

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030911.D
 Acq On : 09 Jul 2021 07:50
 Operator : CG/JU
 Sample : M2877-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE06

Manual Integrations
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Quant Time: Jul 09 08:29:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	2737	0.400	ng/ul	0.00
4) Naphthalene-d8	10.545	136	10834	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.391	164	6054	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.127	188	9966	0.400	ng/ul	-0.02
17) Chrysene-d12	21.299	240	6809	0.400	ng/ul	-0.02
23) Perylene-d12	23.542	264	7365	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	4607	1.545	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	3013	0.177	ng/ul	0.00
18) Fluoranthene-d10	19.150	212	5158	0.264	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.590	128	2039	0.066	ng/ul#	91
10) Acenaphthylene	14.110	152	2921	0.108	ng/ul#	92
11) Acenaphthene	14.451	153	2002	0.091	ng/ul	97
12) Fluorene	15.437	166	3335	0.138	ng/ul#	98
15) Phenanthrene	17.169	178	45537	1.359	ng/ul	100
16) Anthracene	17.259	178	21644	0.738	ng/ul	99
19) Fluoranthene	19.184	202	126904	4.223	ng/ul	97
20) Pyrene	19.542	202	94322	3.121	ng/ul	100
21) Benzo(a)anthracene	21.285	228	61190	2.254	ng/ul	97
22) Chrysene	21.336	228	53639	1.764	ng/ul	97
24) Benzo(b)fluoranthene	22.868	252	59105m	1.812	ng/ul	
25) Benzo(k)fluoranthene	22.907	252	24941m	0.742	ng/ul	
26) Benzo(a)pyrene	23.443	252	34829	1.255	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.810	276	22971	0.636	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.814	278	6940	0.239	ng/ul#	87
29) Benzo(g,h,i)perylene	26.507	276	1557	0.050	ng/ul#	69

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

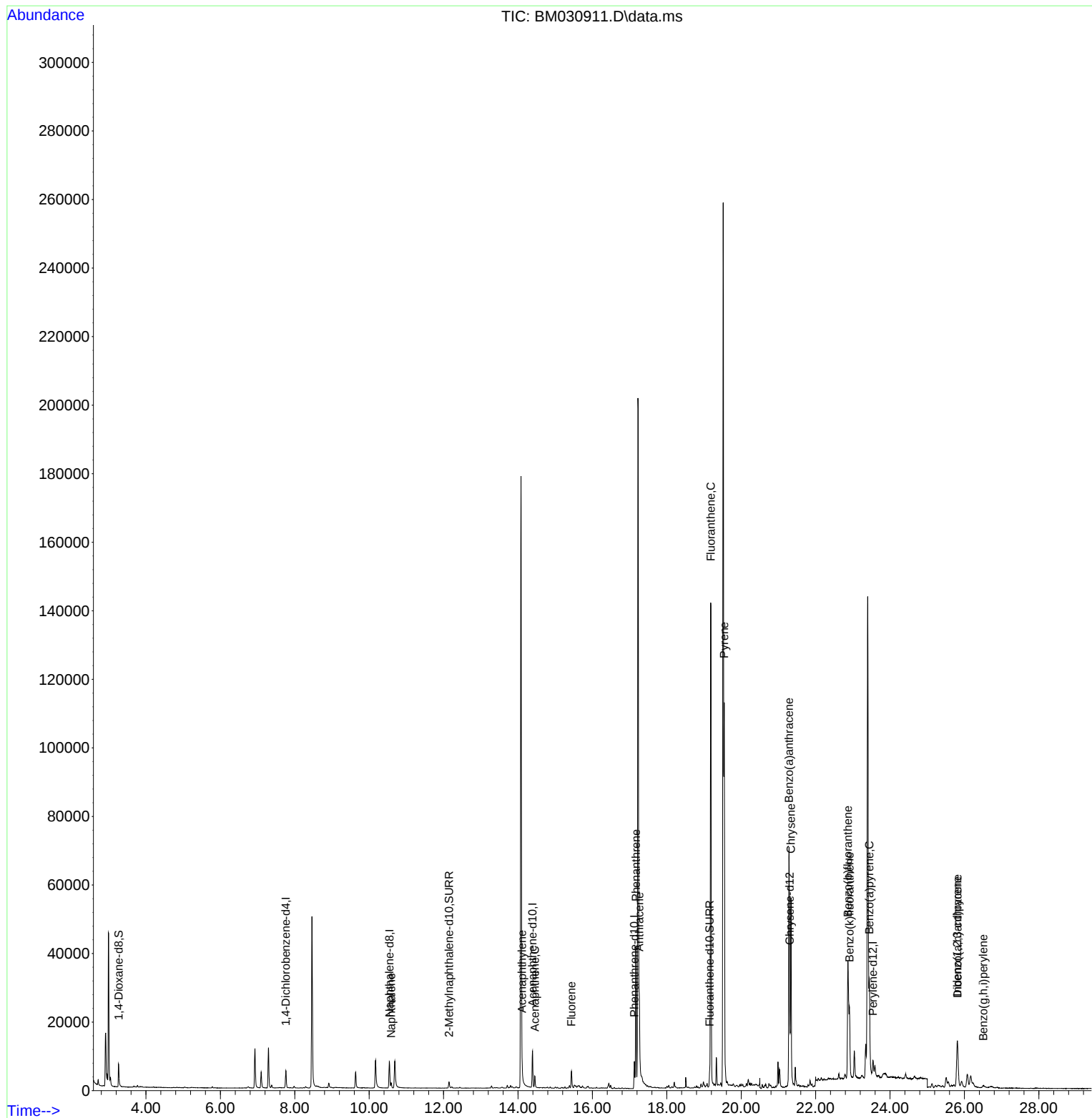
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Data File : BM030911.D
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ALS Vial : 34 Sample Multiplier: 1

