

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030931.D
 Acq On : 13 Jul 2021 15:22
 Operator : CG/JU
 Sample : M2878-07
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ8

Manual Integrations
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Quant Time: Jul 13 15:52:32 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	811	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	2853	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	2036	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.048	188	4477	0.400	ng/ul	0.00
17) Chrysene-d12	21.236	240	4262	0.400	ng/ul	0.00
23) Perylene-d12	23.433	264	4179	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	1995	2.392	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.029	152	1016	0.205	ng/ul	0.00
18) Fluoranthene-d10	19.077	212	2952	0.206	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.487	128	1847	0.217	ng/ul	96
7) 2-Methylnaphthalene	12.106	142	319	0.053	ng/ul	96
8) 1-Methylnaphthalene	12.326	142	151	0.026	ng/ul	98
10) Acenaphthylene	14.019	152	1454	0.146	ng/ul#	92
11) Acenaphthene	14.364	153	1626	0.226	ng/ul	97
12) Fluorene	15.354	166	1318	0.154	ng/ul#	97
15) Phenanthrene	17.086	178	20121	1.432	ng/ul	97
16) Anthracene	17.180	178	9710	0.721	ng/ul	98
19) Fluoranthene	19.108	202	82117	4.374	ng/ul	96
20) Pyrene	19.470	202	55873	2.943	ng/ul	98
21) Benzo(a)anthracene	21.219	228	50497	2.742	ng/ul	96
22) Chrysene	21.270	228	41167	2.164	ng/ul	98
24) Benzo(b)fluoranthene	22.779	252	52599m	2.602	ng/ul	
25) Benzo(k)fluoranthene	22.815	252	22786m	1.121	ng/ul	
26) Benzo(a)pyrene	23.334	252	23387	1.332	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.616	276	17140	0.720	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.626	278	6570	0.341	ng/ul#	90
29) Benzo(g,h,i)perylene	26.272	276	928	0.046	ng/ul#	43

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

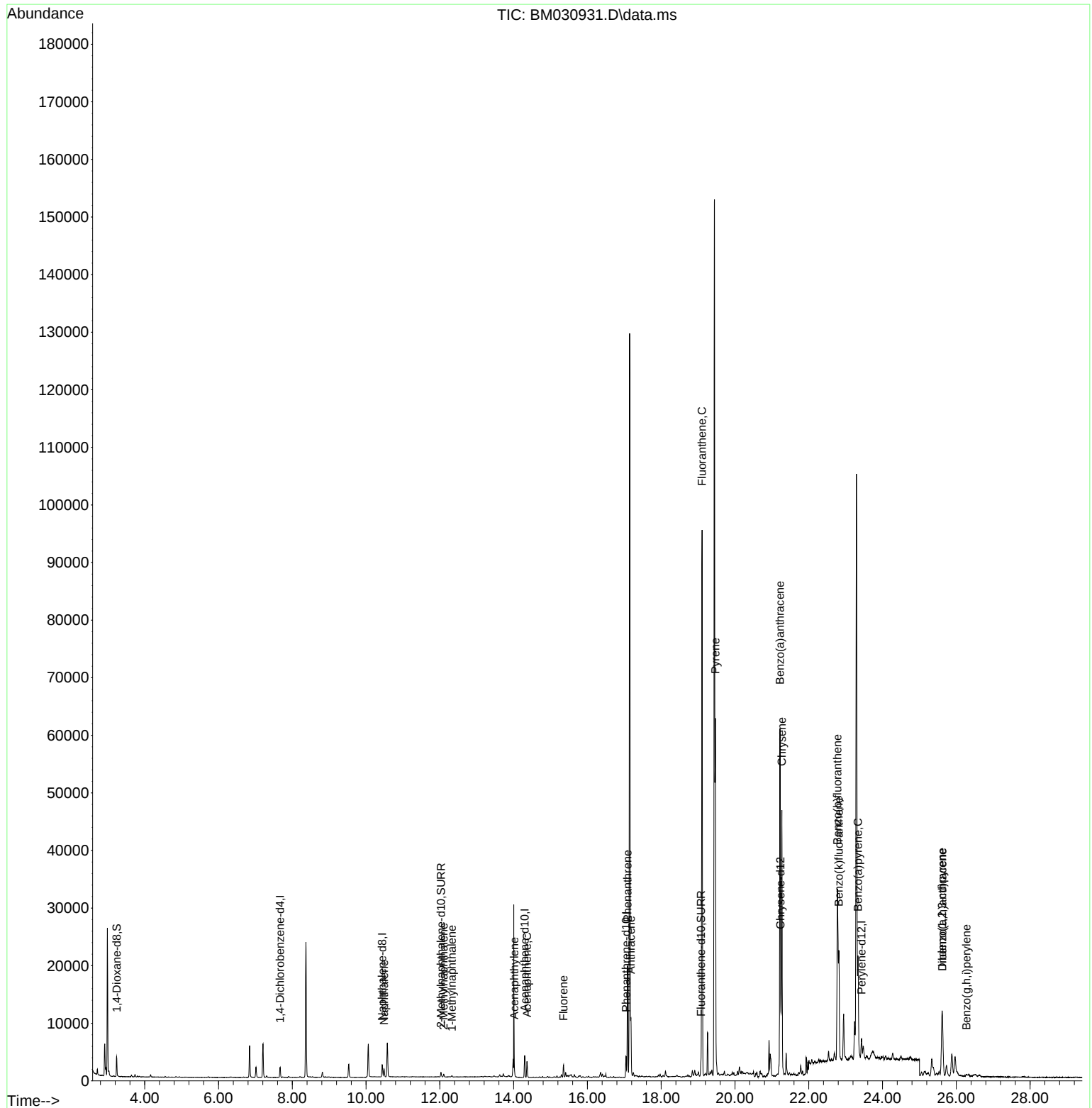
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030931.D
Acq On : 13 Jul 2021 15:22
Operator : CG/JU
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ALS Vial : 4 Sample Multiplier: 1

