

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
 Data File : BM030599.D
 Acq On : 25 Jun 2021 13:31
 Operator : CG/JU
 Sample : M2662-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDB1

Manual Integrations
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Quant Time: Jun 25 14:11:41 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 12:45:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	3432	0.400	ng/ul	0.00
4) Naphthalene-d8	10.581	136	14217	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.421	164	9153	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.162	188	16910	0.400	ng/ul	0.00
17) Chrysene-d12	21.328	240	11701	0.400	ng/ul	# 0.00
23) Perylene-d12	23.583	264	11290	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	12328	3.358	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.173	152	4994	0.220	ng/ul	0.00
18) Fluoranthene-d10	19.180	212	10492	0.292	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.631	128	75470	1.784	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	18121	0.635	ng/ul	99
8) 1-Methylnaphthalene	12.466	142	15699	0.566	ng/ul	100
10) Acenaphthylene	14.144	152	83469	1.949	ng/ul	99
11) Acenaphthene	14.485	153	80852	2.317	ng/ul	99
12) Fluorene	15.471	166	152435	3.945	ng/ul	100
15) Phenanthrene	17.204	178	2129386	35.366	ng/ul	100
16) Anthracene	17.294	178	757234	14.356	ng/ul	99
19) Fluoranthene	19.214	202	3286448	61.095	ng/ul	99
20) Pyrene	19.573	202	1250526	22.692	ng/ul	98
21) Benzo(a)anthracene	21.311	228	1188022	25.560	ng/ul	97
22) Chrysene	21.365	228	934060	18.102	ng/ul	97
24) Benzo(b)fluoranthene	22.907	252	955252m	19.451	ng/ul	
25) Benzo(k)fluoranthene	22.946	252	415861m	8.073	ng/ul	
26) Benzo(a)pyrene	23.484	252	178769	4.102	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.865	276	169768	3.063	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.873	278	116367	2.633	ng/ul	96
29) Benzo(g,h,i)perylene	26.568	276	3499	0.073	ng/ul#	42

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

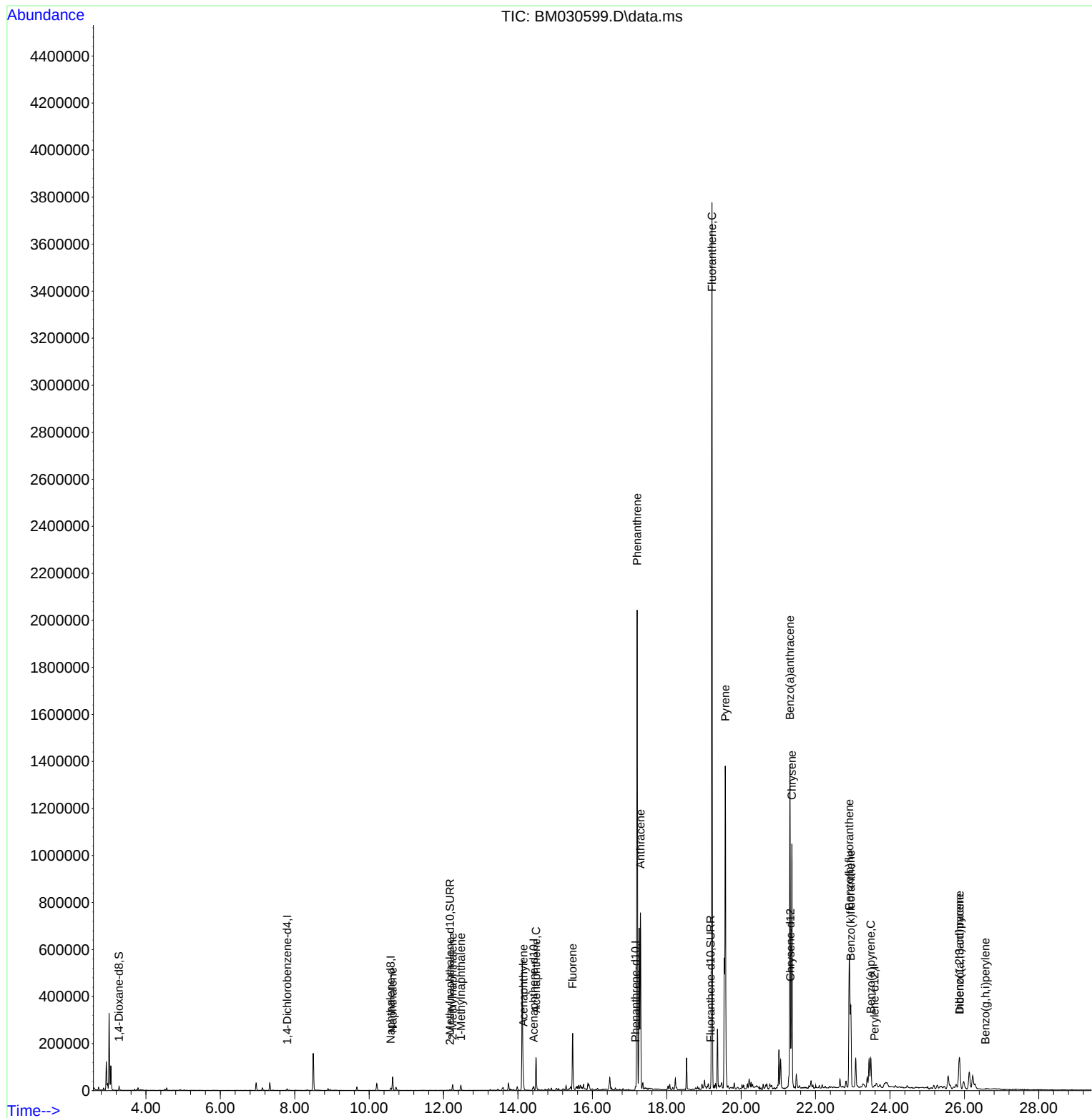
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062521\
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ALS Vial : 10 Sample Multiplier: 1