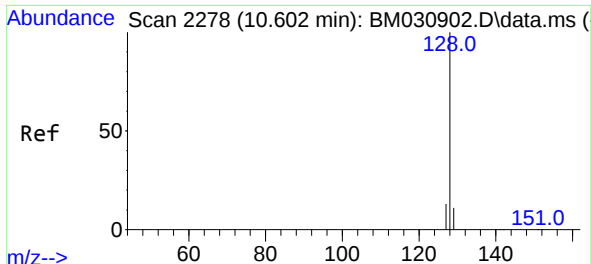
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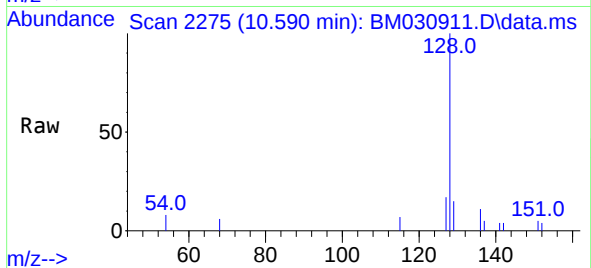
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Quant Time: Jul 09 08:29:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

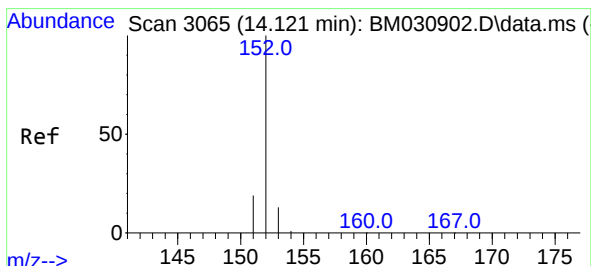
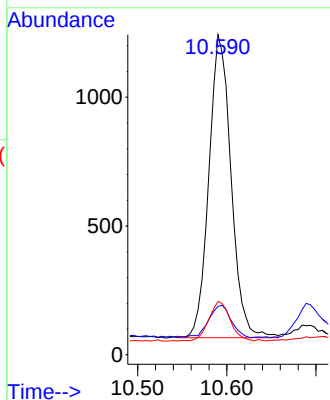
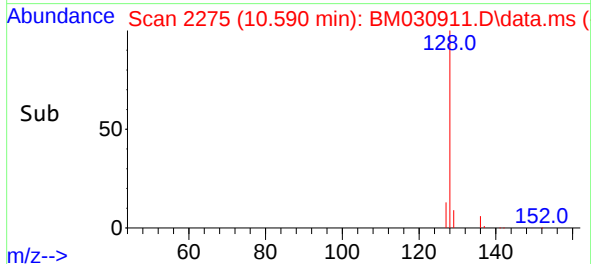




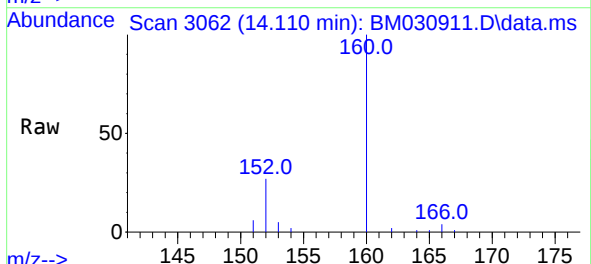
#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.590 min Scan# 2275
Delta R.T. -0.013 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



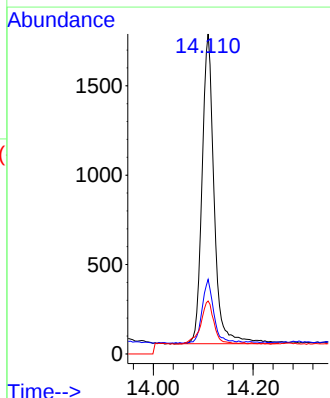
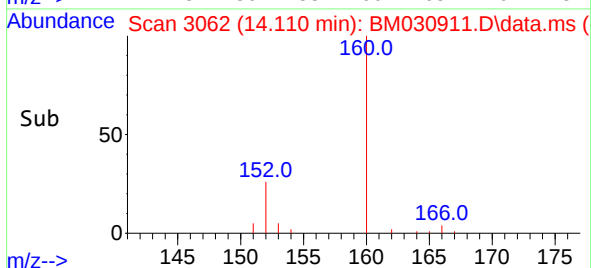
Tgt Ion:128 Resp: 2039
Ion Ratio Lower Upper
128 100
129 15.1 9.0 13.6#
127 16.7 10.9 16.3#



#10
Acenaphthylene
Concen: 0.108 ng/ul
RT: 14.110 min Scan# 3062
Delta R.T. -0.015 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



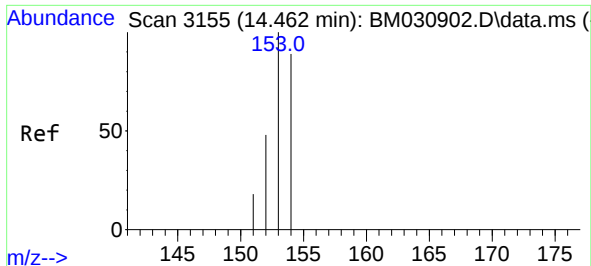
Tgt Ion:152 Resp: 2921
Ion Ratio Lower Upper
152 100
151 23.3 15.5 23.3#
153 16.5 10.7 16.1#



