

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031245.D
 Acq On : 29 Jul 2021 12:57
 Operator : CG/JU
 Sample : M3082-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0008DL

Manual Integrations
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Quant Time: Jul 29 13:27:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 29 10:56:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	1684	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6548	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	3972	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7902	0.400	ng/ul	0.00
17) Chrysene-d12	21.180	240	6487	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	6506	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	710	0.380	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	305	0.028	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	633	0.029	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.428	128	1837	0.094	ng/ul#	94
7) 2-Methylnaphthalene	12.043	142	1583	0.119	ng/ul	100
8) 1-Methylnaphthalene	12.267	142	1120	0.085	ng/ul	99
10) Acenaphthylene	13.963	152	4162	0.246	ng/ul	98
11) Acenaphthene	14.307	153	426	0.030	ng/ul	94
12) Fluorene	15.297	166	2175	0.133	ng/ul#	94
15) Phenanthrene	17.034	178	34994	1.395	ng/ul	98
16) Anthracene	17.124	178	7870	0.335	ng/ul	100
19) Fluoranthene	19.054	202	59047	2.132	ng/ul	99
20) Pyrene	19.416	202	43389	1.544	ng/ul	98
21) Benzo(a)anthracene	21.166	228	23282	0.889	ng/ul	96
22) Chrysene	21.217	228	22237	0.821	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	29698m	1.013	ng/ul	
25) Benzo(k)fluoranthene	22.745	252	10997m	0.363	ng/ul	
26) Benzo(a)pyrene	23.253	252	16378	0.638	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.492	276	12835	0.387	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.504	278	3643	0.136	ng/ul#	75
29) Benzo(g,h,i)perylene	26.146	276	1391	0.049	ng/ul#	62

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

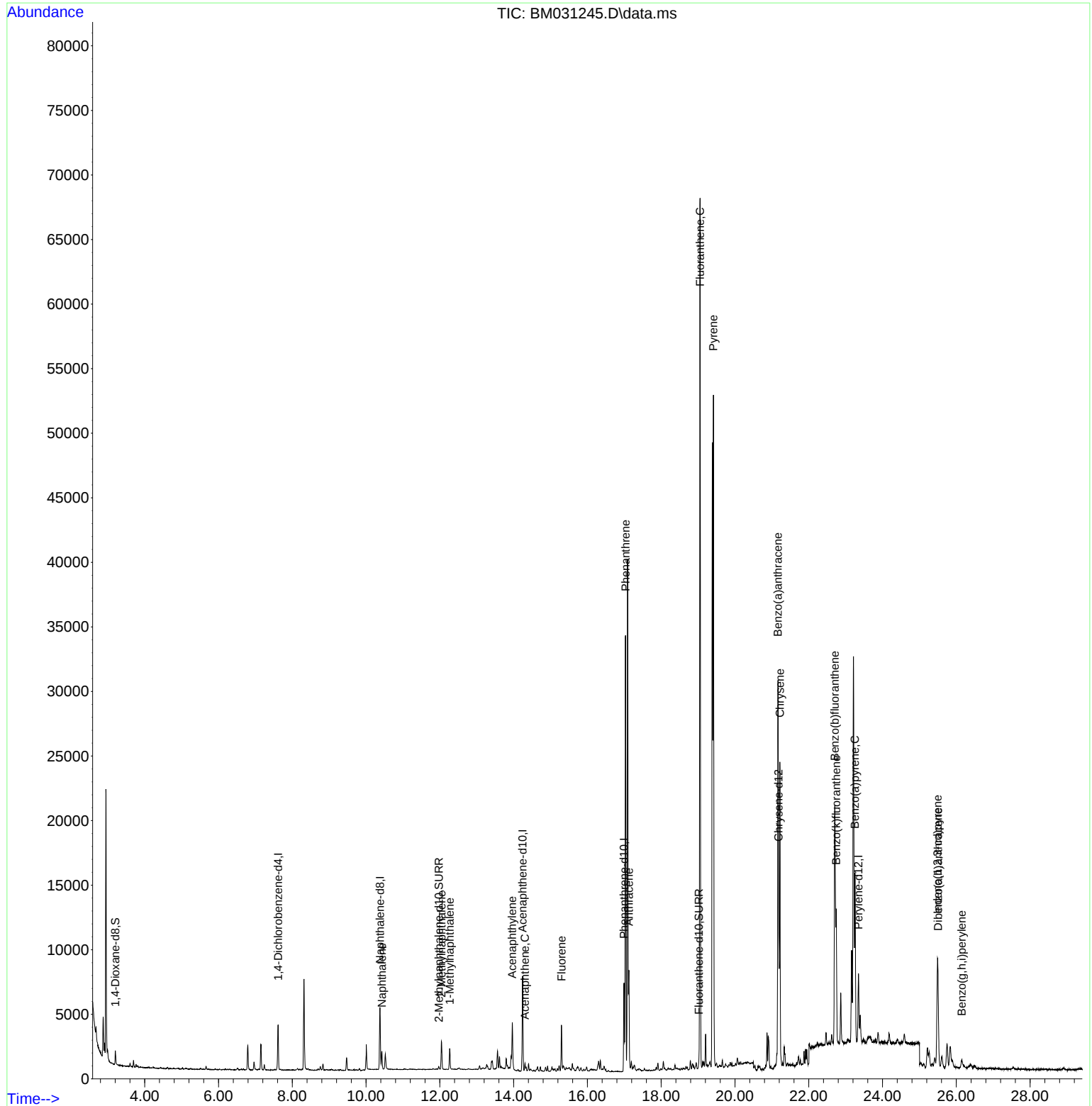
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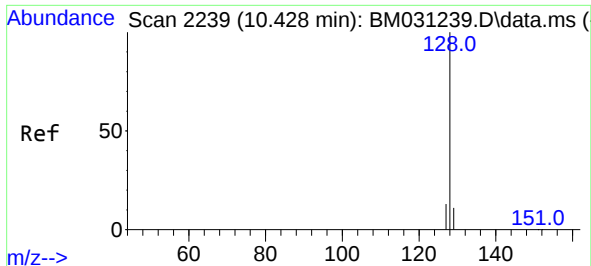
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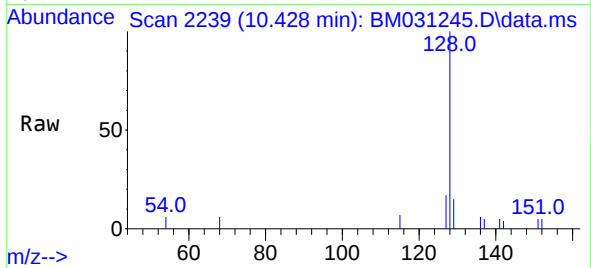
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Quant Time: Jul 29 13:27:42 2021
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QLast Update : Thu Jul 29 10:56:05 2021
Response via : Initial Calibration