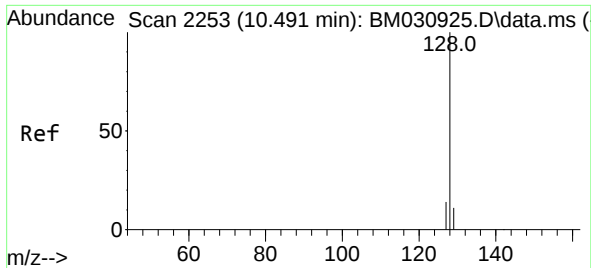
Instrument :
BNA_M
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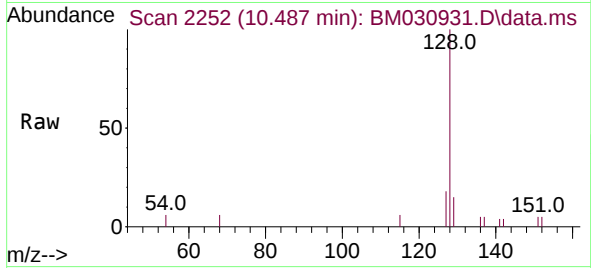
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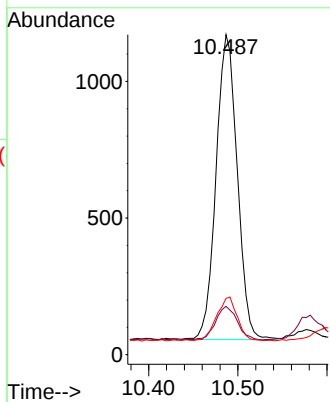
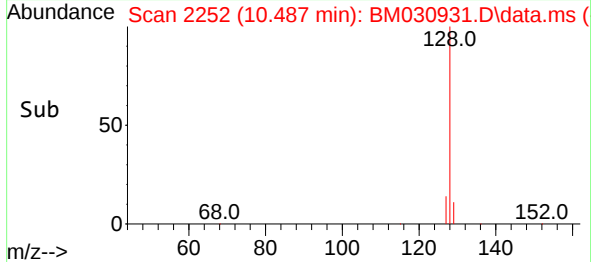




#5
Naphthalene
Concen: 0.217 ng/ul
RT: 10.487 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



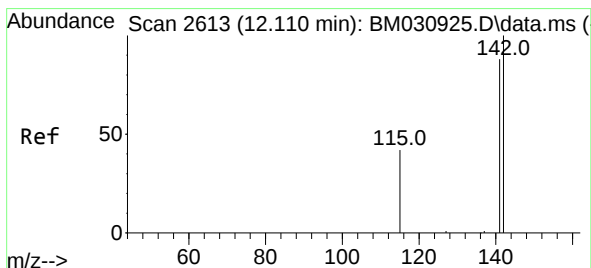
Tgt Ion:	128	Resp:	1847
Ion Ratio	Lower	Upper	
128	100		
129	15.1	10.7	16.1
127	17.6	12.7	19.1



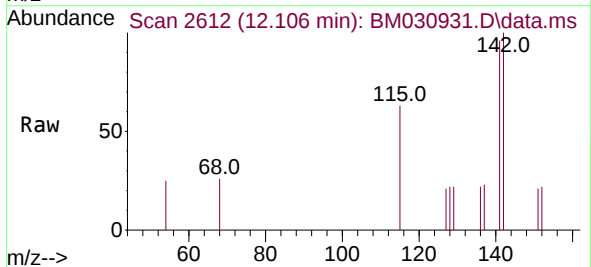
Instrument :
BNA_M
ClientSampled :
BGDZ8

Manual Integrations
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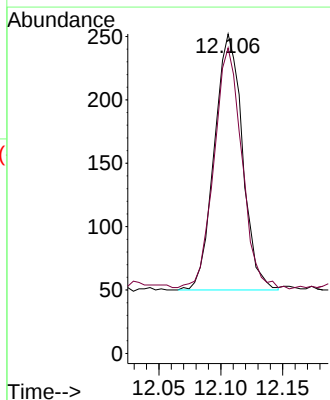
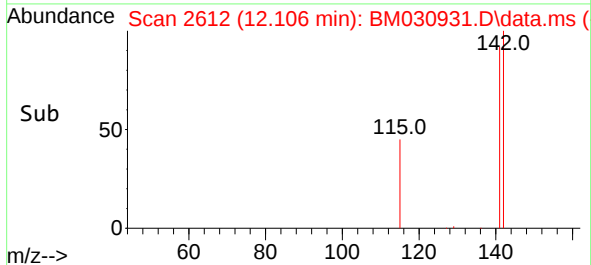
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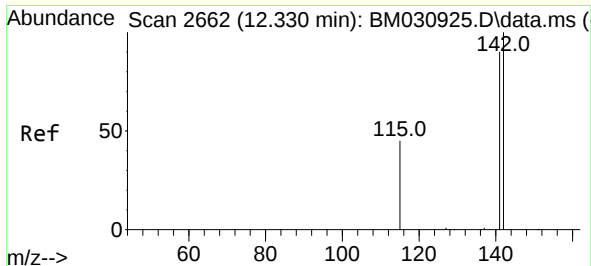


#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.004 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



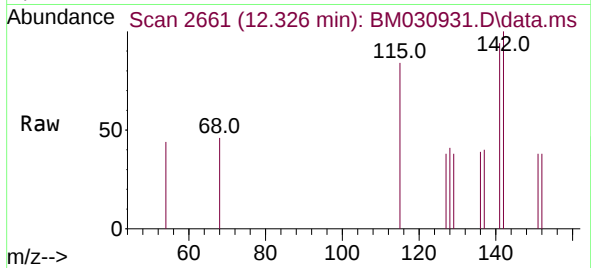
Tgt Ion:	142	Resp:	319
Ion Ratio	Lower	Upper	
142	100		
141	93.1	71.8	107.8





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.326 min Scan# 2661
Delta R.T. -0.004 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

