

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031671.D
 Acq On : 12 Aug 2021 11:16
 Operator : CG/JU
 Sample : M3182-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00B8

Manual Integrations
 APPROVED

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Quant Time: Aug 12 12:47:26 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 Aug 12 11:28:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	1062	0.400	ng/ul	0.00
4) Naphthalene-d8	10.329	136	3752	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.205	164	2104	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.957	188	3831	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.152	240	3324	0.400	ng/ul	# 0.00
23) Perylene-d12	23.309	264	3401	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	1979	1.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.926	152	935	0.148	ng/ul	0.00
18) Fluoranthene-d10	18.989	212	1807	0.163	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.379	128	8305	0.743	ng/ul	99
7) 2-Methylnaphthalene	12.002	142	5096	0.667	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	2871	0.381	ng/ul	99
10) Acenaphthylene	13.927	152	5420	0.605	ng/ul	99
11) Acenaphthene	14.265	153	664	0.088	ng/ul#	92
12) Fluorene	15.263	166	1331	0.153	ng/ul#	91
15) Phenanthrene	16.996	178	31855	2.619	ng/ul	98
16) Anthracene	17.089	178	7111	0.624	ng/ul	100
19) Fluoranthene	19.020	202	82345	5.802	ng/ul	99
20) Pyrene	19.382	202	70726	4.913	ng/ul	98
21) Benzo(a)anthracene	21.137	228	38680	2.882	ng/ul	97
22) Chrysene	21.190	228	44432	3.200	ng/ul	97
24) Benzo(b)fluoranthene	22.670	252	64626m	4.217	ng/ul	
25) Benzo(k)fluoranthene	22.708	252	21809m	1.378	ng/ul	
26) Benzo(a)pyrene	23.215	252	38846	2.895	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.439	276	28852	1.663	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.444	278	7116	0.509	ng/ul#	91
29) Benzo(g,h,i)perylene	26.091	276	8399	0.568	ng/ul	96

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

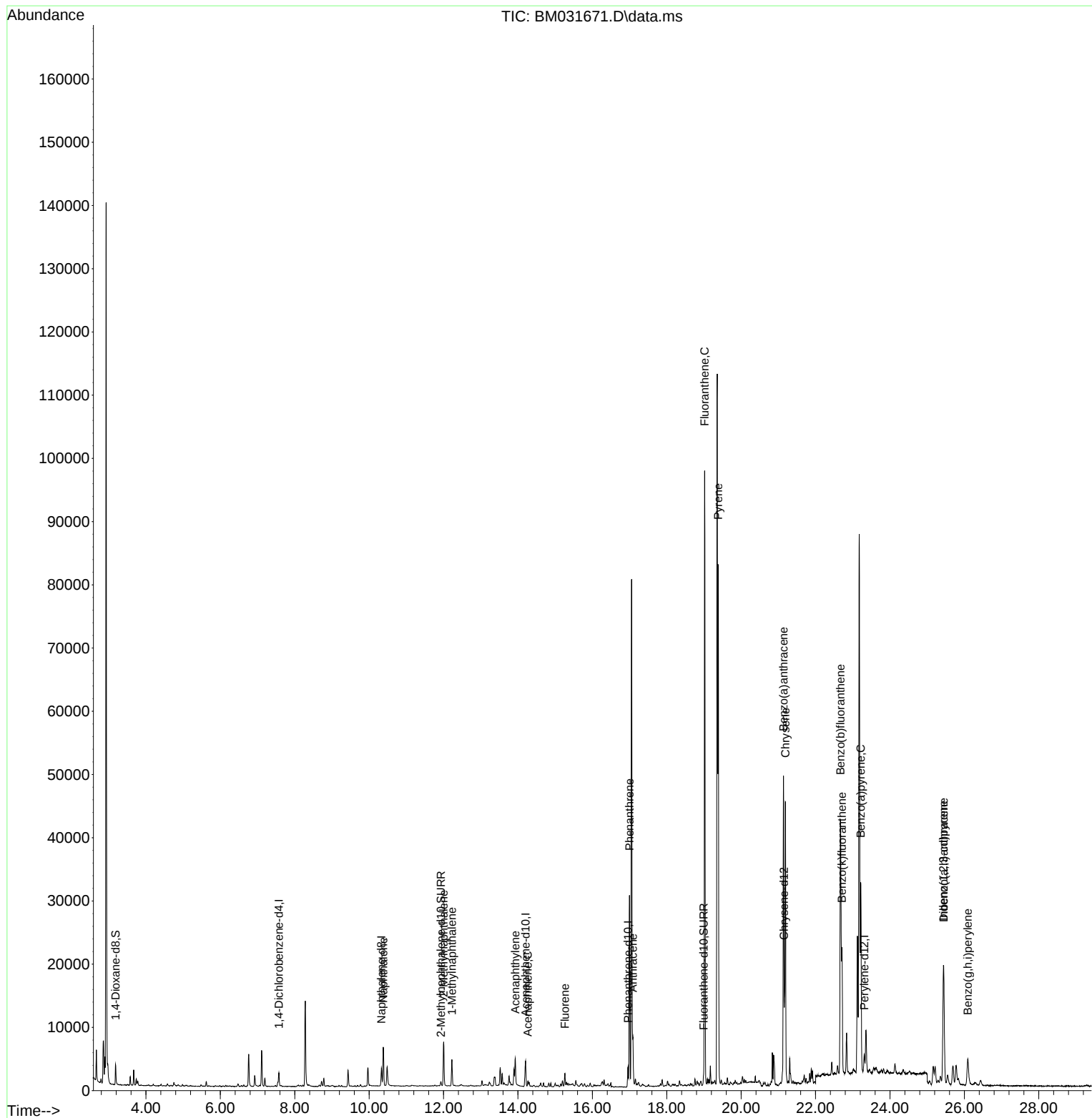
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031671.D
Acq On : 12 Aug 2021 11:16
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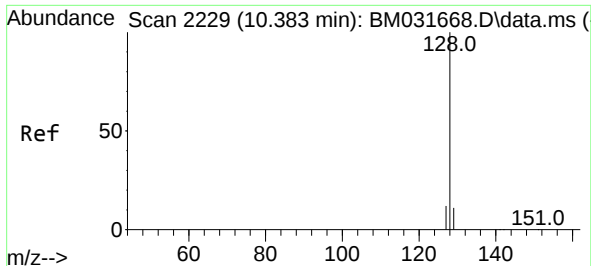
Instrument :
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ClientSampleId :
C00B8