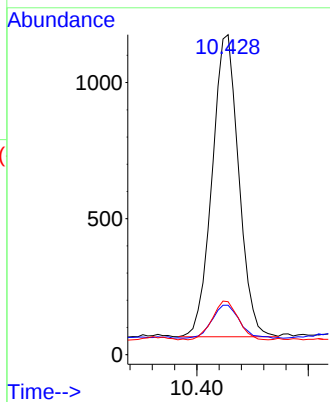
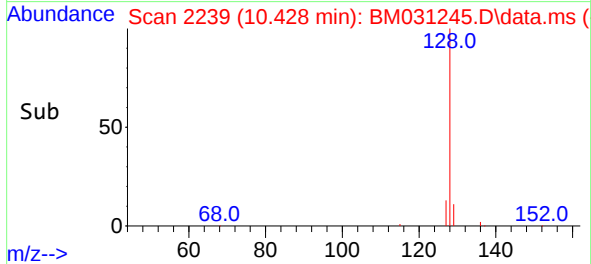




#5
Naphthalene
Concen: 0.094 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57



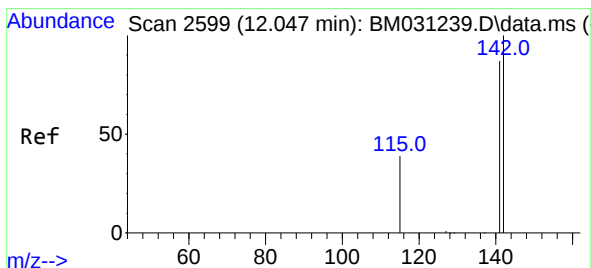
Tgt Ion:128 Resp: 1837
Ion Ratio Lower Upper
128 100
129 15.5 10.0 15.0#
127 16.6 11.6 17.4



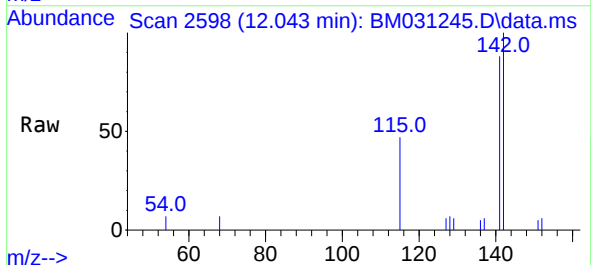
Instrument :
BNA_M
ClientSampled :
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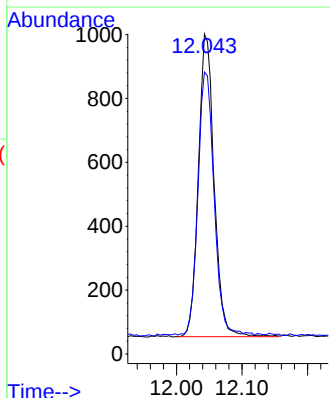
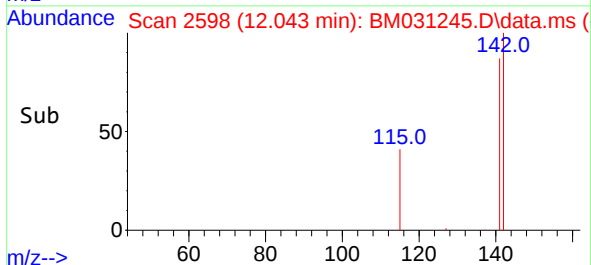
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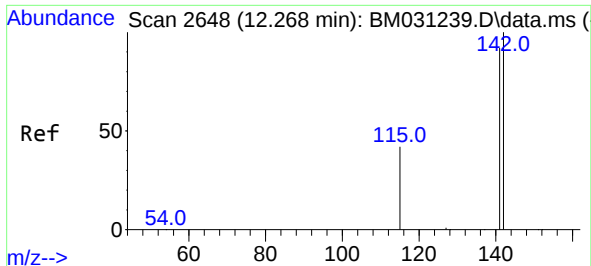


#7
2-Methylnaphthalene
Concen: 0.119 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.005 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57



