

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032241.D
 Acq On : 28 Sep 2021 15:34
 Operator : CG/JU
 Sample : M3755-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AA6

Manual Integrations
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Quant Time: Sep 28 16:04:07 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.661	152	6799	0.400	ng/ul	0.00
4) Naphthalene-d8	10.452	136	21124	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.304	164	10040	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.030	188	18354	0.400	ng/ul	0.00
17) Chrysene-d12	21.191	240	14399	0.400	ng/ul	0.00
23) Perylene-d12	23.356	264	12229	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	15836	2.167	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.039	152	3621	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.046	212	6219	0.159	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.497	128	19065	0.304	ng/ul	99
7) 2-Methylnaphthalene	12.116	142	12930	0.322	ng/ul	100
8) 1-Methylnaphthalene	12.336	142	9537	0.243	ng/ul	100
10) Acenaphthylene	14.020	152	6121	0.152	ng/ul#	95
11) Acenaphthene	14.365	153	7795	0.210	ng/ul	100
12) Fluorene	15.347	166	5074	0.121	ng/ul#	96
15) Phenanthrene	17.068	178	116051	1.942	ng/ul	100
16) Anthracene	17.158	178	28705	0.583	ng/ul	99
19) Fluoranthene	19.077	202	326615	5.433	ng/ul	99
20) Pyrene	19.439	202	323221	5.363	ng/ul	99
21) Benzo(a)anthracene	21.174	228	223439	4.388	ng/ul	99
22) Chrysene	21.227	228	237342	3.983	ng/ul	98
24) Benzo(b)fluoranthene	22.712	252	381065m	6.009	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	155474m	2.536	ng/ul	
26) Benzo(a)pyrene	23.262	252	296405m	6.219	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.500	276	216828	3.556	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.500	278	49768	1.004	ng/ul	97
29) Benzo(g,h,i)perylene	26.159	276	206762	3.582	ng/ul	99

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

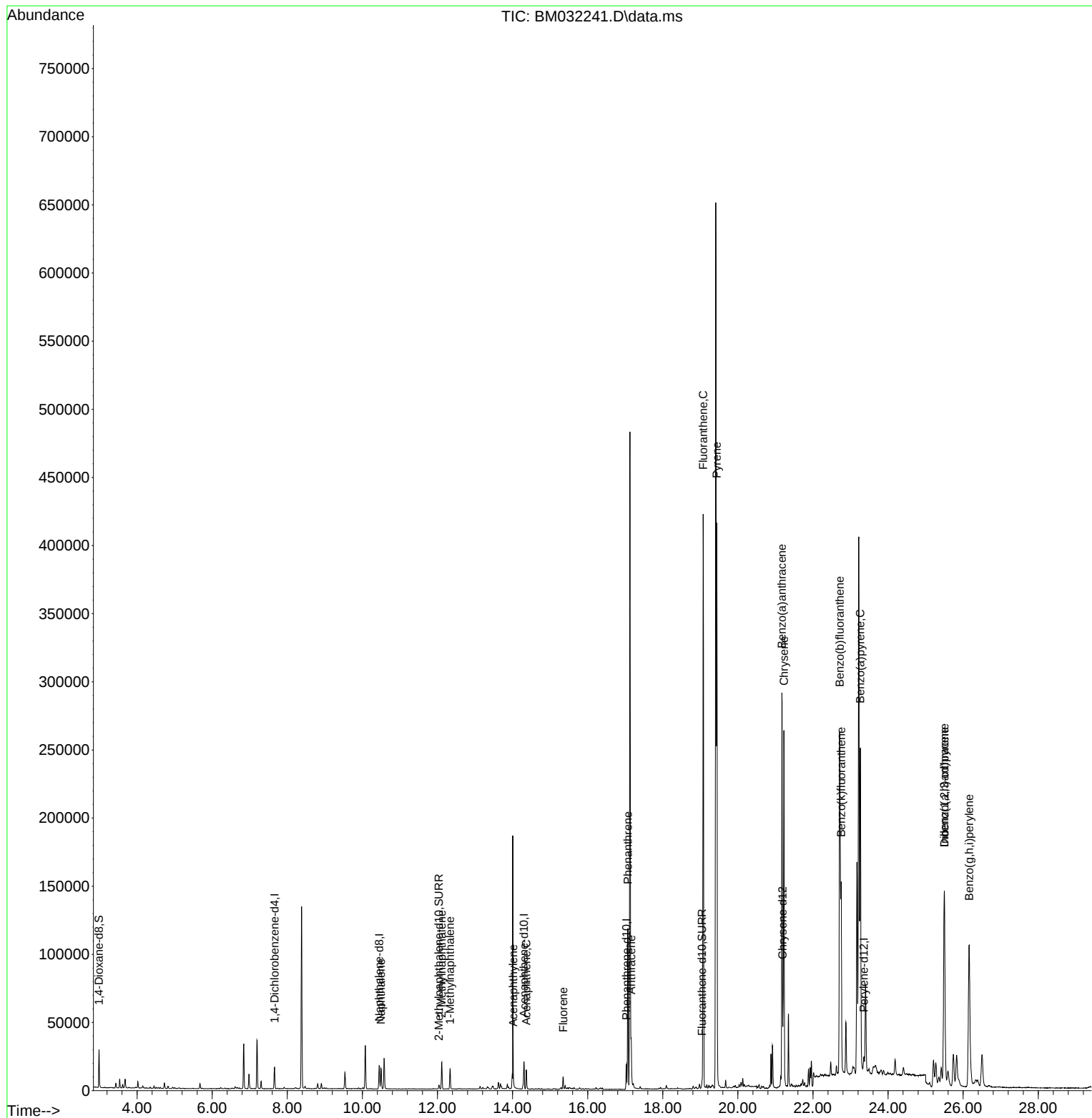
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Data File : BM032241.D
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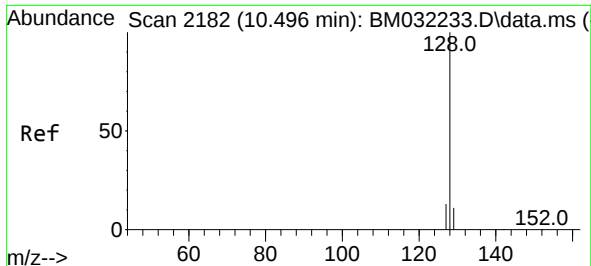
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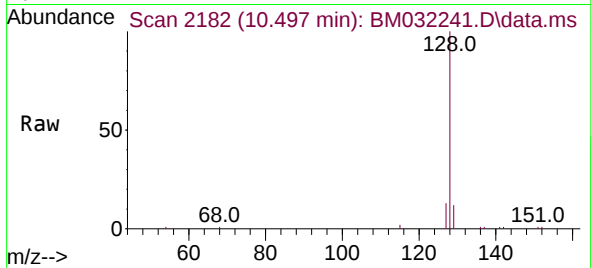
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Quant Time: Sep 28 16:04:07 2021
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QLast Update : Mon Sep 27 13:37:22 2021
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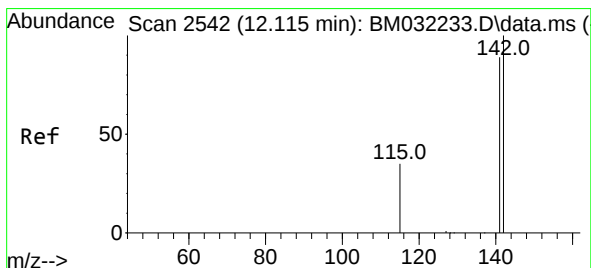
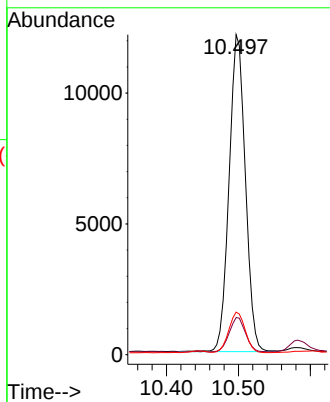
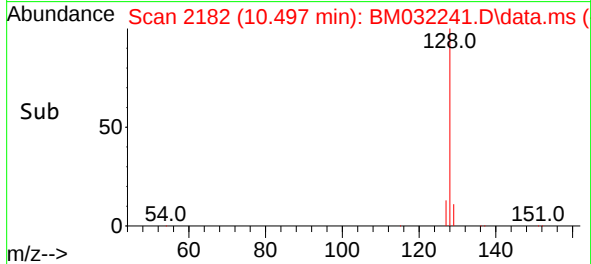