Instrument :
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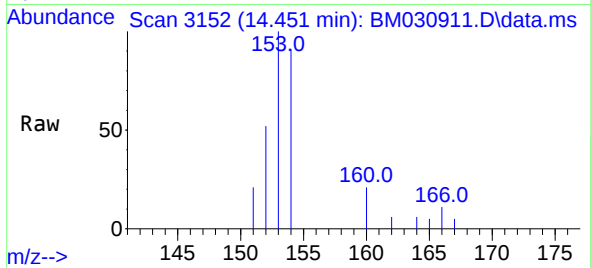
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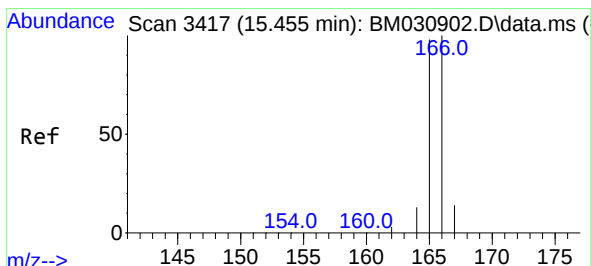
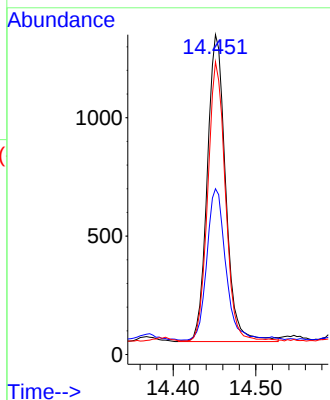
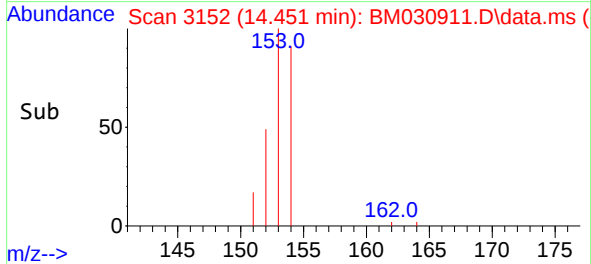


#11
Acenaphthene
Concen: 0.091 ng/ul
RT: 14.451 min Scan# 3152
Delta R.T. -0.015 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

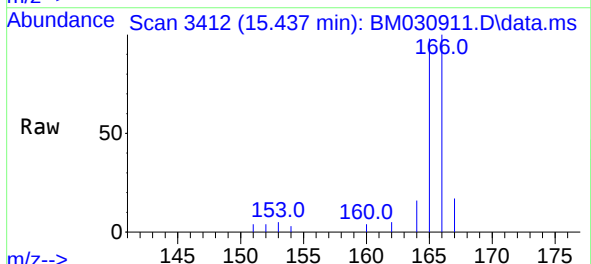
Instrument :
BNA_M
ClientSampled :
BGE06



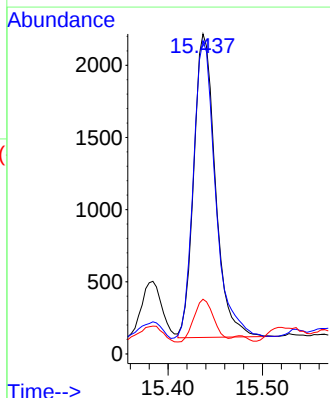
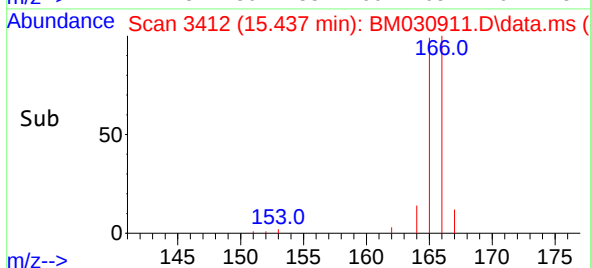
Tgt Ion:153 Resp: 2002
Ion Ratio Lower Upper
153 100
152 51.8 40.2 60.2
154 91.5 71.2 106.8

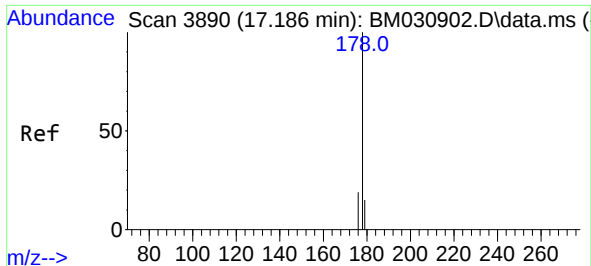


#12
Fluorene
Concen: 0.138 ng/ul
RT: 15.437 min Scan# 3412
Delta R.T. -0.026 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

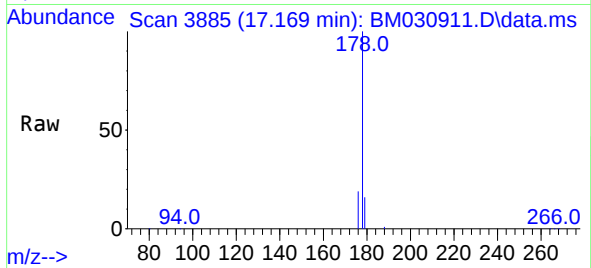


Tgt Ion:166 Resp: 3335
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 17.1 11.3 16.9#