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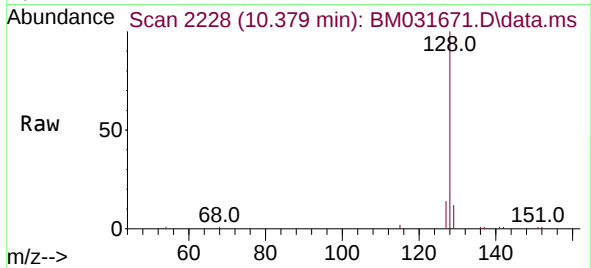
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Quant Time: Aug 12 12:47:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 11:28:10 2021
Response via : Initial Calibration

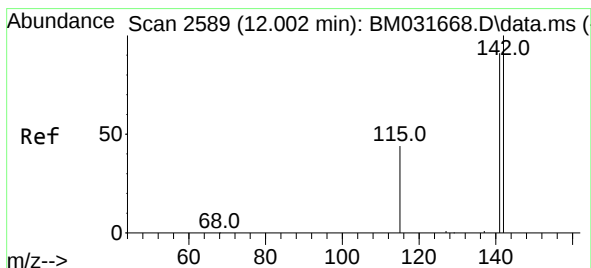
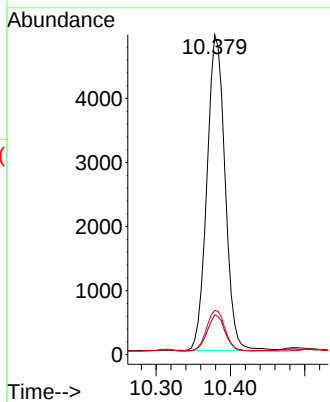
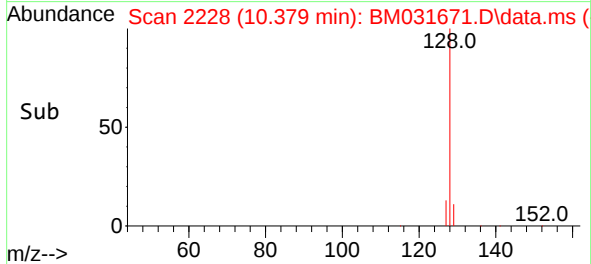




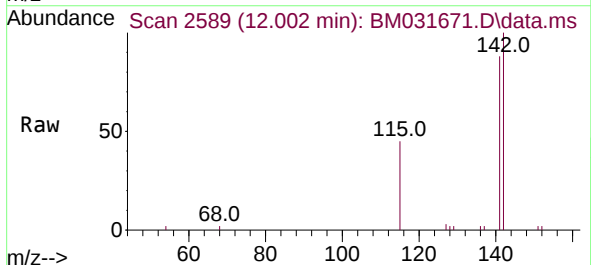
#5
Naphthalene
Concen: 0.743 ng/ul
RT: 10.379 min Scan# 2228
Delta R.T. -0.005 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