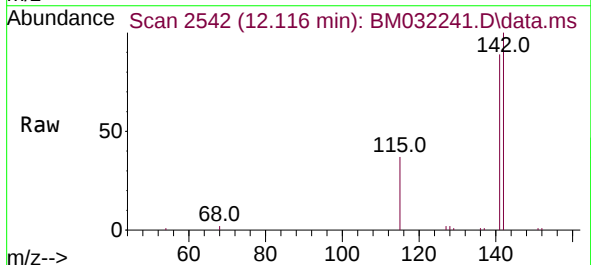
#5
Naphthalene
Concen: 0.304 ng/ul
RT: 10.497 min Scan# 2182
Delta R.T. -0.009 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



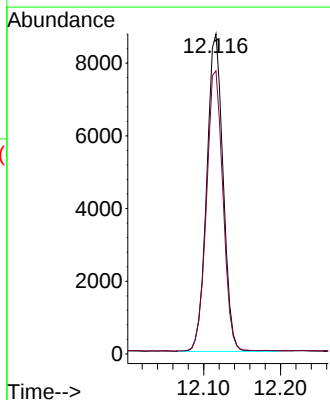
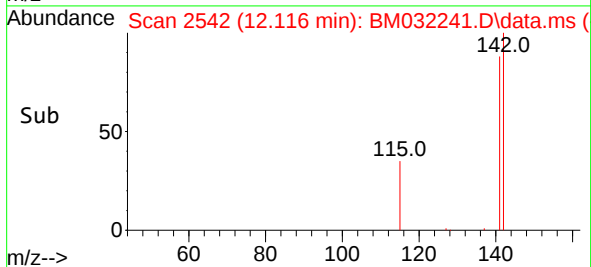
Tgt Ion:128 Resp: 19065
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.4
127 13.3 10.5 15.7



#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.116 min Scan# 2542
Delta R.T. -0.004 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



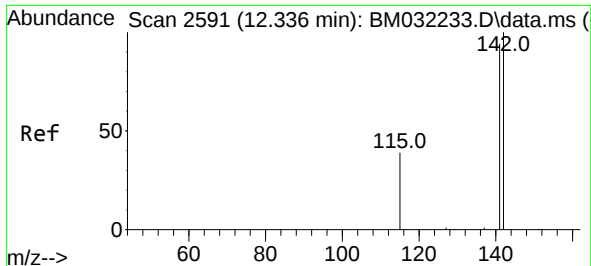
Tgt Ion:142 Resp: 12930
Ion Ratio Lower Upper
142 100
141 89.2 71.2 106.8



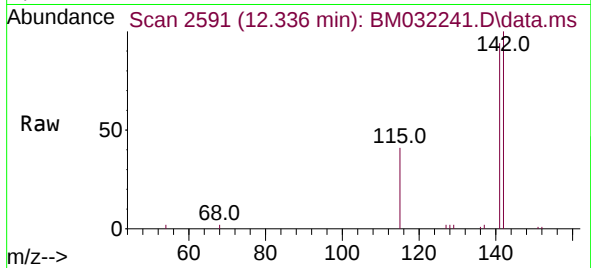
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BNA_M
ClientSampleId :
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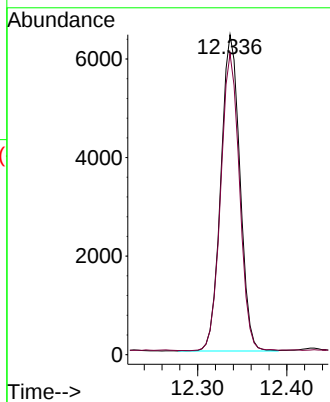
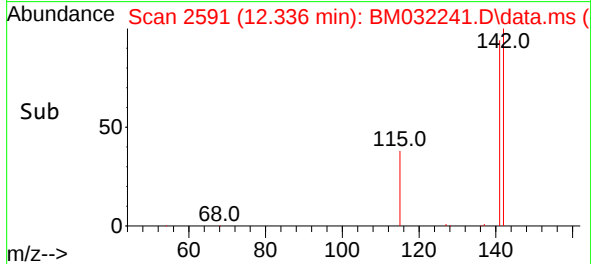
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#8
1-Methylnaphthalene
Concen: 0.243 ng/ul
RT: 12.336 min Scan# 2591
Delta R.T. -0.004 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



