

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
 Data File : BM030569.D
 Acq On : 24 Jun 2021 11:19
 Operator : CG/JU
 Sample : M2662-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE5

Manual Integrations
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Quant Time: Jun 24 11:49:44 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 01:55:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	3556	0.400	ng/ul	0.00
4) Naphthalene-d8	10.586	136	13975	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	8654	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	16575m	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	13389	0.400	ng/ul	# 0.00
23) Perylene-d12	23.581	264	11086	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	20894	5.492	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.178	152	8655	0.387	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	19808	0.483	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.635	128	37947	0.913	ng/ul	99
7) 2-Methylnaphthalene	12.250	142	7393	0.264	ng/ul	99
8) 1-Methylnaphthalene	12.470	142	3537	0.130	ng/ul	99
10) Acenaphthylene	14.148	152	37225	0.919	ng/ul	100
11) Acenaphthene	14.489	153	20626	0.625	ng/ul	98
12) Fluorene	15.471	166	22008	0.602	ng/ul	99
15) Phenanthrene	17.204	178	194681	3.299	ng/ul	99
16) Anthracene	17.294	178	223343	4.320	ng/ul	99
19) Fluoranthene	19.214	202	1582483	25.709	ng/ul	99
20) Pyrene	19.577	202	629469	9.982	ng/ul	99
21) Benzo(a)anthracene	21.311	228	949810	17.858	ng/ul	97
22) Chrysene	21.365	228	745630	12.628	ng/ul	97
24) Benzo(b)fluoranthene	22.907	252	768037m	15.927	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	308889m	6.107	ng/ul	
26) Benzo(a)pyrene	23.486	252	136914	3.199	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.865	276	115672	2.126	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.873	278	80905	1.864	ng/ul	95
29) Benzo(g,h,i)perylene	26.568	276	2015	0.043	ng/ul#	45

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

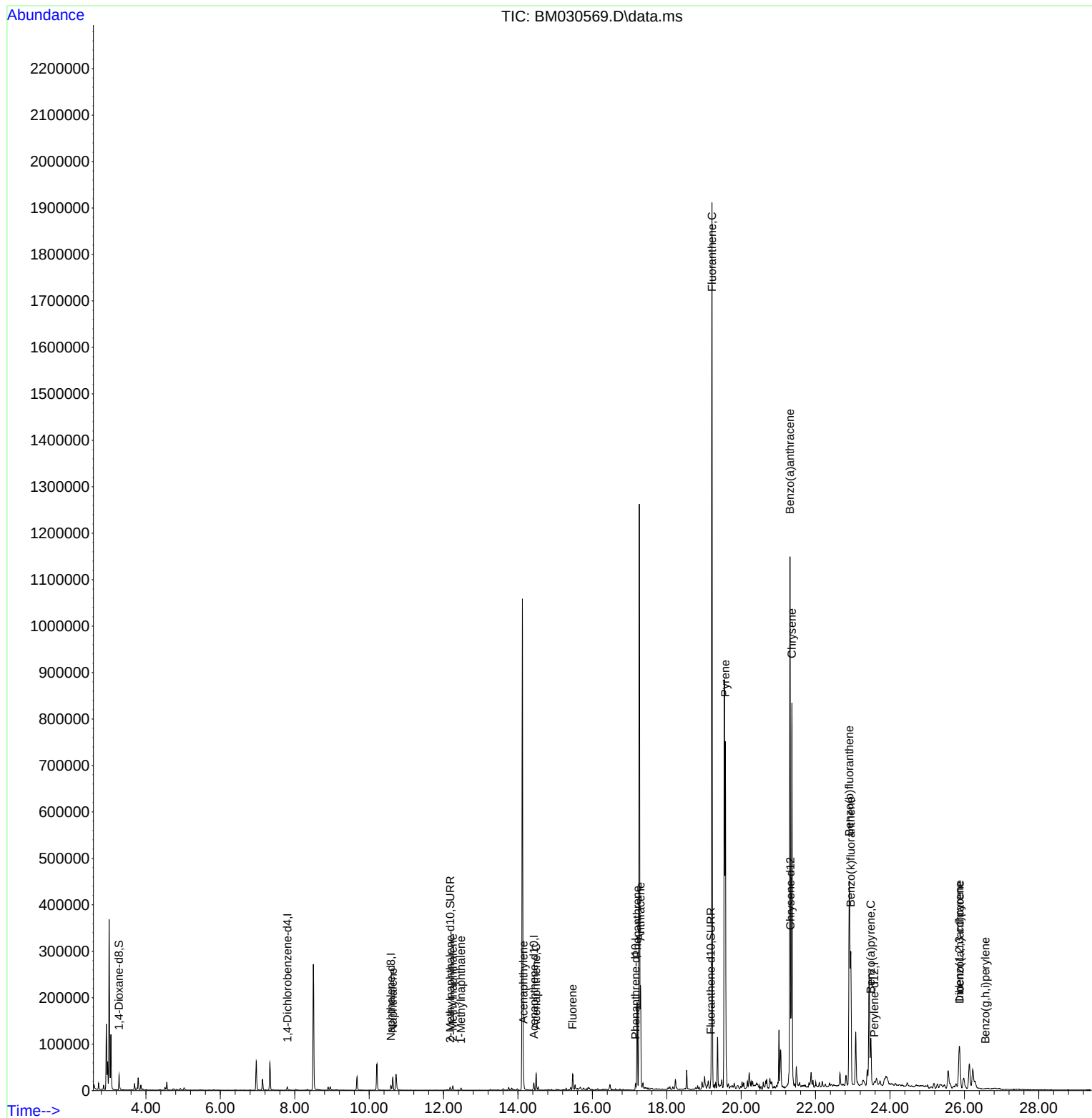
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062421\
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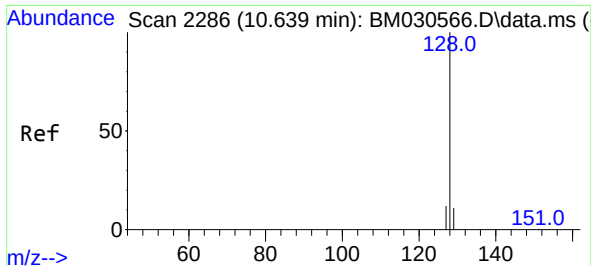
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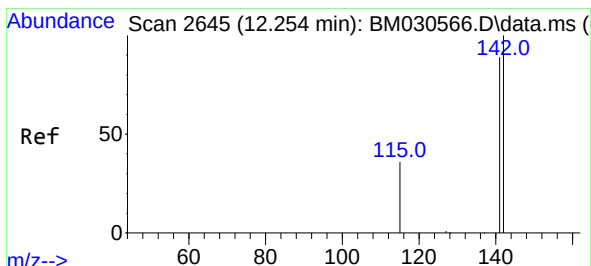
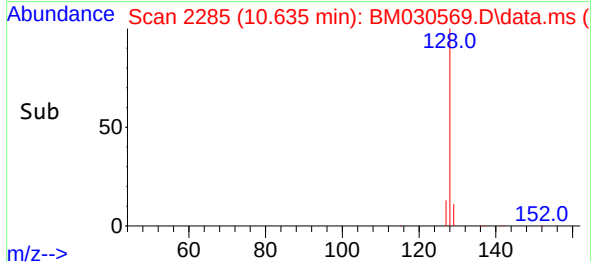
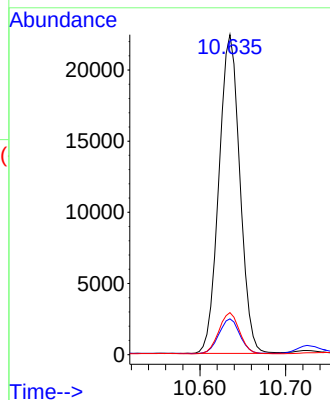
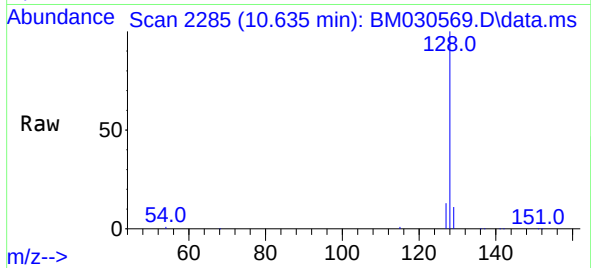
#5
Naphthalene
Concen: 0.913 ng/ul
RT: 10.635 min Scan# 2285
Delta R.T. -0.005 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:128	Resp:	37947
Ion Ratio	Lower	Upper
128	100	
129	11.2	9.0 13.6
127	13.2	10.9 16.3