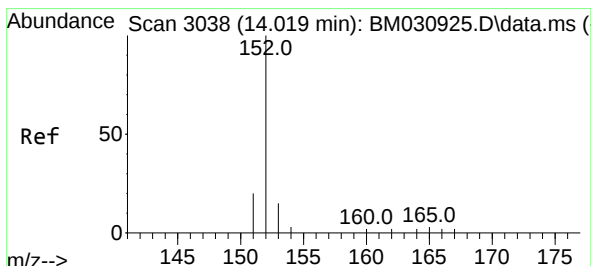
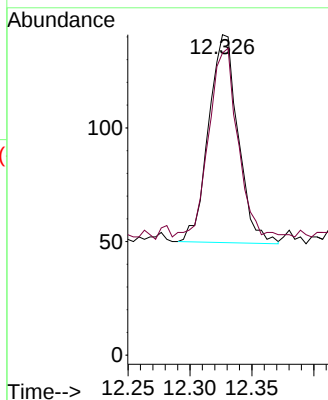
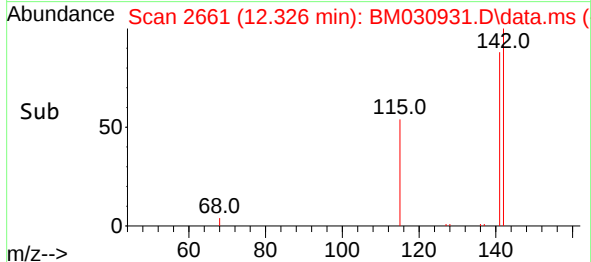
Instrument :
BNA_M
ClientSampleId :
BGDZ8



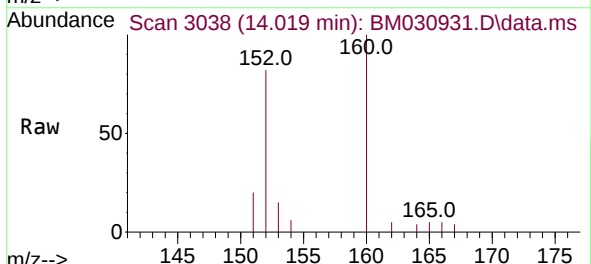
Tgt Ion:142 Resp: 151
Ion Ratio Lower Upper
142 100
141 90.1 73.8 110.8

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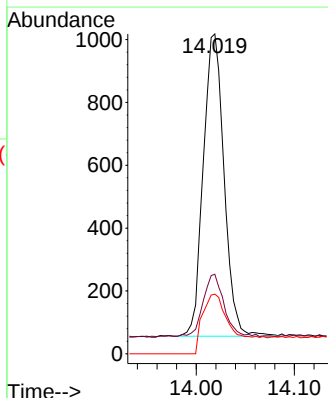
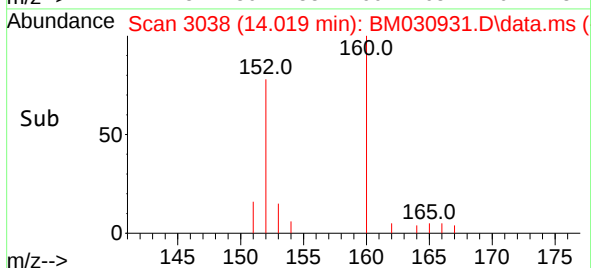
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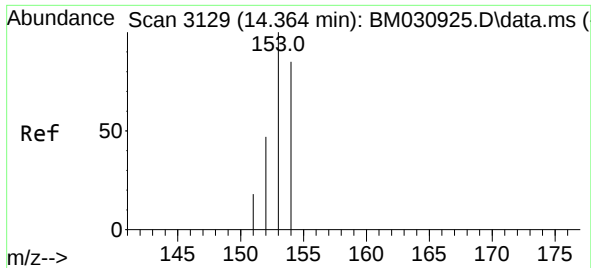


#10
Acenaphthylene
Concen: 0.146 ng/ul
RT: 14.019 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



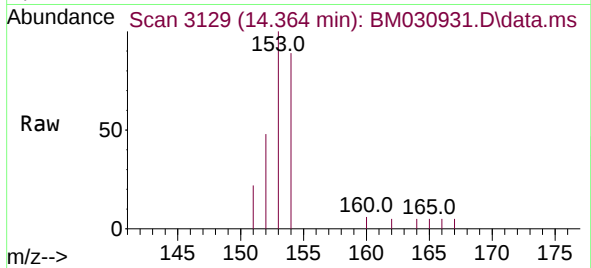
Tgt Ion:152 Resp: 1454
Ion Ratio Lower Upper
152 100
151 24.9 17.2 25.8
153 18.7 12.0 18.0#



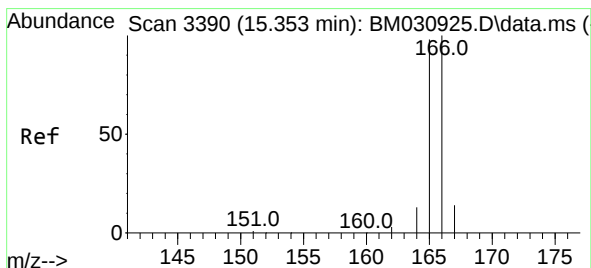
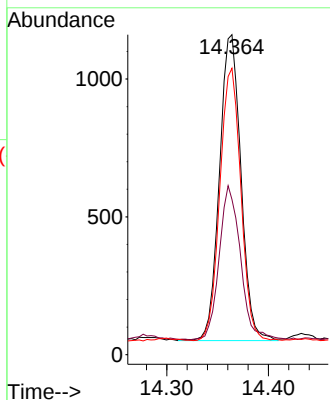
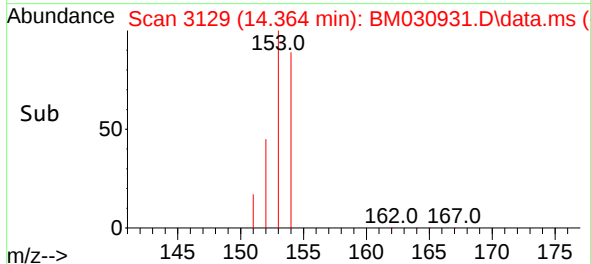


#11
Acenaphthene
Concen: 0.226 ng/ul
RT: 14.364 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