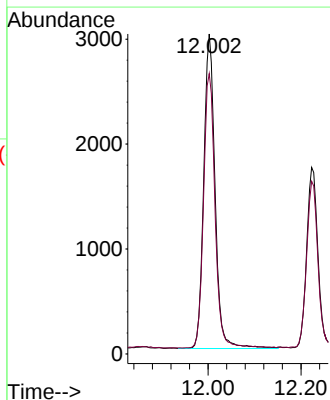
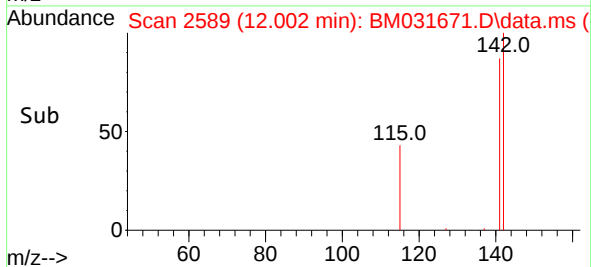
Tgt Ion:128 Resp: 8305
Ion Ratio Lower Upper
128 100
129 12.5 10.0 15.0
127 13.9 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.667 ng/ul
RT: 12.002 min Scan# 2589
Delta R.T. -0.000 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



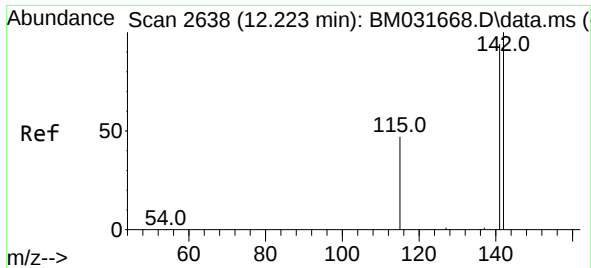
Tgt Ion:142 Resp: 5096
Ion Ratio Lower Upper
142 100
141 88.9 71.4 107.0



Instrument :
BNA_M
ClientSampleId :
C00B8

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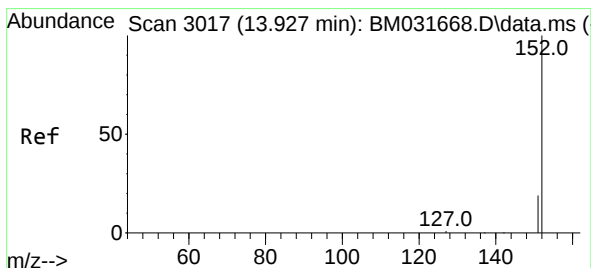
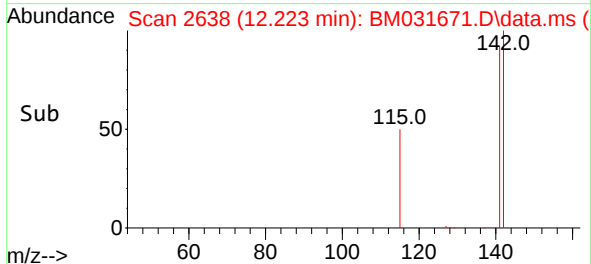
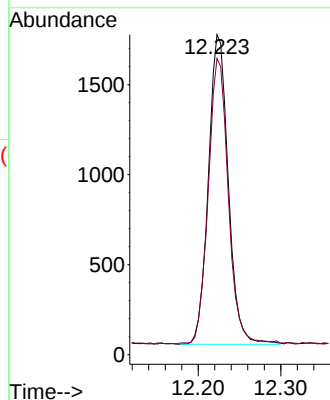
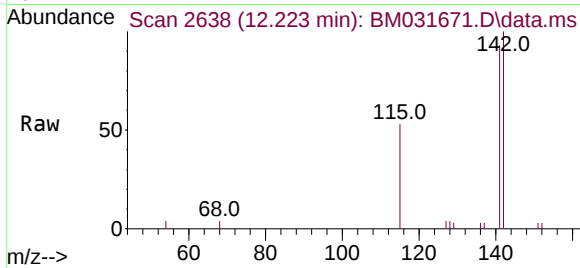
#8
1-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.000 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

Tgt Ion:142 Resp: 2871
Ion Ratio Lower Upper
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141 93.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00B8

