

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030622.D
 Acq On : 26 Jun 2021 04:51
 Operator : CG/JU
 Sample : M2682-06DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE4DL

Manual Integrations
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Quant Time: Jun 26 06:28:46 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 : Sat Jun 26 05:08:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	4386	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	18143	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	11182	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.159	188	22387	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	16820	0.400	ng/ul	0.00
23) Perylene-d12	23.573	264	15333	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.283	96	1619	0.345	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	675	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	1698	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	13183	0.244	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	2056	0.056	ng/ul	100
8) 1-Methylnaphthalene	12.466	142	1252	0.035	ng/ul	100
10) Acenaphthylene	14.140	152	9550	0.182	ng/ul	97
11) Acenaphthene	14.485	153	8124	0.191	ng/ul	98
12) Fluorene	15.467	166	8357	0.177	ng/ul	97
15) Phenanthrene	17.197	178	74720	0.937	ng/ul	100
16) Anthracene	17.291	178	57966	0.830	ng/ul	99
19) Fluoranthene	19.207	202	537474	6.951	ng/ul	98
20) Pyrene	19.569	202	369487	4.664	ng/ul	98
21) Benzo(a)anthracene	21.307	228	269270	4.030	ng/ul	97
22) Chrysene	21.357	228	220841	2.977	ng/ul	98
24) Benzo(b)fluoranthene	22.895	252	244579m	3.667	ng/ul	
25) Benzo(k)fluoranthene	22.939	252	86161m	1.232	ng/ul	
26) Benzo(a)pyrene	23.474	252	114858	1.941	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.853	276	72352	0.961	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.858	278	24846	0.414	ng/ul	94
29) Benzo(g,h,i)perylene	26.558	276	3873	0.060	ng/ul#	71

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

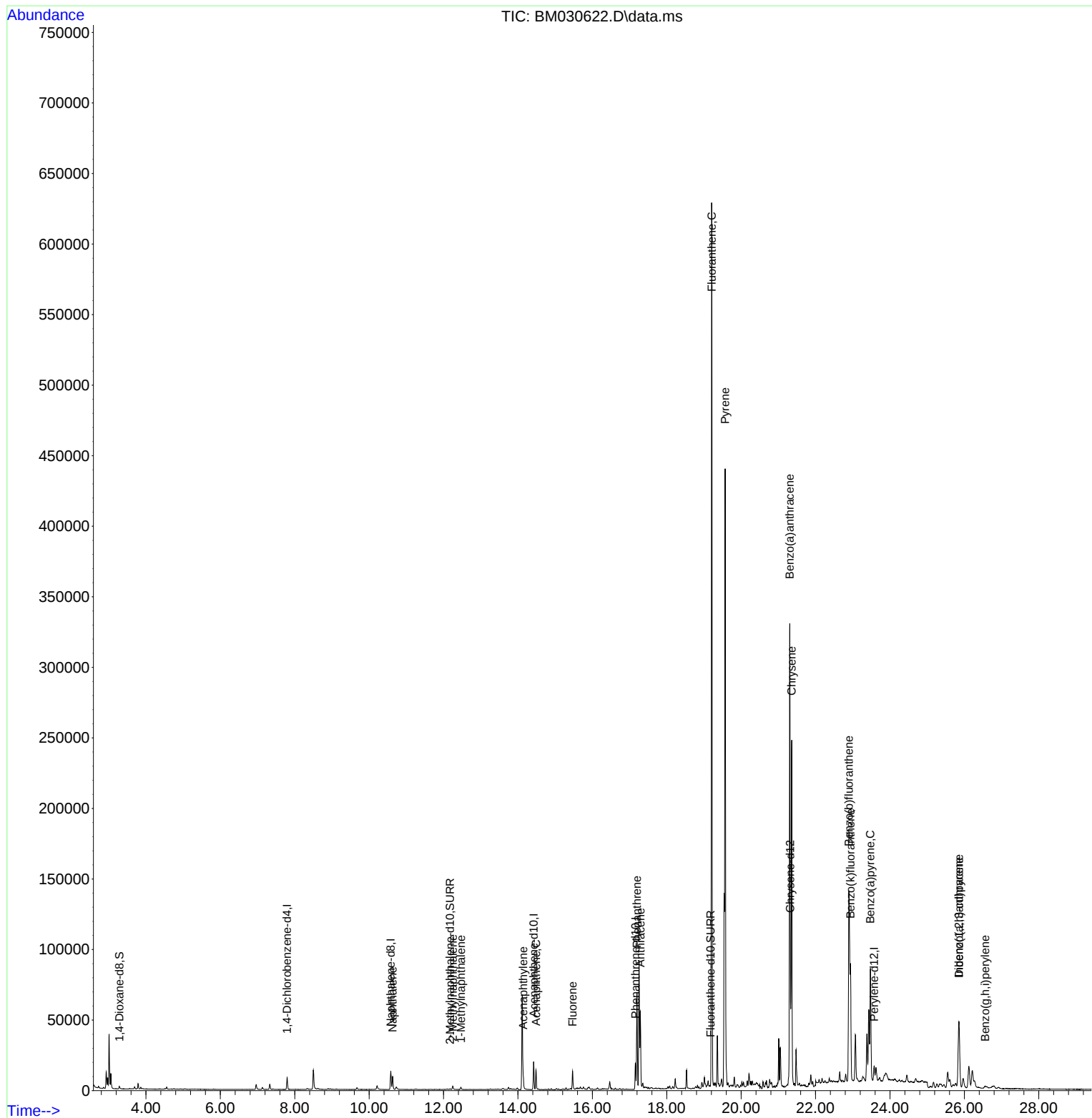
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030622.D
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ALS Vial : 33 Sample Multiplier: 1