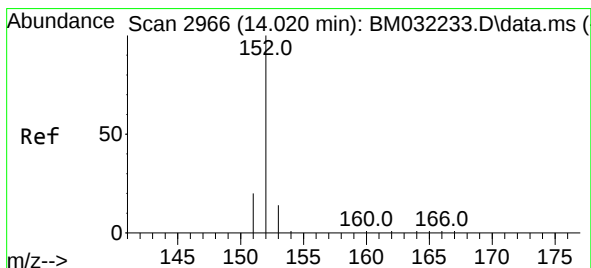
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Ion Ratio Lower Upper
142 100
141 92.6 73.8 110.6



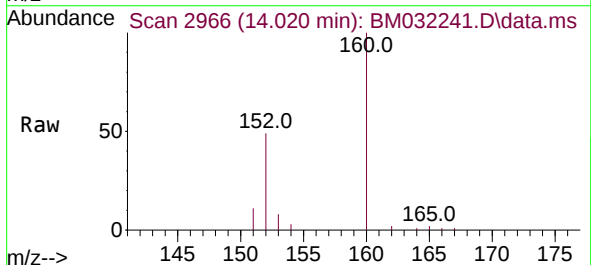
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BNA_M
ClientSampleId :
C0AA6

Manual Integrations
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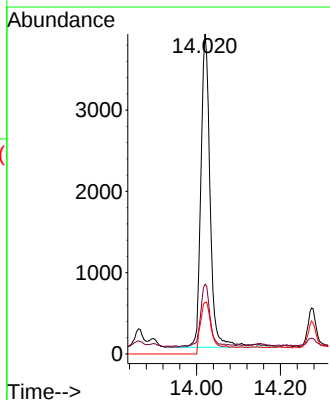
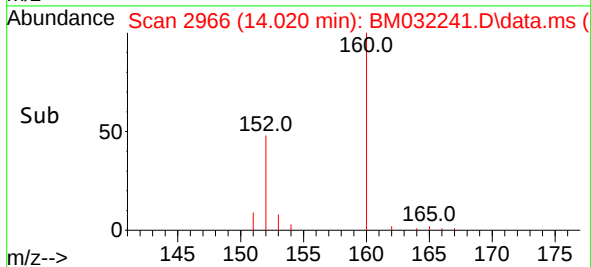
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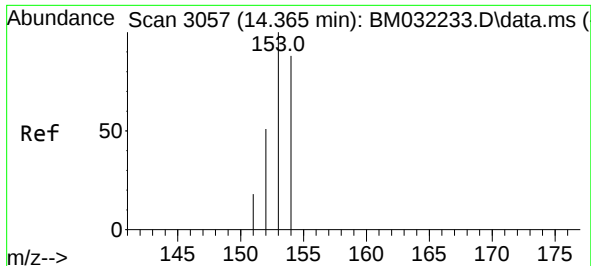


#10
Acenaphthylene
Concen: 0.152 ng/ul
RT: 14.020 min Scan# 2966
Delta R.T. -0.004 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



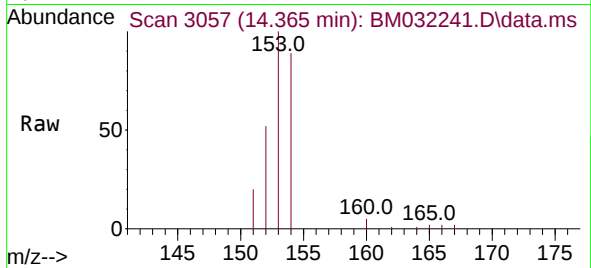
Tgt Ion:152 Resp: 6121
Ion Ratio Lower Upper
152 100
151 21.8 16.0 24.0
153 16.1 10.7 16.1#



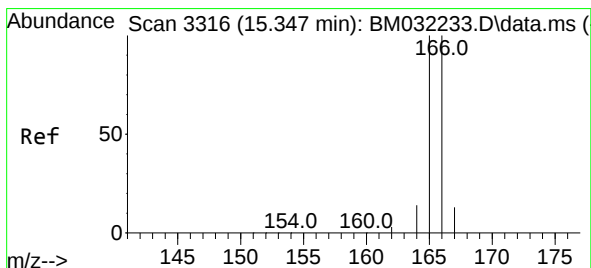
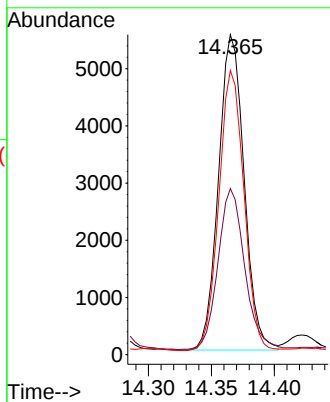
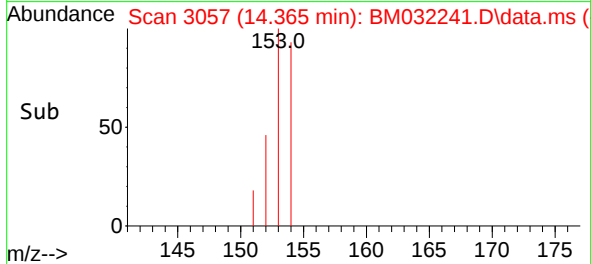


#11
Acenaphthene
Concen: 0.210 ng/ul
RT: 14.365 min Scan# 3057
Delta R.T. -0.004 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