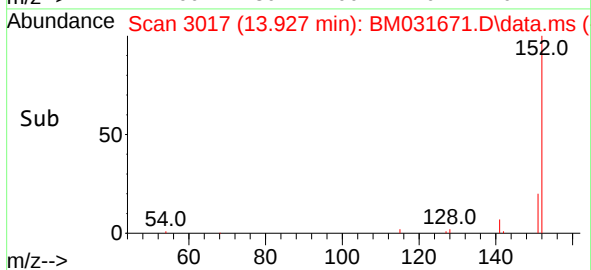
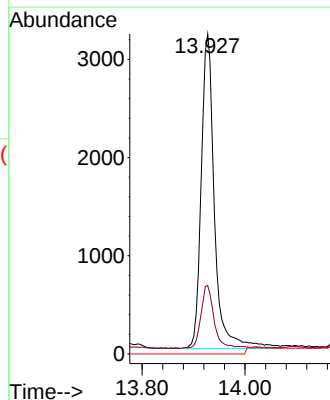
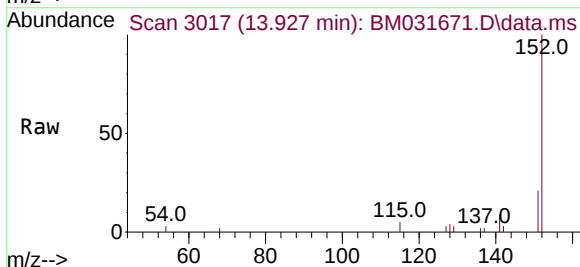
Manual Integrations
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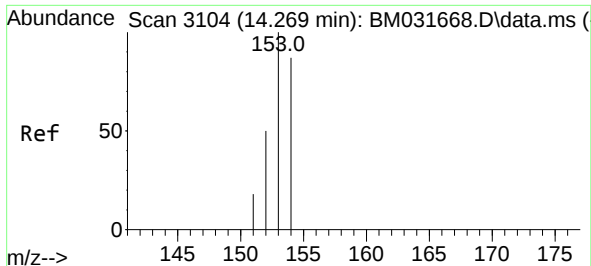
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#10
Acenaphthylene
Concen: 0.605 ng/ul
RT: 13.927 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

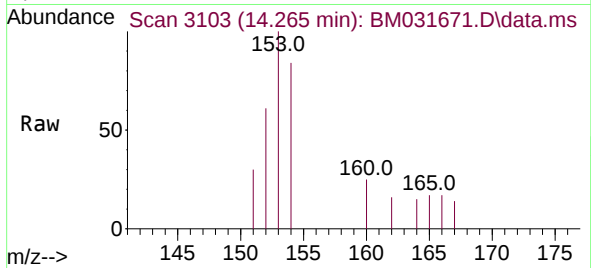
Tgt Ion:152 Resp: 5420
Ion Ratio Lower Upper
152 100
151 21.4 16.9 25.3
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.088 ng/ul
RT: 14.265 min Scan# 3103
Delta R.T. -0.004 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

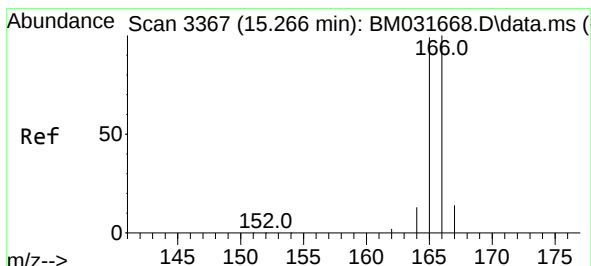
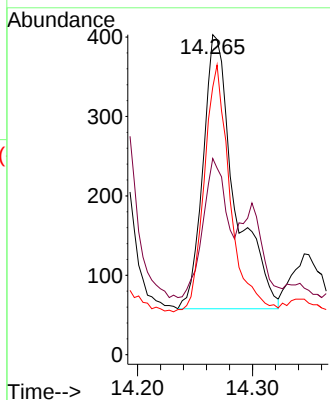
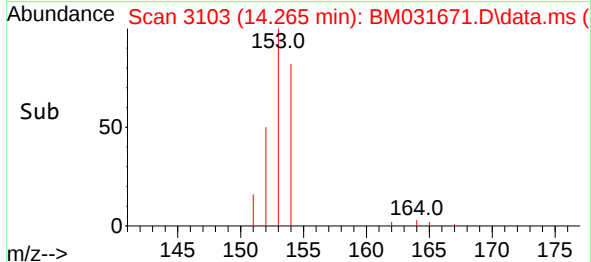
Instrument :
BNA_M
ClientSampled :
C00B8