Instrument :
BNA_M
ClientSampled :
BGDE5

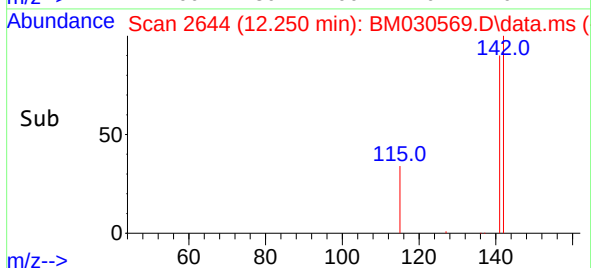
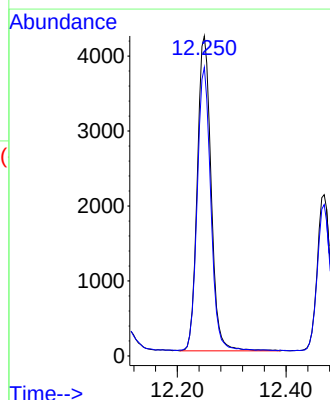
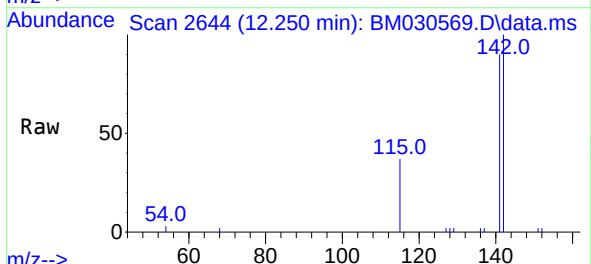
Manual Integrations
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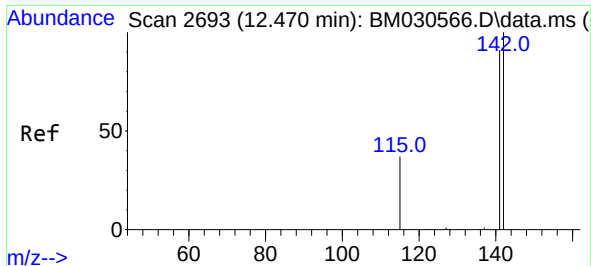
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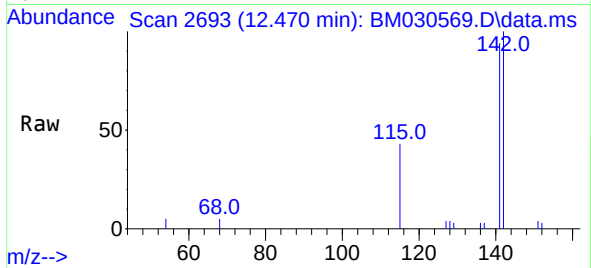
#7
2-Methylnaphthalene
Concen: 0.264 ng/ul
RT: 12.250 min Scan# 2644
Delta R.T. -0.005 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:142	Resp:	7393
Ion Ratio	Lower	Upper
142	100	
141	88.2	71.4 107.0