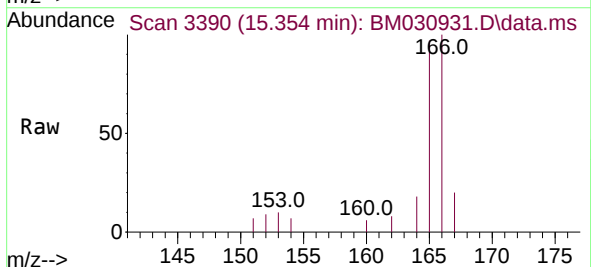
Instrument :
BNA_M
ClientSampleId :
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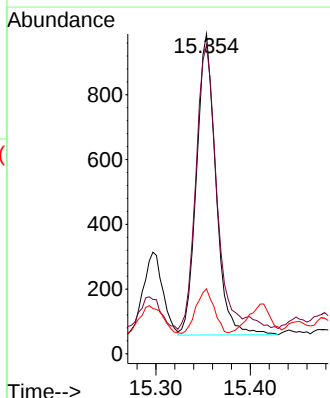
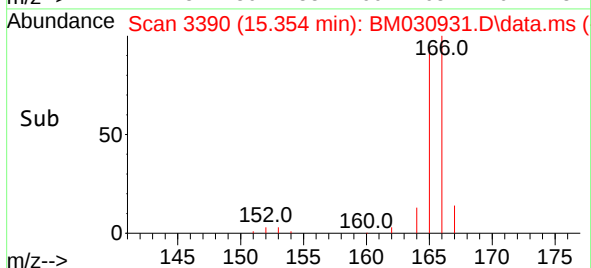
Tgt Ion:153 Resp: 1626
Ion Ratio Lower Upper
153 100
152 48.5 39.3 58.9
154 89.5 68.5 102.7

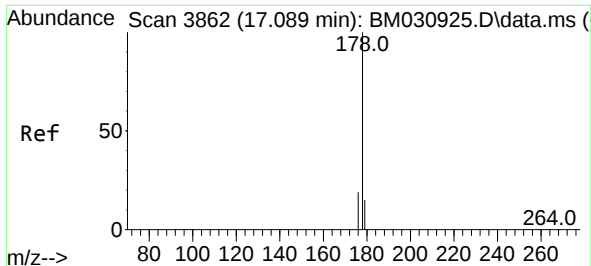


#12
Fluorene
Concen: 0.154 ng/ul
RT: 15.354 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



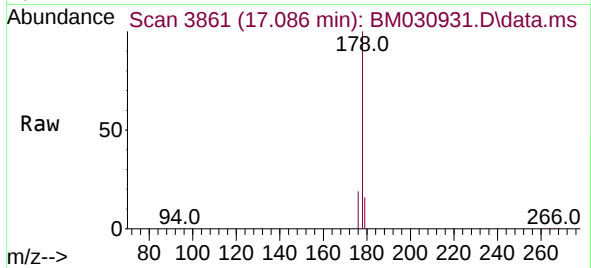
Tgt Ion:166 Resp: 1318
Ion Ratio Lower Upper
166 100
165 96.7 78.7 118.1
167 20.3 12.5 18.7#





#15
Phenanthrene
Concen: 1.432 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.003 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

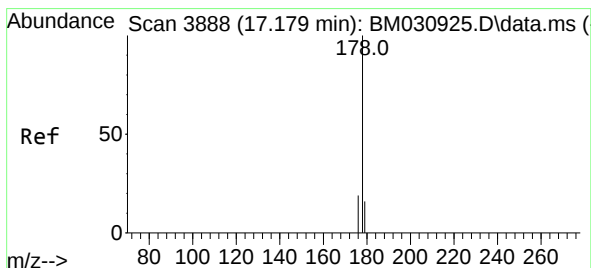
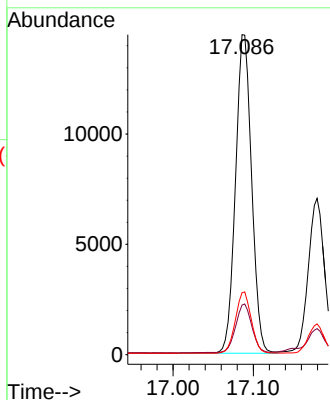
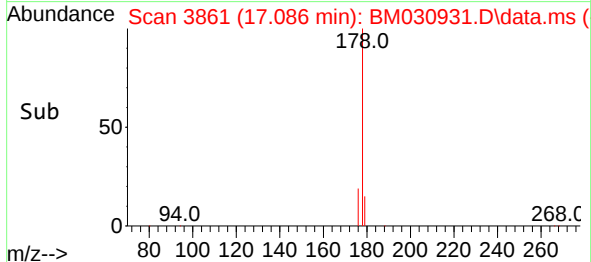
Instrument :
BNA_M
ClientSampled :
BGDZ8



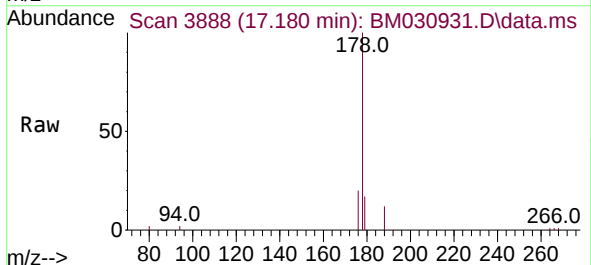
Tgt Ion:178 Resp: 20121
Ion Ratio Lower Upper
178 100
179 15.5 13.8 20.6
176 19.4 16.4 24.6

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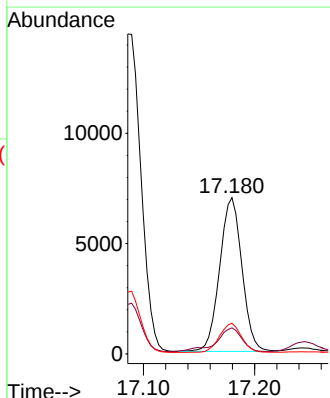
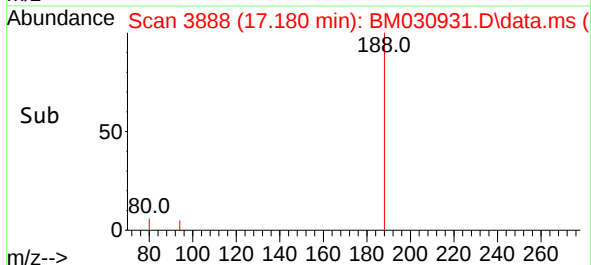
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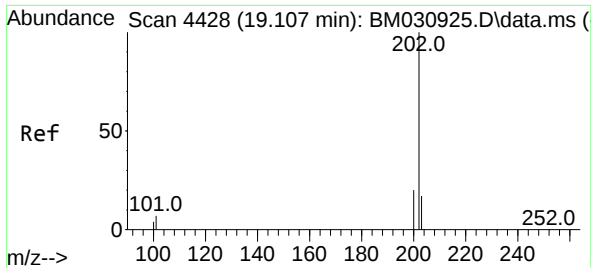