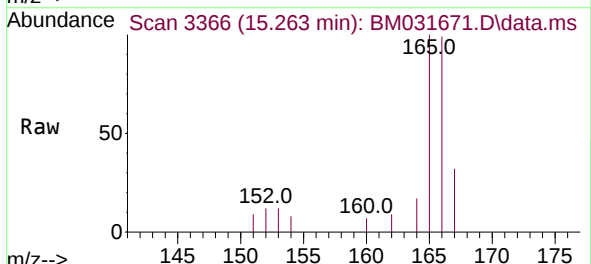
Tgt Ion:153 Resp: 664
Ion Ratio Lower Upper
153 100
152 61.3 40.7 61.1#
154 83.6 70.2 105.2

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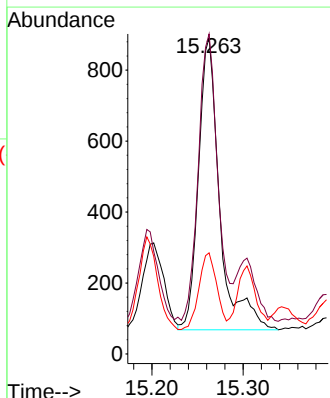
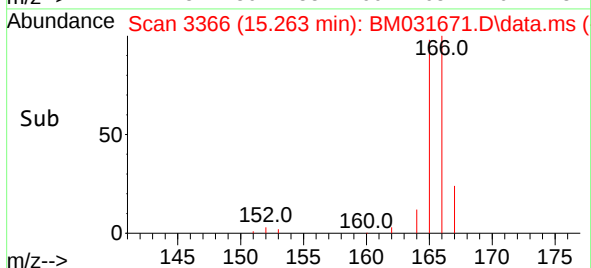
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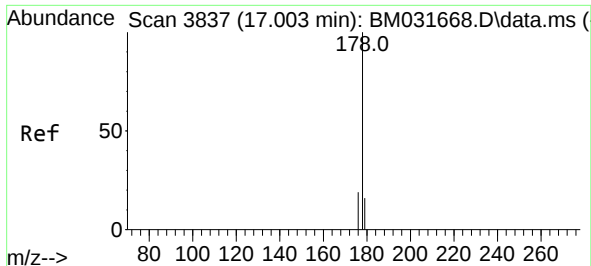


#12
Fluorene
Concen: 0.153 ng/ul
RT: 15.263 min Scan# 3366
Delta R.T. -0.004 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



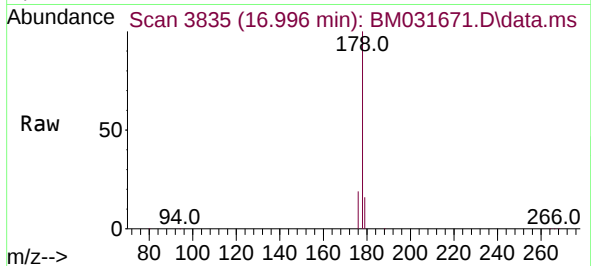
Tgt Ion:166 Resp: 1331
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 32.0 12.0 18.0#





#15
Phenanthrene
Concen: 2.619 ng/ul
RT: 16.996 min Scan# 3835
Delta R.T. -0.007 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

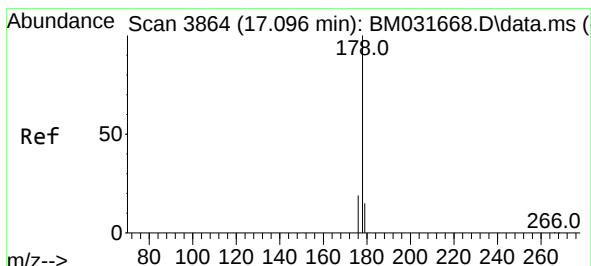
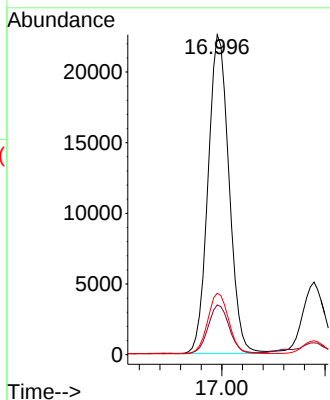
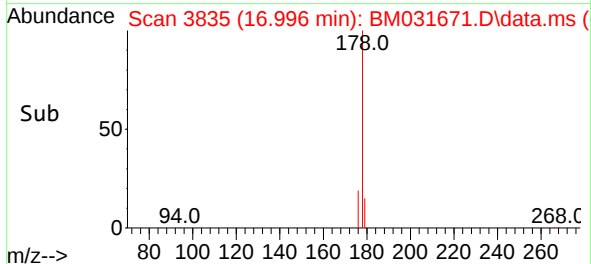
Instrument :
BNA_M
ClientSampled :
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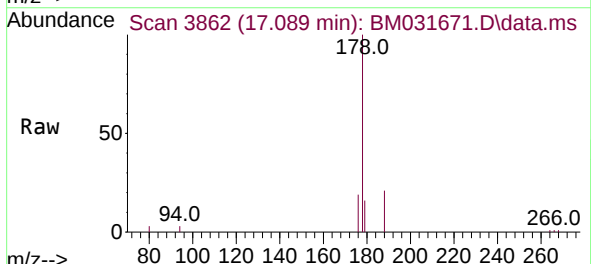
Tgt Ion:178 Resp: 31855
Ion Ratio Lower Upper
178 100
179 15.5 13.3 19.9
176 19.2 16.2 24.4