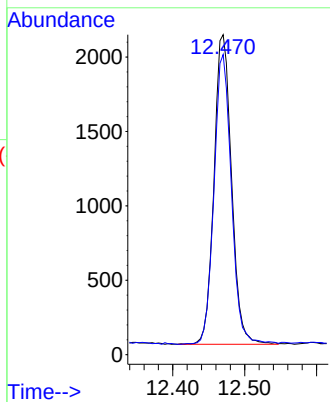
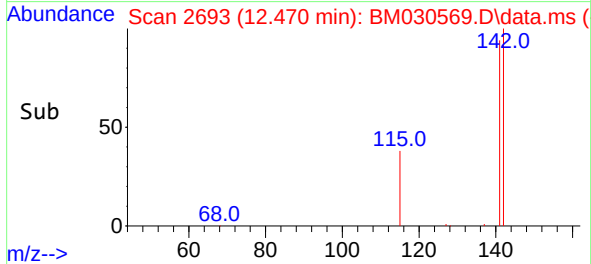




#8
1-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.470 min Scan# 2693
Delta R.T. -0.005 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19



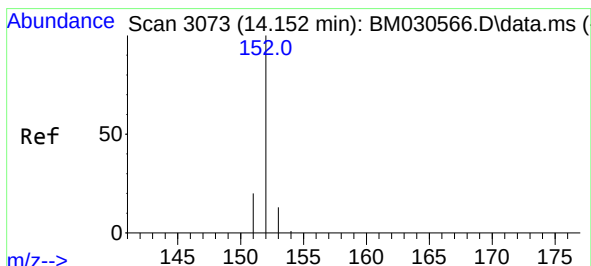
Tgt Ion:142 Resp: 3537
Ion Ratio Lower Upper
142 100
141 92.9 73.4 110.0



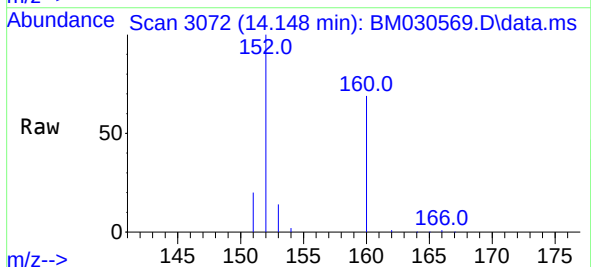
Instrument :
BNA_M
ClientSampled :
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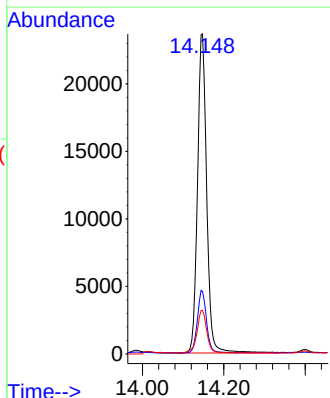
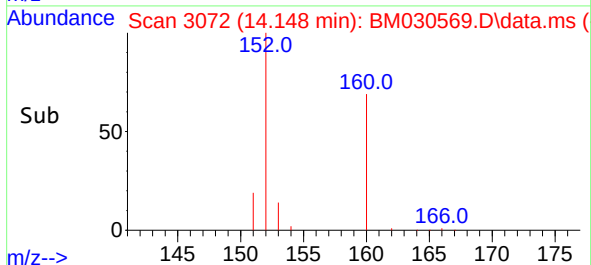
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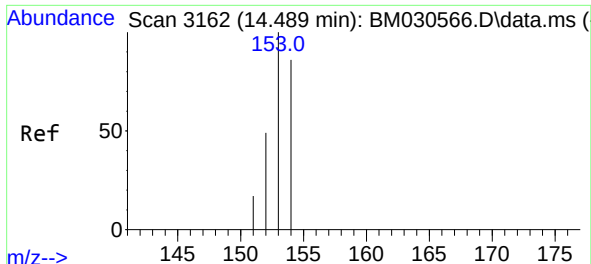


#10
Acenaphthylene
Concen: 0.919 ng/ul
RT: 14.148 min Scan# 3072
Delta R.T. -0.004 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

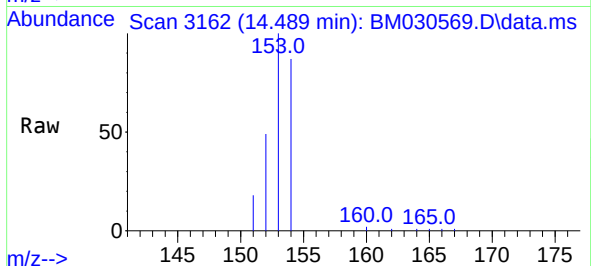


Tgt Ion:152 Resp: 37225
Ion Ratio Lower Upper
152 100
151 19.6 15.5 23.3
153 13.6 10.7 16.1

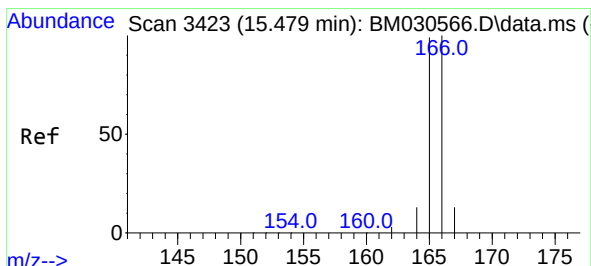
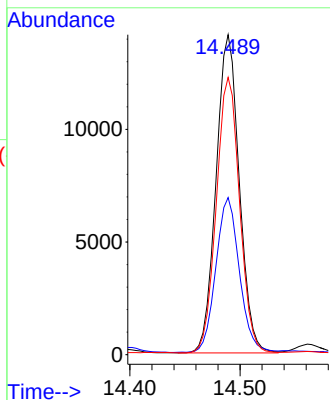
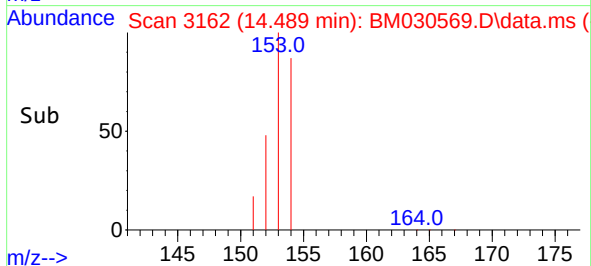