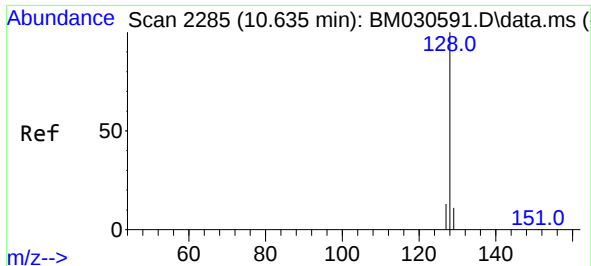
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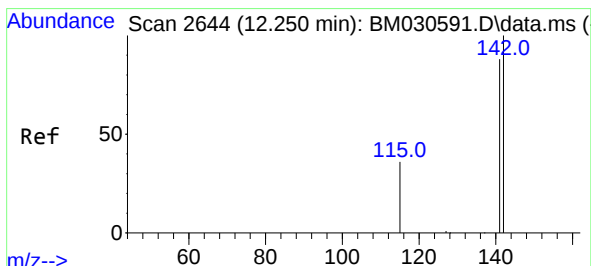
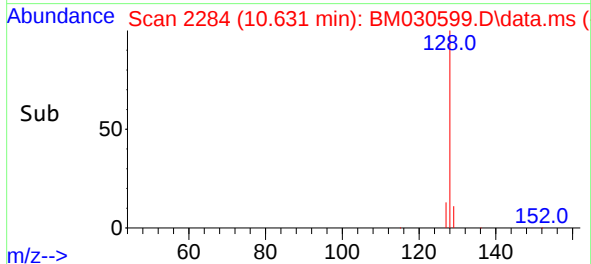
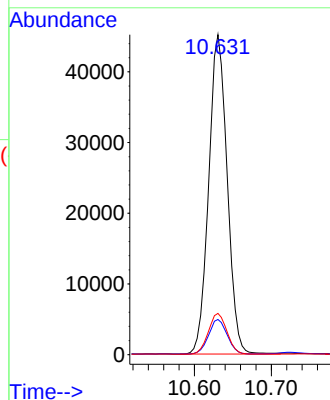
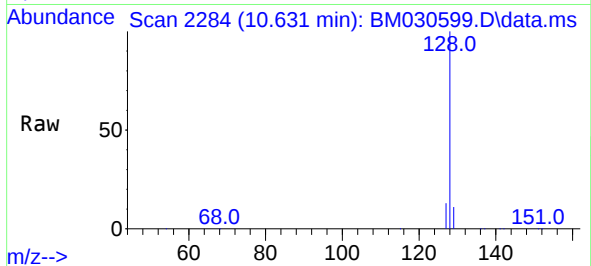
#5
Naphthalene
Concen: 1.784 ng/ul
RT: 10.631 min Scan# 2284
Delta R.T. -0.004 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:	128	Resp:	75470
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.6
127	12.9	10.9	16.3

Instrument :
BNA_M
ClientSampled :
BGDB1

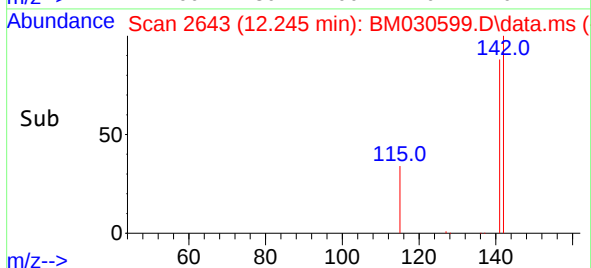
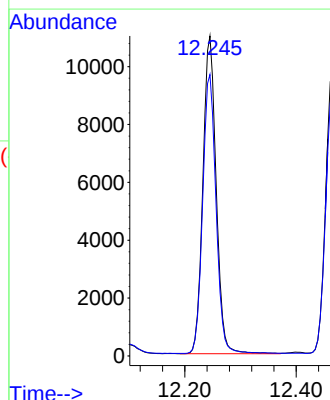
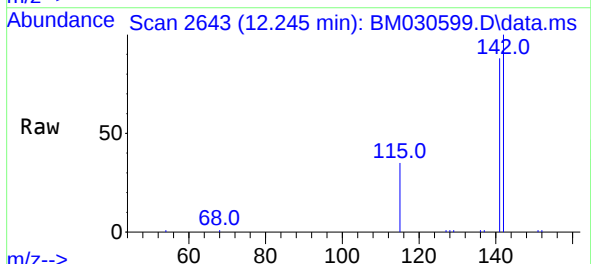
Manual Integrations
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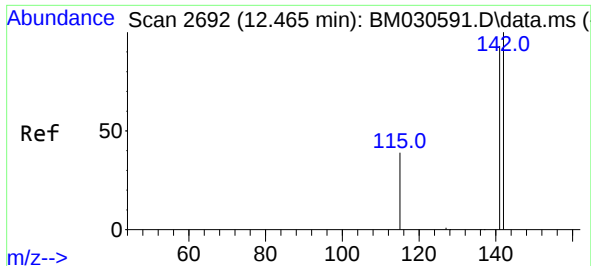
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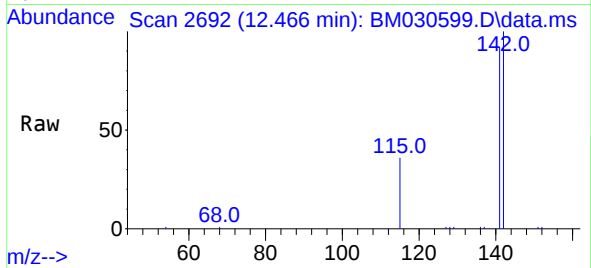
#7
2-Methylnaphthalene
Concen: 0.635 ng/ul
RT: 12.245 min Scan# 2643
Delta R.T. -0.004 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:	142	Resp:	18121
Ion Ratio	Lower	Upper	
142	100		
141	88.4	71.4	107.0