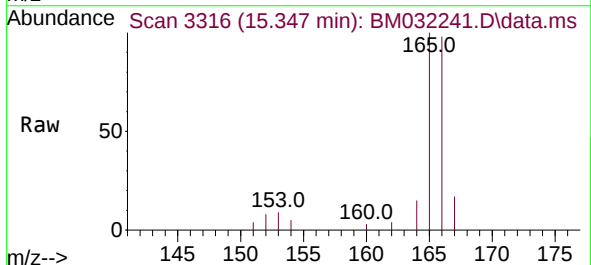
Instrument :
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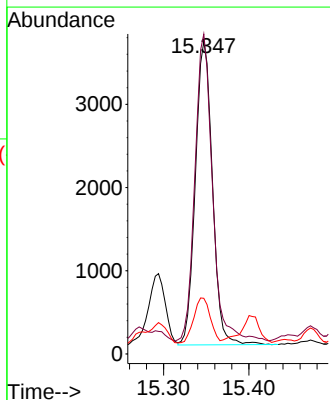
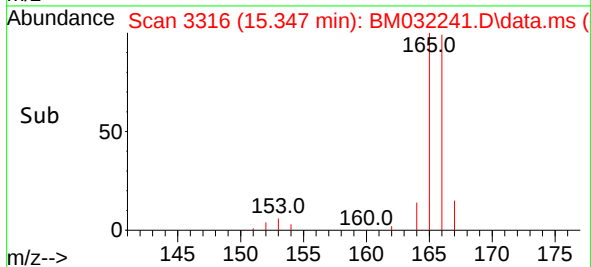
Tgt Ion:153 Resp: 7795
Ion Ratio Lower Upper
153 100
152 51.9 41.6 62.4
154 88.8 71.2 106.8

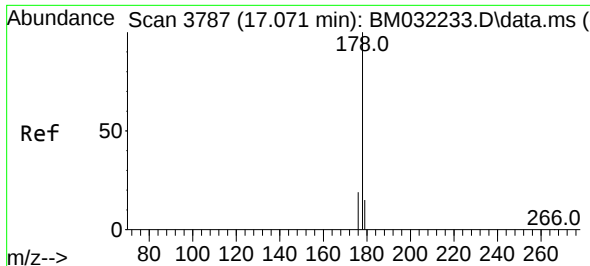


#12
Fluorene
Concen: 0.121 ng/ul
RT: 15.347 min Scan# 3316
Delta R.T. -0.003 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



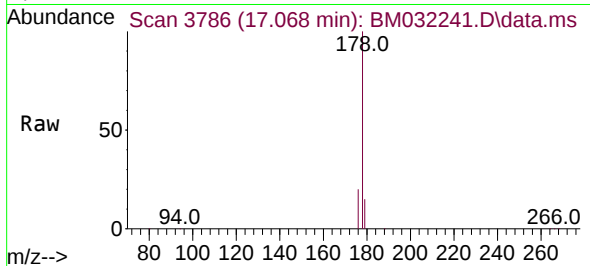
Tgt Ion:166 Resp: 5074
Ion Ratio Lower Upper
166 100
165 102.5 79.4 119.2
167 17.9 10.8 16.2#





#15
Phenanthrene
Concen: 1.942 ng/ul
RT: 17.068 min Scan# 3786
Delta R.T. -0.007 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

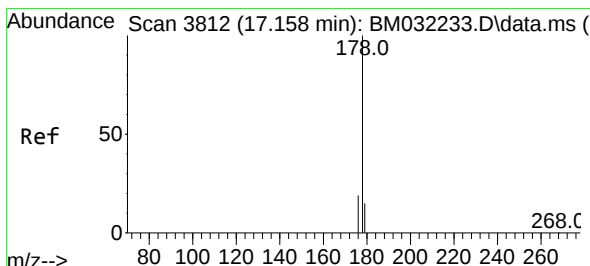
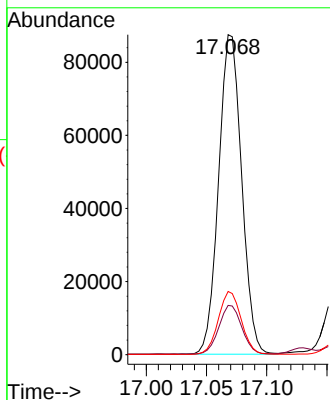
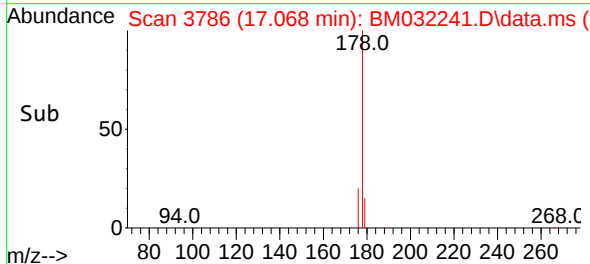
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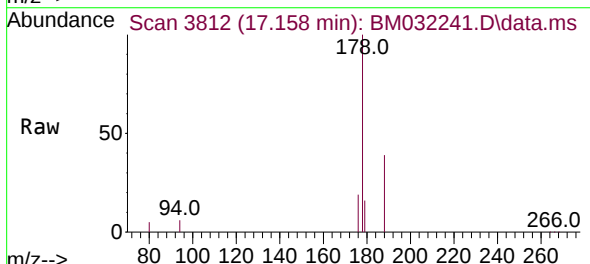
Tgt Ion:178 Resp: 116051
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.8 15.8 23.6