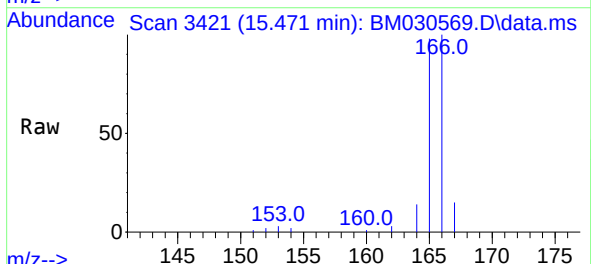
#11
Acenaphthene
Concen: 0.625 ng/ul
RT: 14.489 min Scan# 3162
Delta R.T. -0.004 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19



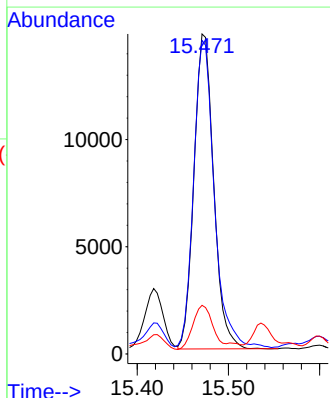
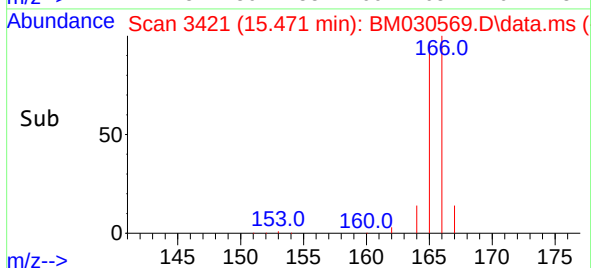
Tgt Ion:153 Resp: 20626
Ion Ratio Lower Upper
153 100
152 49.1 40.2 60.2
154 86.6 71.2 106.8



#12
Fluorene
Concen: 0.602 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.011 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19



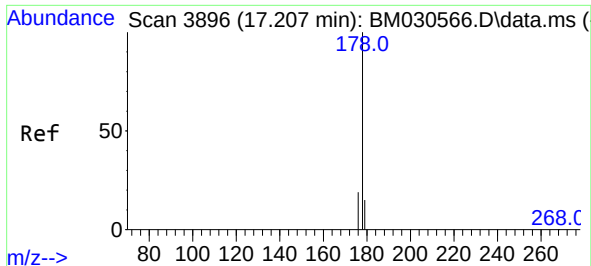
Tgt Ion:166 Resp: 22008
Ion Ratio Lower Upper
166 100
165 98.0 77.7 116.5
167 15.2 11.3 16.9



Instrument :
BNA_M
ClientSampleId :
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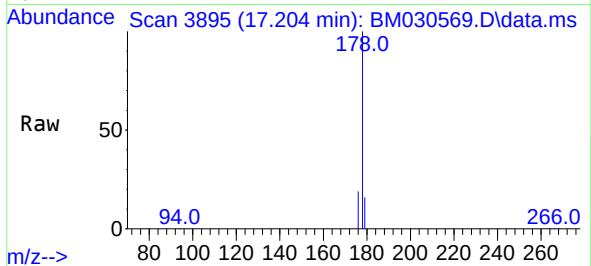
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#15
Phenanthrene
Concen: 3.299 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. -0.003 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

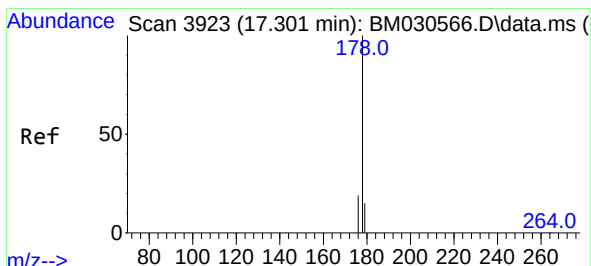
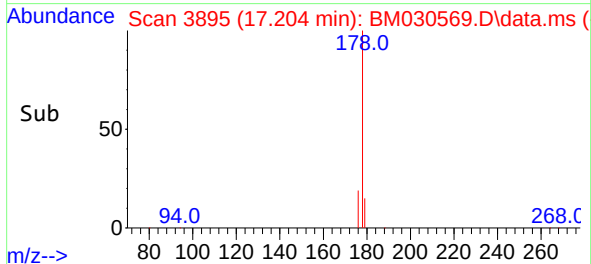
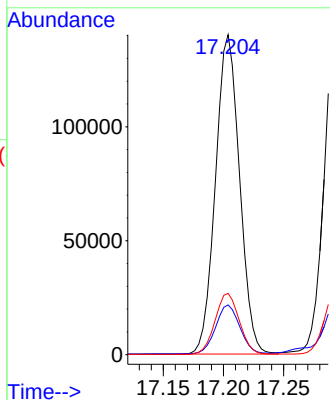
Instrument :
BNA_M
ClientSampled :
BGDE5



Tgt Ion:178 Resp: 194681
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.2 15.5 23.3