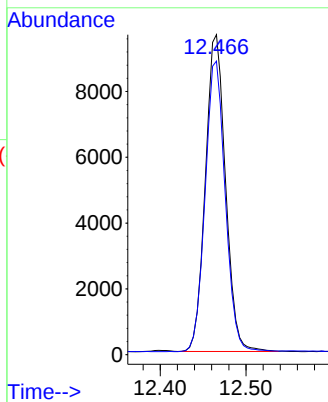
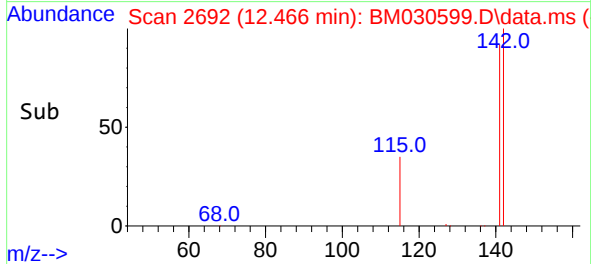




#8
1-Methylnaphthalene
Concen: 0.566 ng/ul
RT: 12.466 min Scan# 2692
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



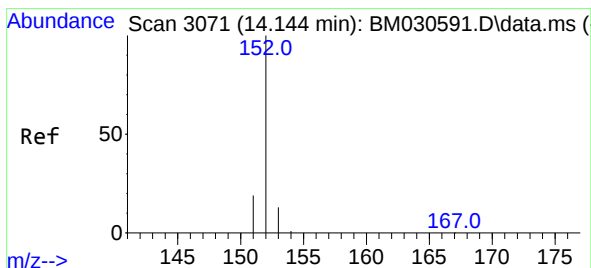
Tgt Ion:142 Resp: 15699
Ion Ratio Lower Upper
142 100
141 92.0 73.4 110.0



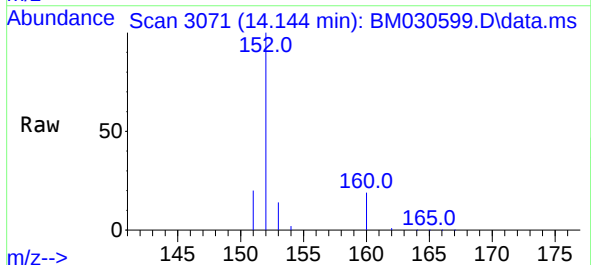
Instrument :
BNA_M
ClientSampled :
BGDB1

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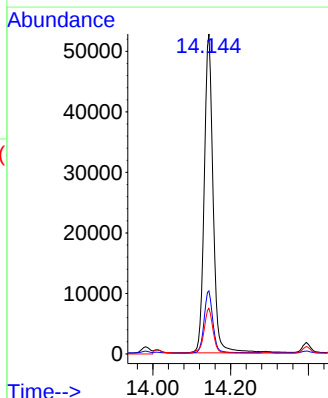
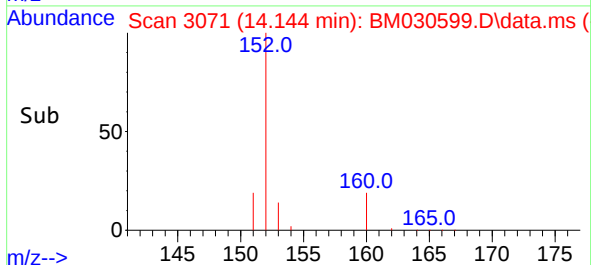
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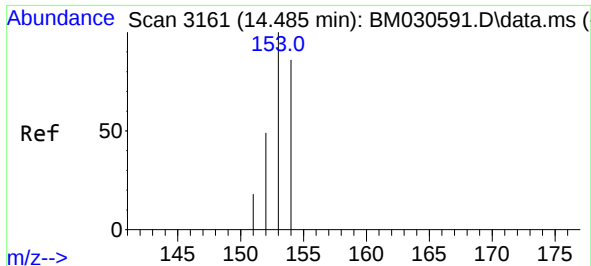


#10
Acenaphthylene
Concen: 1.949 ng/ul
RT: 14.144 min Scan# 3071
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



Tgt Ion:152 Resp: 83469
Ion Ratio Lower Upper
152 100
151 19.7 15.5 23.3
153 14.3 10.7 16.1