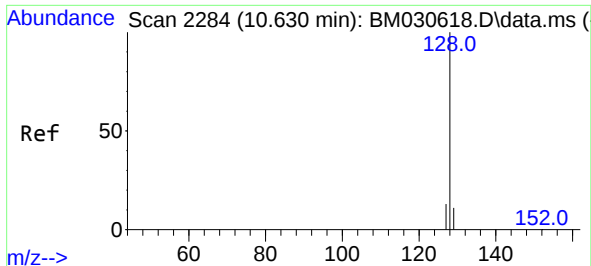
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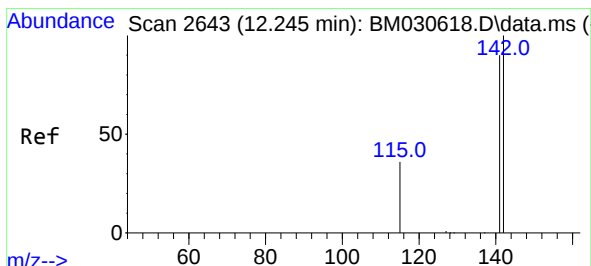
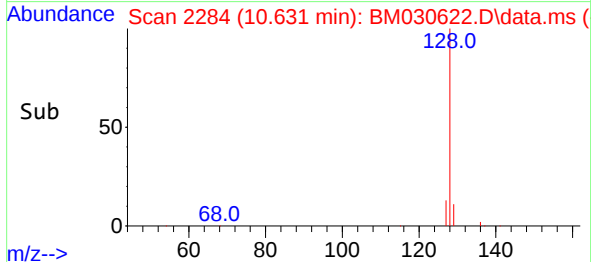
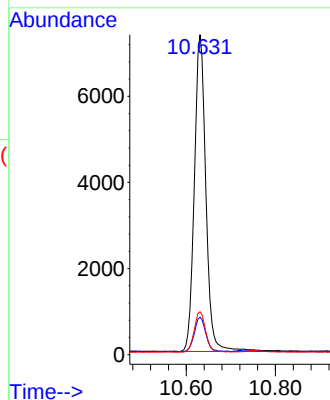
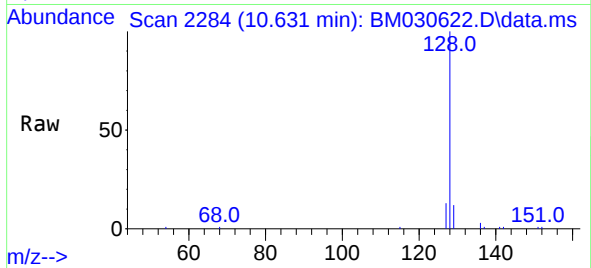
#5
Naphthalene
Concen: 0.244 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:128 Resp: 13183
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.4 10.9 16.3

Instrument :
BNA_M
ClientSampleId :
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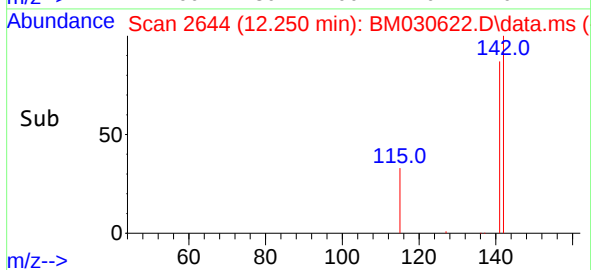
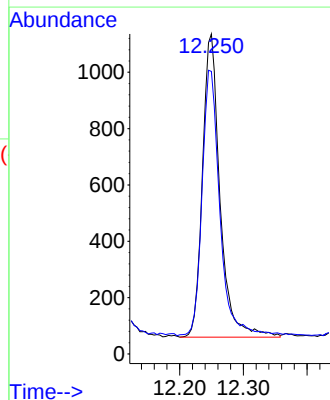
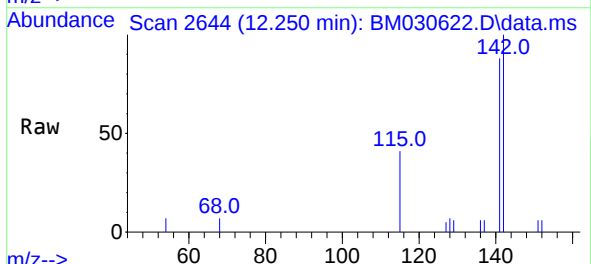
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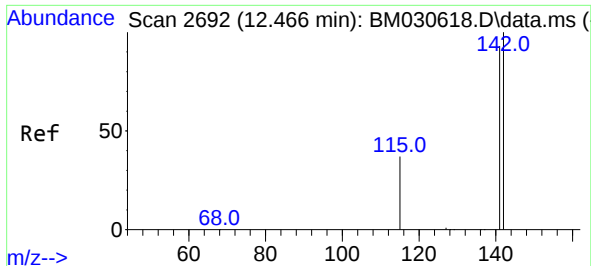
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#7
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. 0.000 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:142 Resp: 2056
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0





