

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030636.D
 Acq On : 26 Jun 2021 14:03
 Operator : CG/JU
 Sample : M2682-16
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDC0

Manual Integrations
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Quant Time: Jun 27 02:41:29 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 10:09:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.794	152	3356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.577	136	14260	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	8864	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.155	188	17296	0.400	ng/ul	0.00
17) Chrysene-d12	21.321	240	12358	0.400	ng/ul	0.00
23) Perylene-d12	23.576	264	11762	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	7645	2.129	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.169	152	3379	0.148	ng/ul	0.00
18) Fluoranthene-d10	19.176	212	7942	0.210	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.626	128	4909	0.116	ng/ul	96
7) 2-Methylnaphthalene	12.245	142	663	0.023	ng/ul	99
10) Acenaphthylene	14.140	152	5607	0.135	ng/ul	97
11) Acenaphthene	14.481	153	6628	0.196	ng/ul	100
12) Fluorene	15.467	166	3546	0.095	ng/ul#	97
15) Phenanthrene	17.197	178	59956	0.974	ng/ul	99
16) Anthracene	17.287	178	23451	0.435	ng/ul	99
19) Fluoranthene	19.207	202	200049	3.521	ng/ul	98
20) Pyrene	19.569	202	157877	2.712	ng/ul	99
21) Benzo(a)anthracene	21.304	228	105930	2.158	ng/ul	98
22) Chrysene	21.357	228	91222	1.674	ng/ul	98
24) Benzo(b)fluoranthene	22.900	252	114416m	2.236	ng/ul	
25) Benzo(k)fluoranthene	22.939	252	42436m	0.791	ng/ul	
26) Benzo(a)pyrene	23.476	252	74224	1.635	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.853	276	44453	0.770	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.863	278	12376	0.269	ng/ul#	89
29) Benzo(g,h,i)perylene	26.553	276	4842	0.097	ng/ul#	84

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

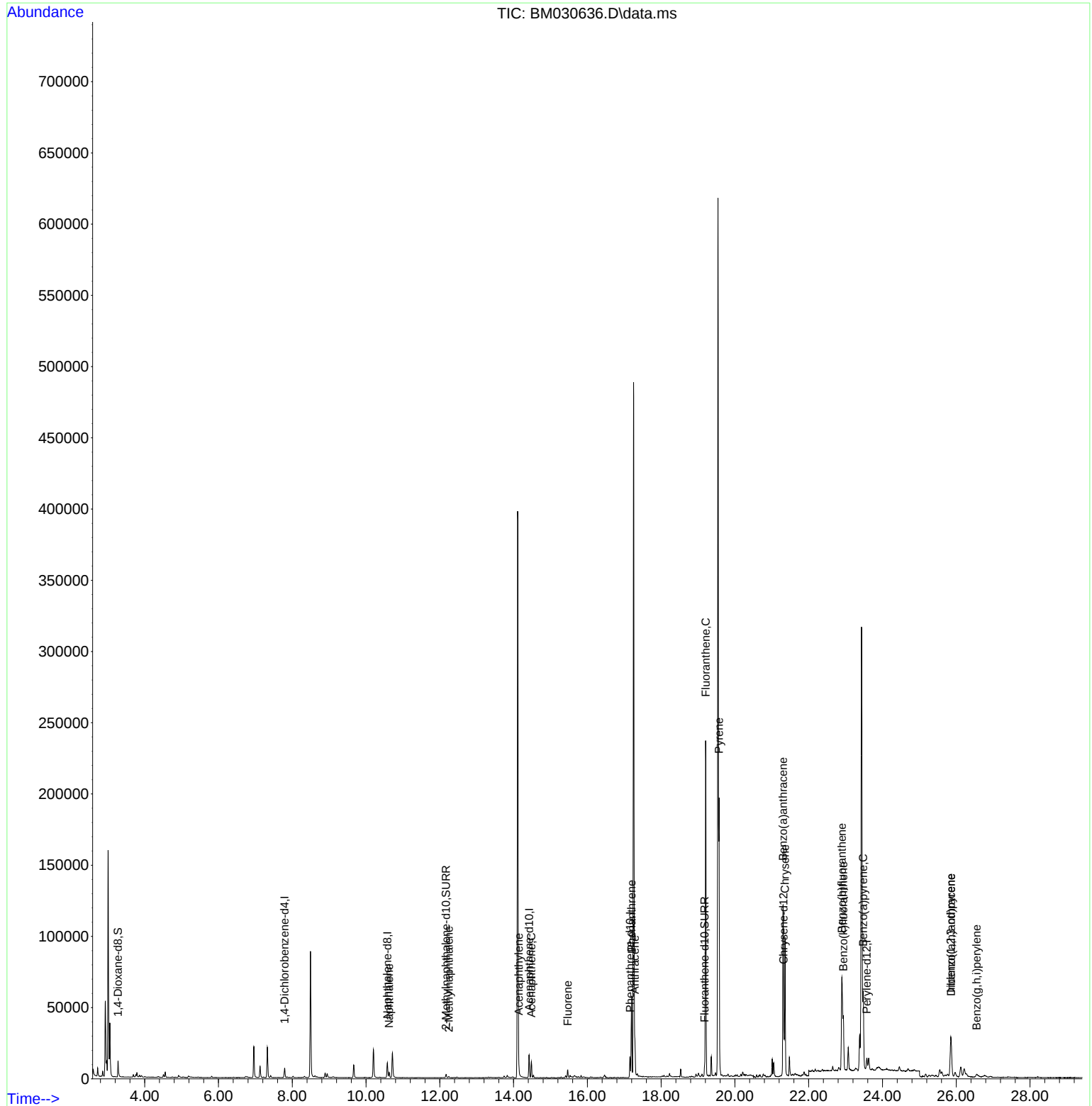
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
Data File : BM030636.D
Acq On : 26 Jun 2021 14:03
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ALS Vial : 48 Sample Multiplier: 1