Tgt Ion:142 Resp: 1583
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0





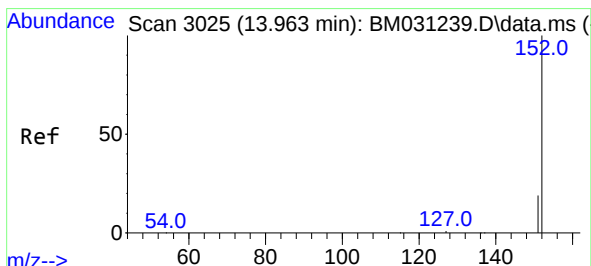
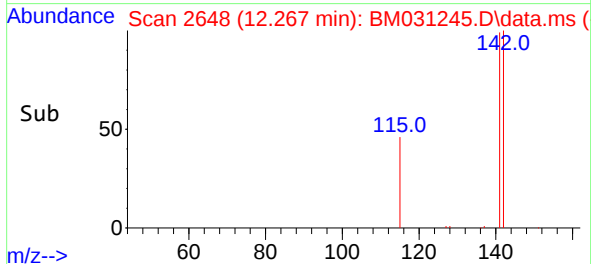
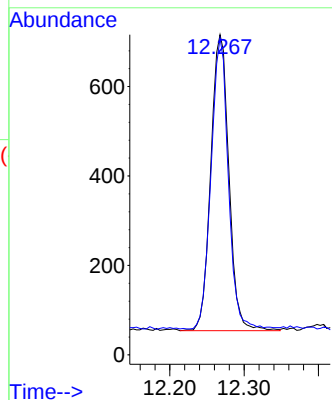
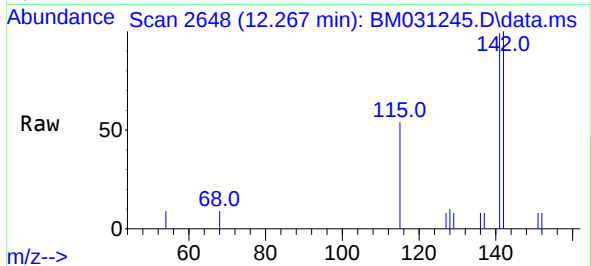
#8
1-Methylnaphthalene
Concen: 0.085 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:142 Resp: 1120
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

Instrument :
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ClientSampled :
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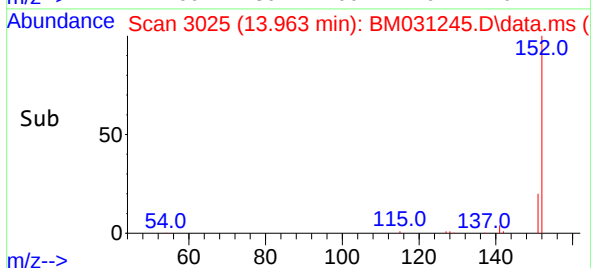
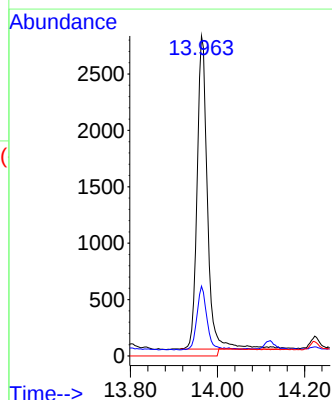
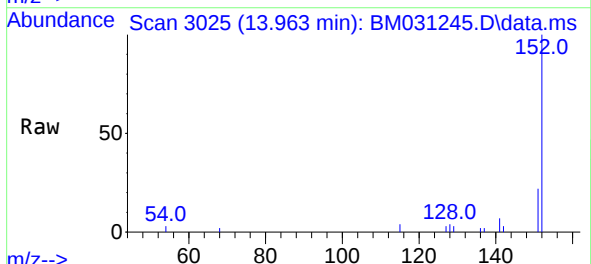
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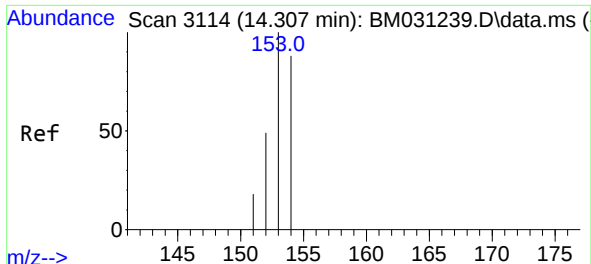
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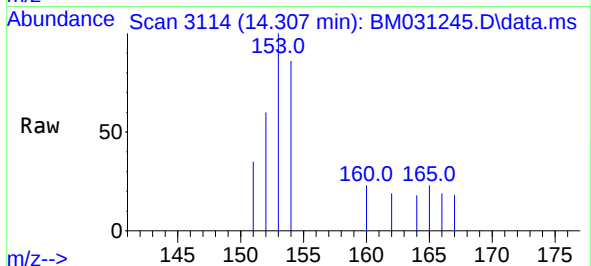
#10
Acenaphthylene
Concen: 0.246 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:152 Resp: 4162
Ion Ratio Lower Upper
152 100
151 21.8 16.9 25.3
153 0.0 0.0 0.0

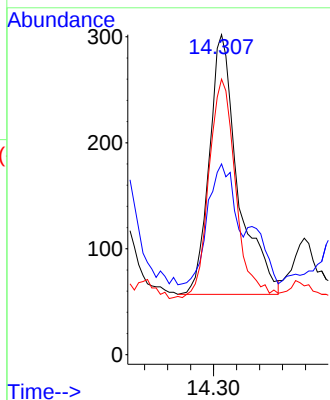
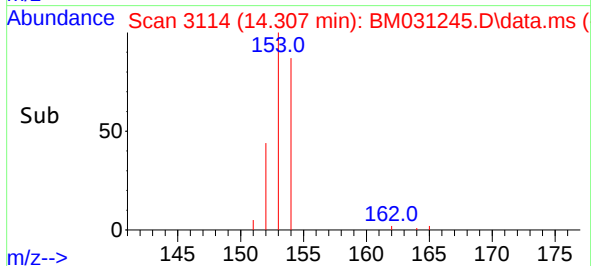