#16
Anthracene
Concen: 0.721 ng/ul
RT: 17.180 min Scan# 3888
Delta R.T. 0.000 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

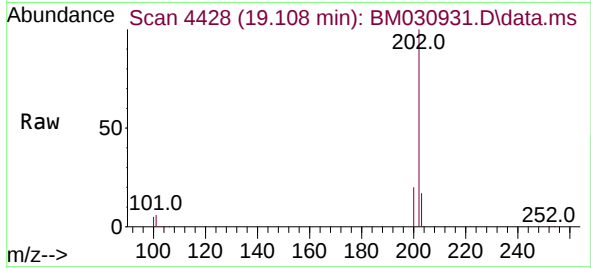


Tgt Ion:178 Resp: 9710
Ion Ratio Lower Upper
178 100
179 16.7 14.5 21.7
176 19.7 16.1 24.1

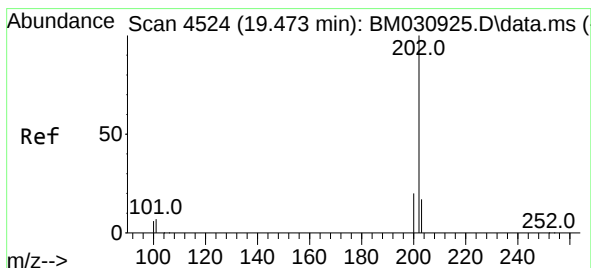
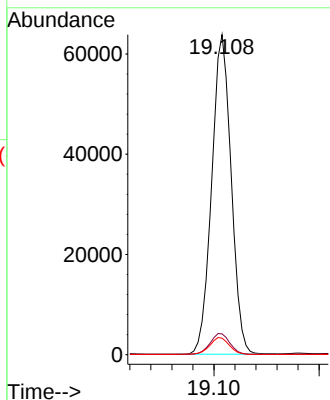
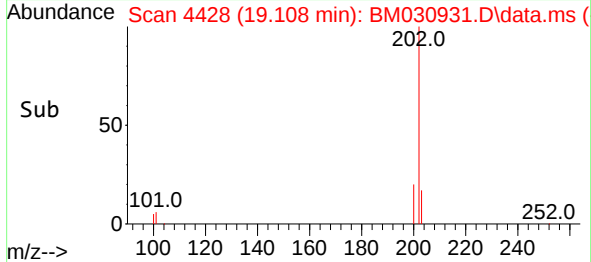




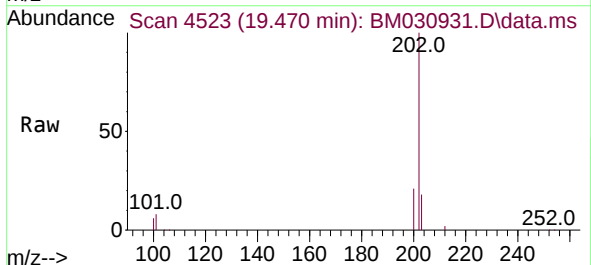
#19
Fluoranthene
Concen: 4.374 ng/ul
RT: 19.108 min Scan# 4428
Delta R.T. 0.000 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



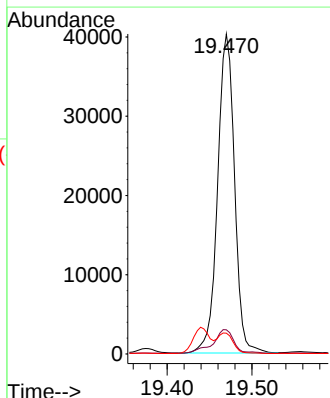
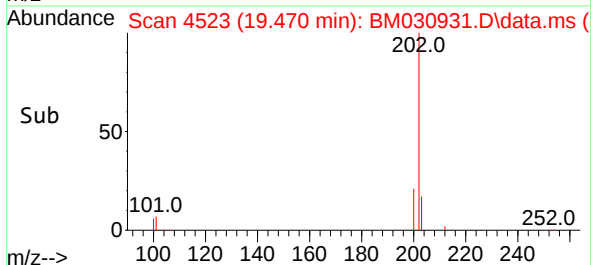
Tgt Ion:202 Resp: 82117
Ion Ratio Lower Upper
202 100
101 6.5 6.3 9.5
100 5.1 5.0 7.6



#20
Pyrene
Concen: 2.943 ng/ul
RT: 19.470 min Scan# 4523
Delta R.T. -0.004 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



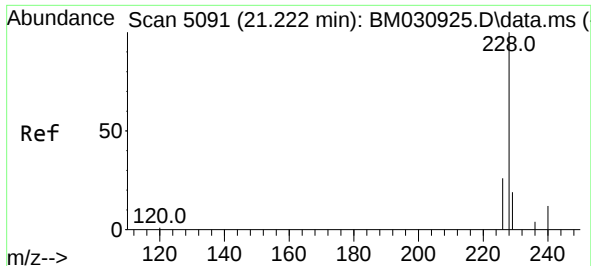
Tgt Ion:202 Resp: 55873
Ion Ratio Lower Upper
202 100
101 7.5 6.6 10.0
100 6.5 5.6 8.4