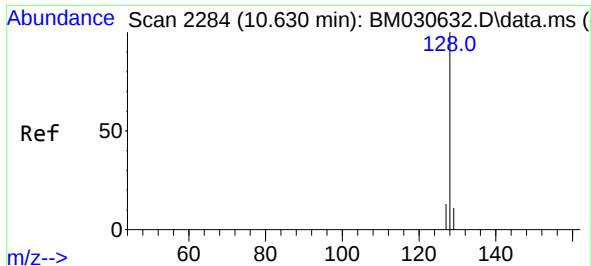
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ClientSampleId :
BGDC0

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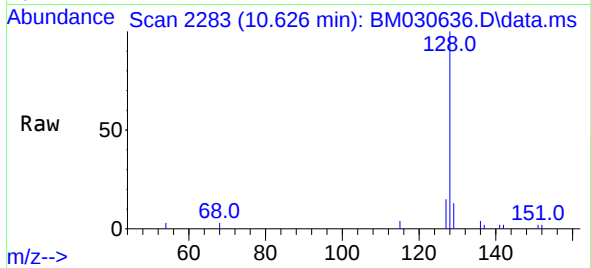
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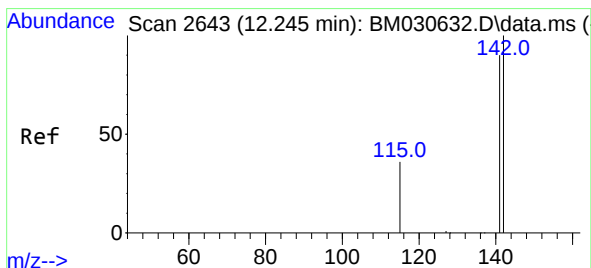
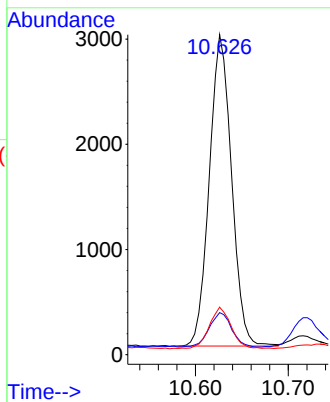
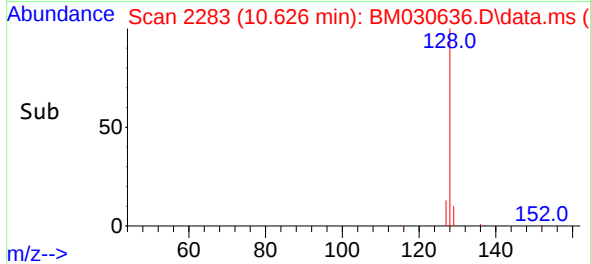


#5
Naphthalene
Concen: 0.116 ng/ul
RT: 10.626 min Scan# 2283
Delta R.T. -0.009 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

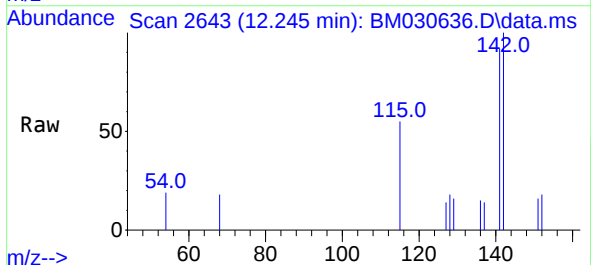


Tgt Ion:128 Resp: 4909

Ion	Ratio	Lower	Upper
128	100		
129	13.1	9.0	13.6
127	14.9	10.9	16.3

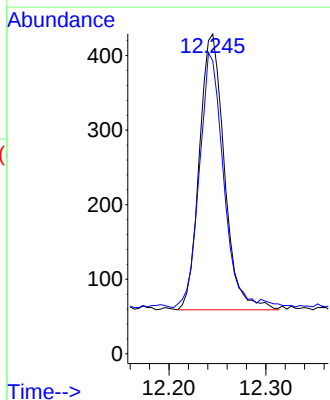
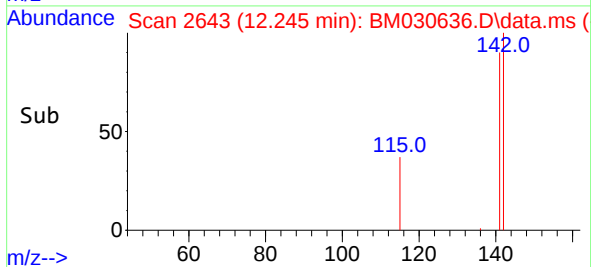


#7
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



Tgt Ion:142 Resp: 663

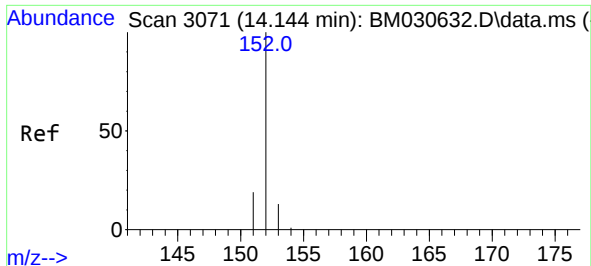
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0



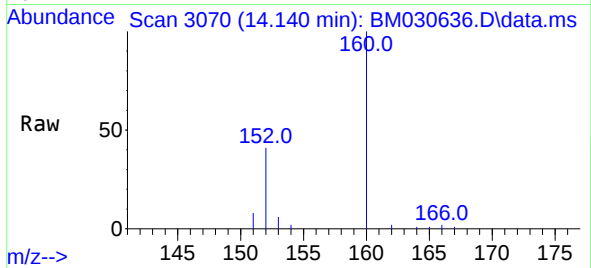
Instrument :
BNA_M
ClientSampled :
BGDC0

