

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030577.D
 Acq On : 24 Jun 2021 16:12
 Operator : CG/JU
 Sample : M2662-12DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH4DL

Manual Integrations
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Quant Time: Jun 24 16:42:57 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	3935	0.400	ng/ul	0.00
4) Naphthalene-d8	10.590	136	15034	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	8918	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	17857	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	14980	0.400	ng/ul	0.00
23) Perylene-d12	23.585	264	12291	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.286	96	2091	0.497	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.182	152	749	0.031	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	2078	0.045	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.639	128	4601	0.103	ng/ul#	96
7) 2-Methylnaphthalene	12.259	142	820	0.027	ng/ul	95
8) 1-Methylnaphthalene	12.474	142	683	0.023	ng/ul	98
10) Acenaphthylene	14.148	152	2556	0.061	ng/ul#	89
11) Acenaphthene	14.489	153	12893	0.379	ng/ul	98
12) Fluorene	15.475	166	6478	0.172	ng/ul	99
15) Phenanthrene	17.204	178	95194	1.497	ng/ul	100
16) Anthracene	17.294	178	37625	0.675	ng/ul	100
19) Fluoranthene	19.214	202	182000	2.643	ng/ul	97
20) Pyrene	19.576	202	91462	1.296	ng/ul	98
21) Benzo(a)anthracene	21.314	228	90250	1.517	ng/ul	98
22) Chrysene	21.364	228	75905	1.149	ng/ul	97
24) Benzo(b)fluoranthene	22.909	252	78864m	1.475	ng/ul	
25) Benzo(k)fluoranthene	22.948	252	36245m	0.646	ng/ul	
26) Benzo(a)pyrene	23.484	252	18066	0.381	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.865	276	13309	0.221	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.872	278	7288	0.151	ng/ul#	78

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

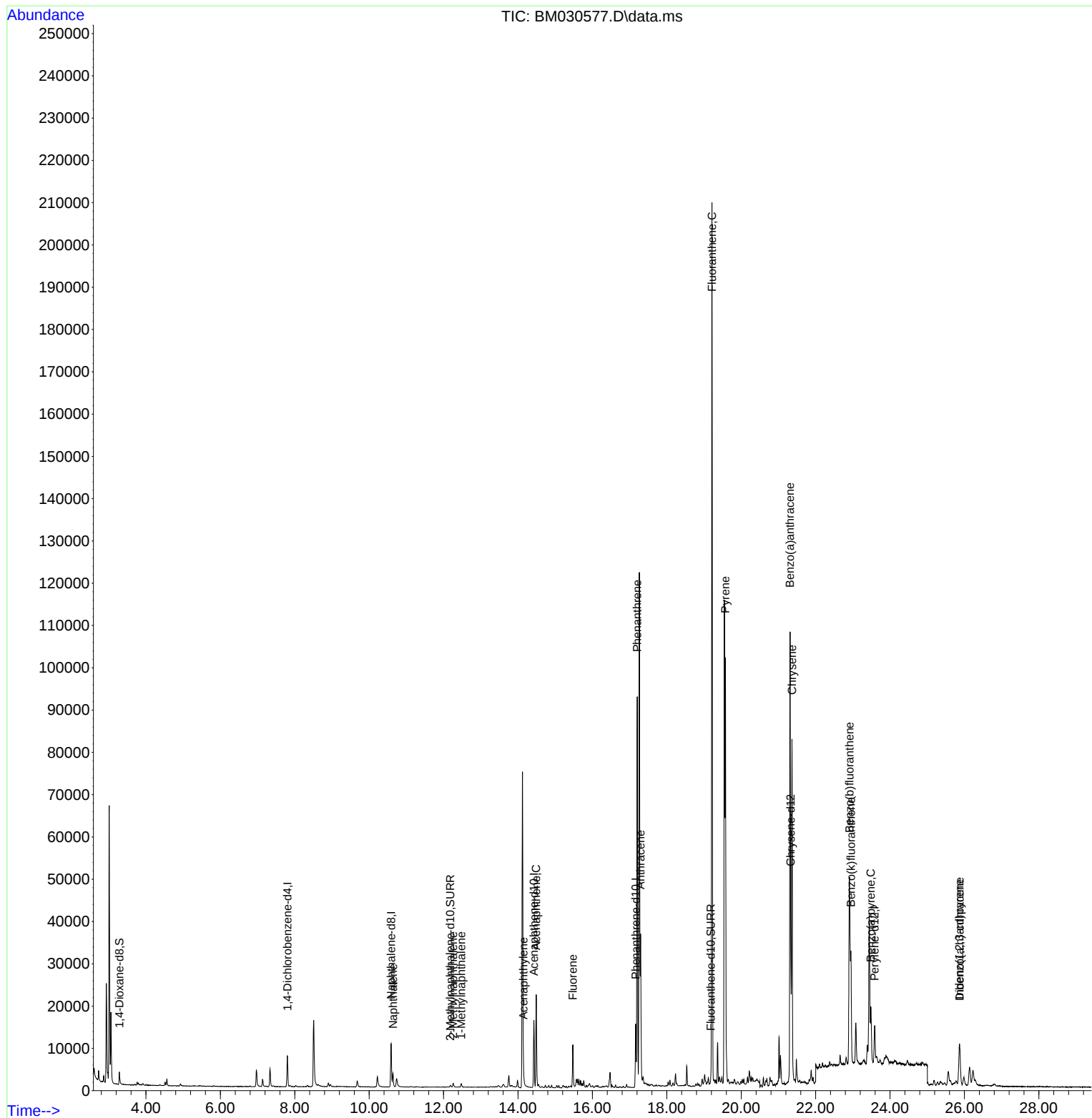
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Data File : BM030577.D
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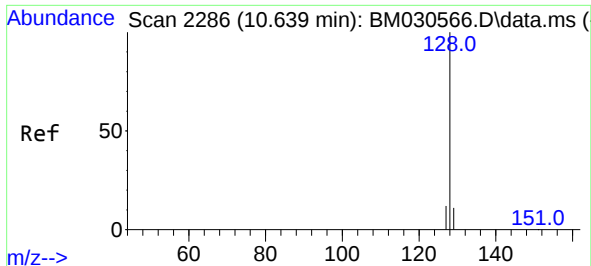
Instrument :
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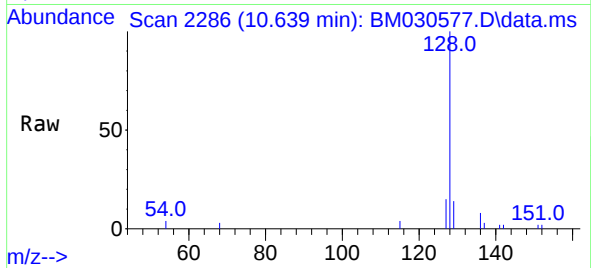
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Quant Time: Jun 24 16:42:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration