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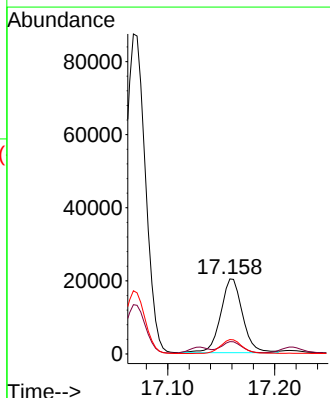
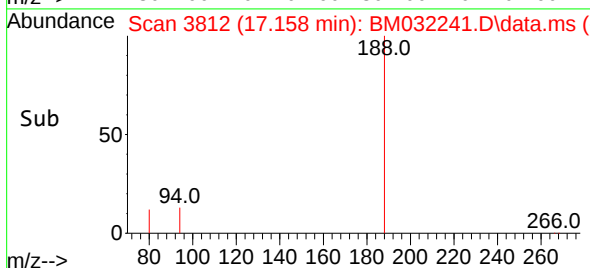
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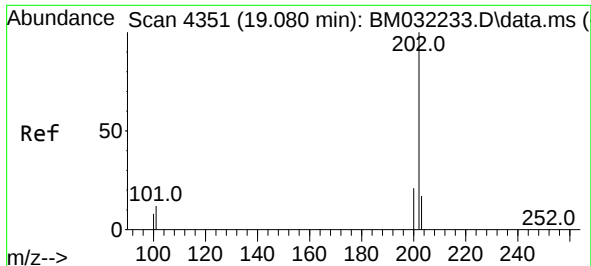


#16
Anthracene
Concen: 0.583 ng/ul
RT: 17.158 min Scan# 3812
Delta R.T. -0.007 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



Tgt Ion:178 Resp: 28705
Ion Ratio Lower Upper
178 100
179 16.3 12.7 19.1
176 19.1 15.3 22.9





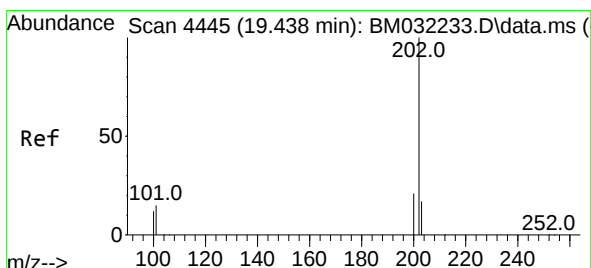
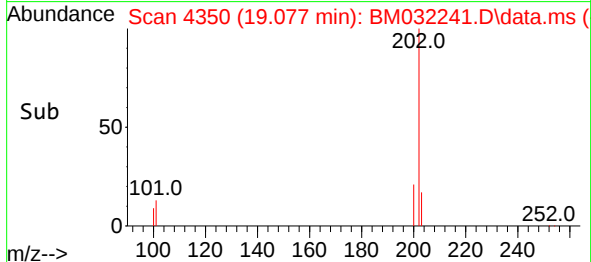
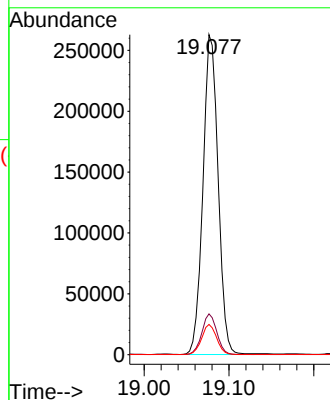
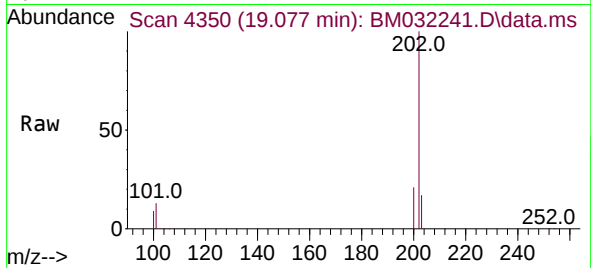
#19
Fluoranthene
Concen: 5.433 ng/u1
RT: 19.077 min Scan# 4350
Delta R.T. -0.007 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

Tgt Ion:202 Resp: 326615
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.5 7.2 10.8

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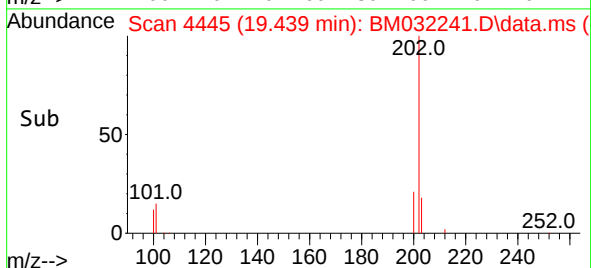
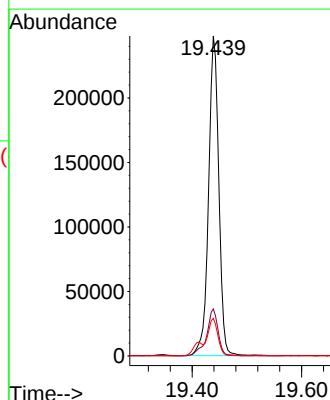
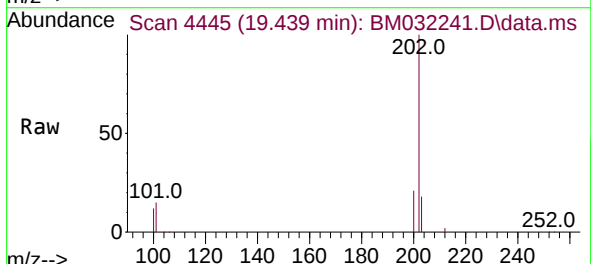
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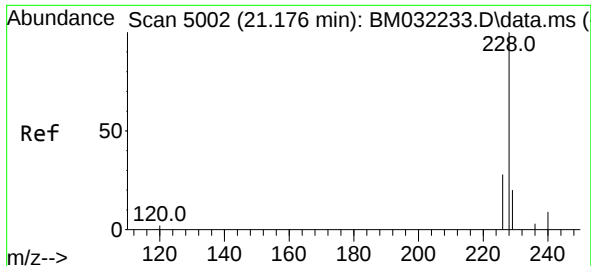
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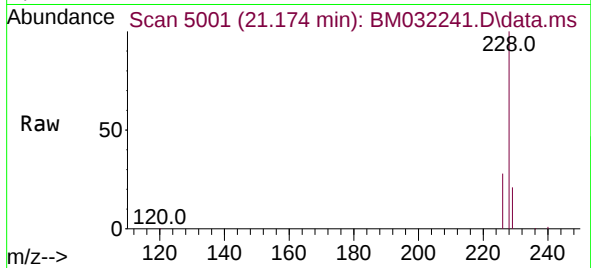
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Pyrene
Concen: 5.363 ng/u1
RT: 19.439 min Scan# 4445
Delta R.T. -0.004 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