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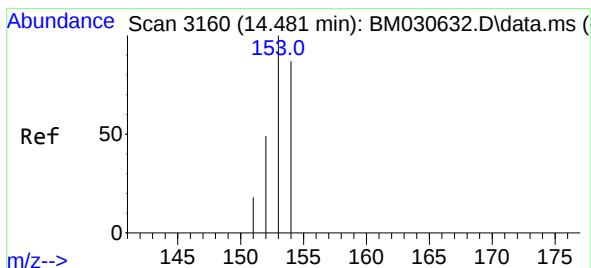
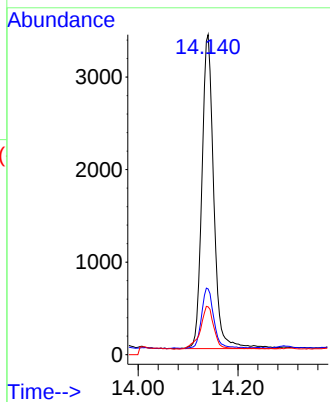
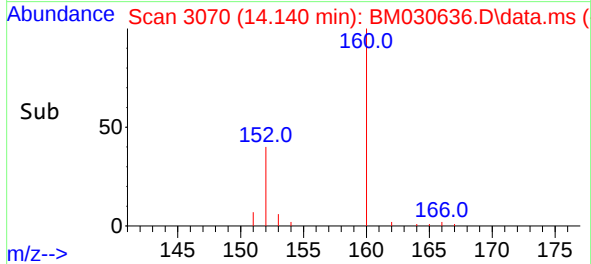
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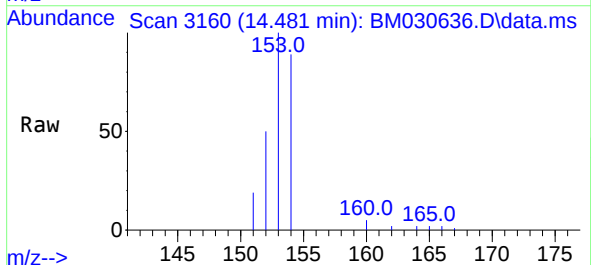
#10
Acenaphthylene
Concen: 0.135 ng/ul
RT: 14.140 min Scan# 3070
Delta R.T. -0.004 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



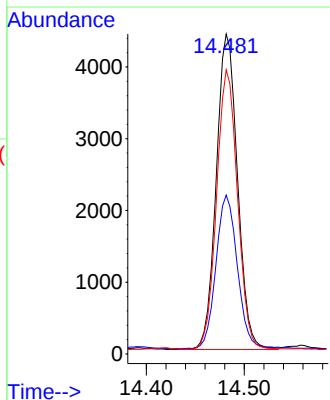
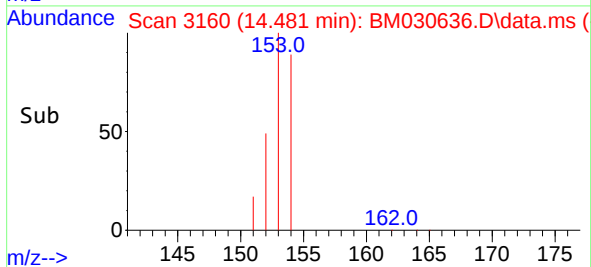
Tgt Ion:152 Resp: 5607
Ion Ratio Lower Upper
152 100
151 20.6 15.5 23.3
153 14.9 10.7 16.1



#11
Acenaphthene
Concen: 0.196 ng/ul
RT: 14.481 min Scan# 3160
Delta R.T. -0.004 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



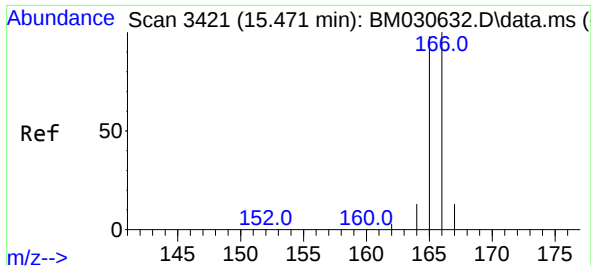
Tgt Ion:153 Resp: 6628
Ion Ratio Lower Upper
153 100
152 49.7 40.2 60.2
154 88.8 71.2 106.8



Instrument :
BNA_M
ClientSampleId :
BGDC0

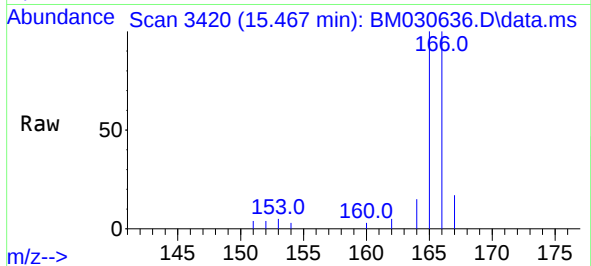
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#12
Fluorene
Concen: 0.095 ng/u1
RT: 15.467 min Scan# 3420
Delta R.T. -0.007 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

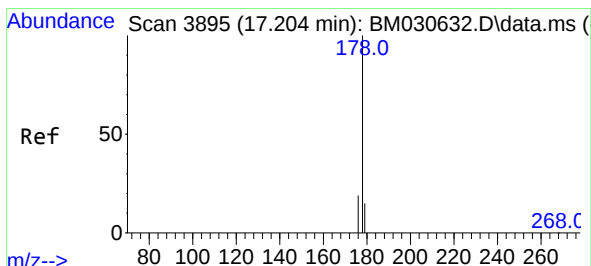
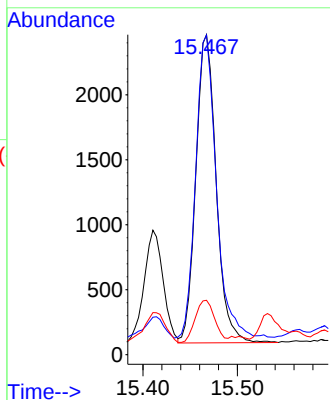
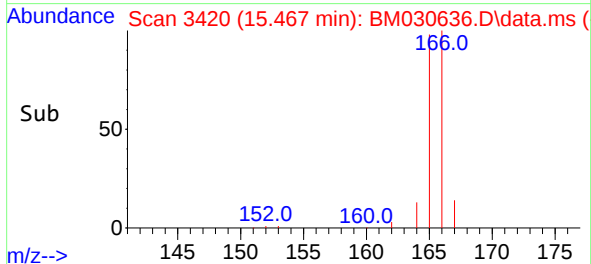
Instrument :
BNA_M
ClientSampled :
BGDC0