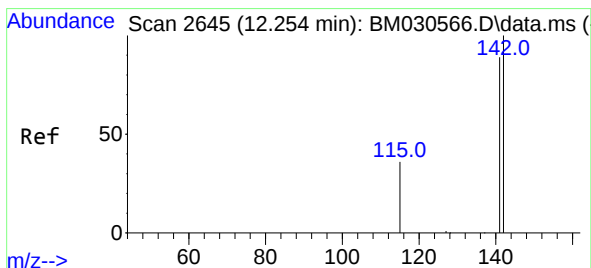
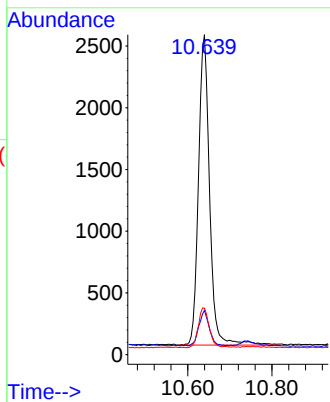
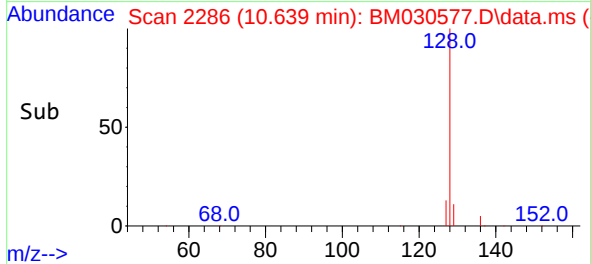




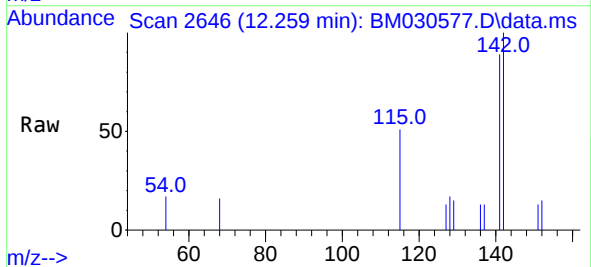
#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.639 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12



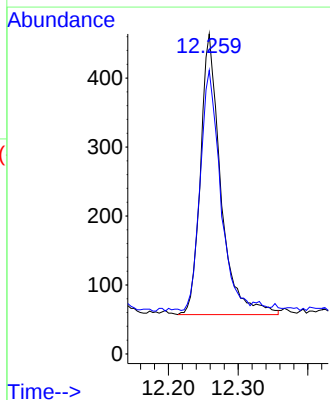
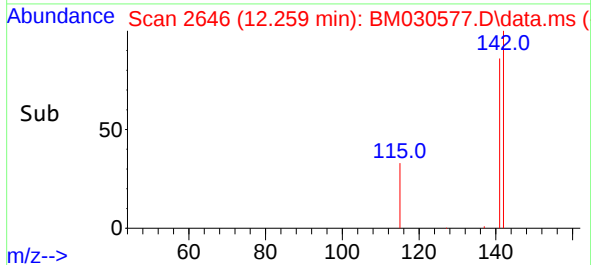
Tgt Ion:128 Resp: 4601
Ion Ratio Lower Upper
128 100
129 13.9 9.0 13.6#
127 14.5 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.259 min Scan# 2646
Delta R.T. 0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12