#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57



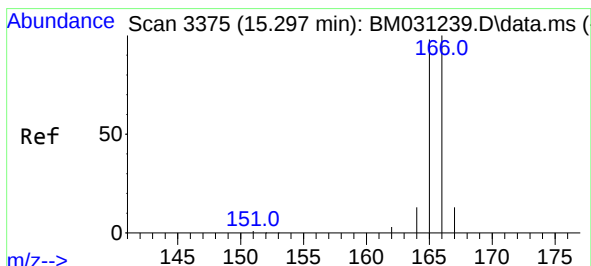
Tgt Ion:153 Resp: 426
Ion Ratio Lower Upper
153 100
152 59.6 40.7 61.1
154 86.1 70.2 105.2



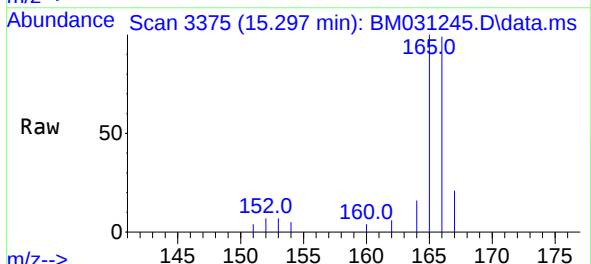
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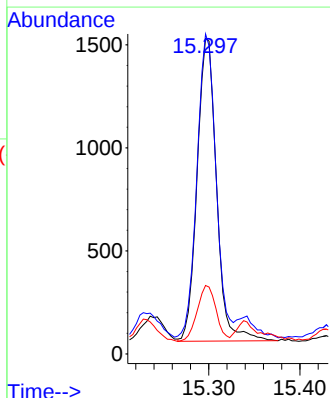
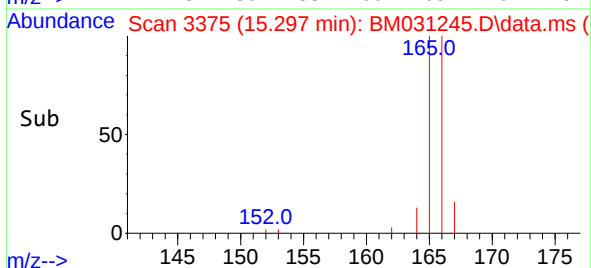
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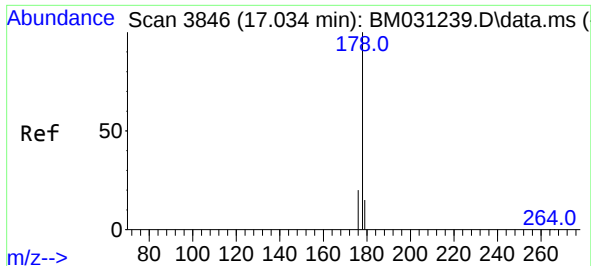


#12
Fluorene
Concen: 0.133 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57



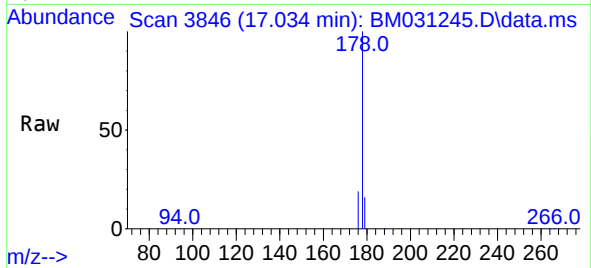
Tgt Ion:166 Resp: 2175
Ion Ratio Lower Upper
166 100
165 101.4 78.0 117.0
167 21.7 12.0 18.0#





#15
Phenanthrene
Concen: 1.395 ng/u1
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

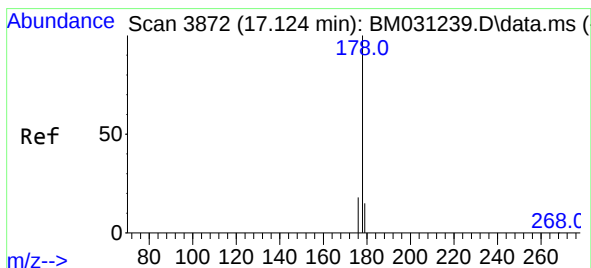
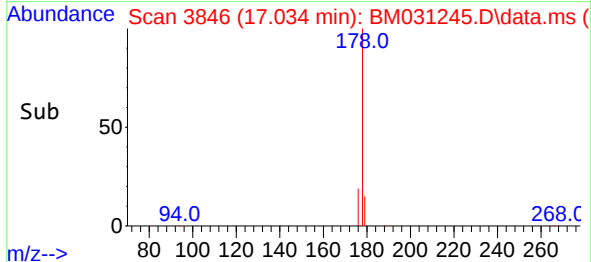
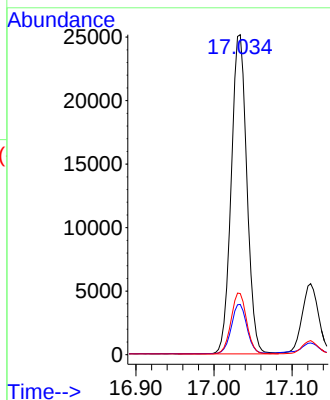
Instrument :
BNA_M
ClientSampled :
C0008DL



Tgt Ion:178 Resp: 34994
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.1 16.2 24.4