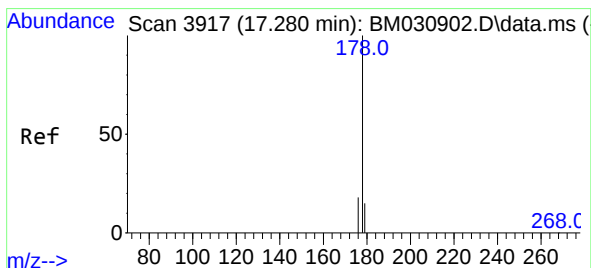
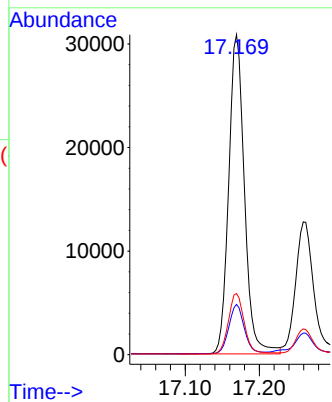
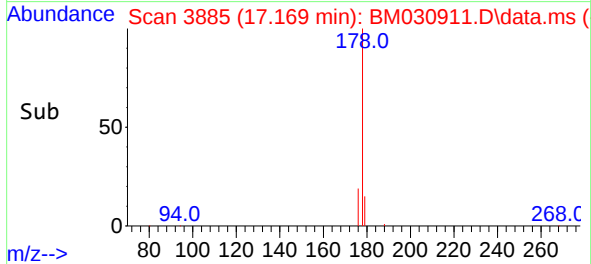




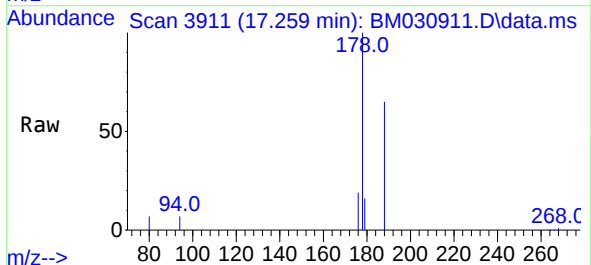
#15
Phenanthrene
Concen: 1.359 ng/ul
RT: 17.169 min Scan# 3885
Delta R.T. -0.024 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



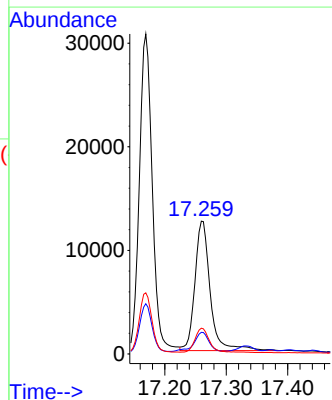
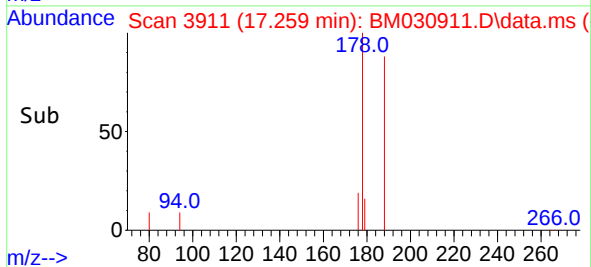
Tgt Ion:178 Resp: 45537
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.1 15.5 23.3



#16
Anthracene
Concen: 0.738 ng/ul
RT: 17.259 min Scan# 3911
Delta R.T. -0.031 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



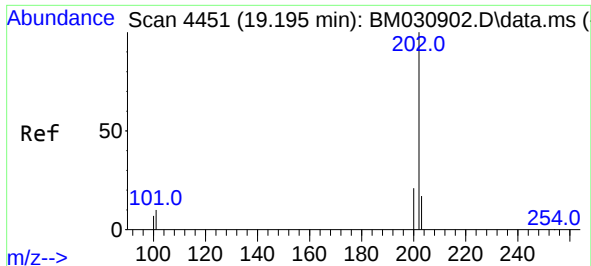
Tgt Ion:178 Resp: 21644
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 19.5 15.2 22.8



Instrument :
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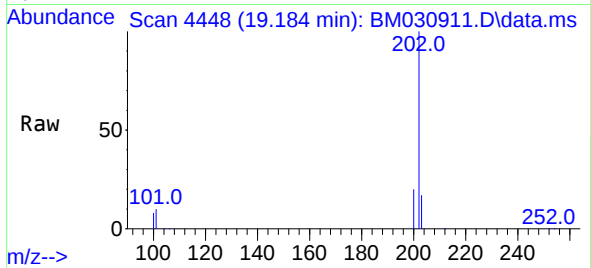
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#19
Fluoranthene
Concen: 4.223 ng/ul
RT: 19.184 min Scan# 4448
Delta R.T. -0.015 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