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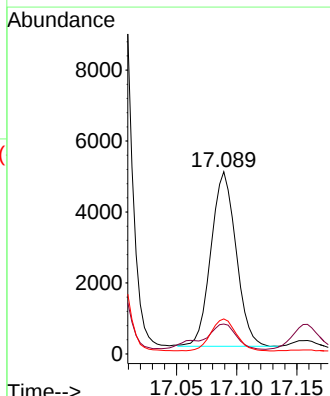
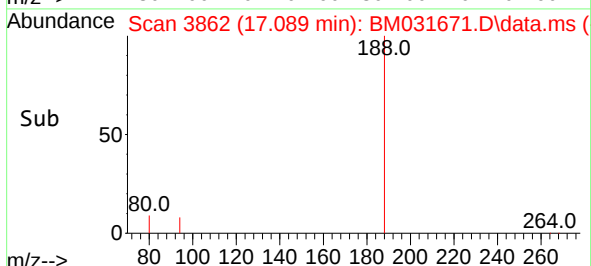
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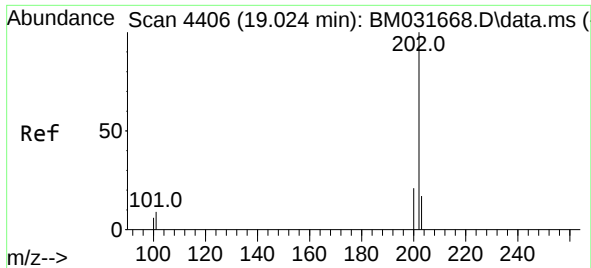


#16
Anthracene
Concen: 0.624 ng/ul
RT: 17.089 min Scan# 3862
Delta R.T. -0.007 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



Tgt Ion:178 Resp: 7111
Ion Ratio Lower Upper
178 100
179 16.4 13.0 19.6
176 19.2 15.6 23.4





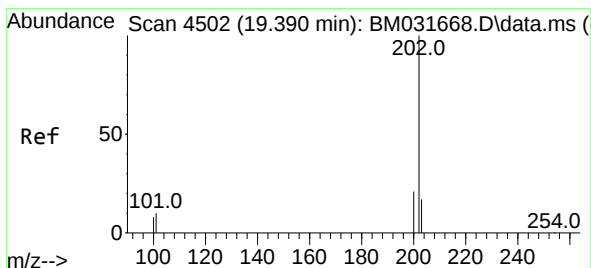
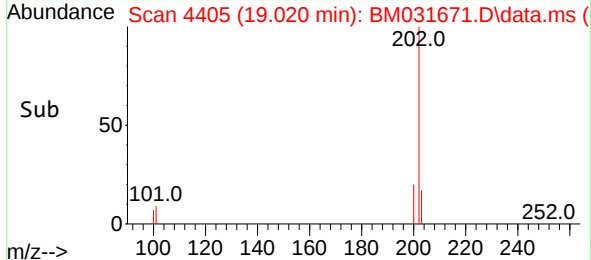
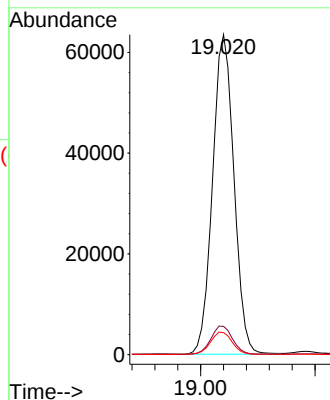
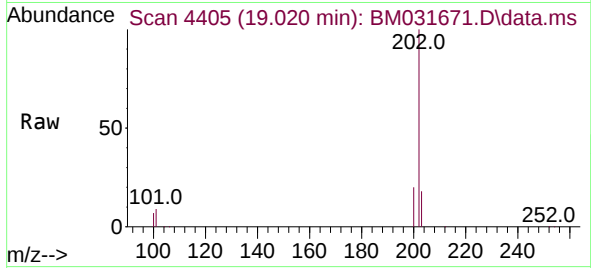
#19
Fluoranthene
Concen: 5.802 ng/u1
RT: 19.020 min Scan# 4405
Delta R.T. -0.004 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.6	10.0
100	6.9	5.4	8.0

