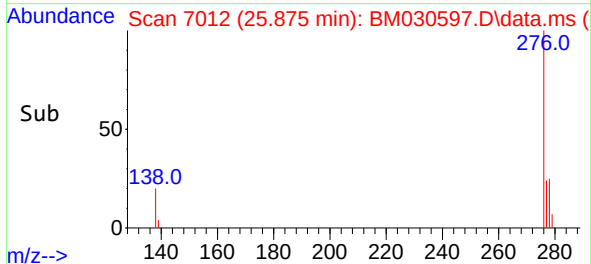
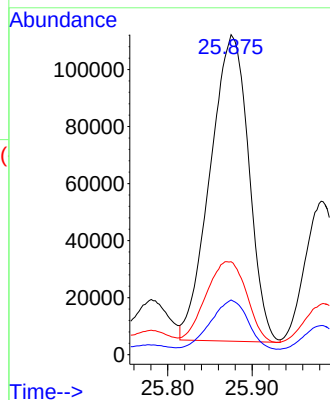
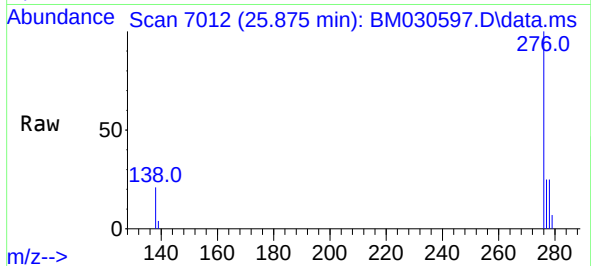
#28
Dibenzo(a,h)anthracene
Concen: 5.990 ng/ul
RT: 25.875 min Scan# 7012
Delta R.T. -0.012 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

Tgt Ion:278 Resp: 340637
Ion Ratio Lower Upper
278 100
139 17.1 14.2 21.4
279 29.1 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDH3

Manual Integrations
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6/28/2021 1:11:21 PM



#29
Benzo(g,h,i)perylene
Concen: 15.849 ng/ul
RT: 26.575 min Scan# 7301
Delta R.T. 0.007 min
Lab File: BM030597.D
Acq: 25 Jun 2021 12:18

Tgt Ion:276 Resp: 976351
Ion Ratio Lower Upper
276 100
138 20.6 18.0 27.0
277 24.2 19.5 29.3