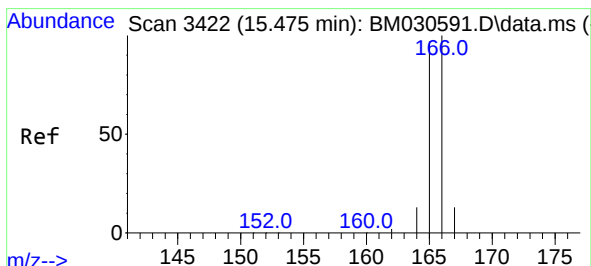
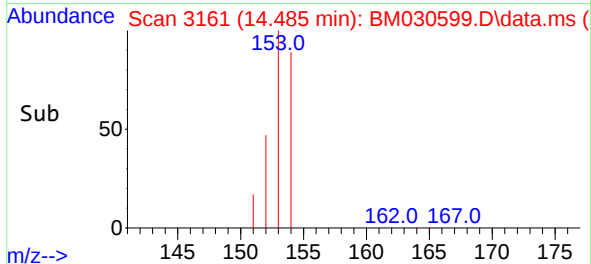
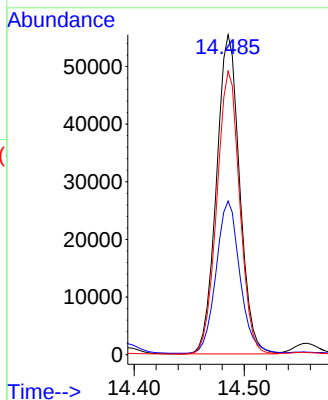
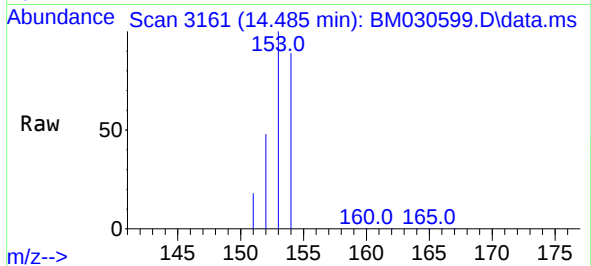
#11
Acenaphthene
Concen: 2.317 ng/ul
RT: 14.485 min Scan# 3161
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	40.2	60.2
154	88.6	71.2	106.8

Instrument :
BNA_M
ClientSampled :
BGDB1

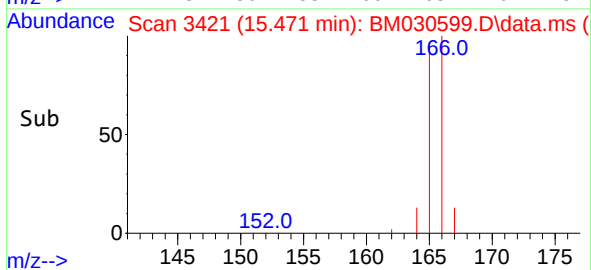
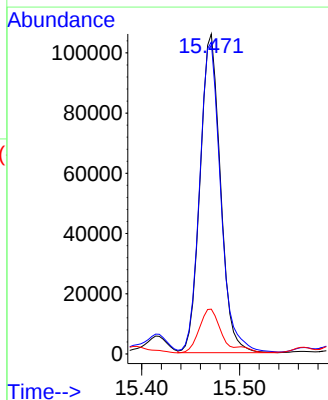
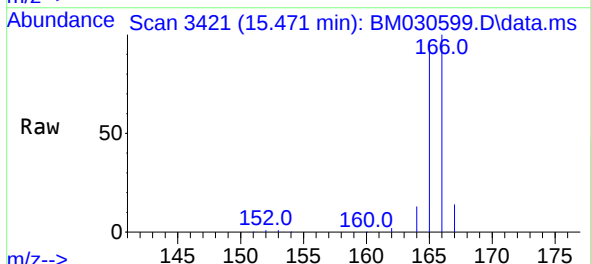
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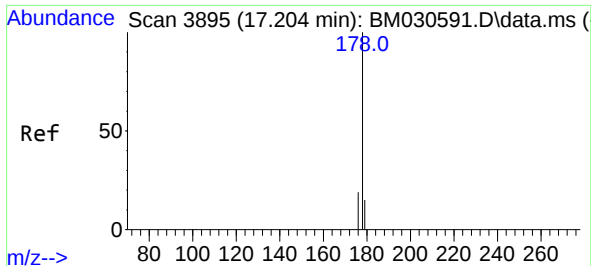
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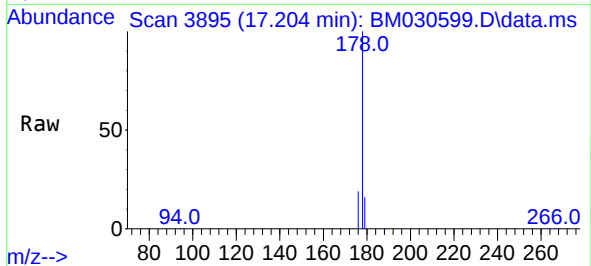
#12
Fluorene
Concen: 3.945 ng/ul
RT: 15.471 min Scan# 3421
Delta R.T. -0.004 min
Lab File: BM030599.D
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Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.7	116.5
167	14.0	11.3	16.9



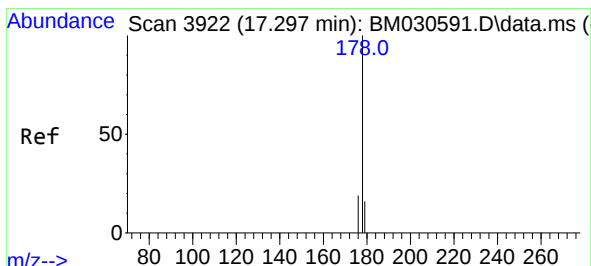
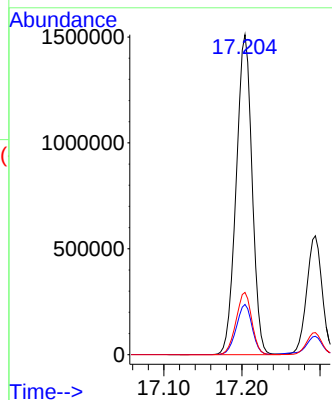


#15
Phenanthrene
Concen: 35.366 ng/u1
RT: 17.204 min Scan# 3895
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