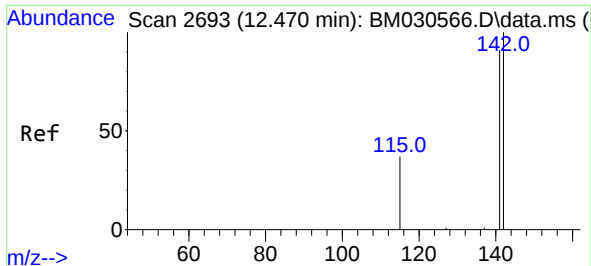
Tgt Ion:142 Resp: 820
Ion Ratio Lower Upper
142 100
141 84.8 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
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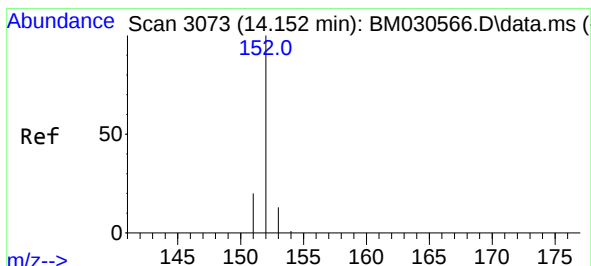
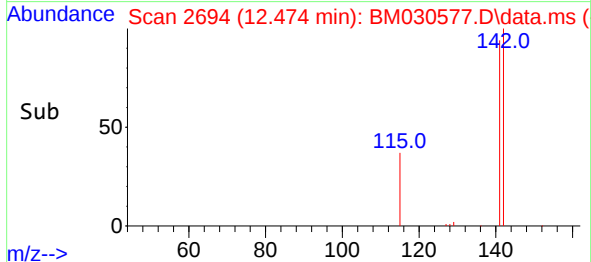
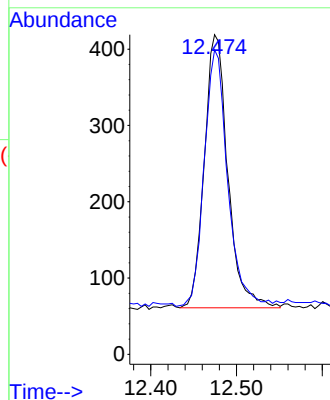
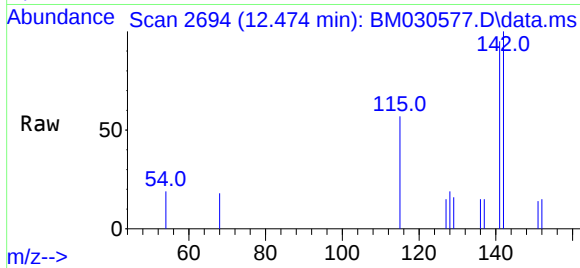
#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.474 min Scan# 2694
Delta R.T. 0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:142 Resp: 683
Ion Ratio Lower Upper
142 100
141 94.0 73.4 110.0

Instrument :
BNA_M
ClientSampled :
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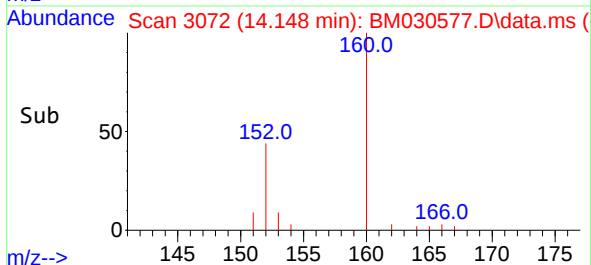
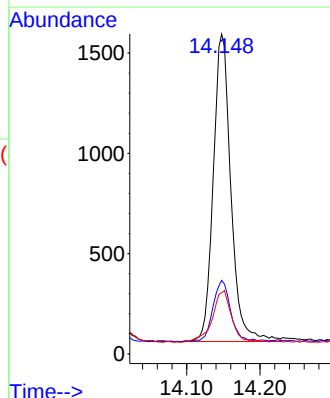
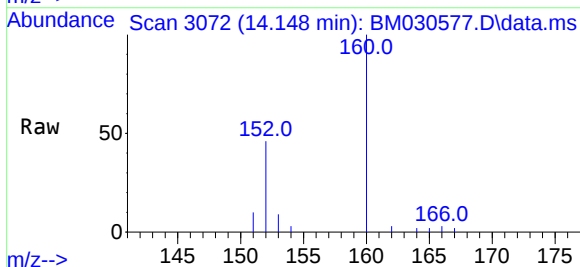
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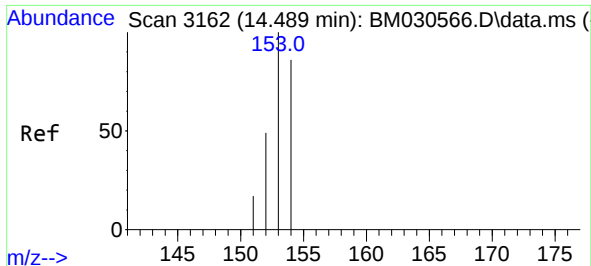
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#10
Acenaphthylene
Concen: 0.061 ng/ul
RT: 14.148 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

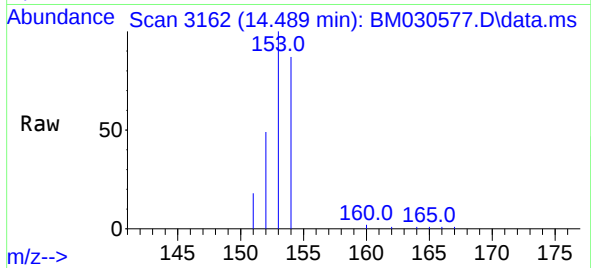
Tgt Ion:152 Resp: 2556
Ion Ratio Lower Upper
152 100
151 23.0 15.5 23.3
153 19.1 10.7 16.1#



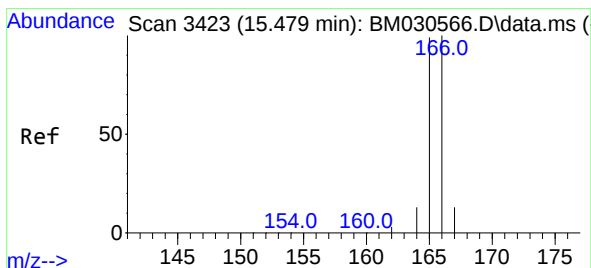
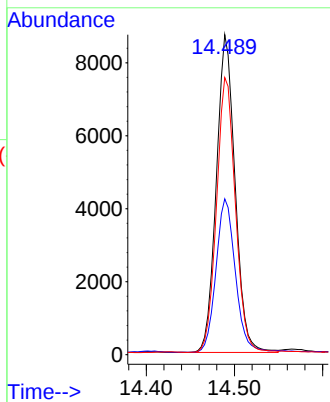
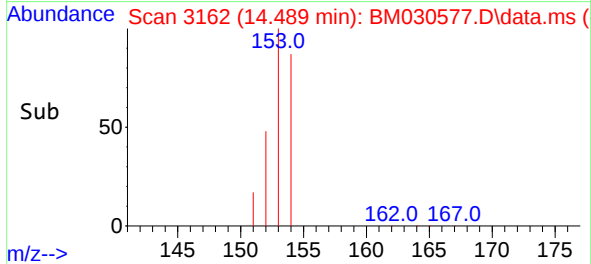