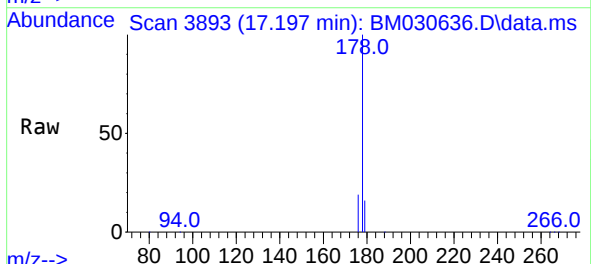
Tgt Ion:166 Resp: 3546
Ion Ratio Lower Upper
166 100
165 99.9 77.7 116.5
167 17.0 11.3 16.9#

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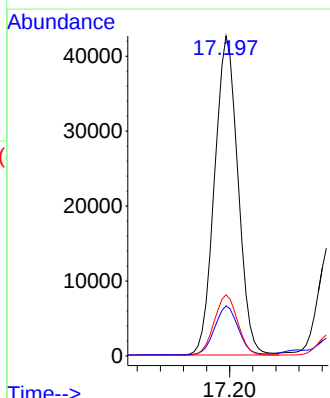
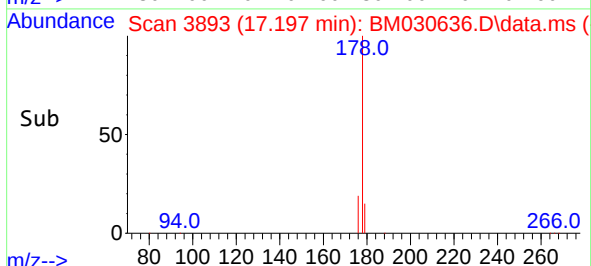
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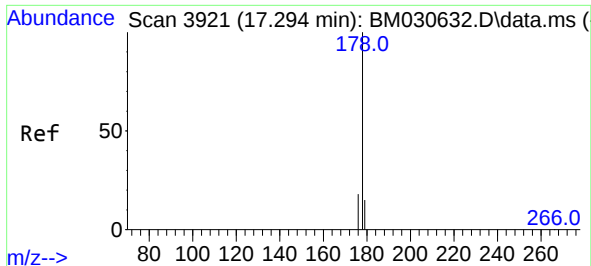


#15
Phenanthrene
Concen: 0.974 ng/u1
RT: 17.197 min Scan# 3893
Delta R.T. -0.007 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



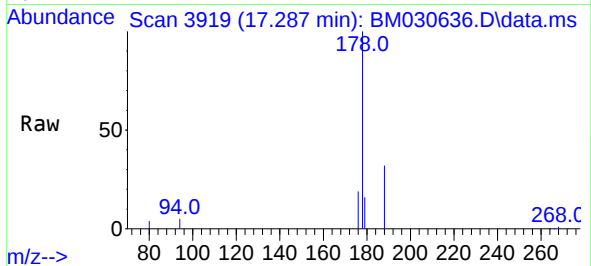
Tgt Ion:178 Resp: 59956
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.1 15.5 23.3





#16
 Anthracene
 Concen: 0.435 ng/ul
 RT: 17.287 min Scan# 3919
 Delta R.T. -0.010 min
 Lab File: BM030636.D
 Acq: 26 Jun 2021 14:03

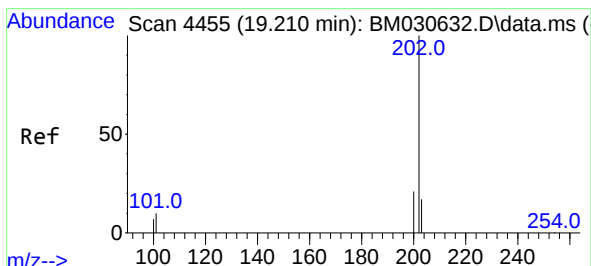
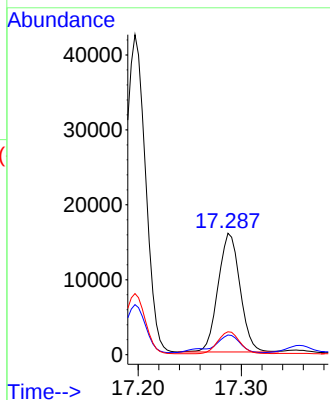
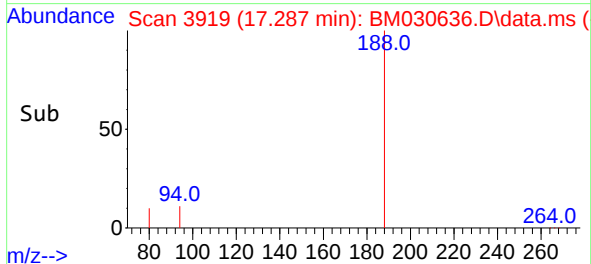
Instrument :
 BNA_M
 ClientSampled :
 BGDC0