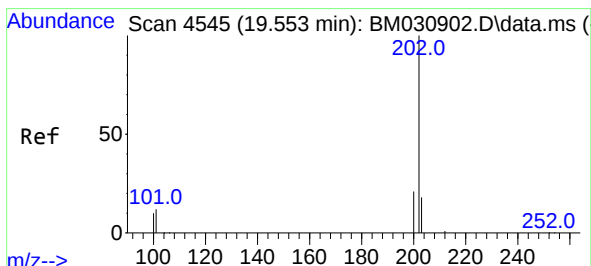
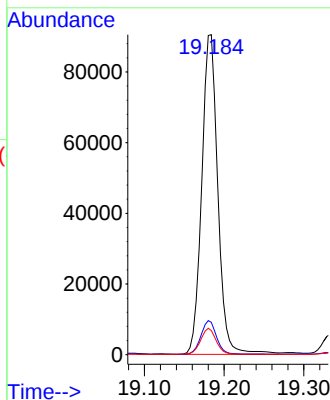
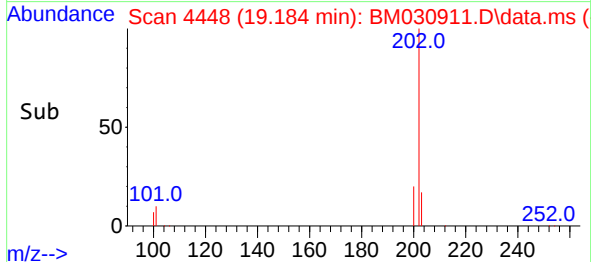
Instrument :
BNA_M
ClientSampled :
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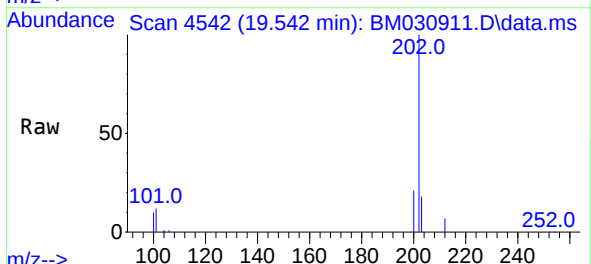
Tgt Ion:202 Resp: 126904
Ion Ratio Lower Upper
202 100
101 10.1 8.8 13.2
100 7.6 6.9 10.3

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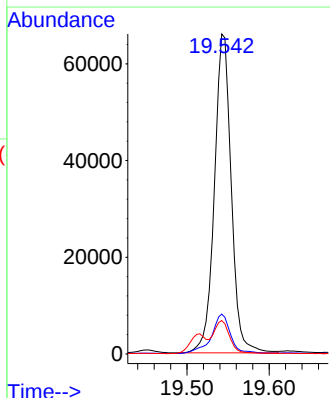
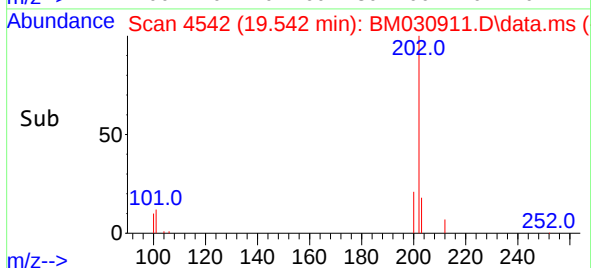
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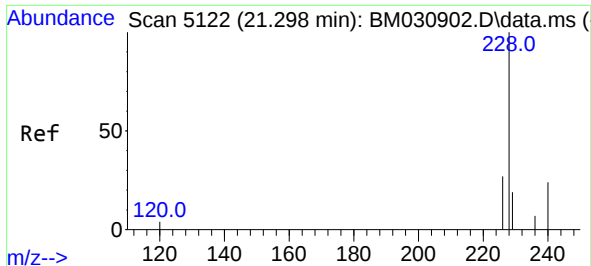


#20
Pyrene
Concen: 3.121 ng/ul
RT: 19.542 min Scan# 4542
Delta R.T. -0.015 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



Tgt Ion:202 Resp: 94322
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 10.4 8.2 12.2





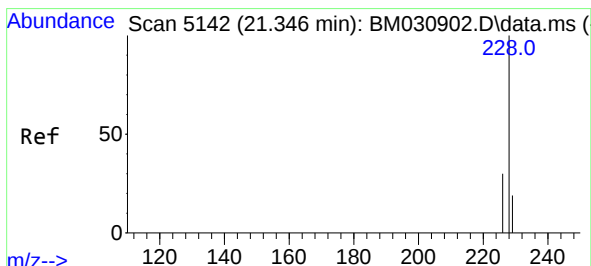
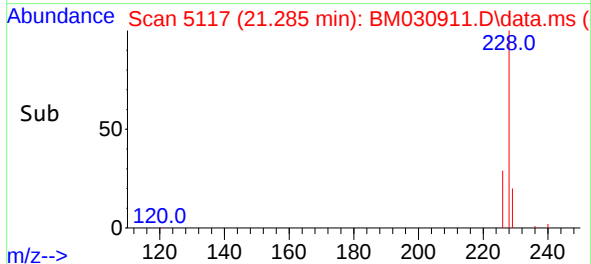
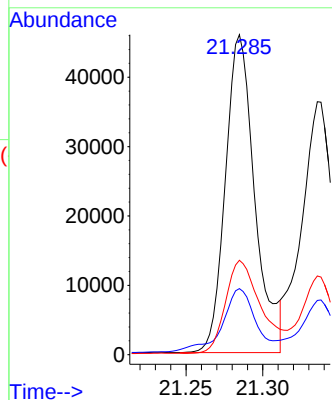
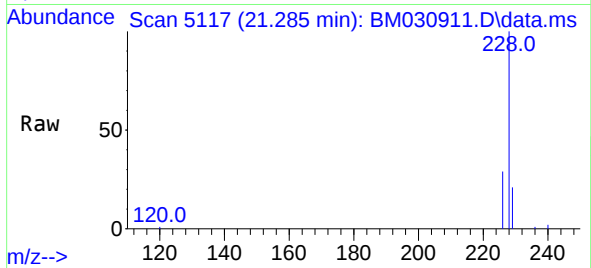
#21
Benzo(a)anthracene
Concen: 2.254 ng/ul
RT: 21.285 min Scan# 5117
Delta R.T. -0.019 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