#11
Acenaphthene
Concen: 0.379 ng/ul
RT: 14.489 min Scan# 3162
Delta R.T. -0.000 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

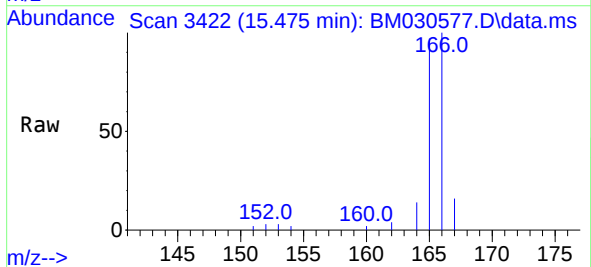
Instrument :
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ClientSampled :
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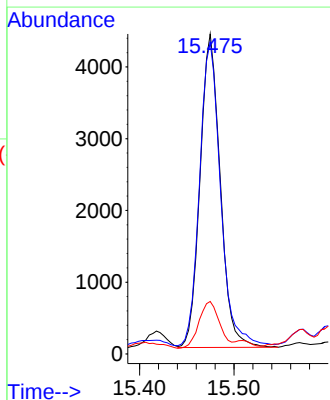
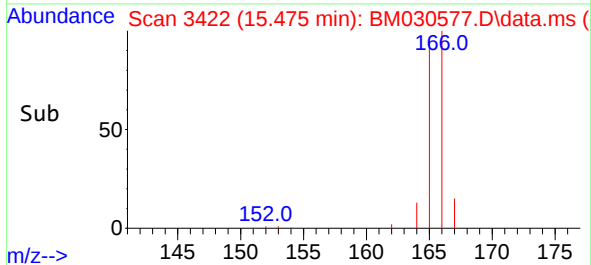
Tgt Ion:153 Resp: 12893
Ion Ratio Lower Upper
153 100
152 48.7 40.2 60.2
154 86.6 71.2 106.8

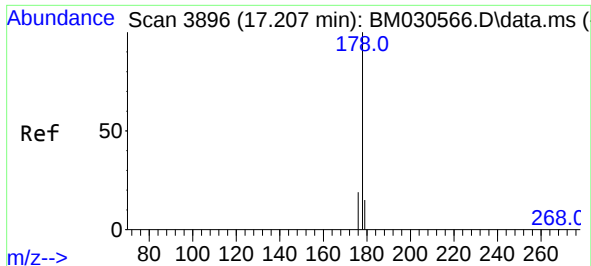


#12
Fluorene
Concen: 0.172 ng/ul
RT: 15.475 min Scan# 3422
Delta R.T. -0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12



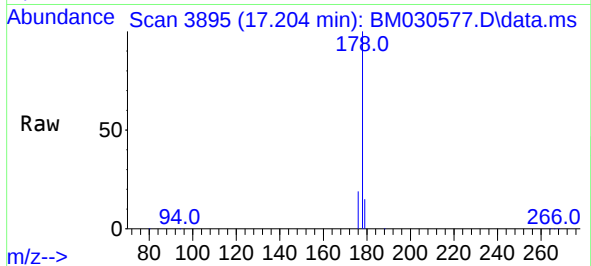
Tgt Ion:166 Resp: 6478
Ion Ratio Lower Upper
166 100
165 97.5 77.7 116.5
167 16.4 11.3 16.9





#15
Phenanthrene
Concen: 1.497 ng/ul
RT: 17.204 min Scan# 3895
Delta R.T. -0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

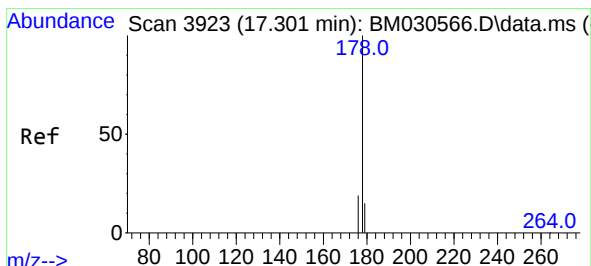
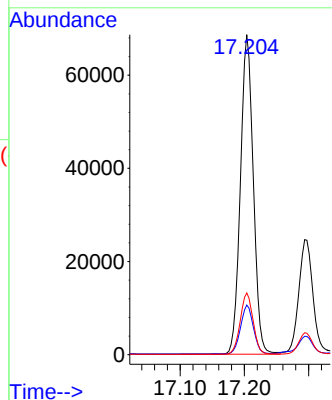
Instrument :
BNA_M
ClientSampled :
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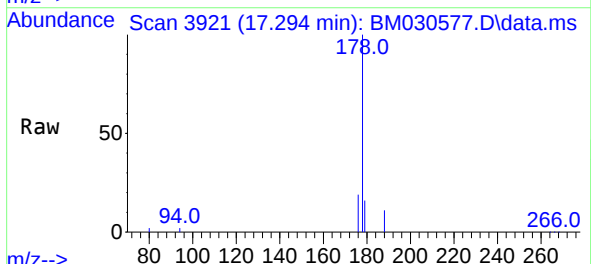
Tgt Ion:178 Resp: 95194
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.3 15.5 23.3