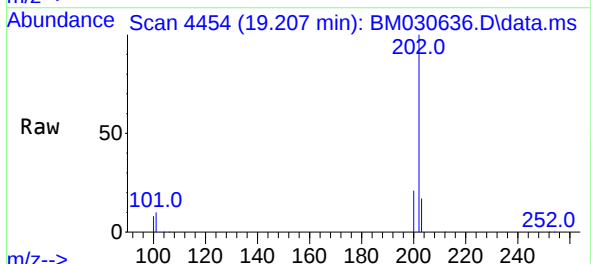
Tgt Ion:178 Resp: 23451
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.7 19.1
 176 18.8 15.2 22.8

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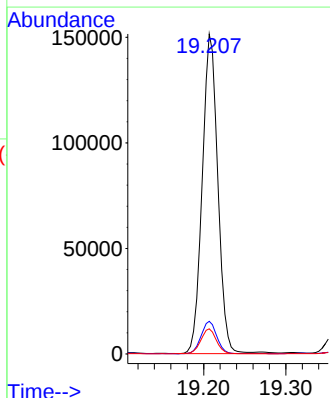
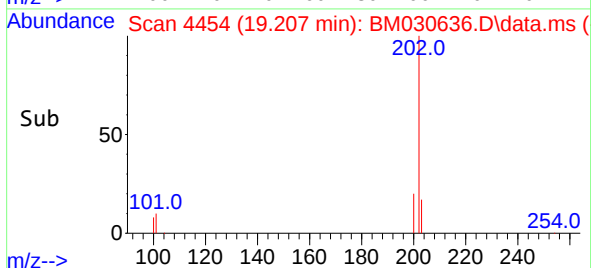
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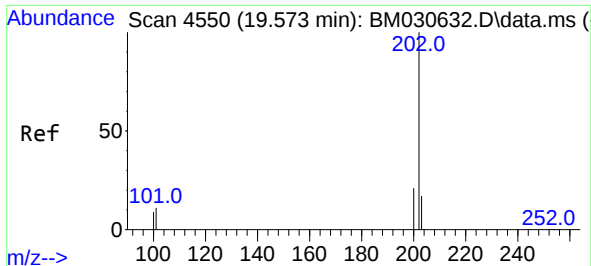


#19
 Fluoranthene
 Concen: 3.521 ng/ul
 RT: 19.207 min Scan# 4454
 Delta R.T. -0.008 min
 Lab File: BM030636.D
 Acq: 26 Jun 2021 14:03



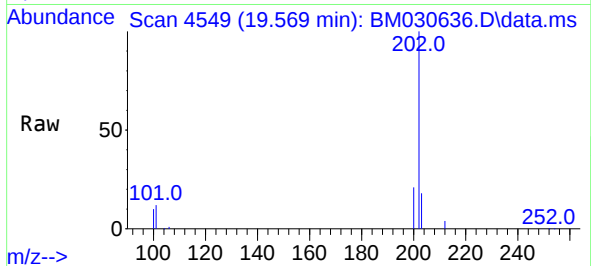
Tgt Ion:202 Resp: 200049
 Ion Ratio Lower Upper
 202 100
 101 10.2 8.8 13.2
 100 7.8 6.9 10.3





#20
Pyrene
Concen: 2.712 ng/ul
RT: 19.569 min Scan# 4549
Delta R.T. -0.008 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

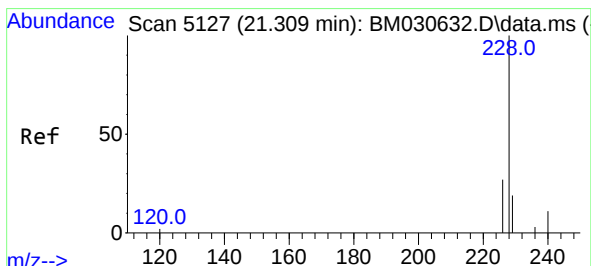
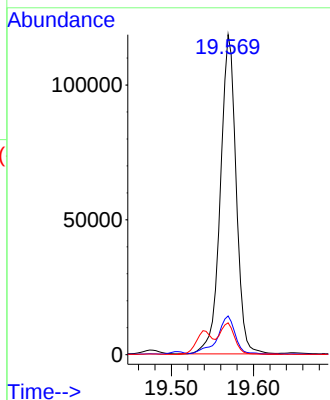
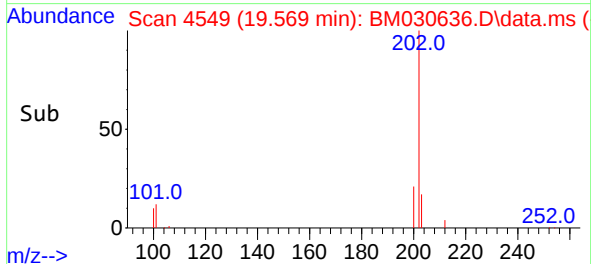
Instrument :
BNA_M
ClientSampled :
BGDC0



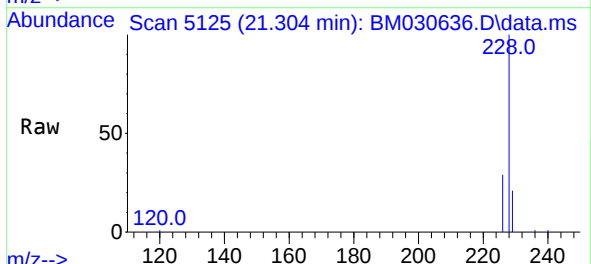
Tgt Ion:202 Resp: 157877
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.9 8.2 12.2