Tgt Ion:	228	Resp:	61190
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.8	23.6
226	29.5	22.2	33.4

Instrument :
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ClientSampled :
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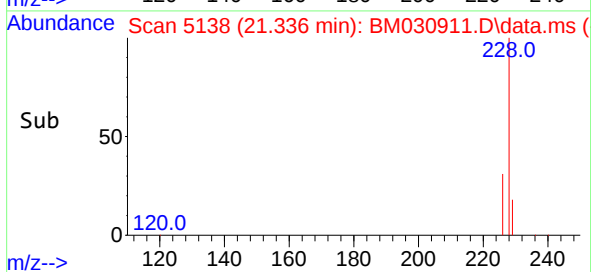
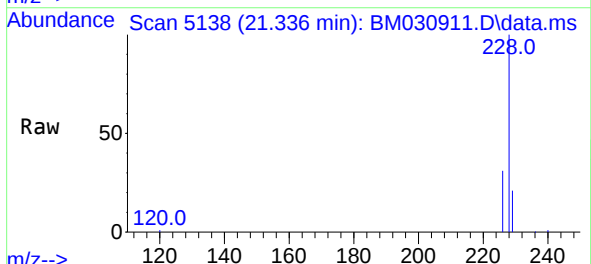
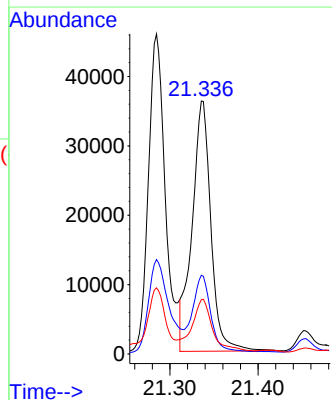
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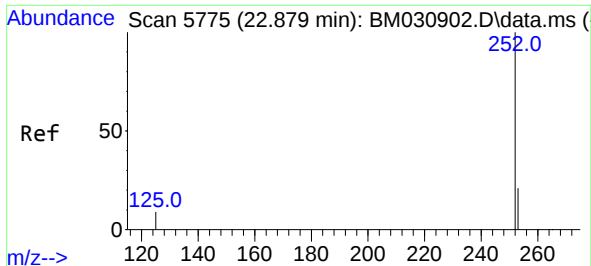
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#22
Chrysene
Concen: 1.764 ng/ul
RT: 21.336 min Scan# 5138
Delta R.T. -0.017 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

Tgt Ion:	228	Resp:	53639
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.4	36.6
229	21.5	15.4	23.0





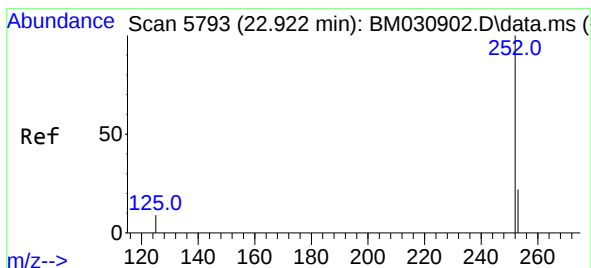
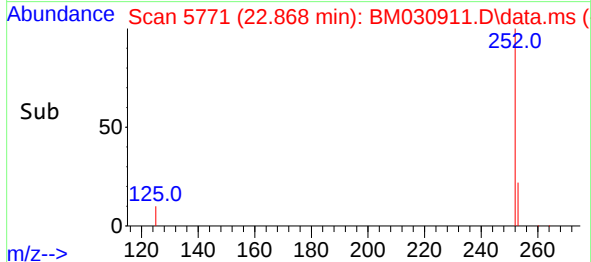
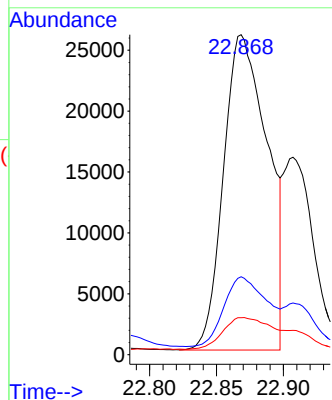
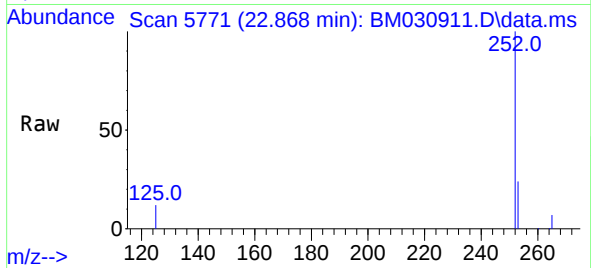
#24
Benzo(b)fluoranthene
Concen: 1.812 ng/ul m
RT: 22.868 min Scan# 5771
Delta R.T. -0.017 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

Tgt Ion:252	Resp:	59105
Ion Ratio	Lower	Upper
252	100	
253	24.3	0.0 50.2
125	11.6	0.0 27.8