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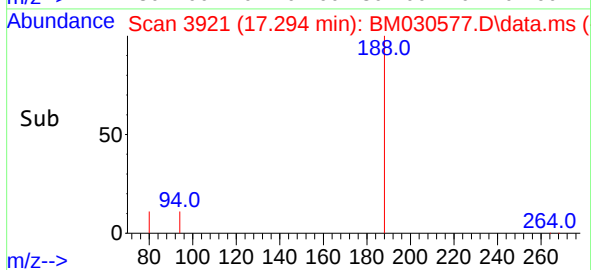
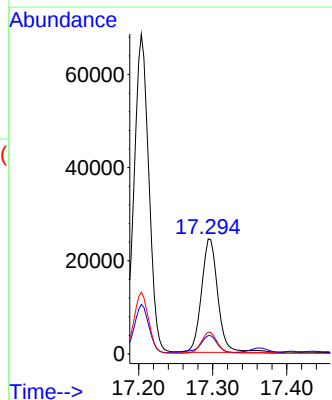
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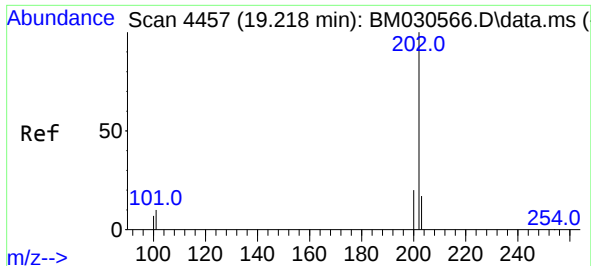


#16
Anthracene
Concen: 0.675 ng/ul
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12



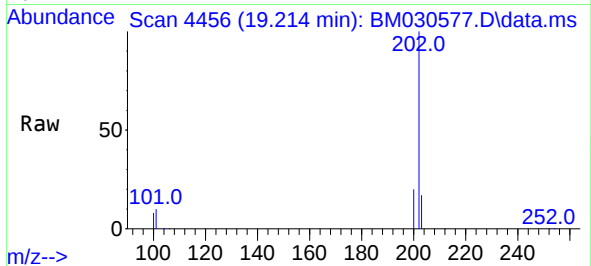
Tgt Ion:178 Resp: 37625
Ion Ratio Lower Upper
178 100
179 16.0 12.7 19.1
176 19.0 15.2 22.8





#19
Fluoranthene
Concen: 2.643 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. -0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

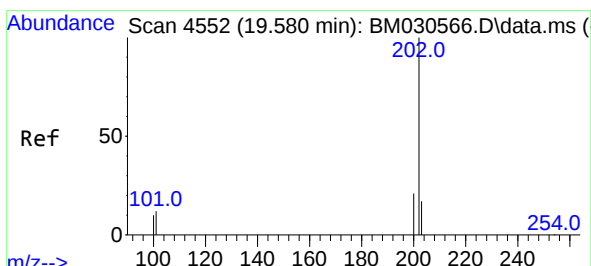
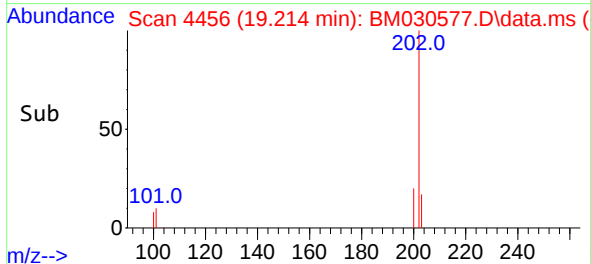
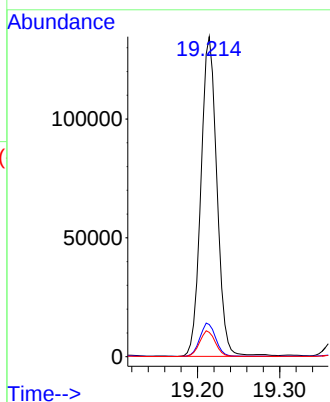
Instrument :
BNA_M
ClientSampleId :
BGDH4DL



Tgt Ion:202 Resp: 182000
Ion Ratio Lower Upper
202 100
101 10.1 8.8 13.2
100 7.6 6.9 10.3

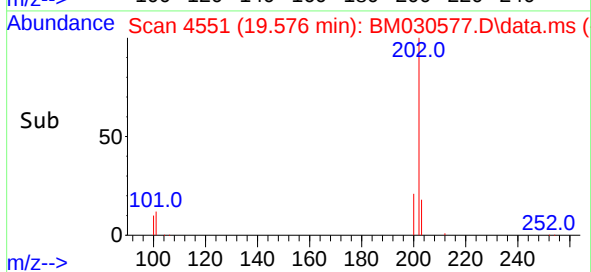
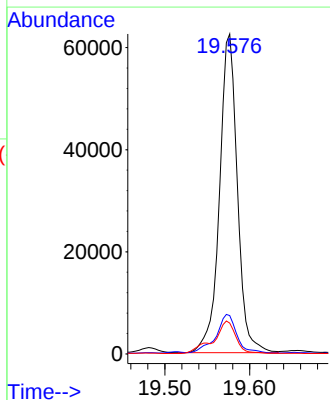
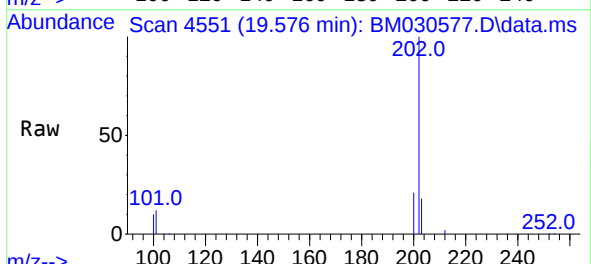
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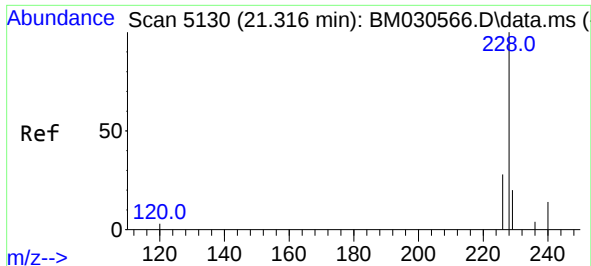
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#20
Pyrene
Concen: 1.296 ng/u1
RT: 19.576 min Scan# 4551
Delta R.T. -0.004 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:202 Resp: 91462
Ion Ratio Lower Upper
202 100
101 12.0 10.1 15.1
100 9.6 8.2 12.2