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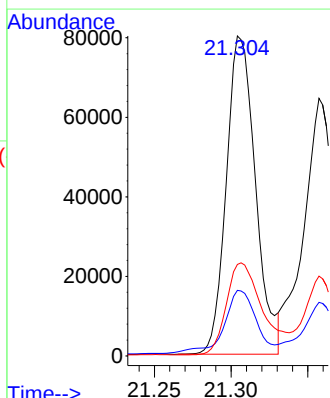
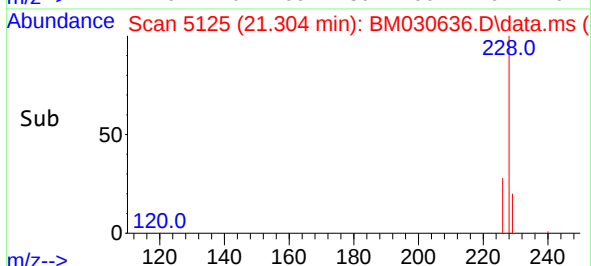
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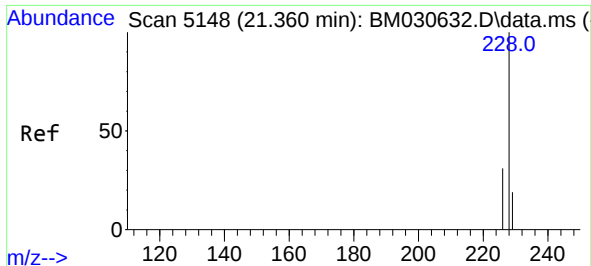


#21
Benzo(a)anthracene
Concen: 2.158 ng/ul
RT: 21.304 min Scan# 5125
Delta R.T. -0.010 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

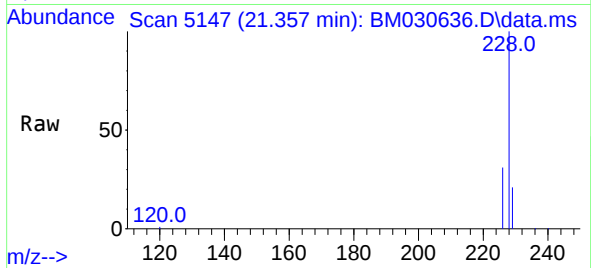


Tgt Ion:228 Resp: 105930
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.6 22.2 33.4

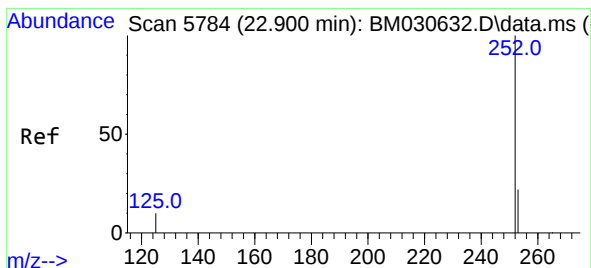
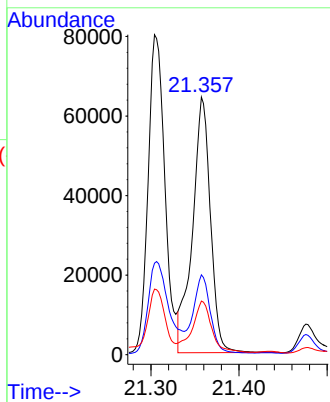
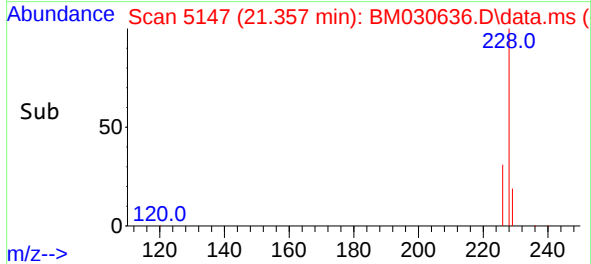




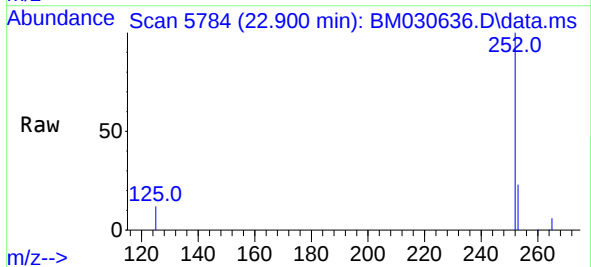
#22
Chrysene
Concen: 1.674 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. -0.007 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



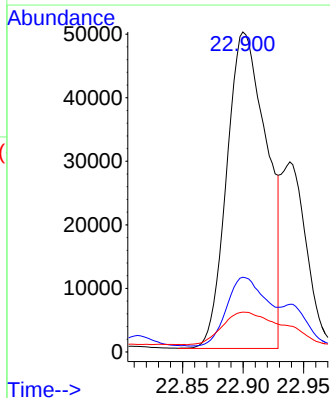
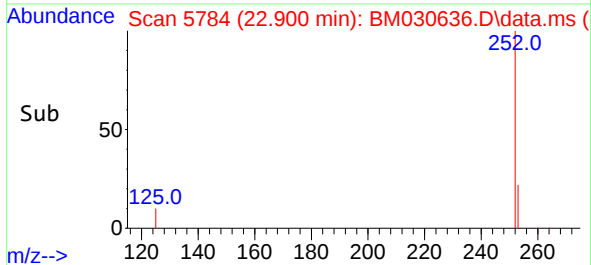
Tgt Ion:228 Resp: 91222
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 20.8 15.4 23.0



#24
Benzo(b)fluoranthene
Concen: 2.236 ng/ul m
RT: 22.900 min Scan# 5784
Delta R.T. -0.007 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



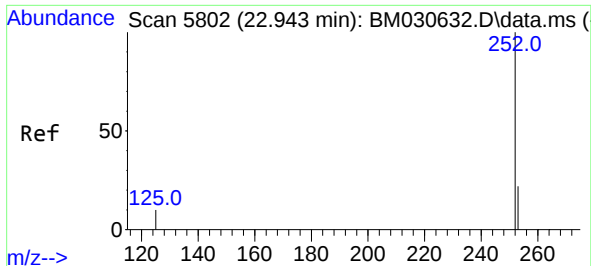
Tgt Ion:252 Resp: 114416
Ion Ratio Lower Upper
252 100
253 23.4 0.0 50.2
125 12.5 0.0 27.8