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BGE06

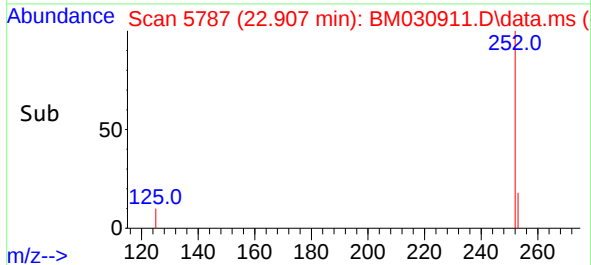
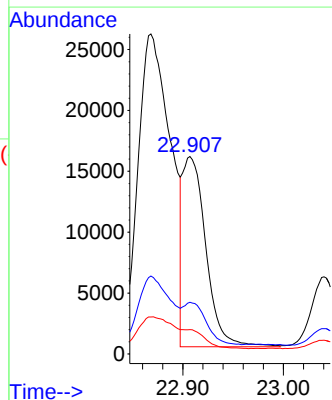
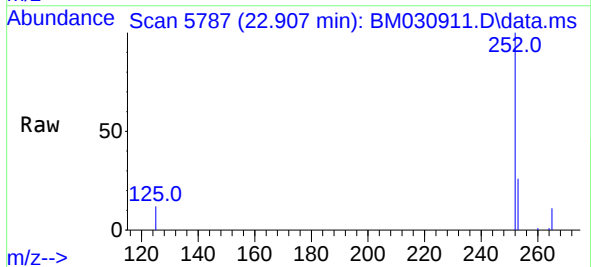
Manual Integrations
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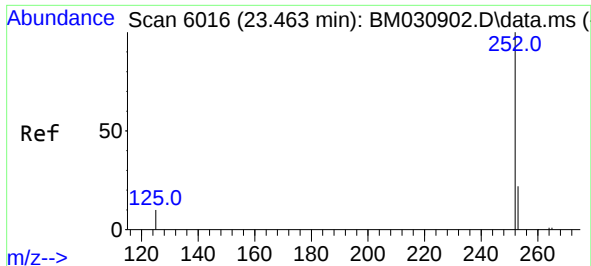
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#25
Benzo(k)fluoranthene
Concen: 0.742 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. -0.024 min
Lab File: BM030911.D
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Tgt Ion:252	Resp:	24941
Ion Ratio	Lower	Upper
252	100	
253	26.2	20.6 31.0
125	12.3	11.0 16.4





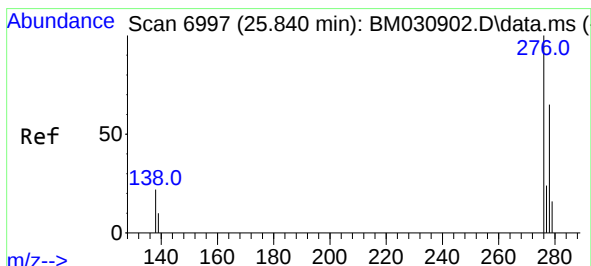
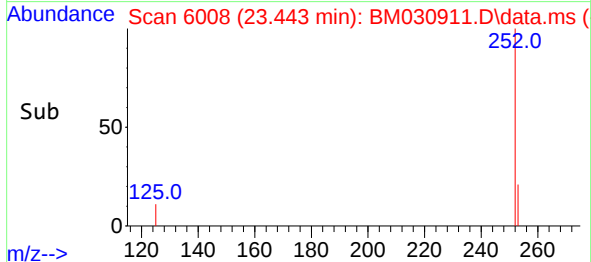
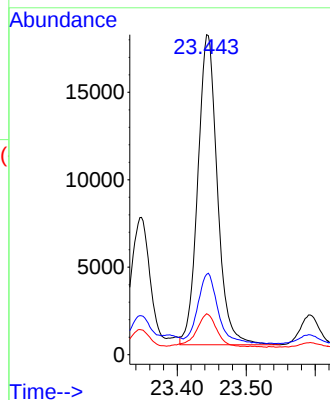
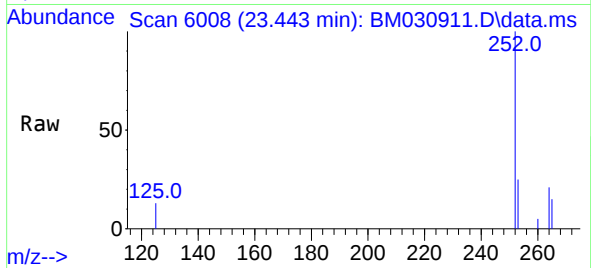
#26
Benzo(a)pyrene
Concen: 1.255 ng/ul
RT: 23.443 min Scan# 6008
Delta R.T. -0.027 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

Tgt Ion:	252	Resp:	34829
Ion Ratio	Lower	Upper	
252	100		
253	25.1	22.0	33.0
125	12.8	13.4	20.2#