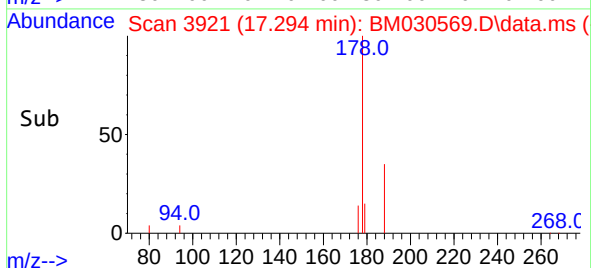
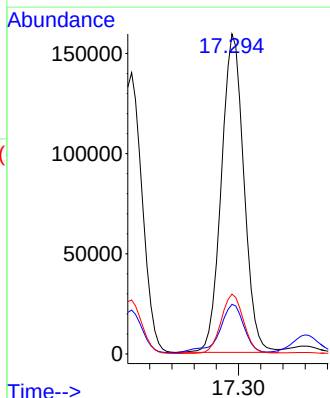
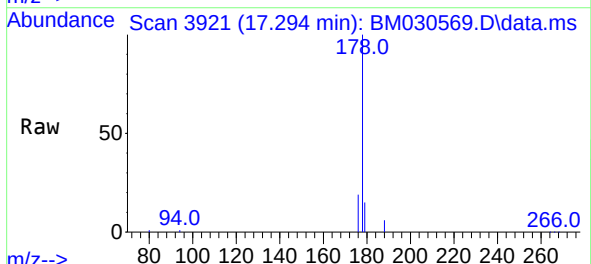
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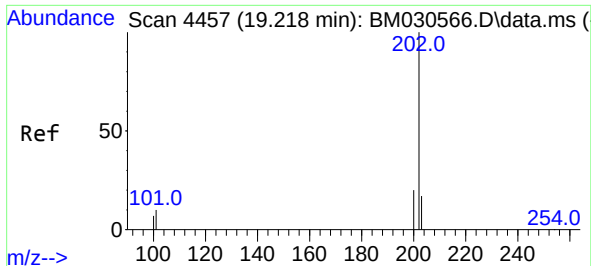
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#16
Anthracene
Concen: 4.320 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.007 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

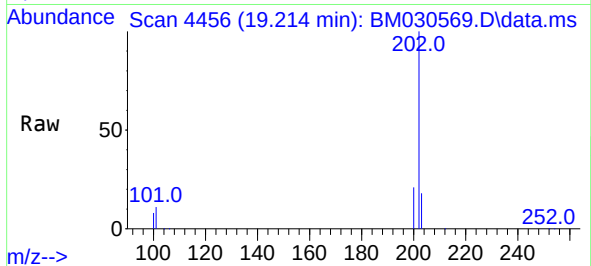
Tgt Ion:178 Resp: 223343
Ion Ratio Lower Upper
178 100
179 15.5 12.7 19.1
176 18.7 15.2 22.8





#19
Fluoranthene
Concen: 25.709 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. -0.004 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

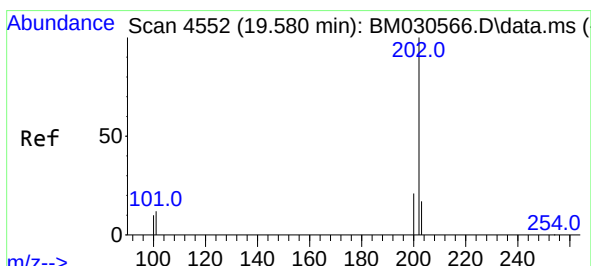
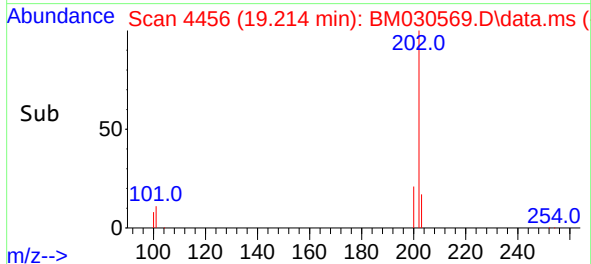
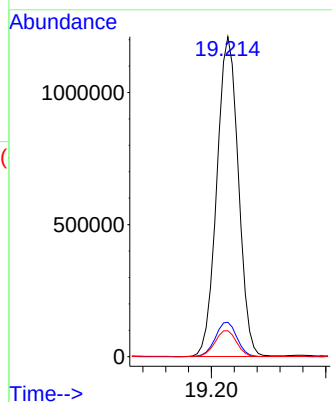
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 1582483
Ion Ratio Lower Upper
202 100
101 10.7 8.8 13.2
100 8.1 6.9 10.3

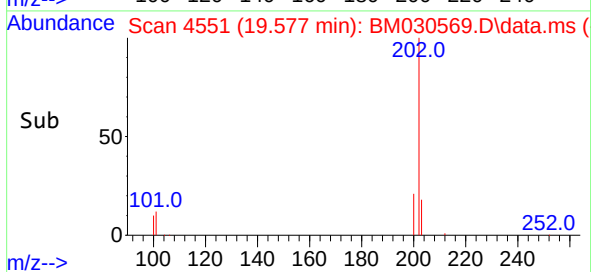
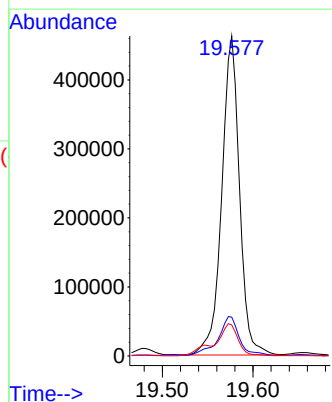
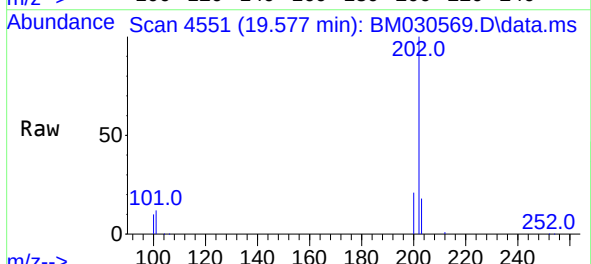
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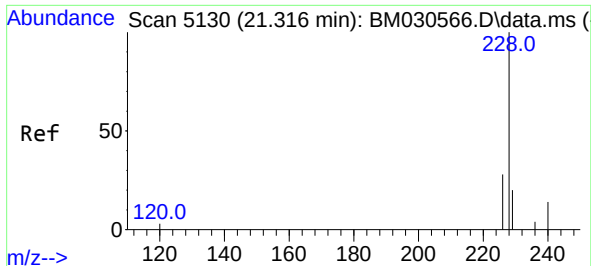
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#20
Pyrene
Concen: 9.982 ng/u1
RT: 19.577 min Scan# 4551
Delta R.T. -0.004 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:202 Resp: 629469
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.7 8.2 12.2