Tgt Ion:202 Resp: 323221
Ion Ratio Lower Upper
202 100
101 14.7 12.1 18.1
100 11.7 9.8 14.6

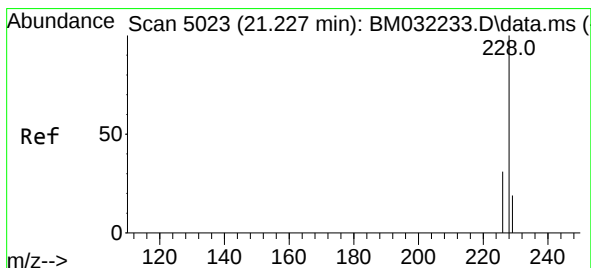
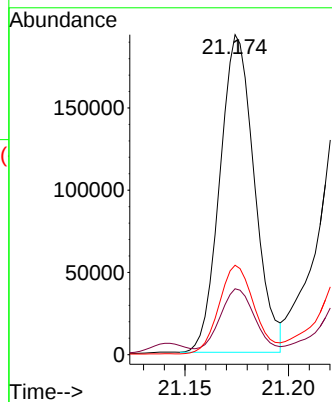
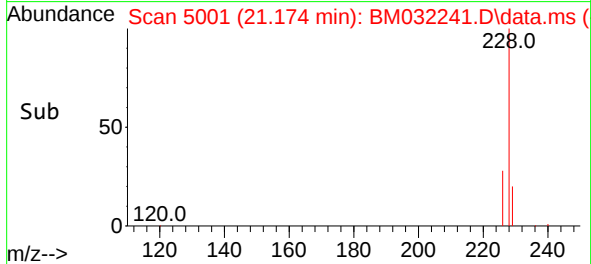




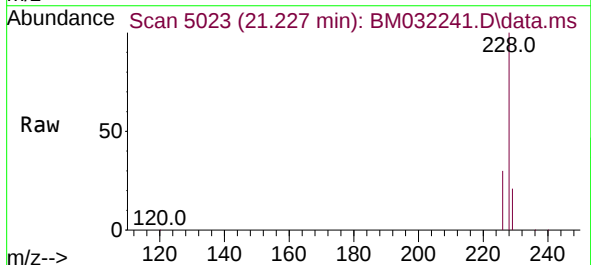
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Benzo(a)anthracene
Concen: 4.388 ng/u1
RT: 21.174 min Scan# 5001
Delta R.T. -0.005 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



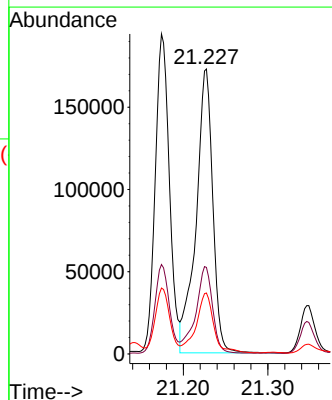
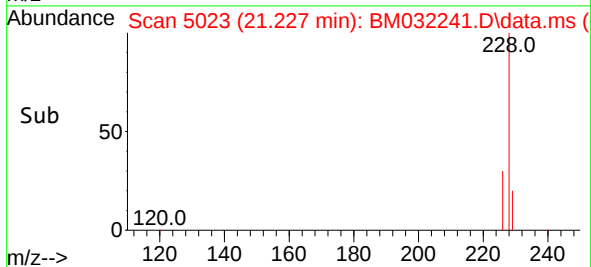
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Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.0 22.3 33.5



#22
Chrysene
Concen: 3.983 ng/u1
RT: 21.227 min Scan# 5023
Delta R.T. -0.002 min
Lab File: BM032241.D
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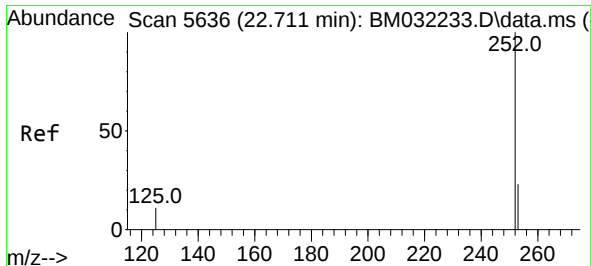
Tgt Ion:228 Resp: 237342
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.4 15.6 23.4



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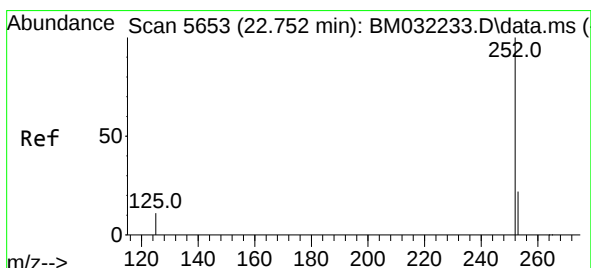
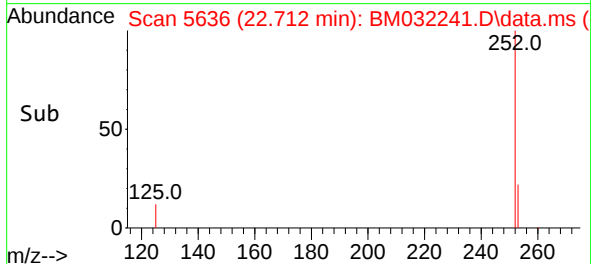
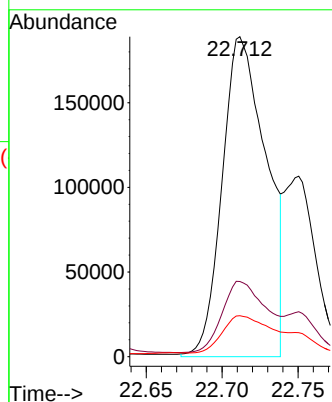
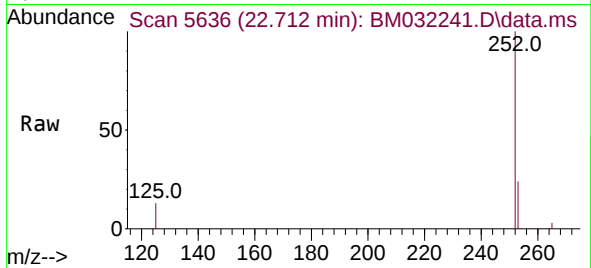
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Benzo(b)fluoranthene
Concen: 6.009 ng/ul m
RT: 22.712 min Scan# 5636
Delta R.T. -0.002 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