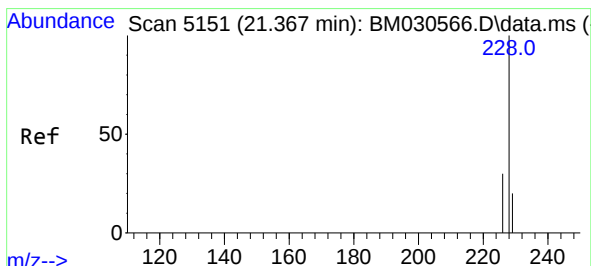
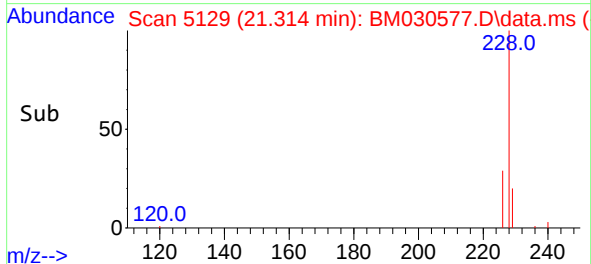
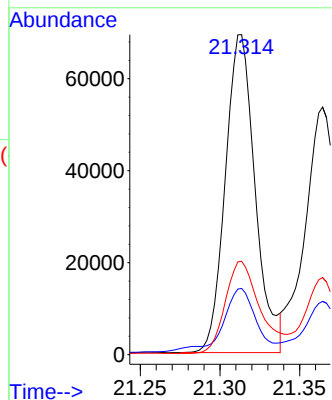
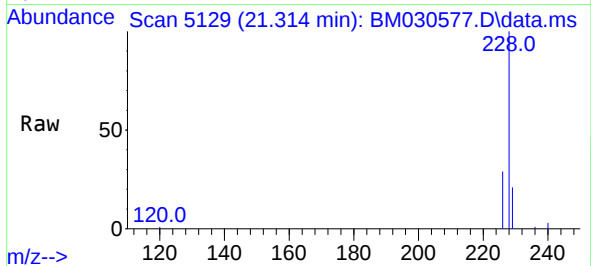
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Benzo(a)anthracene
Concen: 1.517 ng/ul
RT: 21.314 min Scan# 5129
Delta R.T. -0.003 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:228 Resp: 90250
Ion Ratio Lower Upper
228 100
229 20.7 15.8 23.6
226 29.2 22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDH4DL

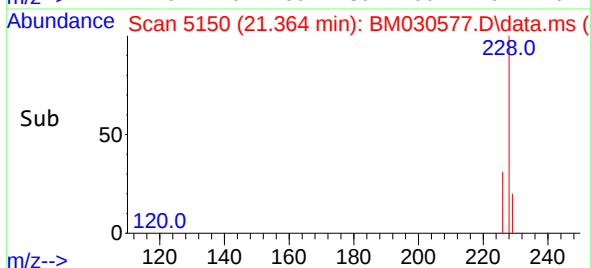
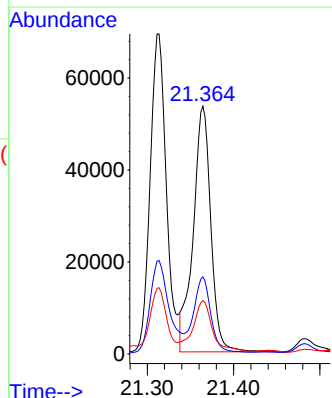
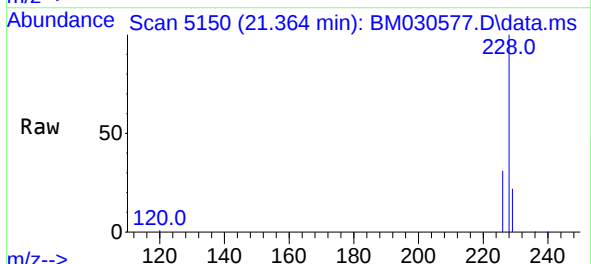
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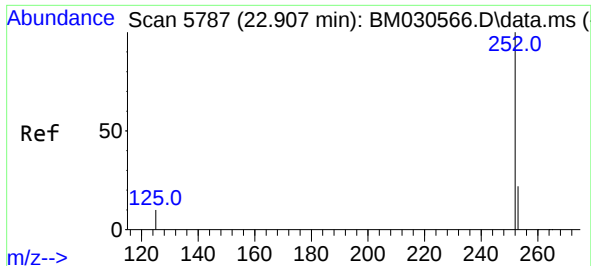
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#22
Chrysene
Concen: 1.149 ng/ul
RT: 21.364 min Scan# 5150
Delta R.T. -0.003 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:228 Resp: 75905
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 21.5 15.4 23.0