Instrument :
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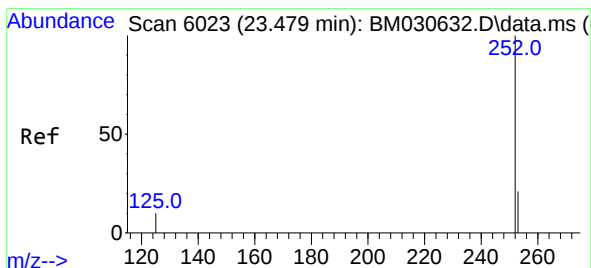
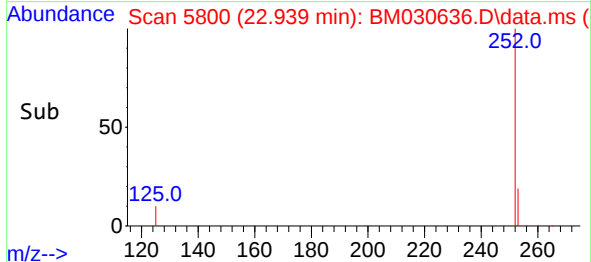
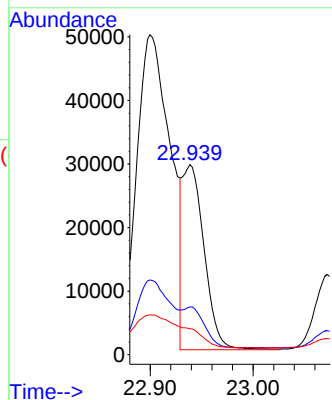
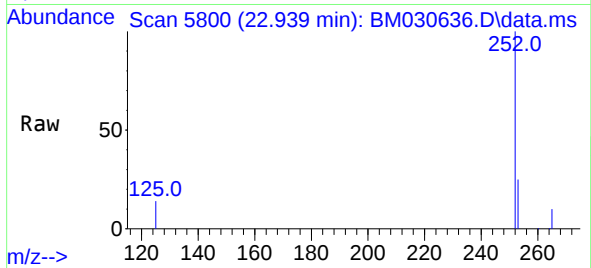
#25
Benzo(k)fluoranthene
Concen: 0.791 ng/ul m
RT: 22.939 min Scan# 5800
Delta R.T. -0.014 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

Tgt Ion:252	Resp:	42436
Ion Ratio	Lower	Upper
252	100	
253	25.1	20.6 31.0
125	13.7	11.0 16.4

Instrument :
BNA_M
ClientSampled :
BGDC0

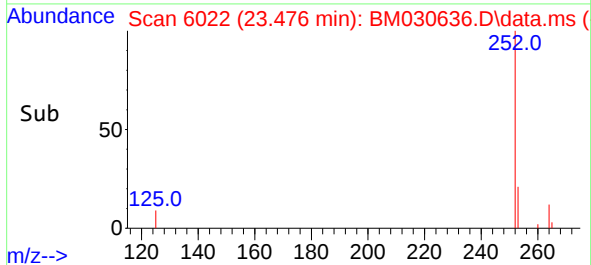
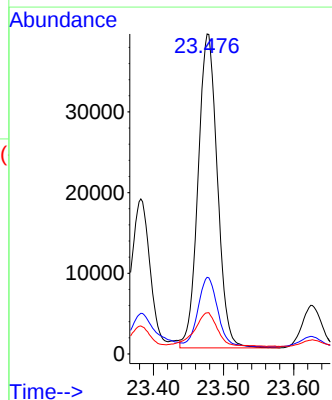
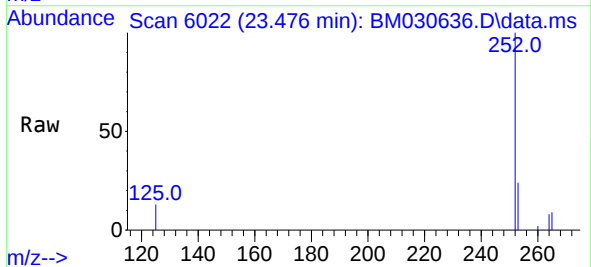
Manual Integrations
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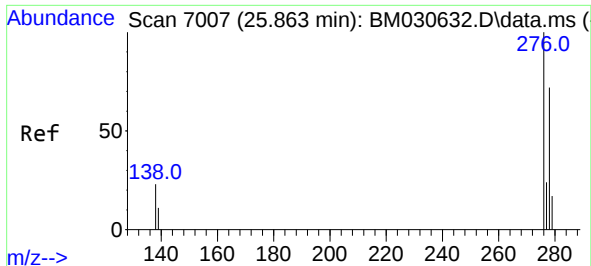
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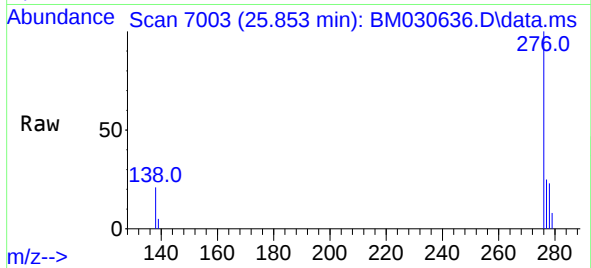
#26
Benzo(a)pyrene
Concen: 1.635 ng/ul
RT: 23.476 min Scan# 6022
Delta R.T. -0.012 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

Tgt Ion:252	Resp:	74224
Ion Ratio	Lower	Upper
252	100	
253	24.0	22.0 33.0
125	12.9	13.4 20.2#