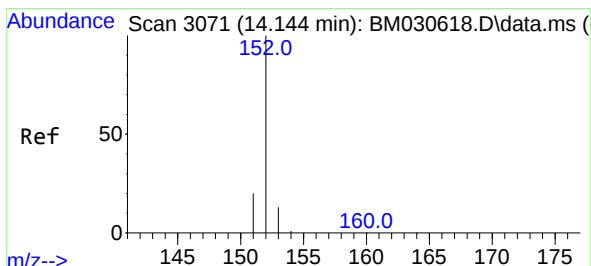
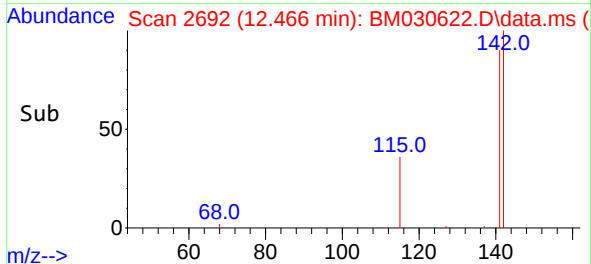
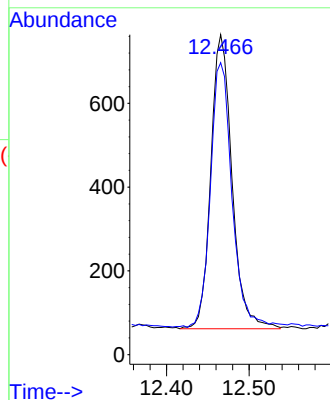
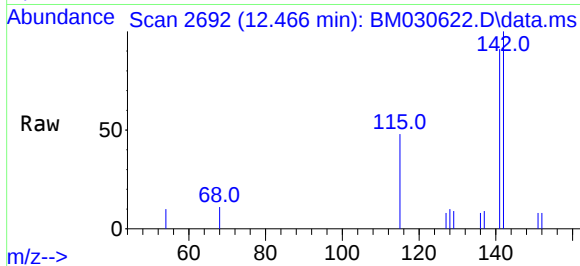
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1-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:142 Resp: 1252
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.0

Instrument :
BNA_M
ClientSampleID :
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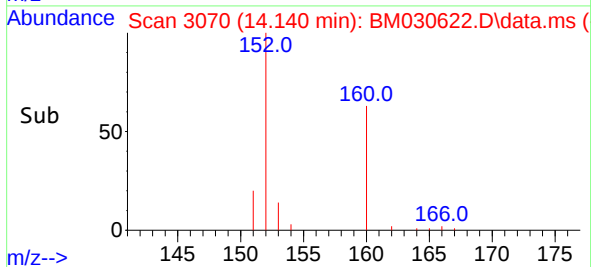
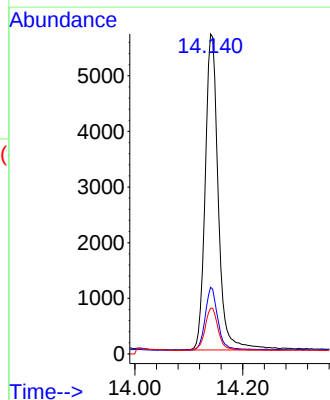
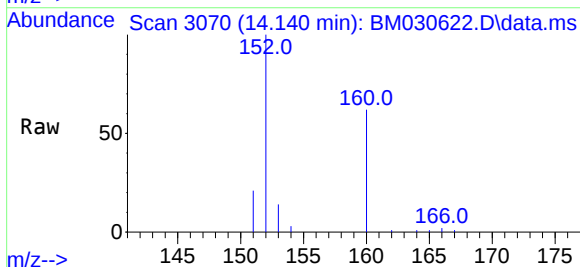
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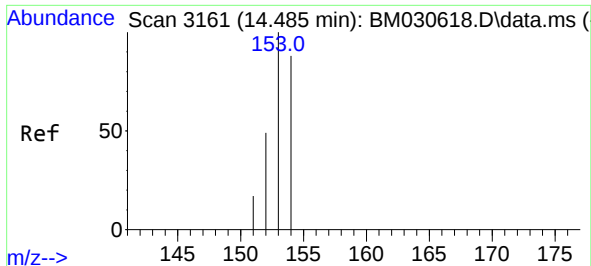
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#10
Acenaphthylene
Concen: 0.182 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

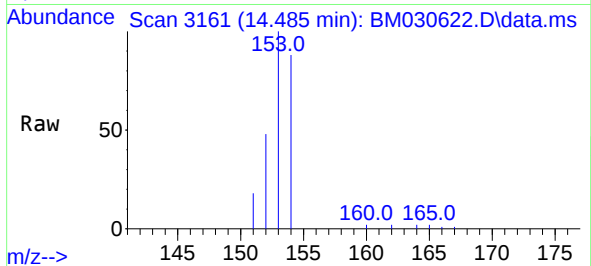
Tgt Ion:152 Resp: 9550
Ion Ratio Lower Upper
152 100
151 20.8 15.5 23.3
153 14.3 10.7 16.1





#11
Acenaphthene
Concen: 0.191 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

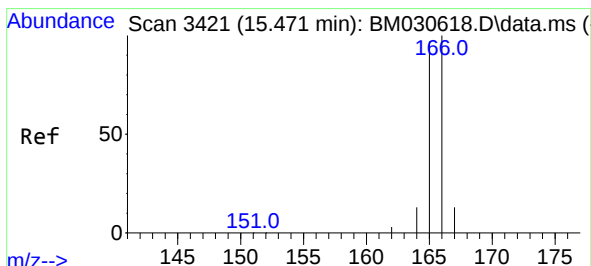
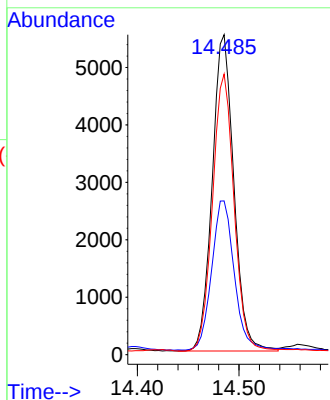
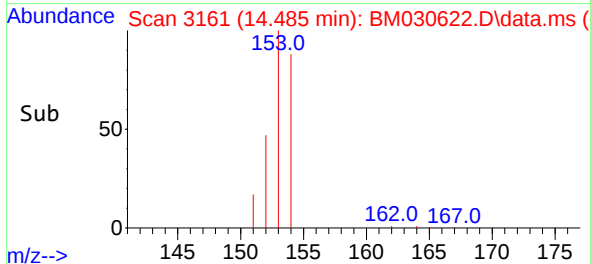
Instrument :
BNA_M
ClientSampled :
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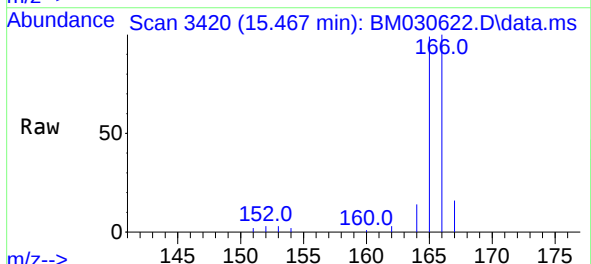
Tgt Ion:153 Resp: 8124
Ion Ratio Lower Upper
153 100
152 48.0 40.2 60.2
154 87.7 71.2 106.8