Instrument :
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ClientSampleId :
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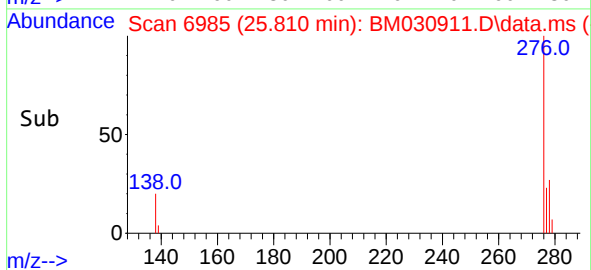
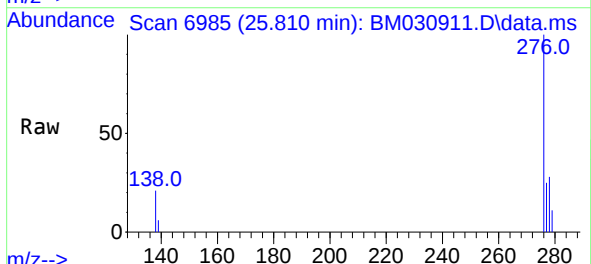
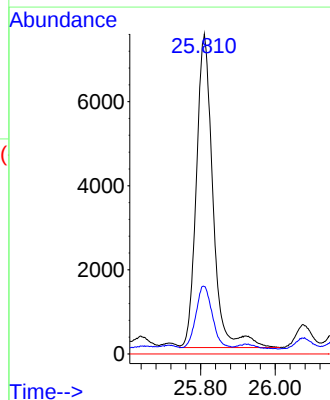
Manual Integrations
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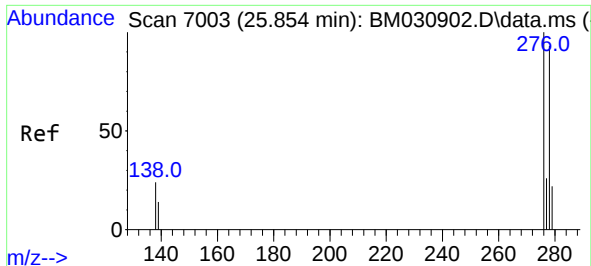
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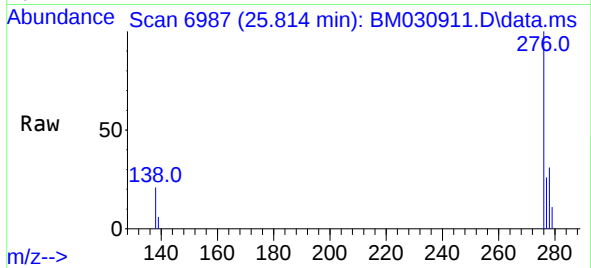
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.636 ng/ul
RT: 25.810 min Scan# 6985
Delta R.T. -0.044 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50

Tgt Ion:	276	Resp:	22971
Ion Ratio	Lower	Upper	
276	100		
138	19.3	19.1	28.7
227	0.0	0.0	0.0

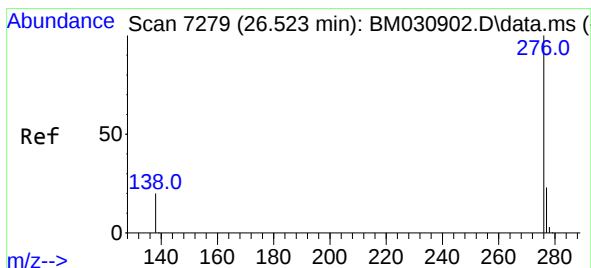
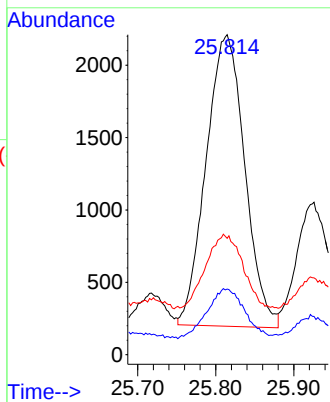
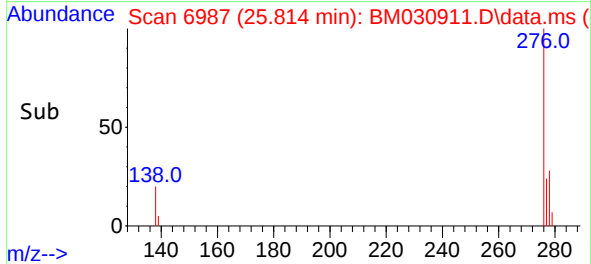




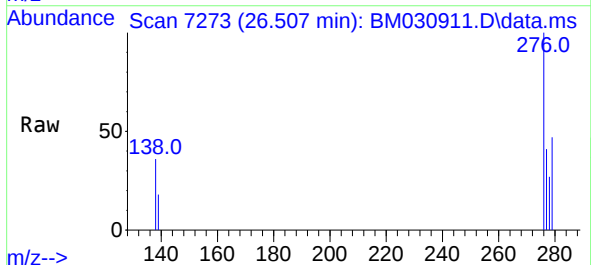
#28
Dibenzo(a,h)anthracene
Concen: 0.239 ng/ul
RT: 25.814 min Scan# 6987
Delta R.T. -0.053 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



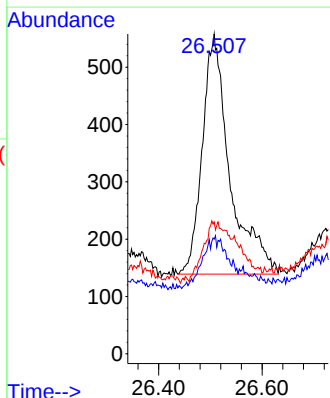
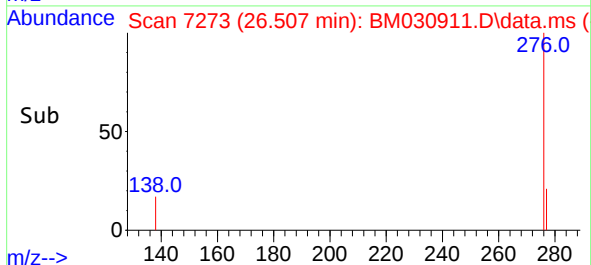
Tgt Ion: 278 Resp: 6940
Ion Ratio Lower Upper
278 100
139 20.5 14.2 21.4
279 36.4 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.050 ng/ul
RT: 26.507 min Scan# 7273
Delta R.T. -0.031 min
Lab File: BM030911.D
Acq: 09 Jul 2021 07:50



Tgt Ion: 276 Resp: 1557
Ion Ratio Lower Upper
276 100
138 35.8 18.0 27.0#
277 41.2 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGE06

Manual Integrations
APPROVED

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