Instrument :
BNA_M
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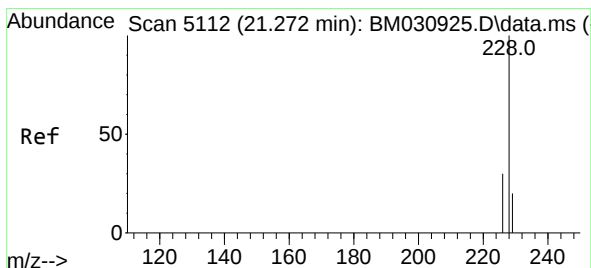
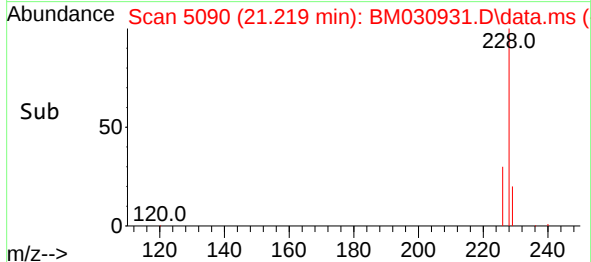
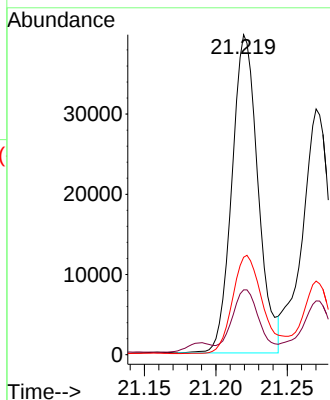
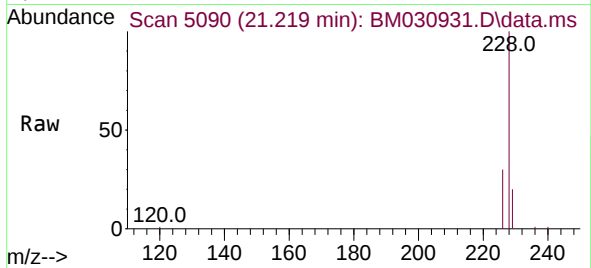
#21
Benzo(a)anthracene
Concen: 2.742 ng/ul
RT: 21.219 min Scan# 5090
Delta R.T. -0.002 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

Tgt Ion:228 Resp: 50497
Ion Ratio Lower Upper
228 100
229 20.2 16.1 24.1
226 30.5 21.8 32.8

Instrument :
BNA_M
ClientSampled :
BGDZ8

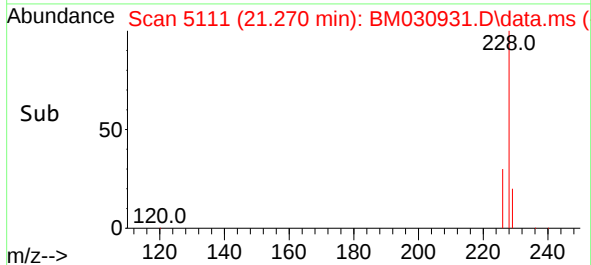
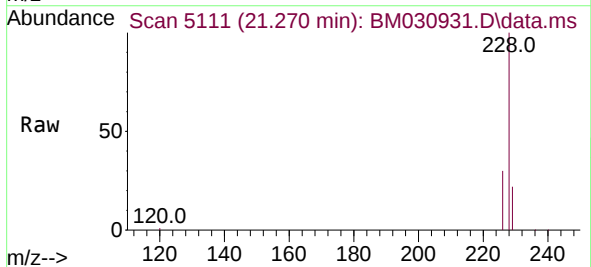
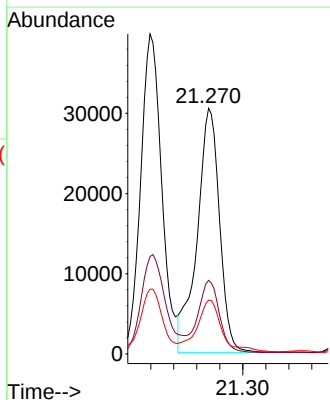
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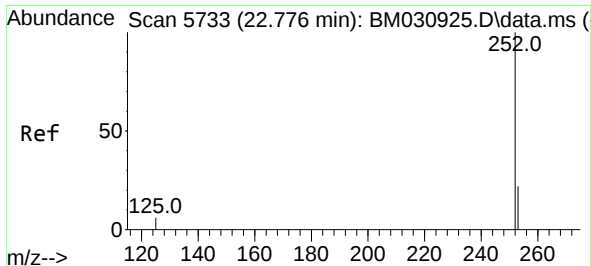
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#22
Chrysene
Concen: 2.164 ng/ul
RT: 21.270 min Scan# 5111
Delta R.T. -0.002 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

Tgt Ion:228 Resp: 41167
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 21.9 16.4 24.6





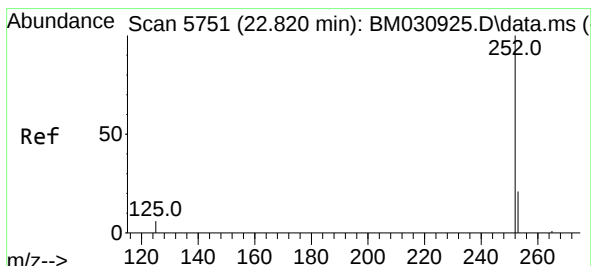
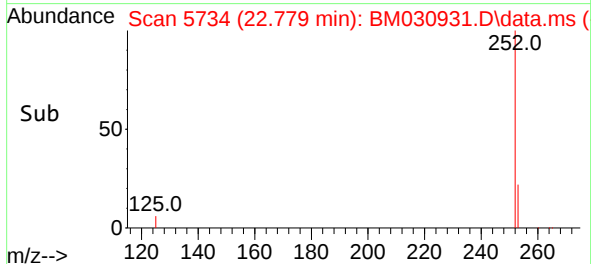
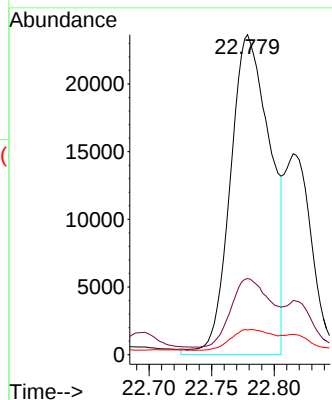
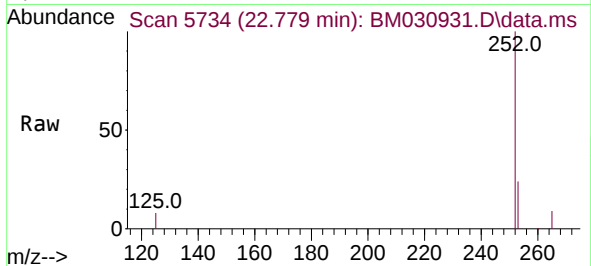
#24
Benzo(b)fluoranthene
Concen: 2.602 ng/ul m
RT: 22.779 min Scan# 5734
Delta R.T. 0.003 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