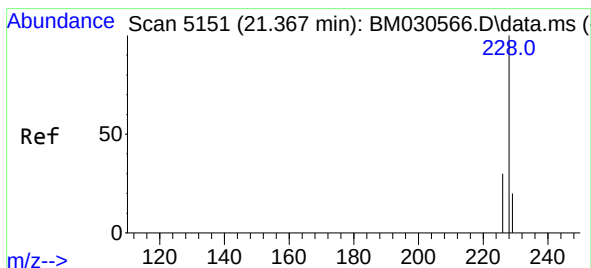
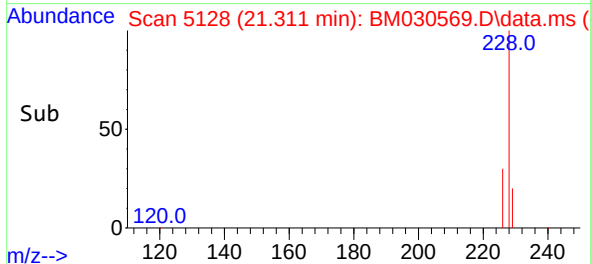
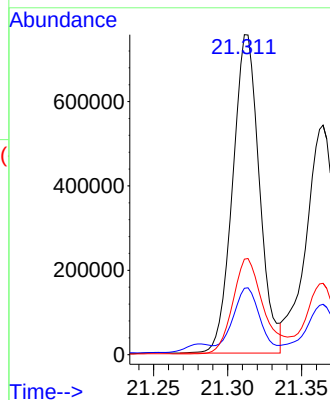
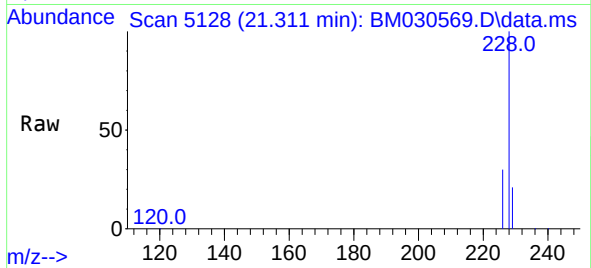
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Benzo(a)anthracene
Concen: 17.858 ng/ul
RT: 21.311 min Scan# 5128
Delta R.T. -0.005 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:228 Resp: 949810
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 29.8 22.2 33.4

Instrument :
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ClientSampled :
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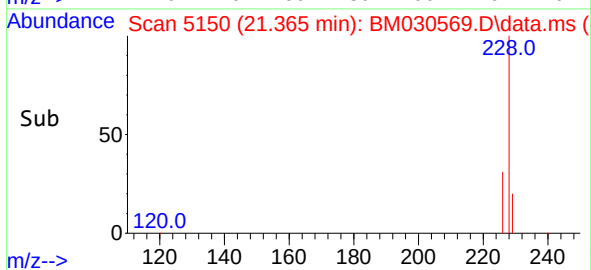
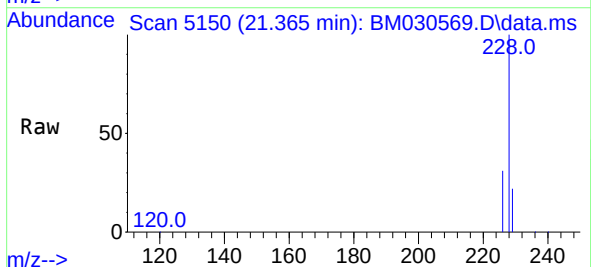
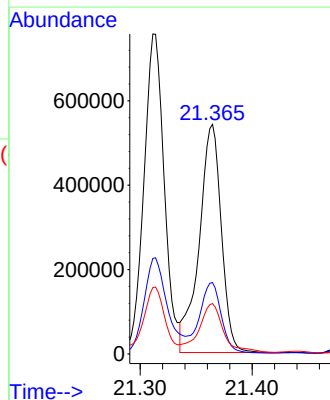
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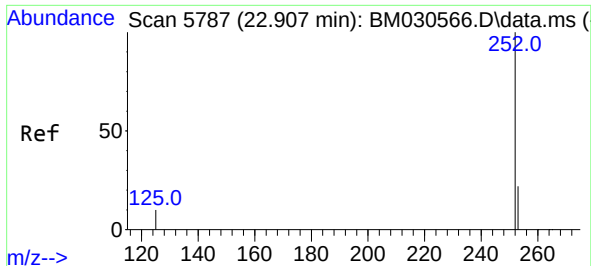
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#22
Chrysene
Concen: 12.628 ng/ul
RT: 21.365 min Scan# 5150
Delta R.T. -0.005 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:228 Resp: 745630
Ion Ratio Lower Upper
228 100
226 31.1 24.4 36.6
229 22.0 15.4 23.0