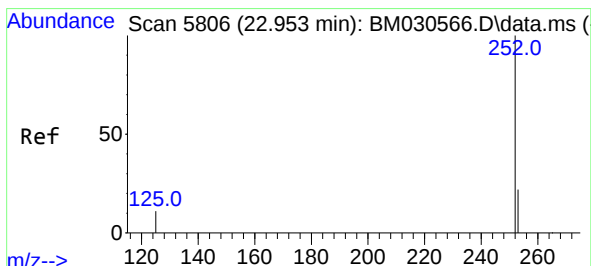
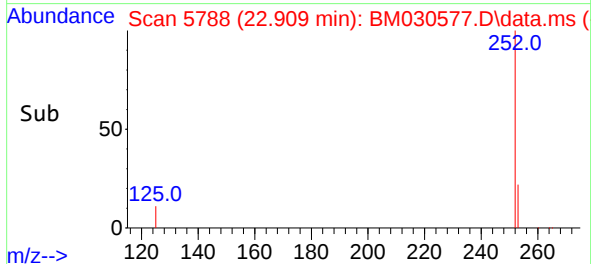
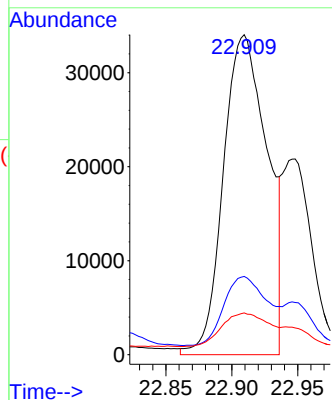
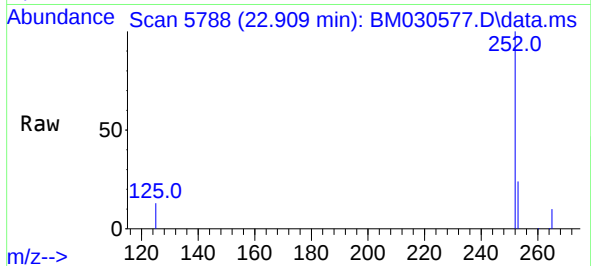
#24
Benzo(b)fluoranthene
Concen: 1.475 ng/ul m
RT: 22.909 min Scan# 5788
Delta R.T. 0.002 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:252	Resp:	78864
Ion Ratio	Lower	Upper
252	100	
253	24.5	0.0 50.2
125	13.1	0.0 27.8

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ClientSampled :
BGDH4DL

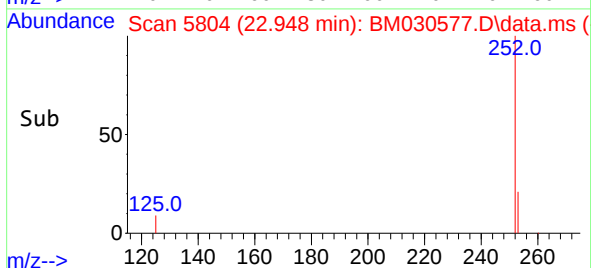
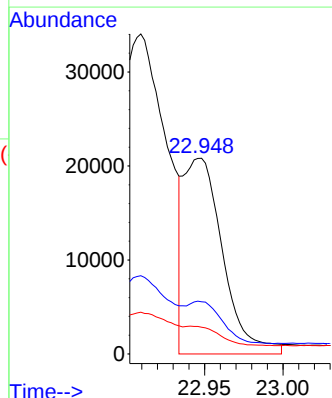
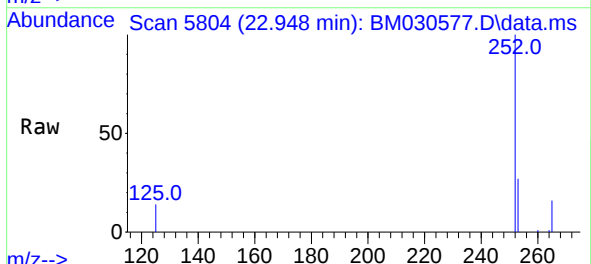
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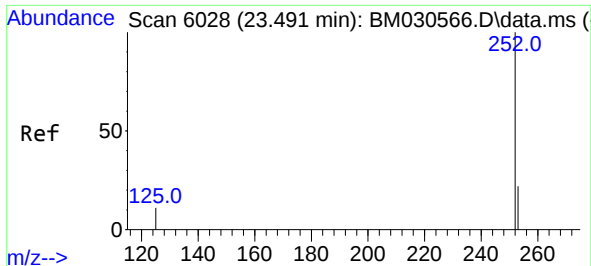
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#25
Benzo(k)fluoranthene
Concen: 0.646 ng/ul m
RT: 22.948 min Scan# 5804
Delta R.T. -0.005 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:252	Resp:	36245
Ion Ratio	Lower	Upper
252	100	
253	26.6	20.6 31.0
125	13.7	11.0 16.4





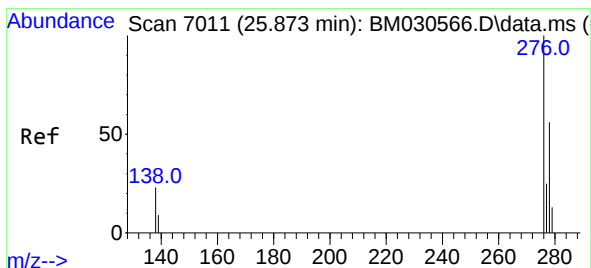
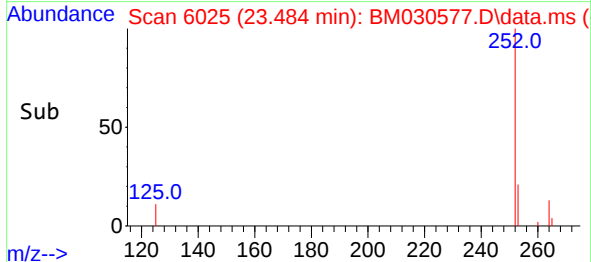
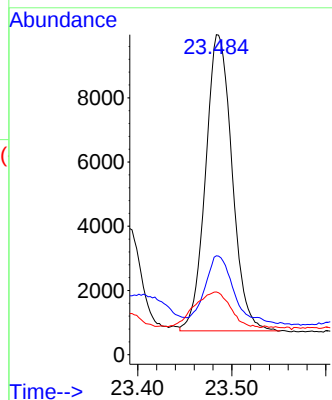
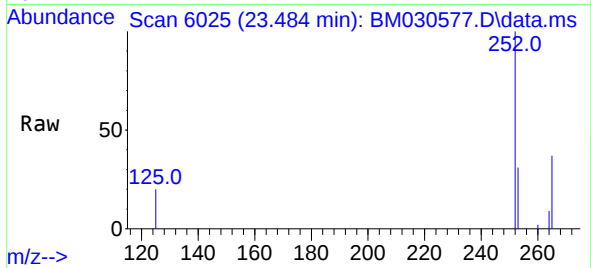
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.007 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:	252	Resp:	18066
Ion Ratio	Lower	Upper	
252	100		
253	30.9	22.0	33.0
125	19.6	13.4	20.2