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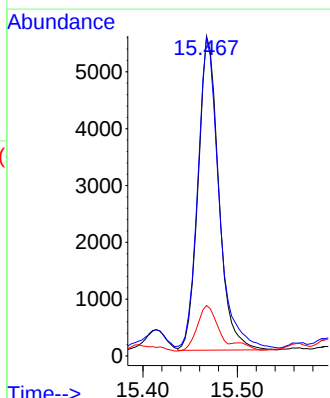
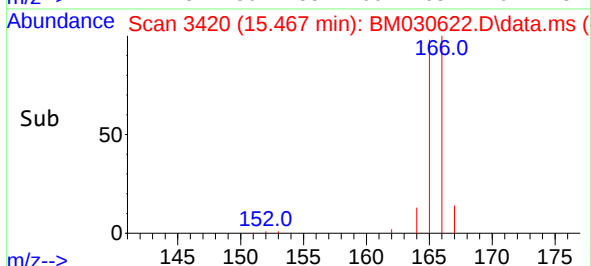
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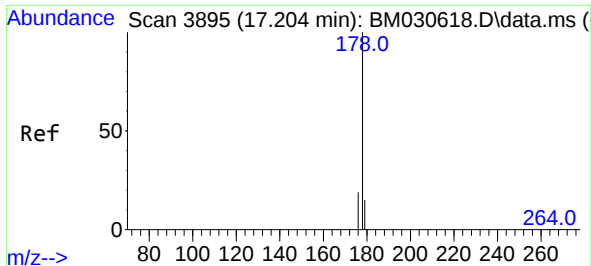


#12
Fluorene
Concen: 0.177 ng/ul
RT: 15.467 min Scan# 3420
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

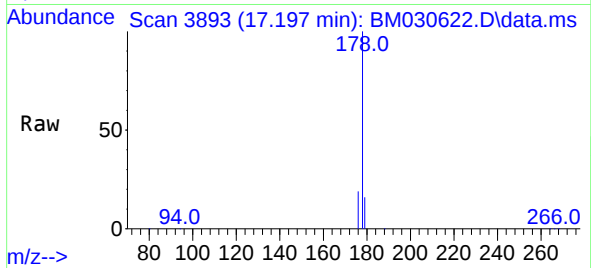


Tgt Ion:166 Resp: 8357
Ion Ratio Lower Upper
166 100
165 99.3 77.7 116.5
167 15.7 11.3 16.9

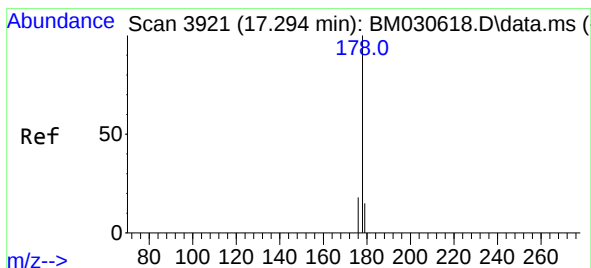
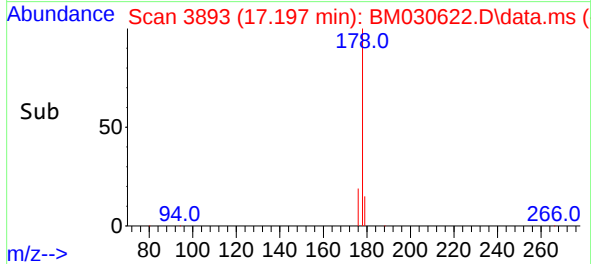
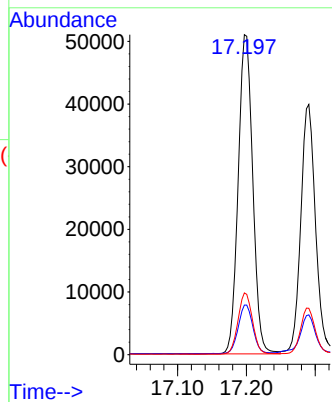




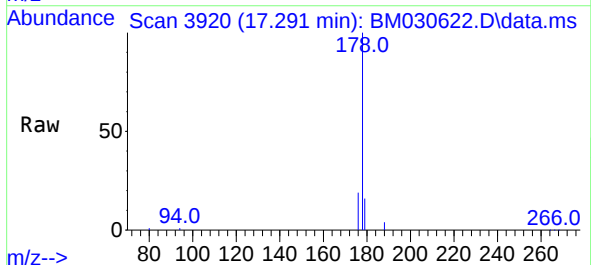
#15
Phenanthrene
Concen: 0.937 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51