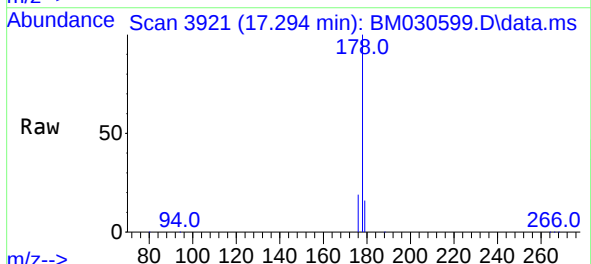


Tgt Ion:178 Resp: 2129386

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	19.5	15.5	23.3

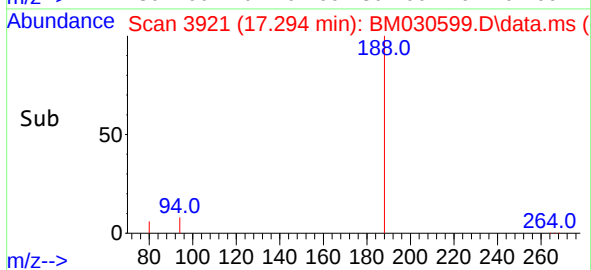
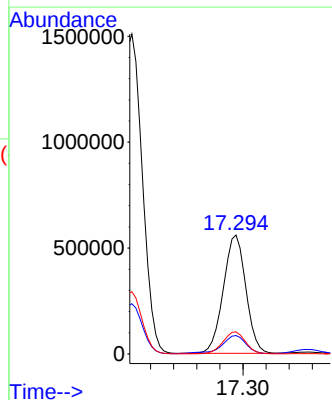


#16
Anthracene
Concen: 14.356 ng/u1
RT: 17.294 min Scan# 3921
Delta R.T. -0.003 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



Tgt Ion:178 Resp: 757234

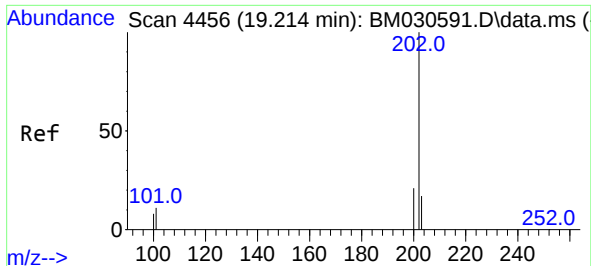
Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	18.5	15.2	22.8



Instrument :
BNA_M
ClientSampleId :
BGDB1

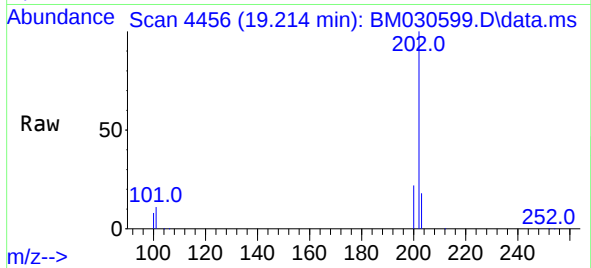
Manual Integrations
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#19
Fluoranthene
Concen: 61.095 ng/u1
RT: 19.214 min Scan# 4456
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

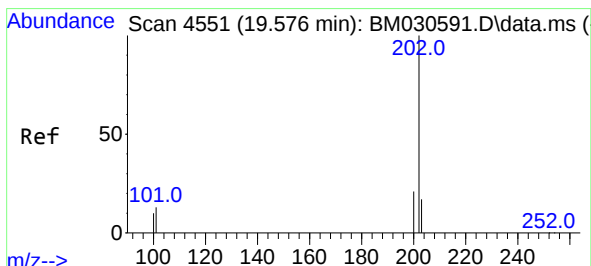
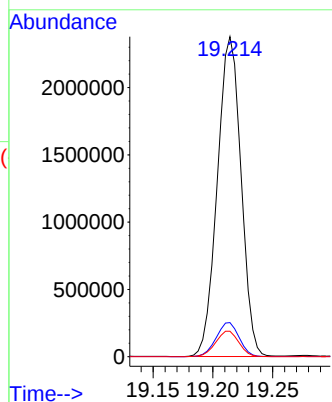
Instrument :
BNA_M
ClientSampled :
BGDB1



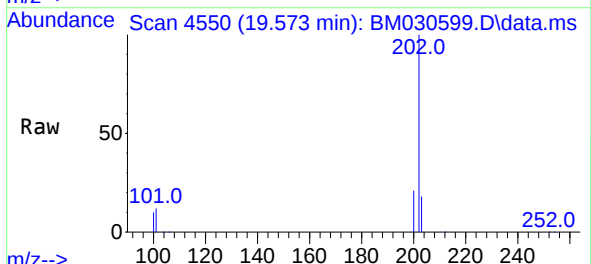
Tgt Ion:202 Resp: 3286448
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 8.0 6.9 10.3

Manual Integrations
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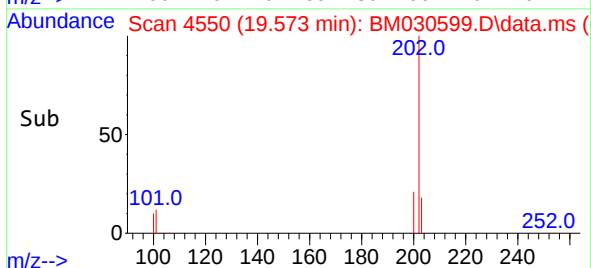
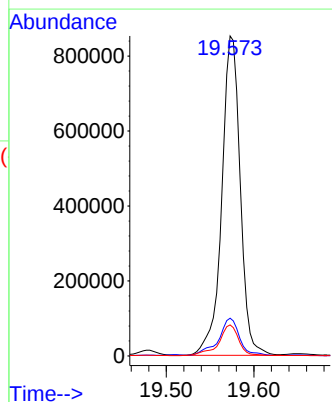
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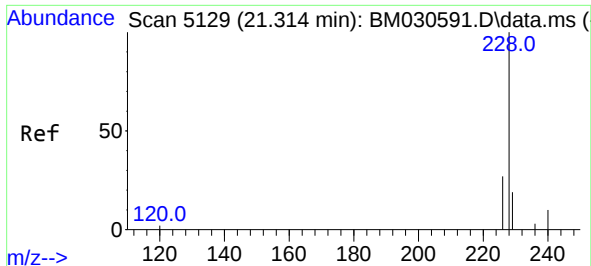