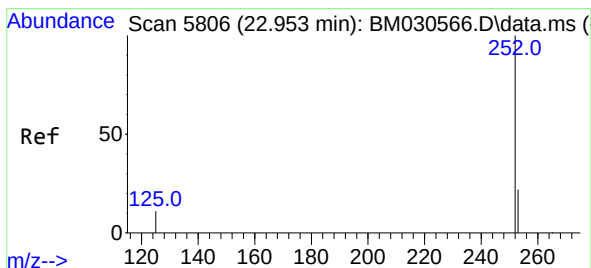
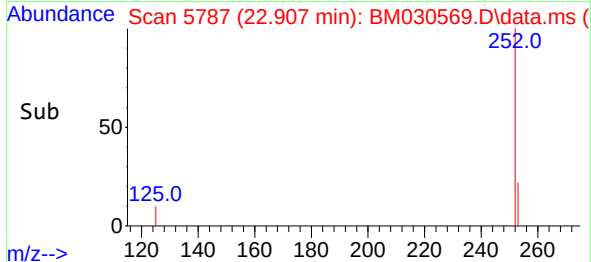
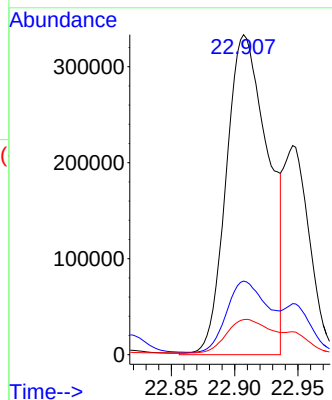
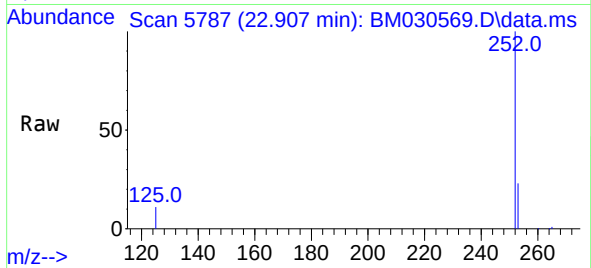
#24
Benzo(b)fluoranthene
Concen: 15.927 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. -0.002 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:252 Resp: 768037
Ion Ratio Lower Upper
252 100
253 23.0 0.0 50.2
125 11.0 0.0 27.8

Instrument :
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ClientSampled :
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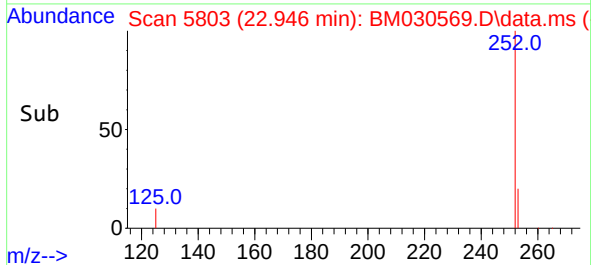
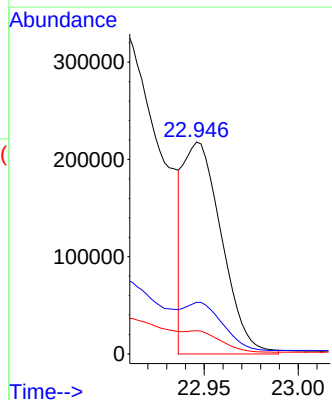
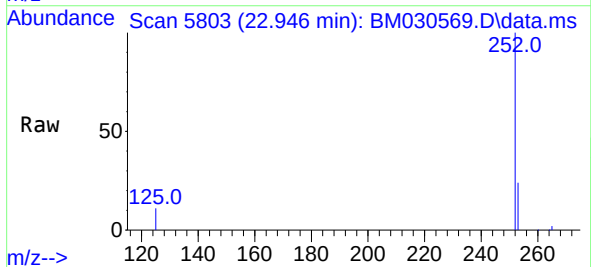
Manual Integrations
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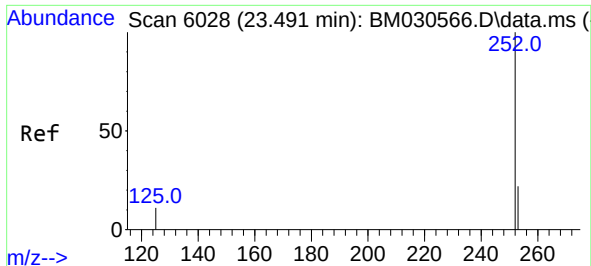
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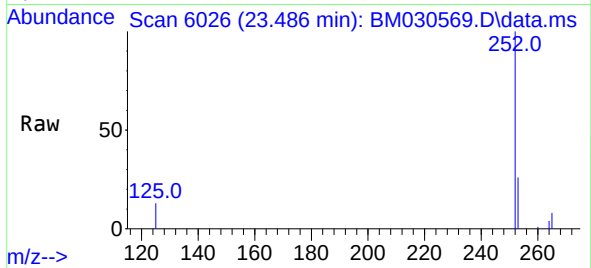
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Benzo(k)fluoranthene
Concen: 6.107 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:252 Resp: 308889
Ion Ratio Lower Upper
252 100
253 24.4 20.6 31.0
125 11.0 11.0 16.4#

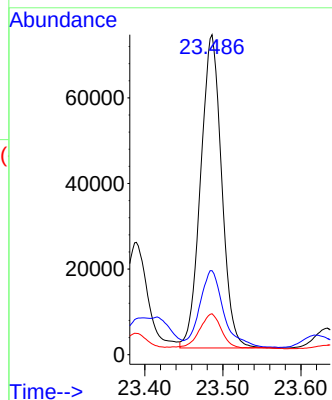




#26
Benzo(a)pyrene
Concen: 3.199 ng/ul
RT: 23.486 min Scan# 6026
Delta R.T. -0.007 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19