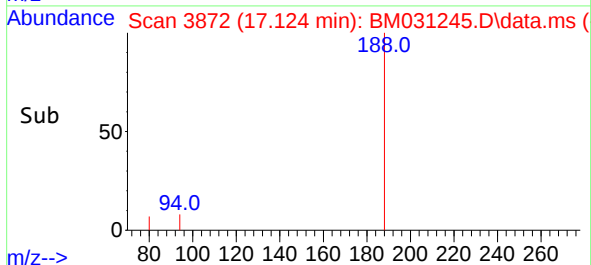
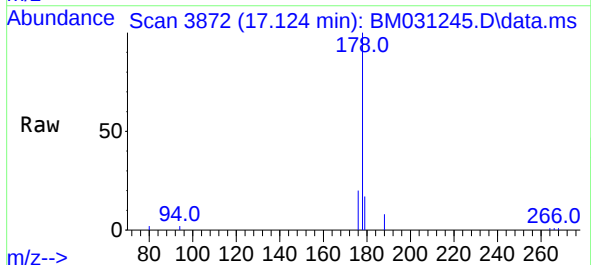
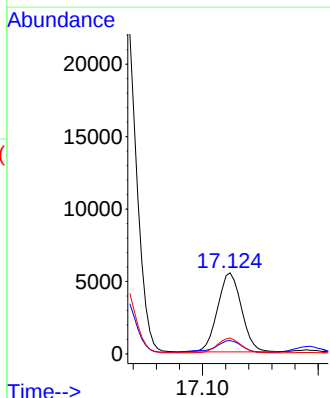
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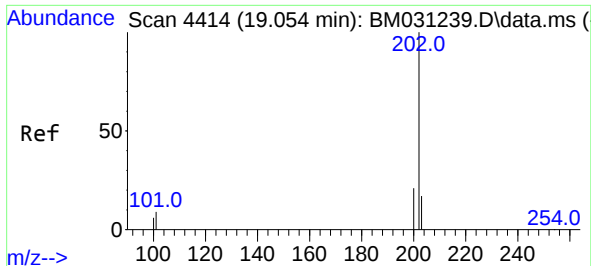
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#16
Anthracene
Concen: 0.335 ng/u1
RT: 17.124 min Scan# 3872
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

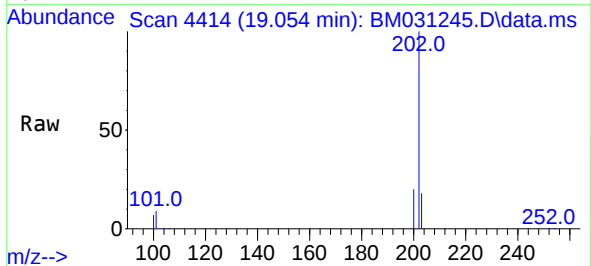
Tgt Ion:178 Resp: 7870
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.6
176 19.7 15.6 23.4





#19
Fluoranthene
Concen: 2.132 ng/ul
RT: 19.054 min Scan# 4414
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

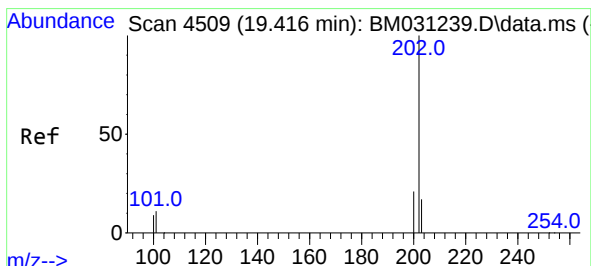
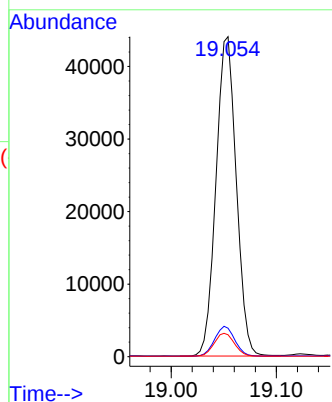
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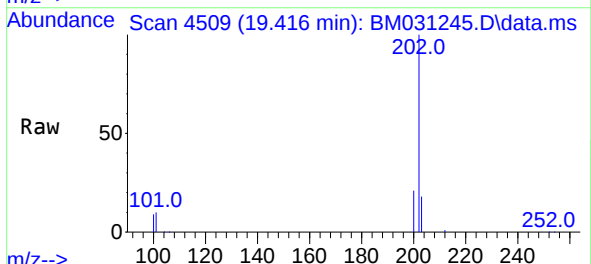
Tgt Ion:202 Resp: 59047
Ion Ratio Lower Upper
202 100
101 8.9 6.6 10.0
100 6.8 5.4 8.0

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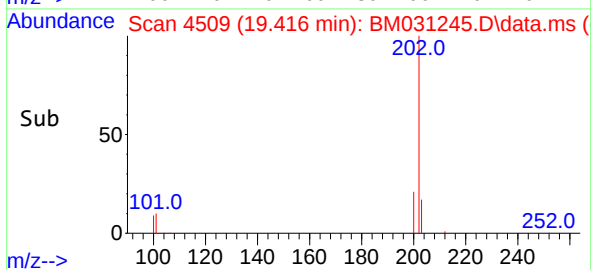
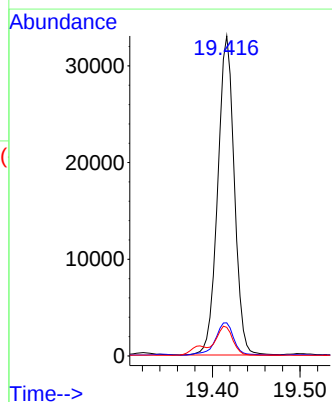
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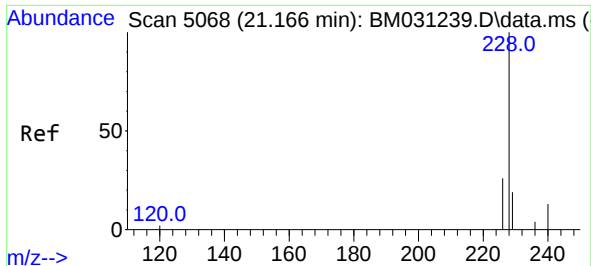