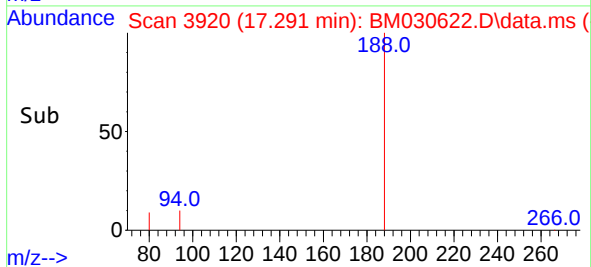
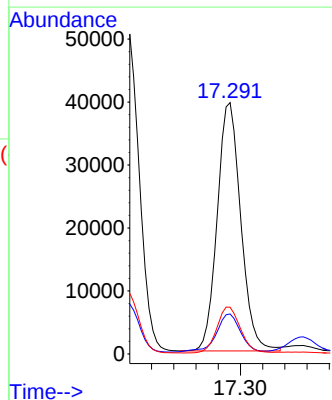
Tgt Ion:178 Resp: 74720
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.3 15.5 23.3



#16
Anthracene
Concen: 0.830 ng/u1
RT: 17.291 min Scan# 3920
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51



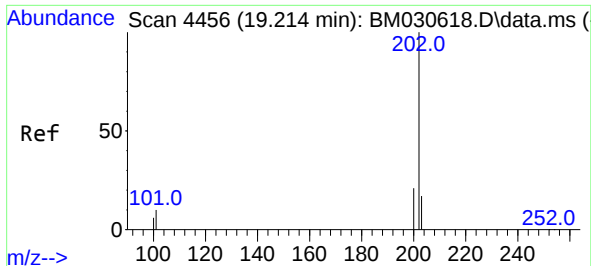
Tgt Ion:178 Resp: 57966
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.6 15.2 22.8



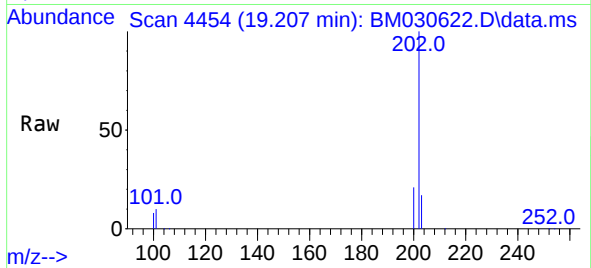
Instrument :
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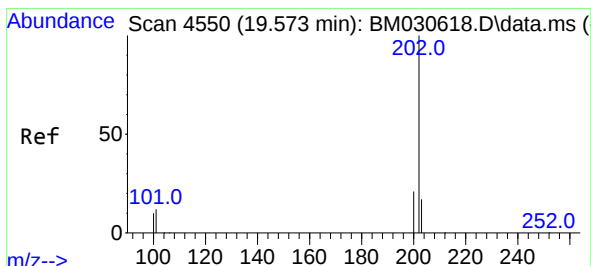
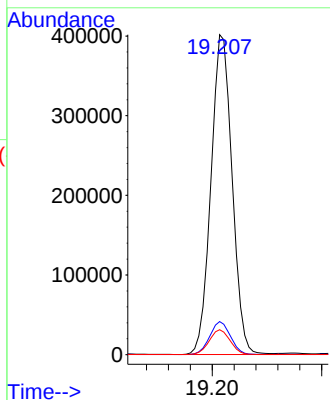
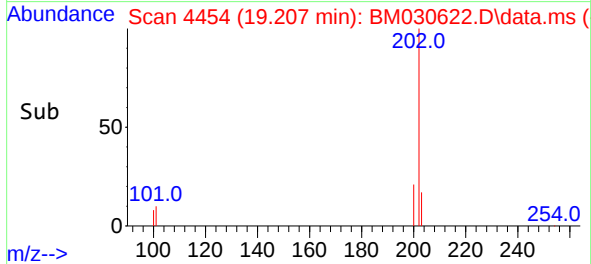
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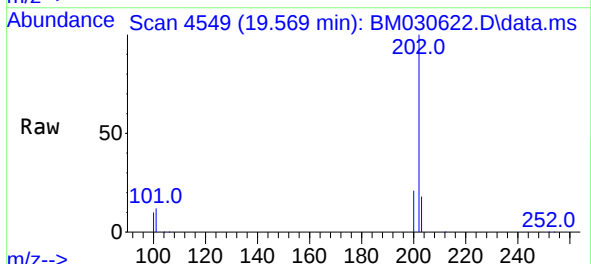
#19
Fluoranthene
Concen: 6.951 ng/u1
RT: 19.207 min Scan# 4454
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51



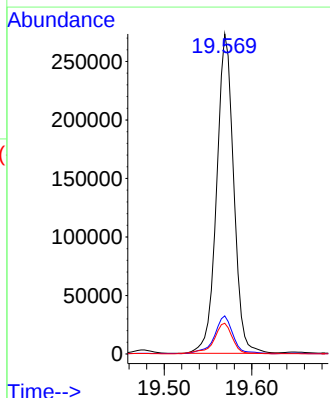
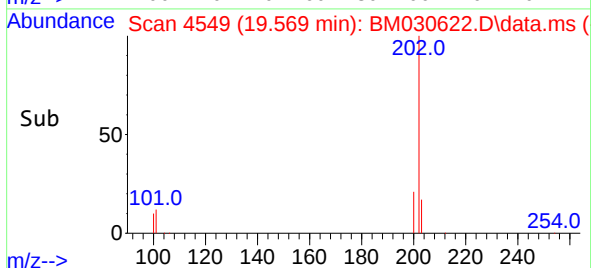
Tgt Ion:202 Resp: 537474
Ion Ratio Lower Upper
202 100
101 10.3 8.8 13.2
100 7.8 6.9 10.3



#20
Pyrene
Concen: 4.664 ng/u1
RT: 19.569 min Scan# 4549
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51



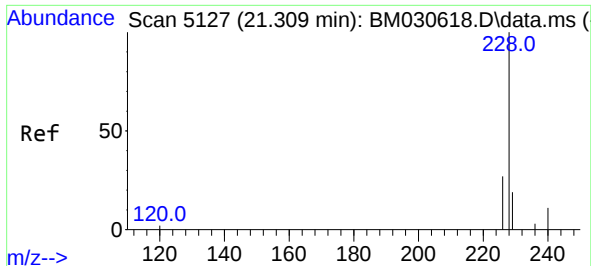
Tgt Ion:202 Resp: 369487
Ion Ratio Lower Upper
202 100
101 11.9 10.1 15.1
100 9.6 8.2 12.2