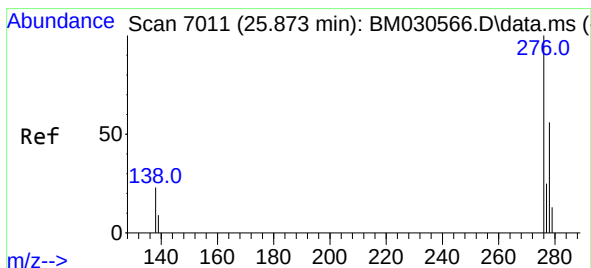
Tgt Ion:252 Resp: 136914
Ion Ratio Lower Upper
252 100
253 26.3 22.0 33.0
125 12.8 13.4 20.2#



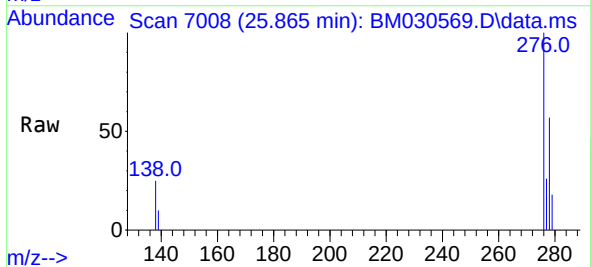
Instrument :
BNA_M
ClientSampleId :
BGDE5

Manual Integrations
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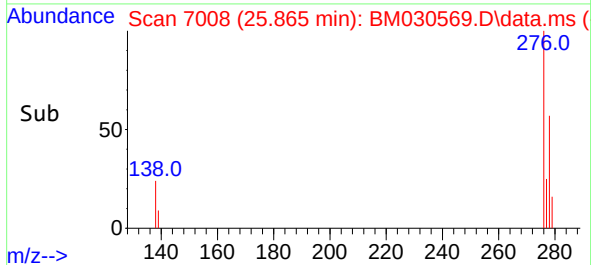
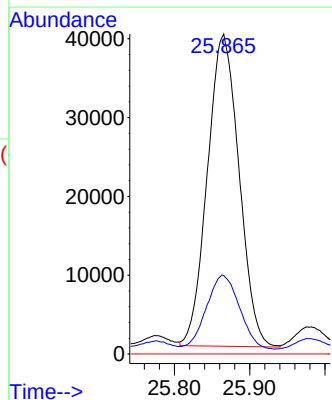
mohammad
6/24/2021 2:55:44 PM

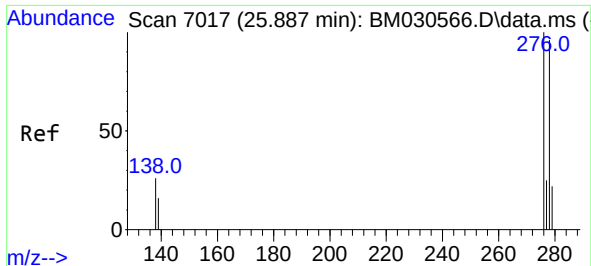


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.126 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.015 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19



Tgt Ion:276 Resp: 115672
Ion Ratio Lower Upper
276 100
138 25.0 19.1 28.7
227 0.0 0.0 0.0





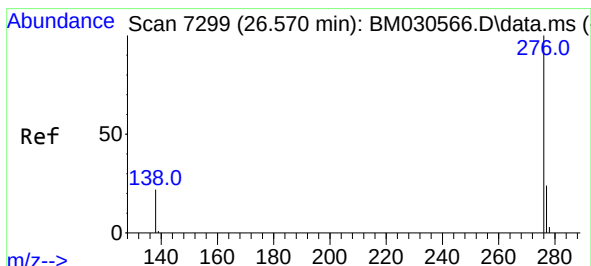
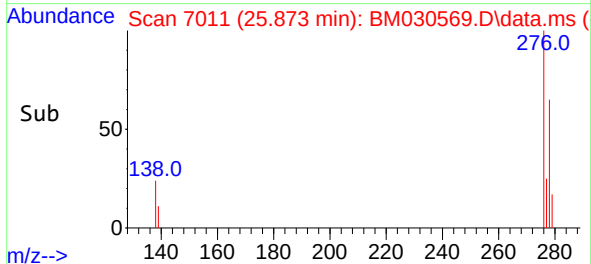
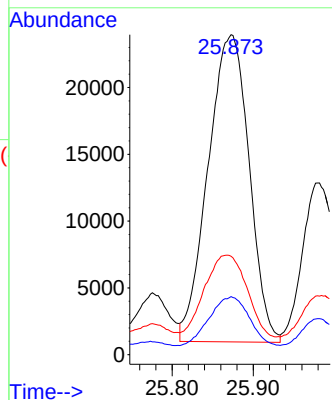
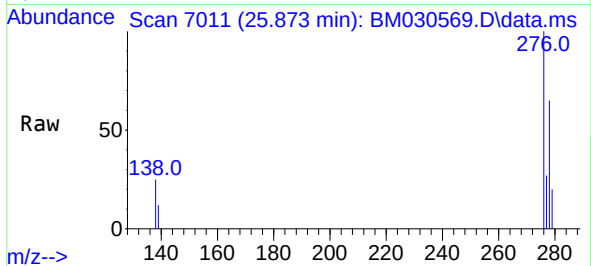
#28
Dibenzo(a,h)anthracene
Concen: 1.864 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. -0.022 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:278 Resp: 80905
Ion Ratio Lower Upper
278 100
139 18.2 14.2 21.4
279 30.7 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDE5

Manual Integrations
APPROVED

mohammad
6/24/2021 2:55:44 PM



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. -0.015 min
Lab File: BM030569.D
Acq: 24 Jun 2021 11:19

Tgt Ion:276 Resp: 2015
Ion Ratio Lower Upper
276 100
138 46.7 18.0 27.0#
277 53.8 19.5 29.3#