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Pyrene
Concen: 1.544 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57



Tgt Ion:202 Resp: 43389
Ion Ratio Lower Upper
202 100
101 10.3 7.8 11.6
100 9.0 6.6 10.0





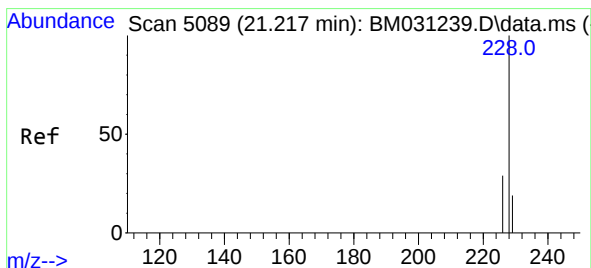
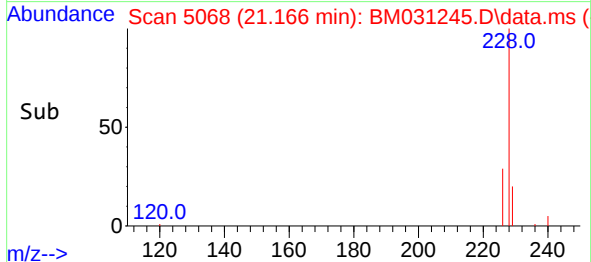
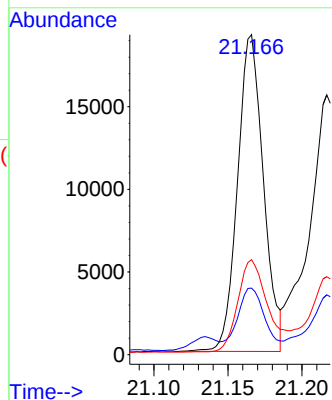
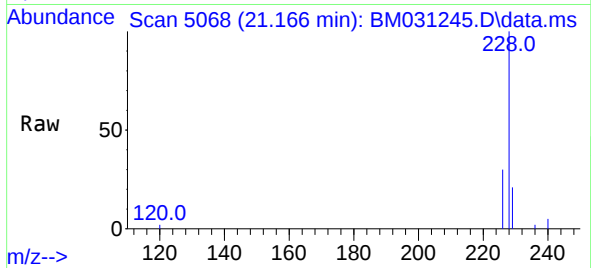
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Benzo(a)anthracene
Concen: 0.889 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:228	Resp:	23282
Ion Ratio	Lower	Upper
228	100	
229	20.8	15.6 23.4
226	29.7	21.7 32.5

Instrument :
BNA_M
ClientSampled :
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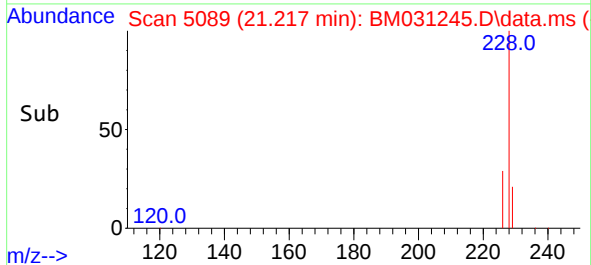
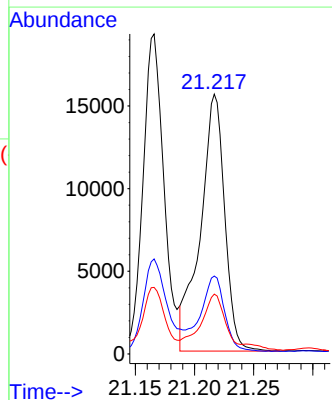
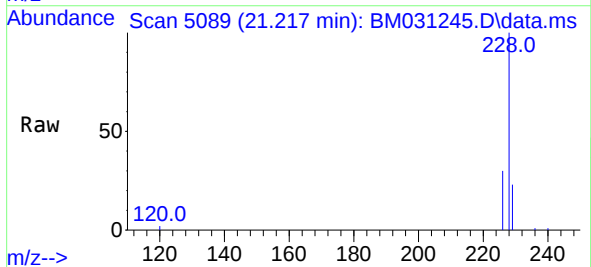
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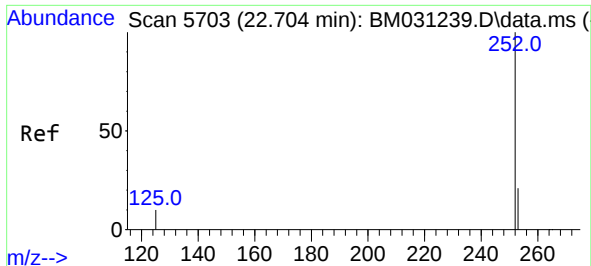
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#22
Chrysene
Concen: 0.821 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:228	Resp:	22237
Ion Ratio	Lower	Upper
228	100	
226	30.0	24.7 37.1
229	23.0	16.2 24.2