Instrument :
BNA_M
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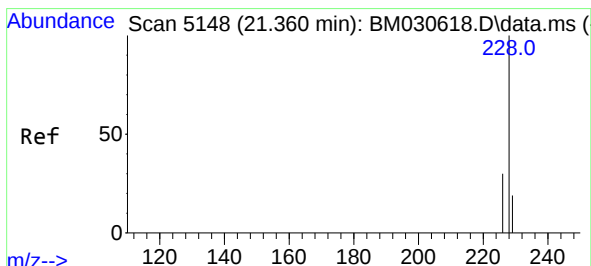
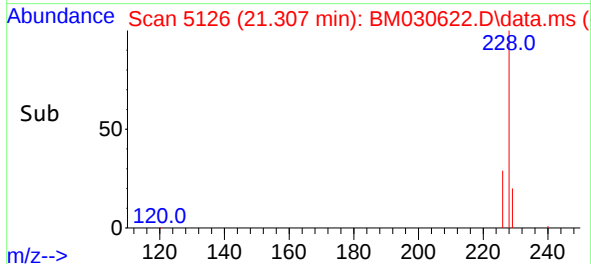
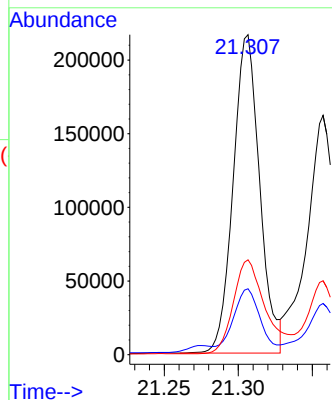
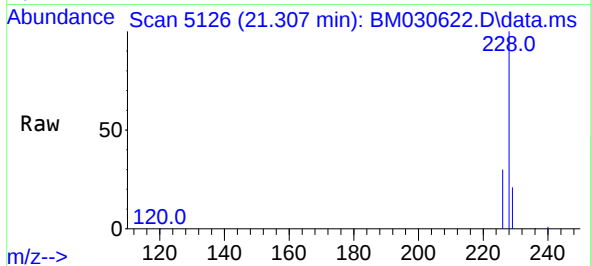
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Benzo(a)anthracene
Concen: 4.030 ng/ul
RT: 21.307 min Scan# 5126
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:228	Resp:	269270
Ion Ratio	Lower	Upper
228	100	
229	20.6	15.8 23.6
226	29.6	22.2 33.4

Instrument :
BNA_M
ClientSampled :
BGDE4DL

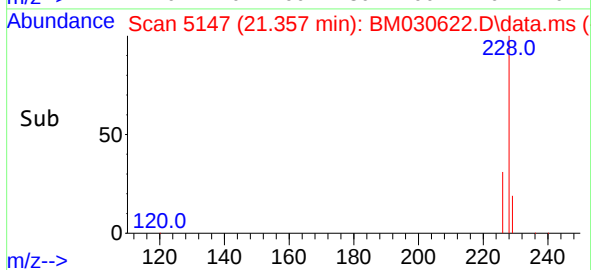
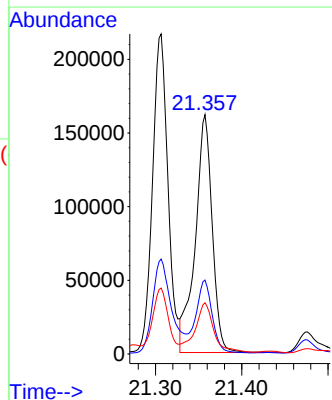
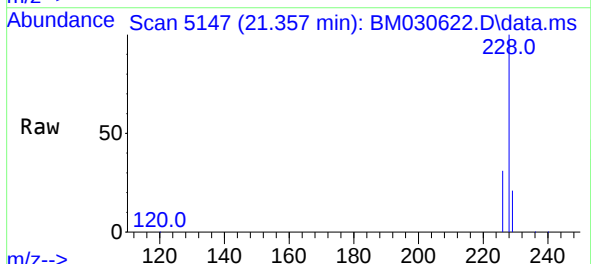
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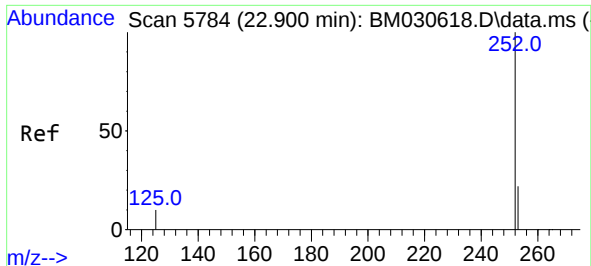
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#22
Chrysene
Concen: 2.977 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:228	Resp:	220841
Ion Ratio	Lower	Upper
228	100	
226	30.9	24.4 36.6
229	21.4	15.4 23.0