Instrument :
BNA_M
ClientSampled :
BGDH4DL

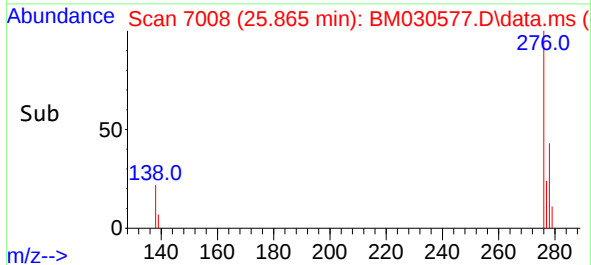
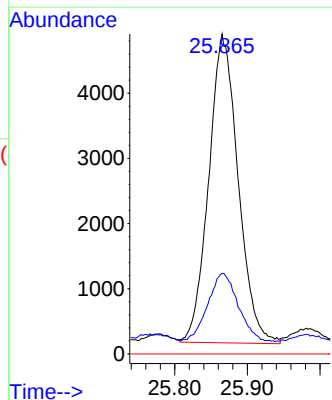
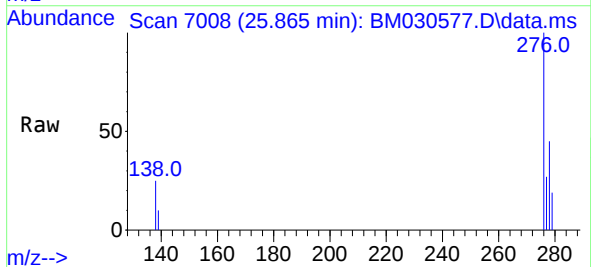
Manual Integrations
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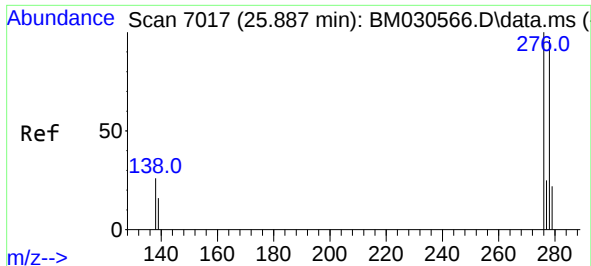
mohammad
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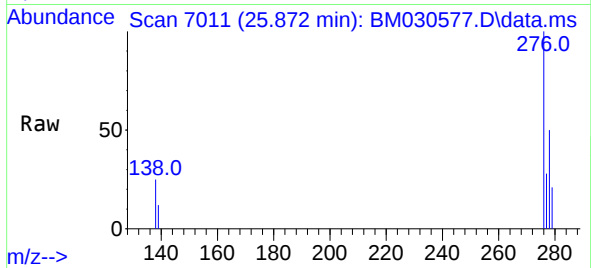
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.221 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.007 min
Lab File: BM030577.D
Acq: 24 Jun 2021 16:12

Tgt Ion:	276	Resp:	13309
Ion Ratio	Lower	Upper	
276	100		
138	22.8	19.1	28.7
227	0.0	0.0	0.0

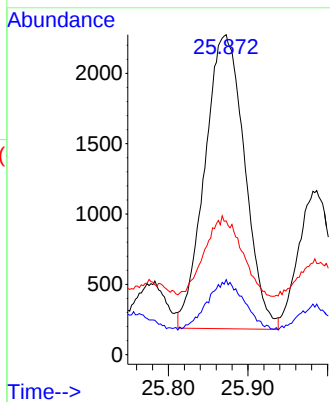
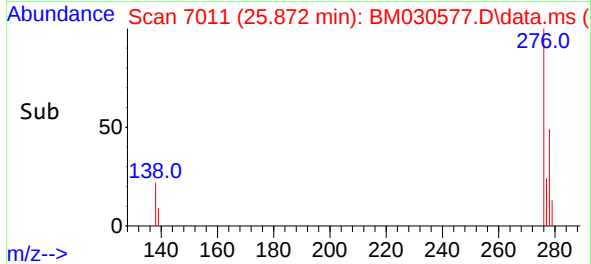




#28
 Dibenzo(a,h)anthracene
 Concen: 0.151 ng/ul
 RT: 25.872 min Scan# 7011
 Delta R.T. -0.015 min
 Lab File: BM030577.D
 Acq: 24 Jun 2021 16:12



Tgt Ion: 278 Resp: 7288
 Ion Ratio Lower Upper
 278 100
 139 23.5 14.2 21.4#
 279 41.8 21.6 32.4#



Instrument :
 BNA_M
 ClientSampleId :
 BGDH4DL

Manual Integrations
 APPROVED

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