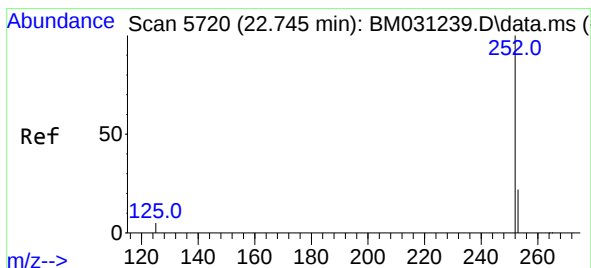
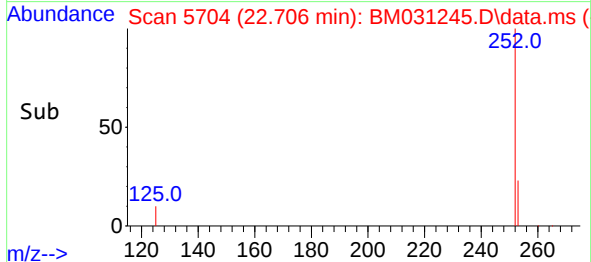
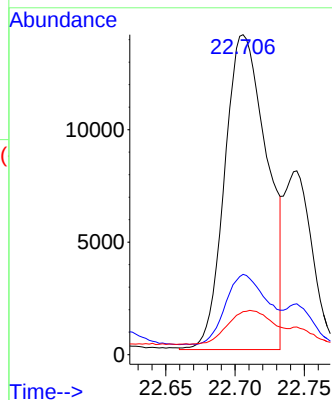
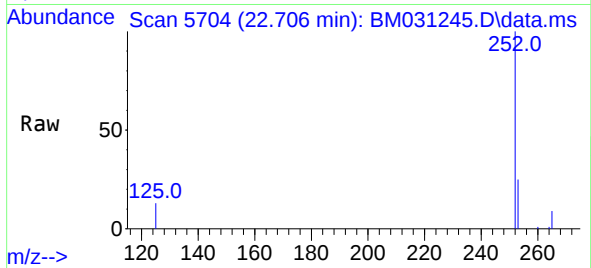
#24
Benzo(b)fluoranthene
Concen: 1.013 ng/ul m
RT: 22.706 min Scan# 5704
Delta R.T. 0.002 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:252 Resp: 29698
Ion Ratio Lower Upper
252 100
253 25.1 0.0 53.0
125 13.5 0.0 22.8

Instrument :
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C0008DL

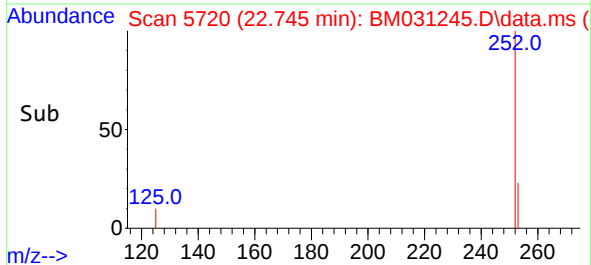
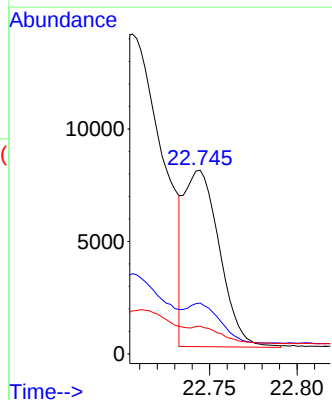
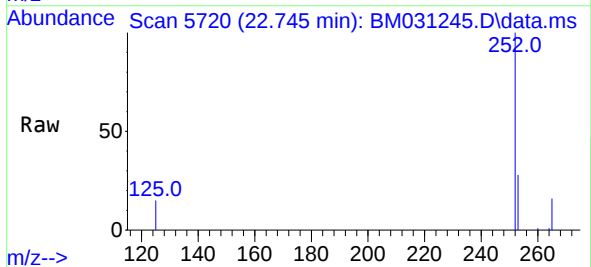
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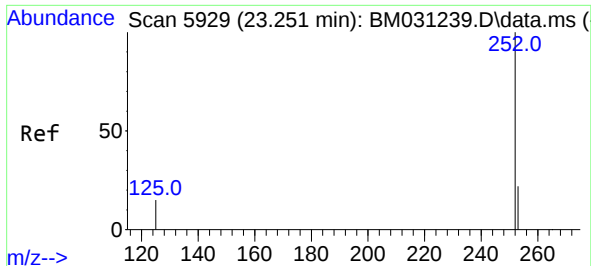
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#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul m
RT: 22.745 min Scan# 5720
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:252 Resp: 10997
Ion Ratio Lower Upper
252 100
253 27.7 21.3 31.9
125 15.1 8.8 13.2#





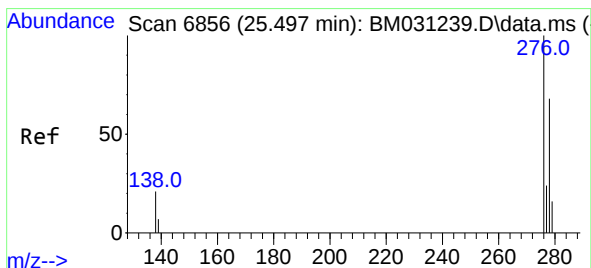
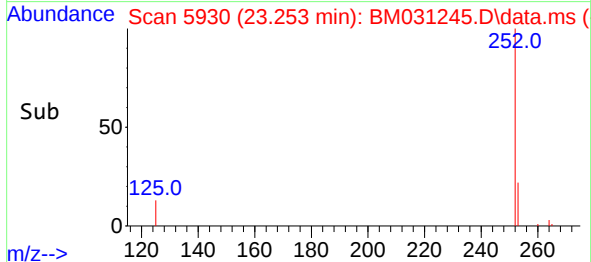
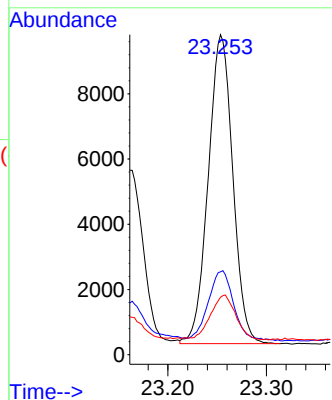
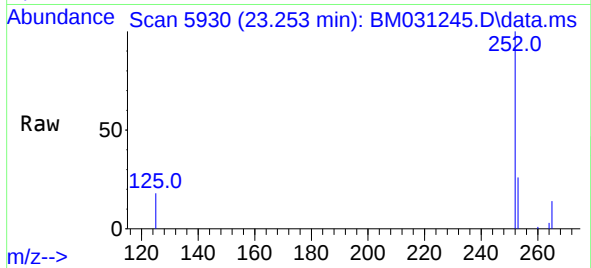
#26
Benzo(a)pyrene
Concen: 0.638 ng/ul
RT: 23.253 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:	252	Resp:	16378
Ion Ratio	Lower	Upper	
252	100		
253	25.9	22.4	33.6
125	18.0	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0008DL