Tgt Ion:252 Resp: 52599
Ion Ratio Lower Upper
252 100
253 23.8 0.0 62.0
125 7.7 0.0 23.2

Instrument :
BNA_M
ClientSampleId :
BGDZ8

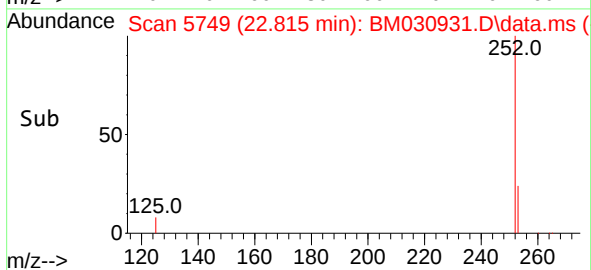
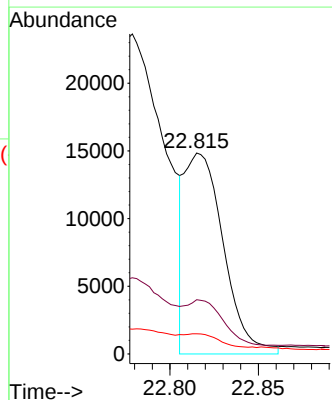
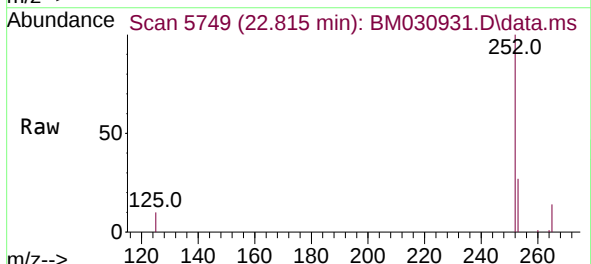
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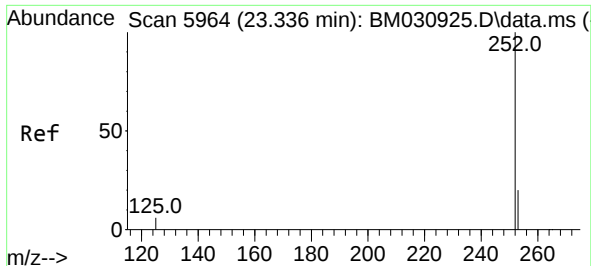
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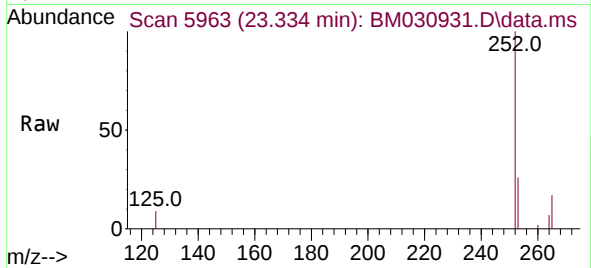
#25
Benzo(k)fluoranthene
Concen: 1.121 ng/ul m
RT: 22.815 min Scan# 5749
Delta R.T. -0.005 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22

Tgt Ion:252 Resp: 22786
Ion Ratio Lower Upper
252 100
253 27.0 24.3 36.5
125 10.0 9.8 14.8

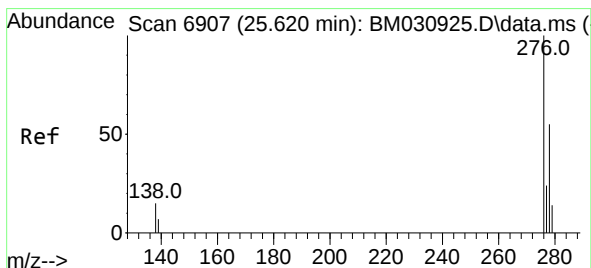
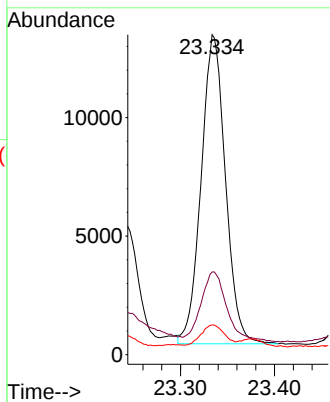
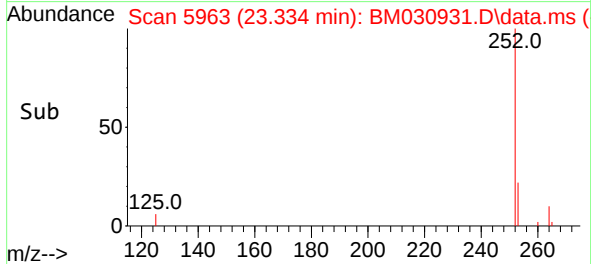




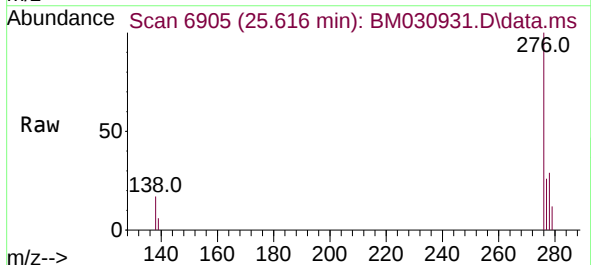
#26
Benzo(a)pyrene
Concen: 1.332 ng/ul
RT: 23.334 min Scan# 5963
Delta R.T. -0.002 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