Tgt Ion:252 Resp: 381065
Ion Ratio Lower Upper
252 100
253 23.5 0.0 58.0
125 12.8 0.0 31.4

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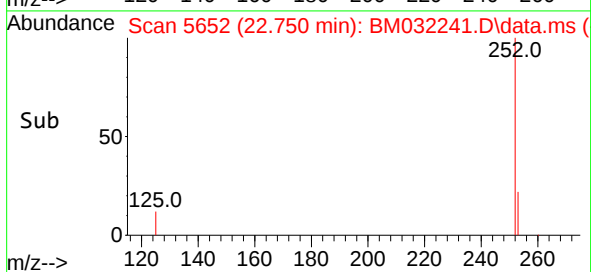
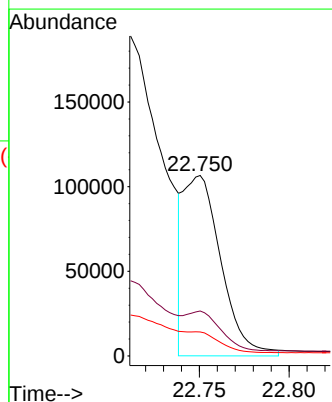
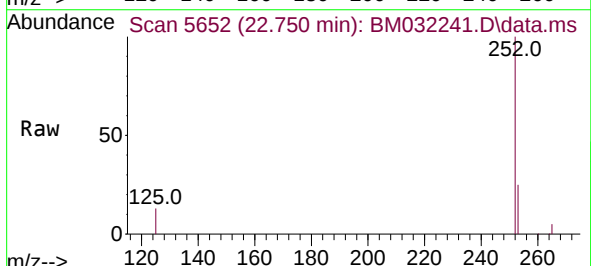
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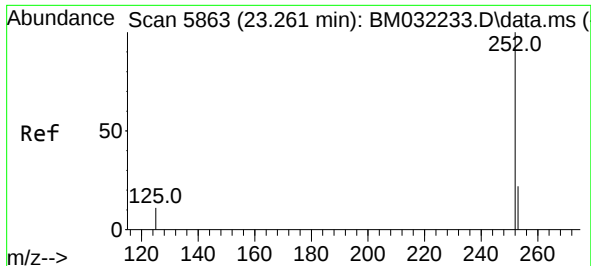
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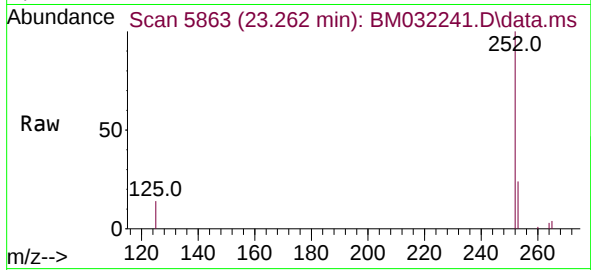
#25
Benzo(k)fluoranthene
Concen: 2.536 ng/ul m
RT: 22.750 min Scan# 5652
Delta R.T. -0.005 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

Tgt Ion:252 Resp: 155474
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 13.3 12.9 19.3

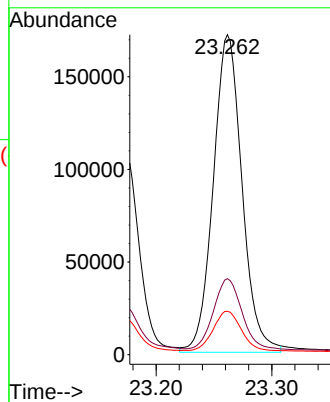
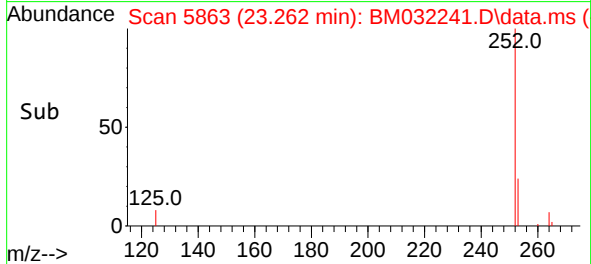




#26
Benzo(a)pyrene
Concen: 6.219 ng/ul m
RT: 23.262 min Scan# 5863
Delta R.T. -0.002 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



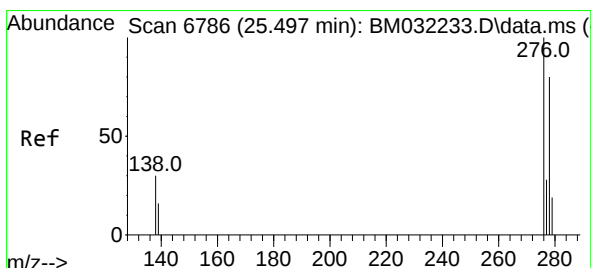
Tgt Ion:252 Resp: 296405
Ion Ratio Lower Upper
252 100
253 23.8 25.8 38.8#
125 13.6 15.4 23.2#



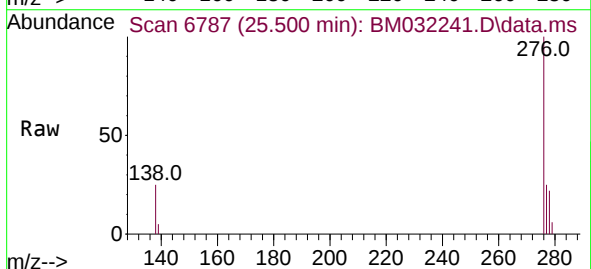
Instrument :
BNA_M
ClientSampleId :
C0AA6