#20
Pyrene
Concen: 22.692 ng/u1
RT: 19.573 min Scan# 4550
Delta R.T. -0.004 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



Tgt Ion:202 Resp: 1250526
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 9.7 8.2 12.2





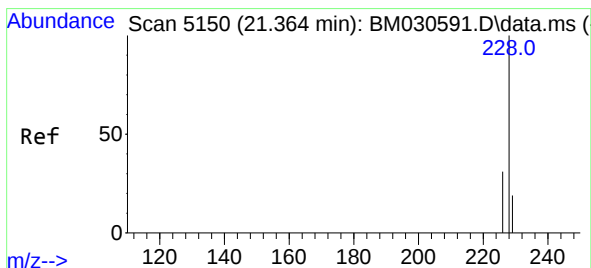
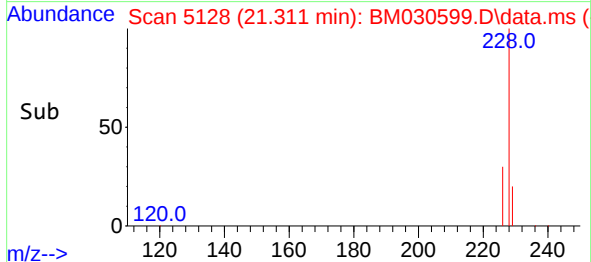
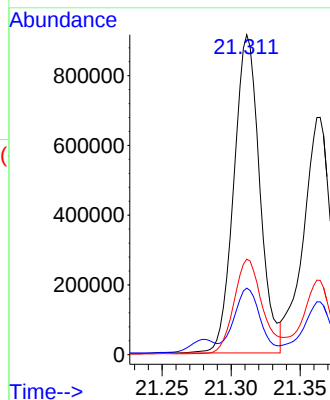
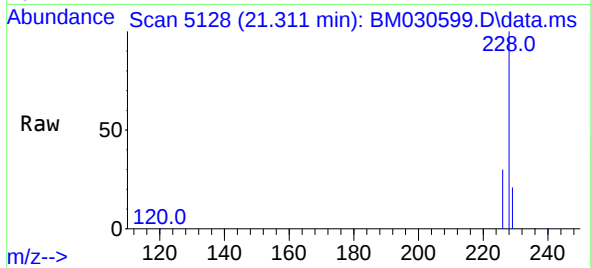
#21
Benzo(a)anthracene
Concen: 25.560 ng/u1
RT: 21.311 min Scan# 5128
Delta R.T. -0.002 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:228 Resp: 1188022
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.6
226 29.9 22.2 33.4

Instrument :
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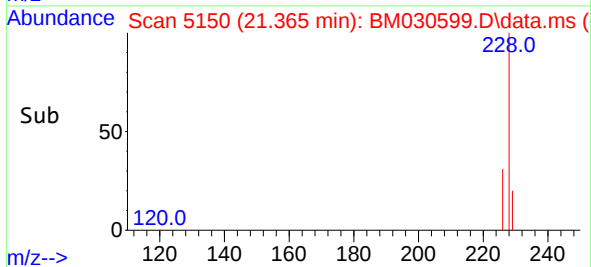
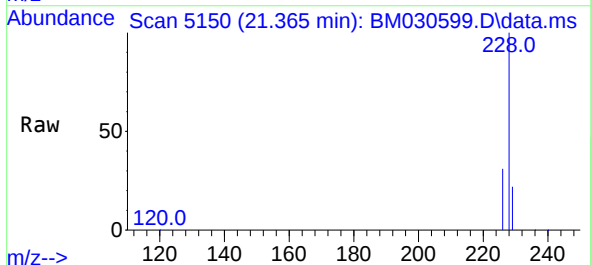
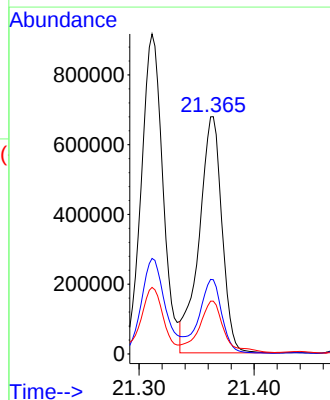
Manual Integrations
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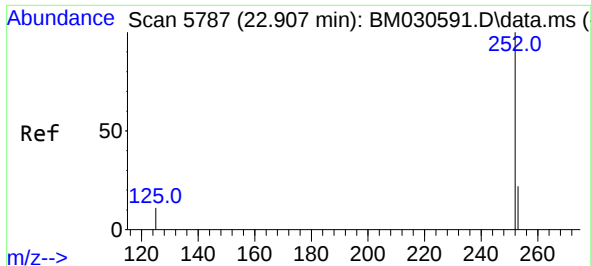
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#22
Chrysene
Concen: 18.102 ng/u1
RT: 21.365 min Scan# 5150
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:228 Resp: 934060
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 22.2 15.4 23.0