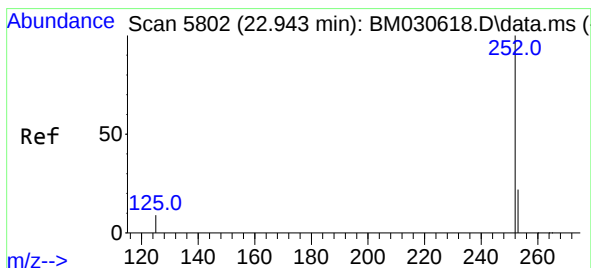
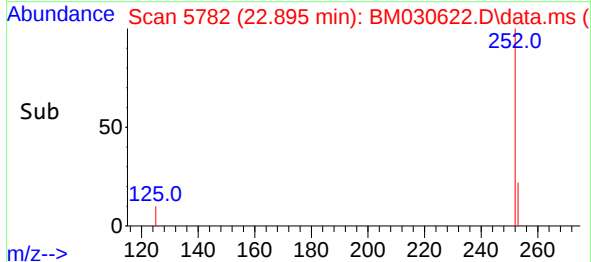
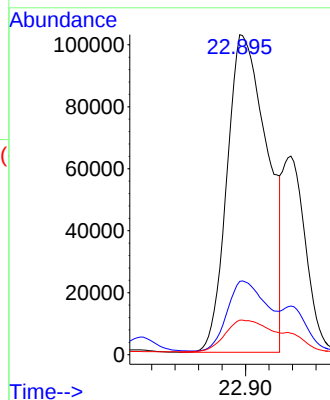
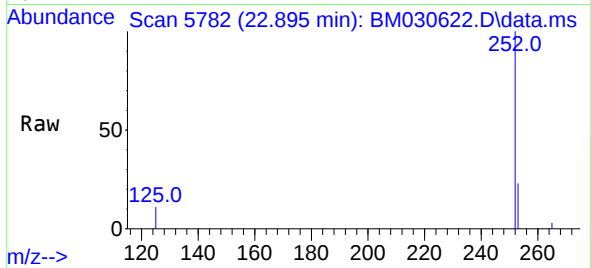
#24
Benzo(b)fluoranthene
Concen: 3.667 ng/ul m
RT: 22.895 min Scan# 5782
Delta R.T. -0.012 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:252 Resp: 244579
Ion Ratio Lower Upper
252 100
253 22.9 0.0 50.2
125 10.8 0.0 27.8

Instrument :
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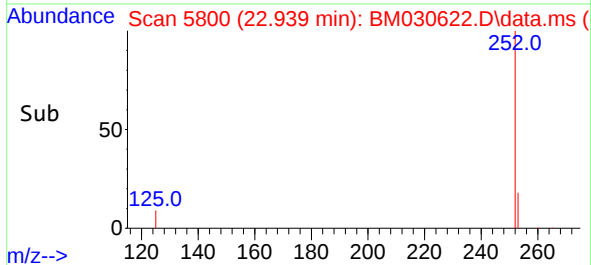
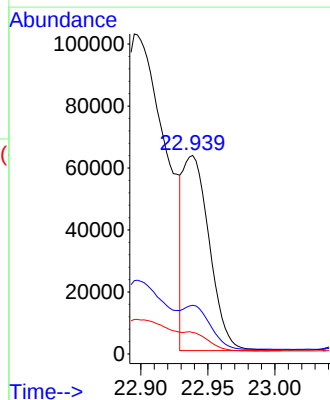
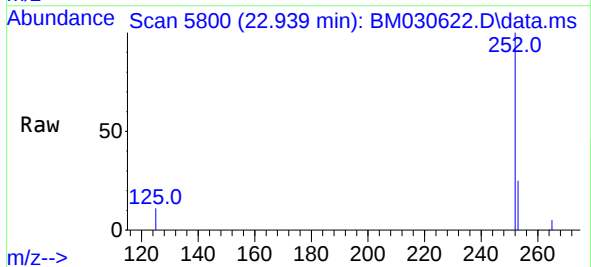
Manual Integrations
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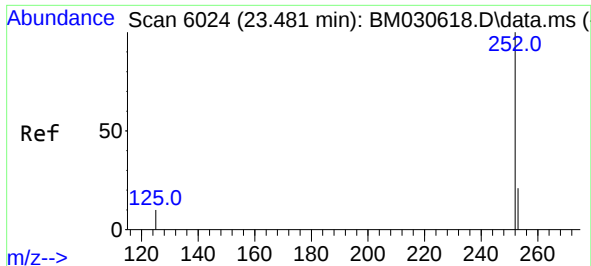
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#25
Benzo(k)fluoranthene
Concen: 1.232 ng/ul m
RT: 22.939 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:252 Resp: 86161
Ion Ratio Lower Upper
252 100
253 24.5 20.6 31.0
125 10.8 11.0 16.4#





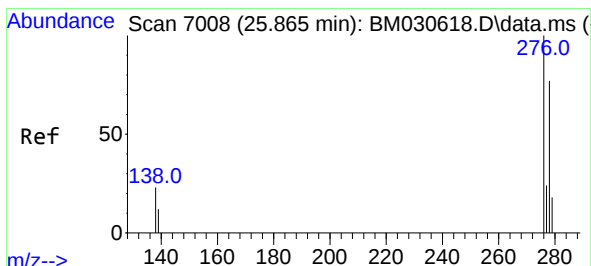
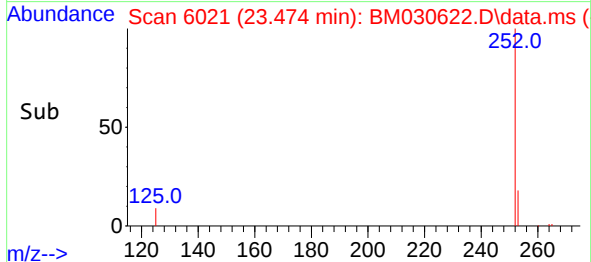
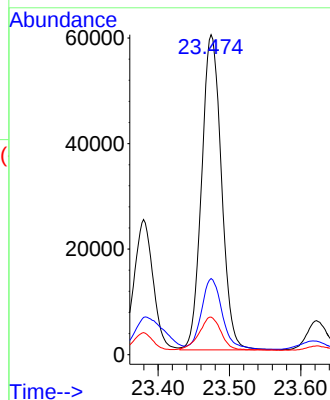
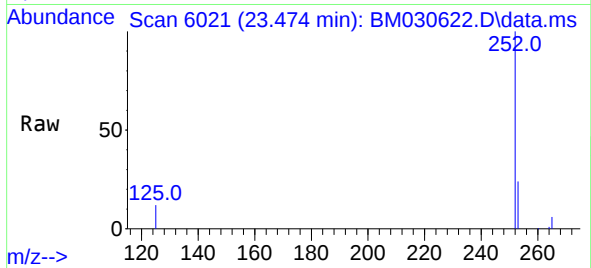
#26
Benzo(a)pyrene
Concen: 1.941 ng/ul
RT: 23.474 min Scan# 6021
Delta R.T. -0.014 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:252 Resp: 114858
Ion Ratio Lower Upper
252 100
253 23.8 22.0 33.0
125 11.8 13.4 20.2#