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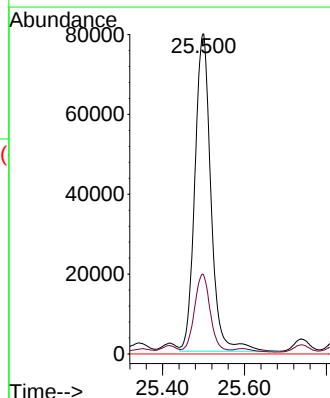
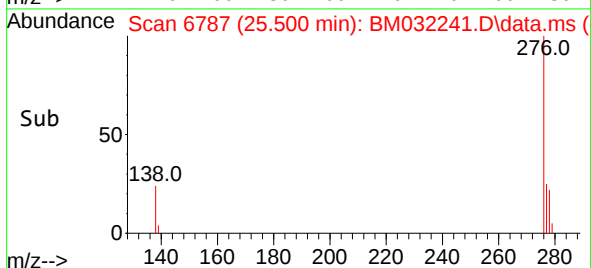
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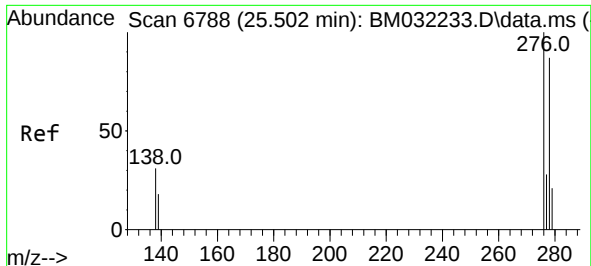


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.556 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.005 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34

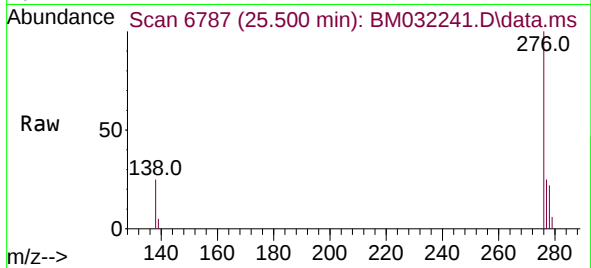


Tgt Ion:276 Resp: 216828
Ion Ratio Lower Upper
276 100
138 25.4 24.3 36.5
227 0.0 0.0 0.0

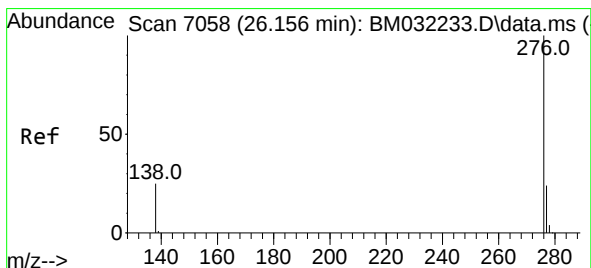
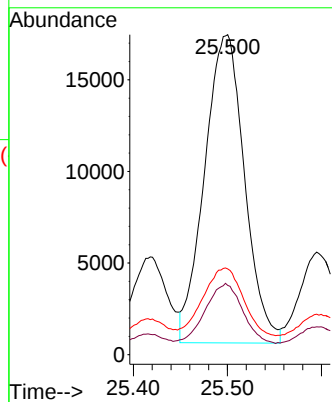
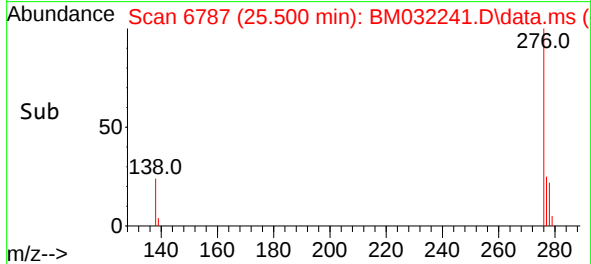




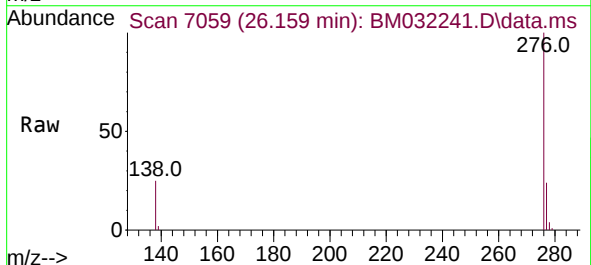
#28
Dibenzo(a,h)anthracene
Concen: 1.004 ng/ul
RT: 25.500 min Scan# 6787
Delta R.T. -0.009 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



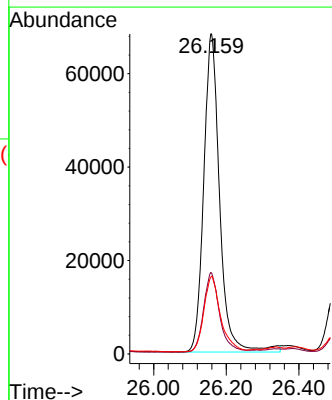
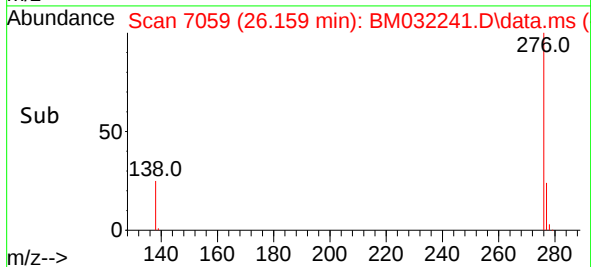
Tgt Ion:278 Resp: 49768
Ion Ratio Lower Upper
278 100
139 21.6 16.6 24.8
279 26.8 23.0 34.6



#29
Benzo(g,h,i)perylene
Concen: 3.582 ng/ul
RT: 26.159 min Scan# 7059
Delta R.T. -0.005 min
Lab File: BM032241.D
Acq: 28 Sep 2021 15:34



Tgt Ion:276 Resp: 206762
Ion Ratio Lower Upper
276 100
138 25.3 21.0 31.4
277 24.3 19.8 29.8



Instrument :
BNA_M
ClientSampleId :
C0AA6

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