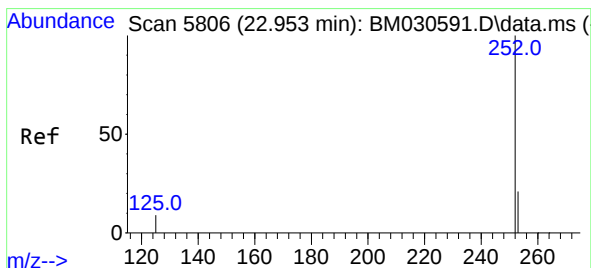
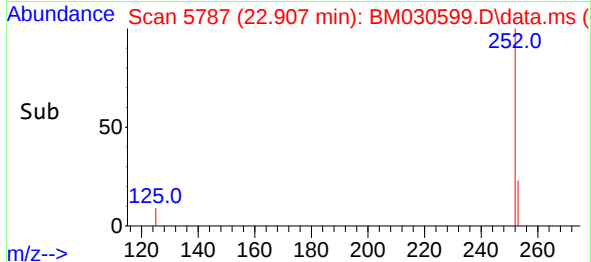
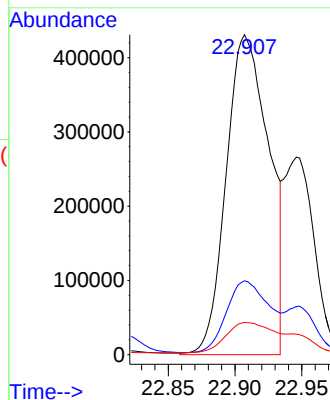
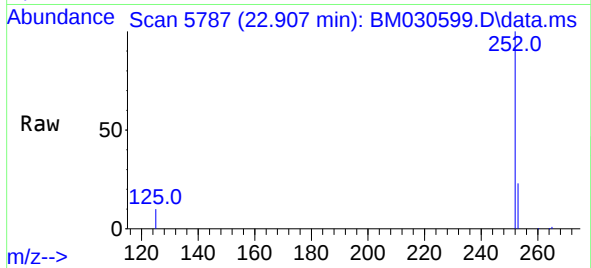
#24
Benzo(b)fluoranthene
Concen: 19.451 ng/ul m
RT: 22.907 min Scan# 5787
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:252 Resp: 955252
Ion Ratio Lower Upper
252 100
253 23.1 0.0 50.2
125 10.1 0.0 27.8

Instrument :
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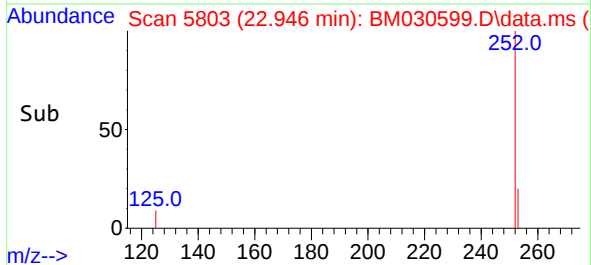
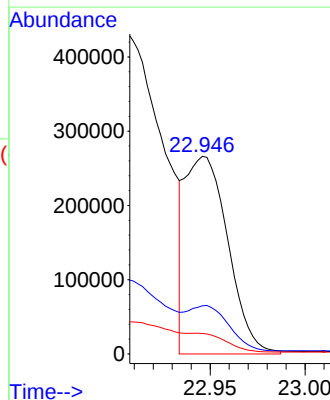
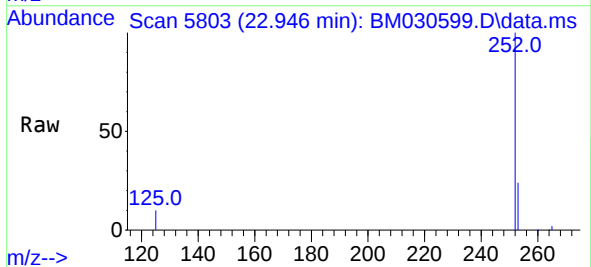
Manual Integrations
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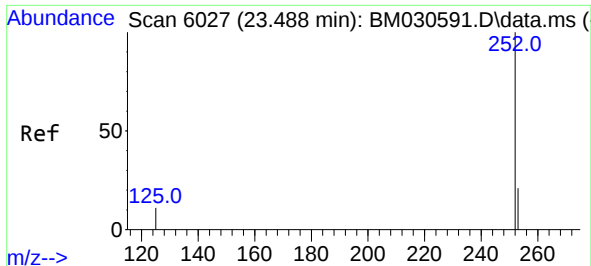
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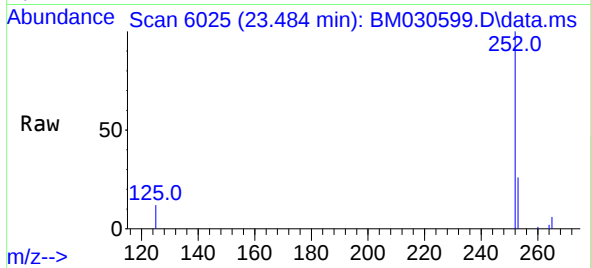
#25
Benzo(k)fluoranthene
Concen: 8.073 ng/ul m
RT: 22.946 min Scan# 5803
Delta R.T. -0.007 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:252 Resp: 415861
Ion Ratio Lower Upper
252 100
253 24.4 20.6 31.0
125 10.3 11.0 16.4#

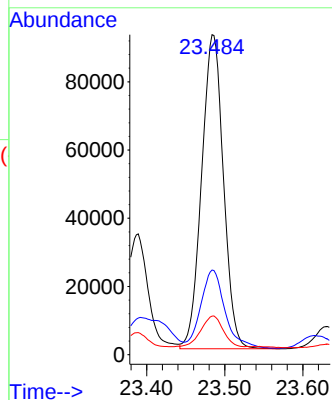




#26
Benzo(a)pyrene
Concen: 4.102 ng/ul
RT: 23.484 min Scan# 6025
Delta R.T. -0.005 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



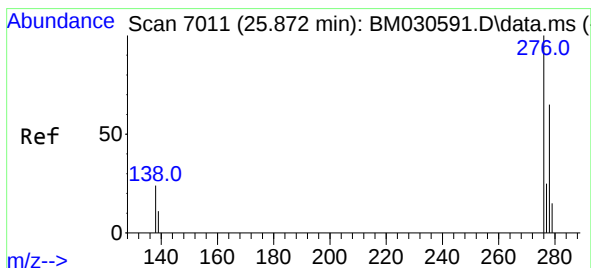
Tgt Ion:252 Resp: 178769
Ion Ratio Lower Upper
252 100
253 26.4 22.0 33.0
125 12.1 13.4 20.2#