Instrument :
BNA_M
ClientSampleId :
BGDE4DL

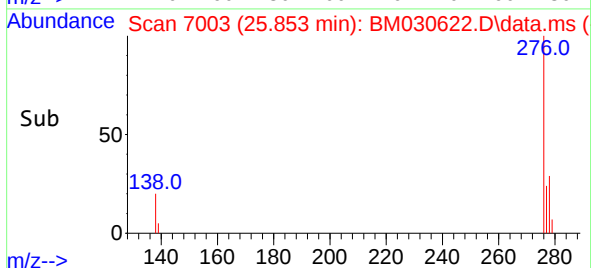
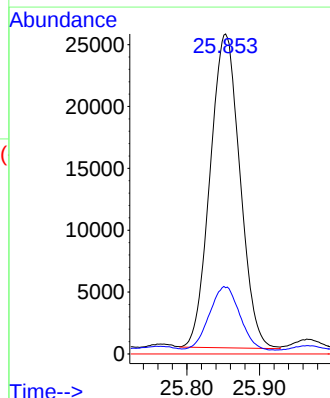
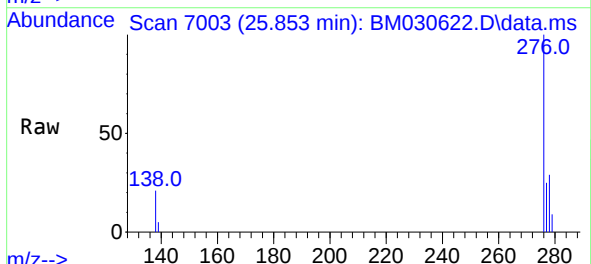
Manual Integrations
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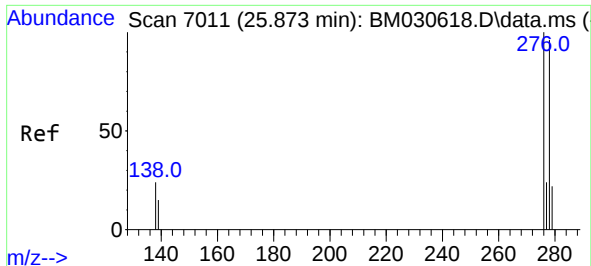
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.961 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:276 Resp: 72352
Ion Ratio Lower Upper
276 100
138 20.7 19.1 28.7
227 0.0 0.0 0.0





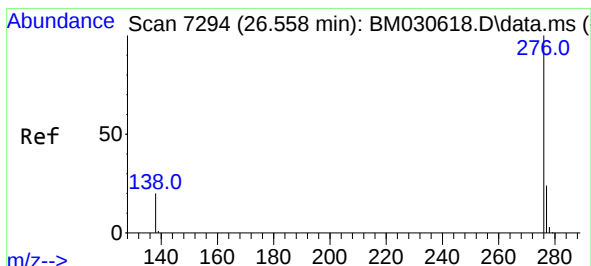
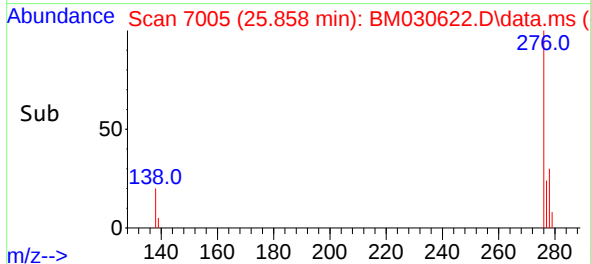
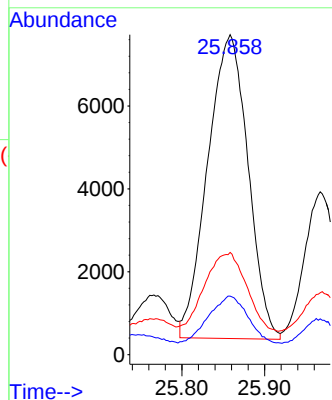
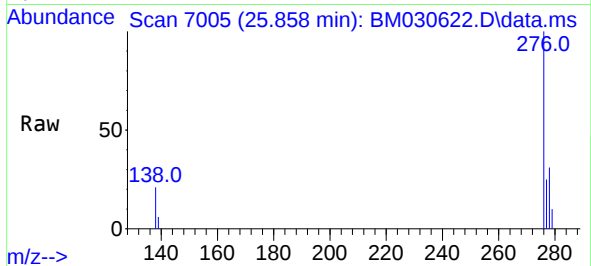
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 25.858 min Scan# 7005
Delta R.T. -0.029 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:	278	Resp:	24846
Ion Ratio	Lower	Upper	
278	100		
139	18.3	14.2	21.4
279	31.9	21.6	32.4

Instrument :
BNA_M
ClientSampled :
BGDE4DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.060 ng/ul
RT: 26.558 min Scan# 7294
Delta R.T. -0.009 min
Lab File: BM030622.D
Acq: 26 Jun 2021 04:51

Tgt Ion:	276	Resp:	3873
Ion Ratio	Lower	Upper	
276	100		
138	35.0	18.0	27.0#
277	40.0	19.5	29.3#