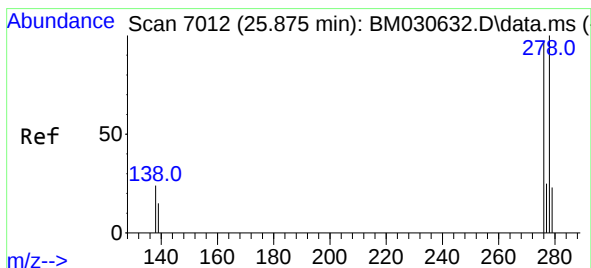
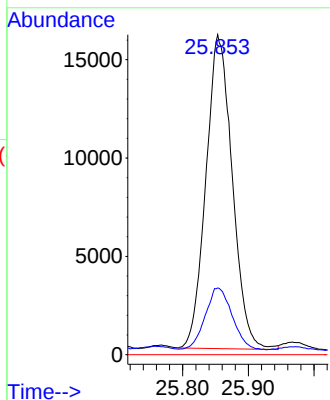
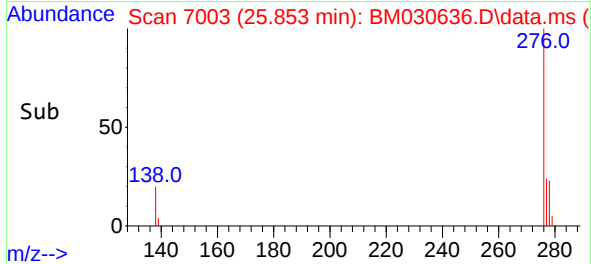




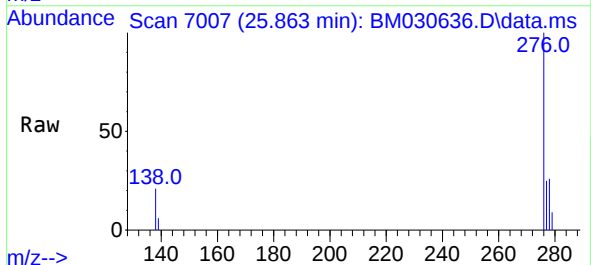
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.770 ng/ul
RT: 25.853 min Scan# 7003
Delta R.T. -0.019 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



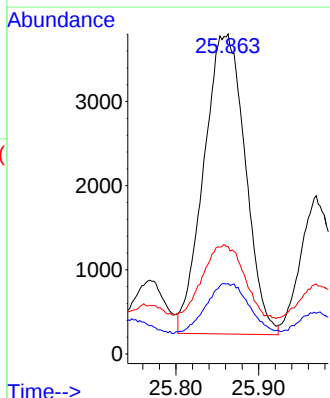
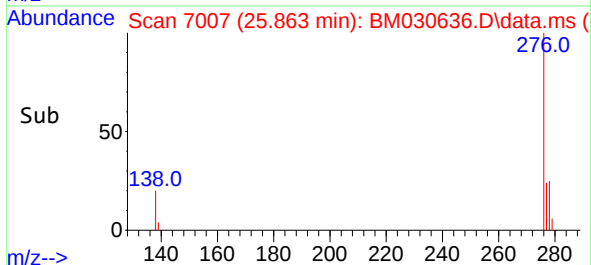
Tgt Ion: 276 Resp: 44453
Ion Ratio Lower Upper
276 100
138 20.3 19.1 28.7
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.269 ng/ul
RT: 25.863 min Scan# 7007
Delta R.T. -0.024 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03



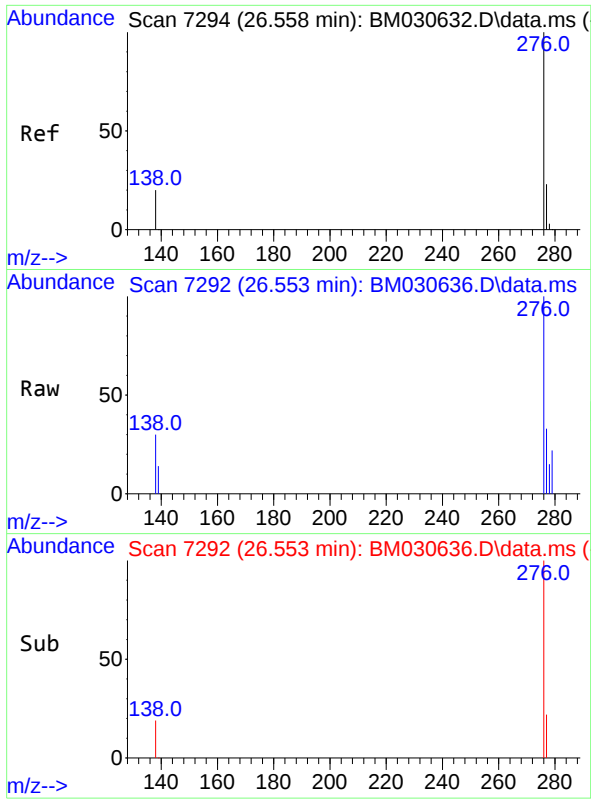
Tgt Ion: 278 Resp: 12376
Ion Ratio Lower Upper
278 100
139 22.0 14.2 21.4#
279 33.6 21.6 32.4#



Instrument :
BNA_M
ClientSampled :
BGDC0

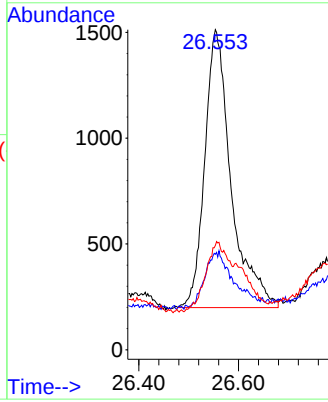
Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 26.553 min Scan# 7292
Delta R.T. -0.014 min
Lab File: BM030636.D
Acq: 26 Jun 2021 14:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	18.0	27.0#
277	32.6	19.5	29.3#



Instrument :
BNA_M
ClientSampleId :
BGDC0

Manual Integrations
APPROVED

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