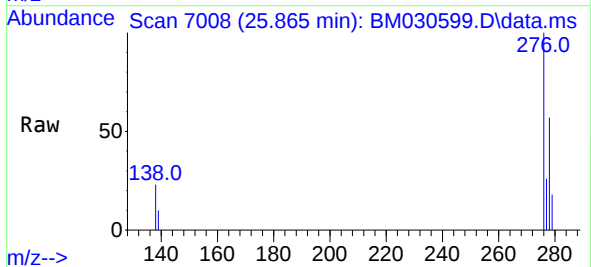
Instrument :
BNA_M
ClientSampled :
BGDB1

Manual Integrations
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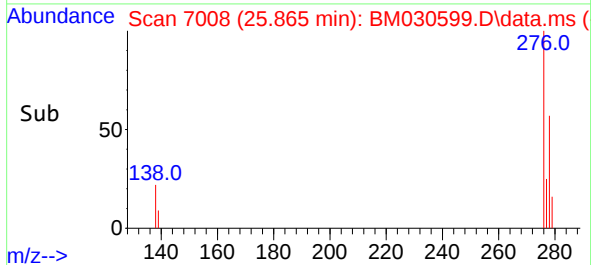
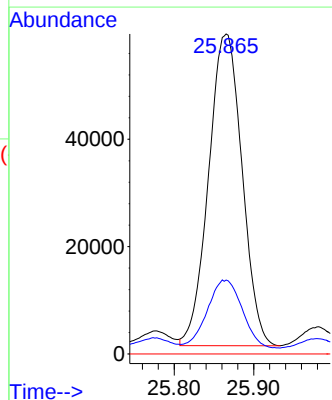
mohammad
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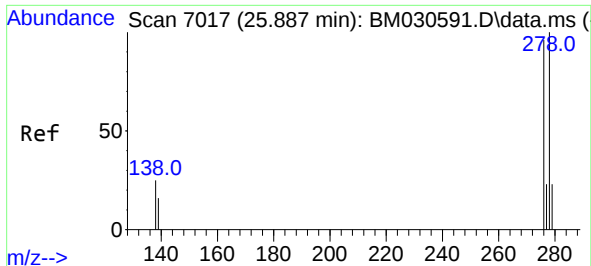


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.063 ng/ul
RT: 25.865 min Scan# 7008
Delta R.T. -0.007 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31



Tgt Ion:276 Resp: 169768
Ion Ratio Lower Upper
276 100
138 22.7 19.1 28.7
227 0.0 0.0 0.0





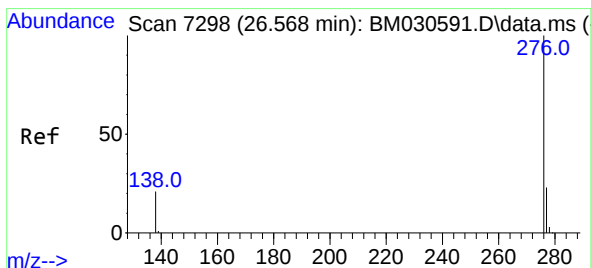
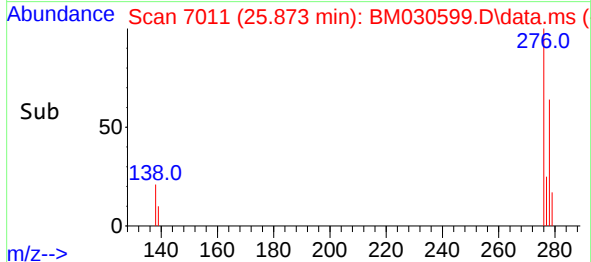
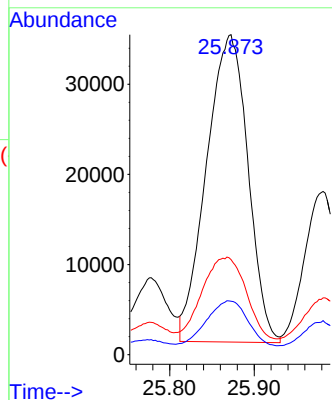
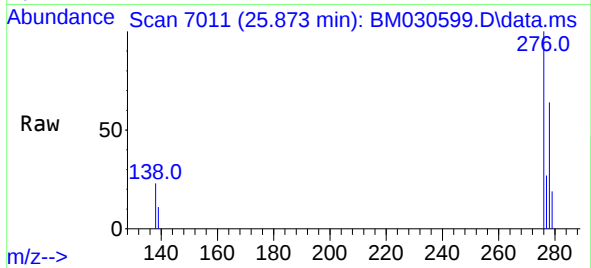
#28
Dibenzo(a,h)anthracene
Concen: 2.633 ng/ul
RT: 25.873 min Scan# 7011
Delta R.T. -0.014 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:278 Resp: 116367
Ion Ratio Lower Upper
278 100
139 16.7 14.2 21.4
279 29.7 21.6 32.4

Instrument :
BNA_M
ClientSampled :
BGDB1

Manual Integrations
APPROVED

mohammad
6/28/2021 1:11:32 PM



#29
Benzo(g,h,i)perylene
Concen: 0.073 ng/ul
RT: 26.568 min Scan# 7298
Delta R.T. 0.000 min
Lab File: BM030599.D
Acq: 25 Jun 2021 13:31

Tgt Ion:276 Resp: 3499
Ion Ratio Lower Upper
276 100
138 50.5 18.0 27.0#
277 52.9 19.5 29.3#