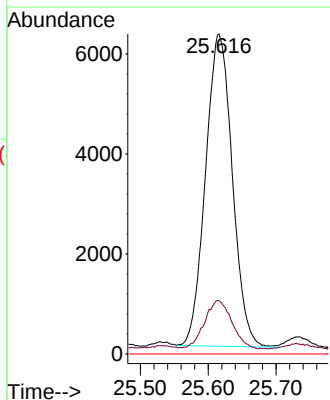
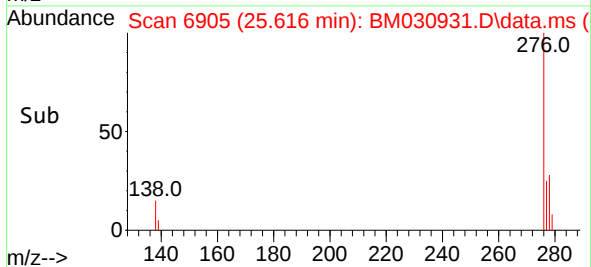
Tgt Ion:252 Resp: 23387
Ion Ratio Lower Upper
252 100
253 25.8 26.5 39.7#
125 9.3 11.0 16.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.720 ng/ul
RT: 25.616 min Scan# 6905
Delta R.T. -0.005 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



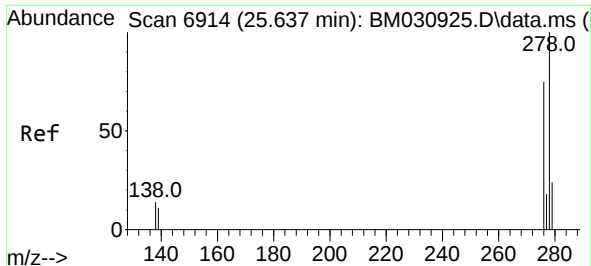
Tgt Ion:276 Resp: 17140
Ion Ratio Lower Upper
276 100
138 15.8 13.0 19.6
227 0.0 0.0 0.0



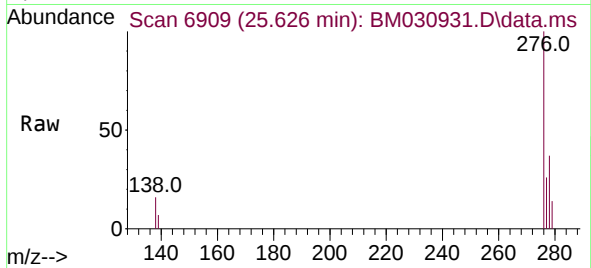
Instrument :
BNA_M
ClientSampleId :
BGDZ8

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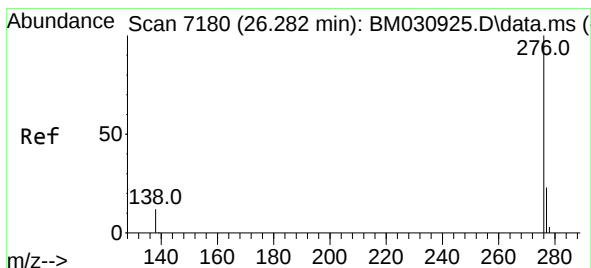
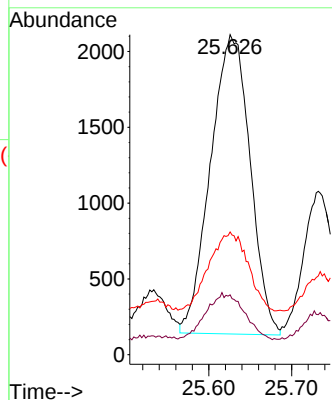
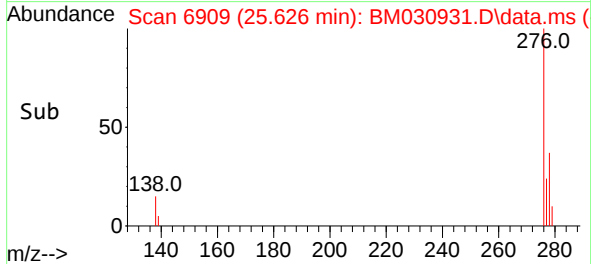
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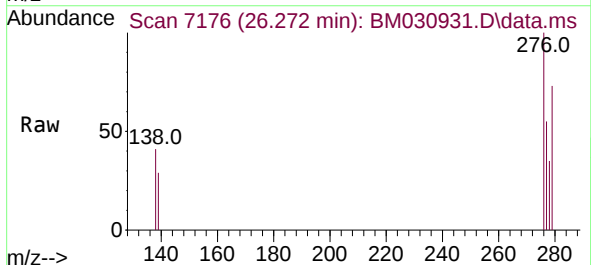
#28
Dibenzo(a,h)anthracene
Concen: 0.341 ng/ul
RT: 25.626 min Scan# 6909
Delta R.T. -0.012 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



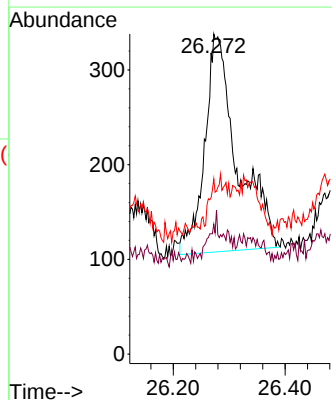
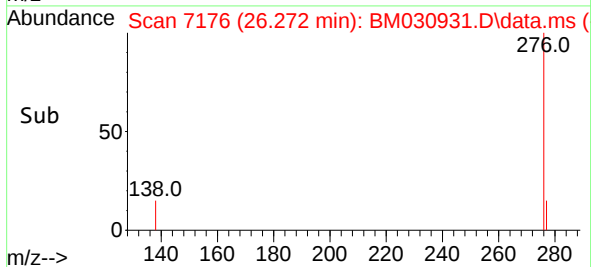
Tgt Ion:278 Resp: 6570
Ion Ratio Lower Upper
278 100
139 18.7 11.4 17.0#
279 38.4 26.2 39.2



#29
Benzo(g,h,i)perylene
Concen: 0.046 ng/ul
RT: 26.272 min Scan# 7176
Delta R.T. -0.009 min
Lab File: BM030931.D
Acq: 13 Jul 2021 15:22



Tgt Ion:276 Resp: 928
Ion Ratio Lower Upper
276 100
138 40.5 12.3 18.5#
277 54.7 21.3 31.9#



Instrument :
BNA_M
ClientSampleId :
BGDZ8

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