Instrument :
BNA_M
ClientSampled :
C00B8

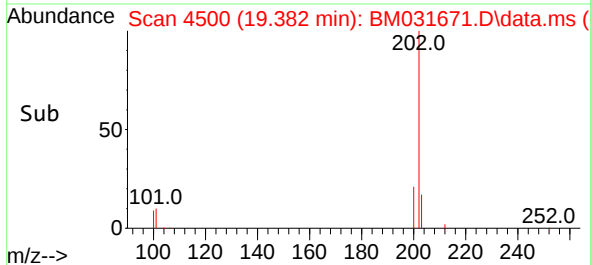
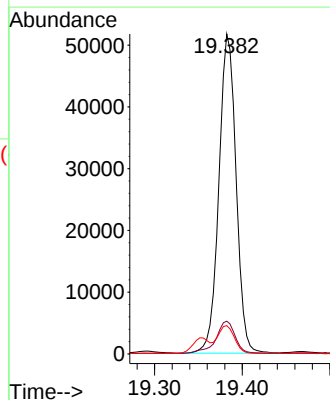
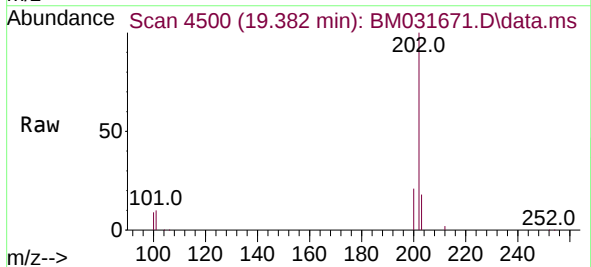
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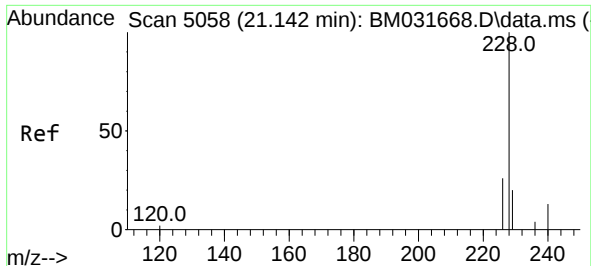
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#20
Pyrene
Concen: 4.913 ng/u1
RT: 19.382 min Scan# 4500
Delta R.T. -0.008 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.6
100	8.9	6.6	10.0





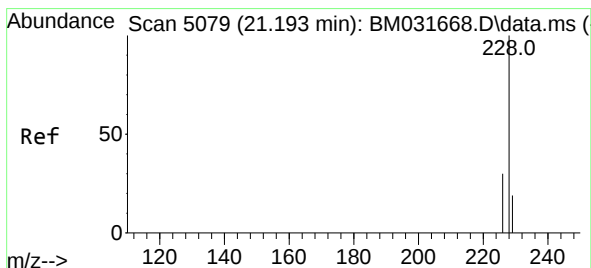
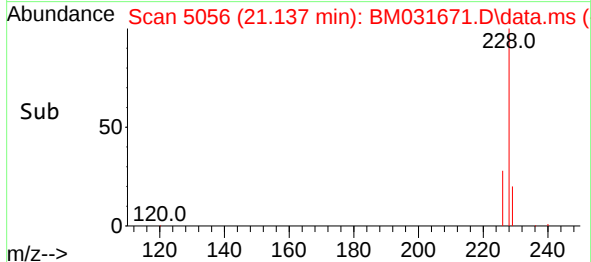
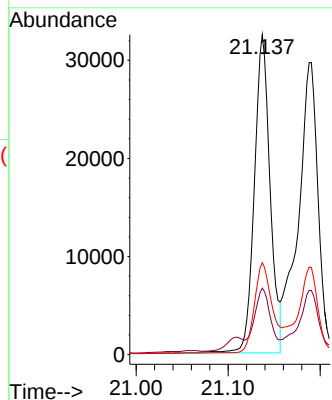
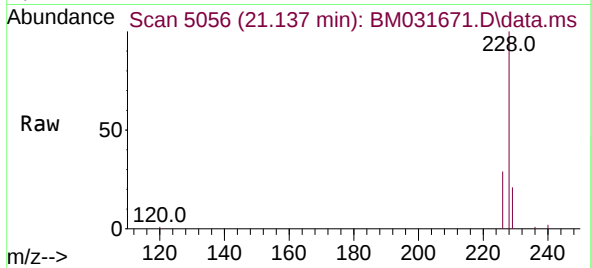
#21
Benzo(a)anthracene
Concen: 2.882 ng/ul
RT: 21.137 min Scan# 5056
Delta R.T. -0.005 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