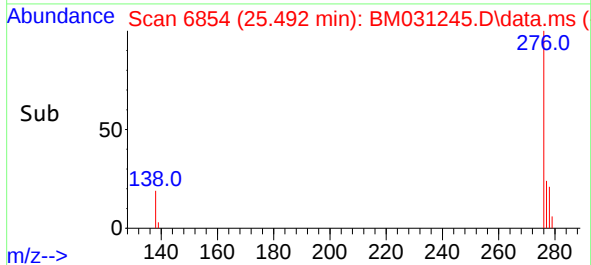
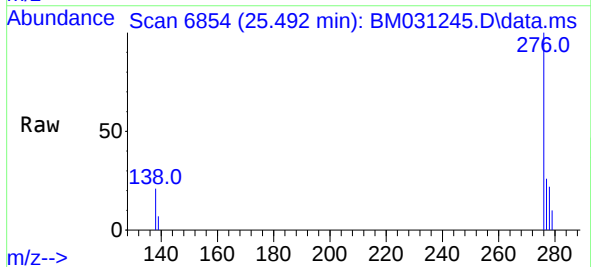
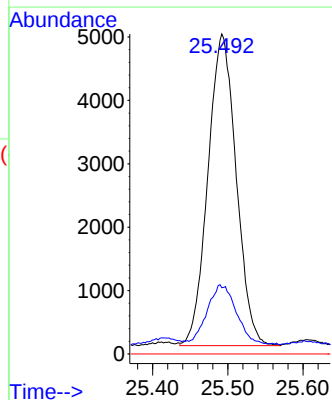
Manual Integrations
APPROVED

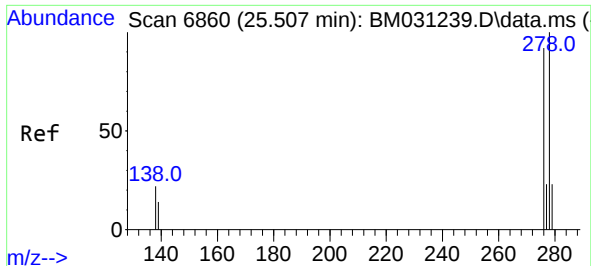
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 25.492 min Scan# 6854
Delta R.T. -0.005 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:	276	Resp:	12835
Ion Ratio	Lower	Upper	
276	100		
138	19.8	15.8	23.8
227	0.0	0.0	0.0





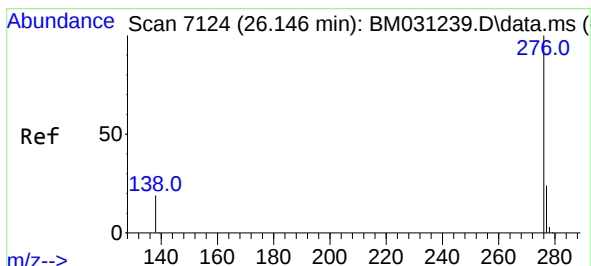
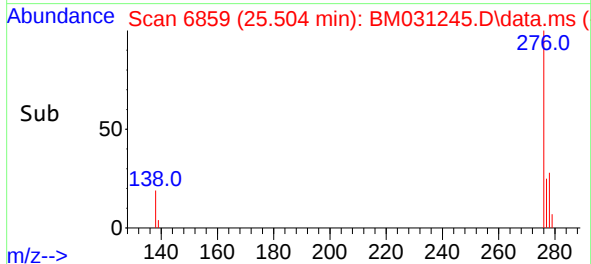
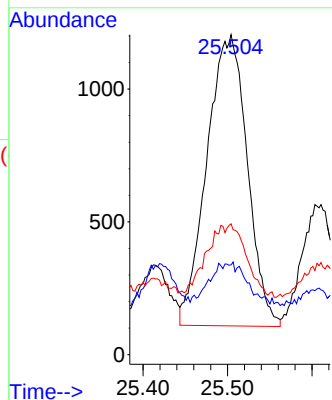
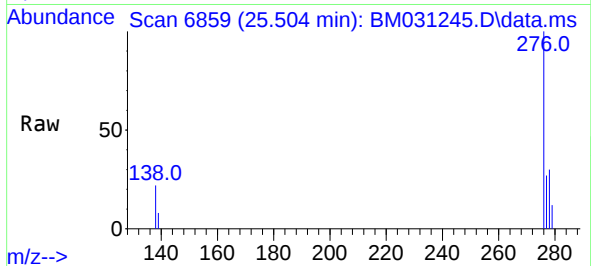
#28
Dibenzo(a,h)anthracene
Concen: 0.136 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.003 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:	278	Resp:	3643
Ion Ratio	Lower	Upper	
278	100		
139	28.0	13.3	19.9#
279	40.9	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0008DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. -0.000 min
Lab File: BM031245.D
Acq: 29 Jul 2021 12:57

Tgt Ion:	276	Resp:	1391
Ion Ratio	Lower	Upper	
276	100		
138	42.8	15.4	23.2#
277	38.5	19.9	29.9#