Tgt Ion:228 Resp: 38680
Ion Ratio Lower Upper
228 100
229 20.8 15.6 23.4
226 28.7 21.7 32.5

Instrument :
BNA_M
ClientSampled :
C00B8

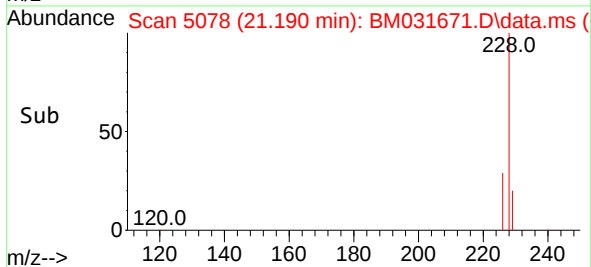
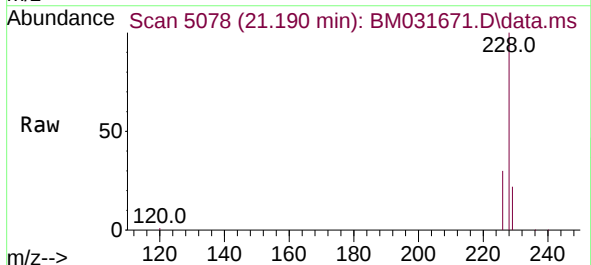
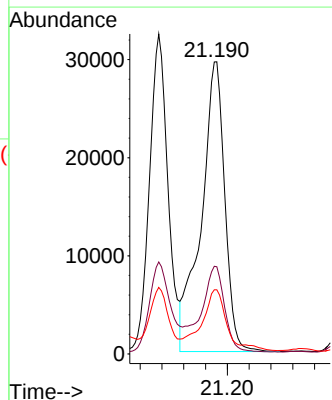
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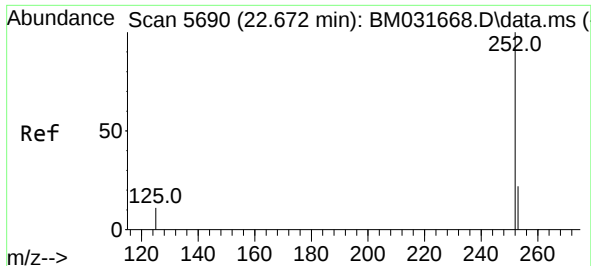
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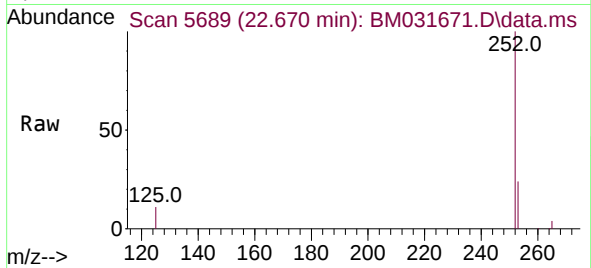
#22
Chrysene
Concen: 3.200 ng/ul
RT: 21.190 min Scan# 5078
Delta R.T. -0.002 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16

Tgt Ion:228 Resp: 44432
Ion Ratio Lower Upper
228 100
226 29.9 24.7 37.1
229 22.0 16.2 24.2

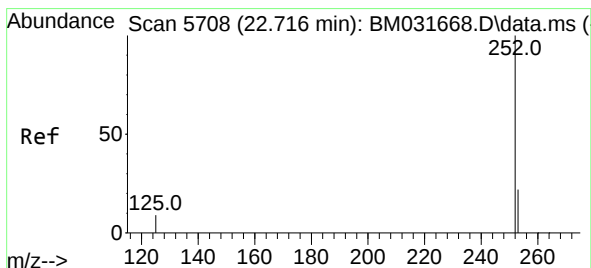
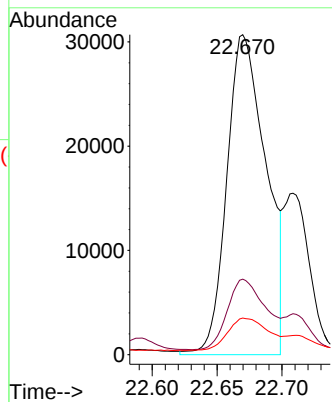
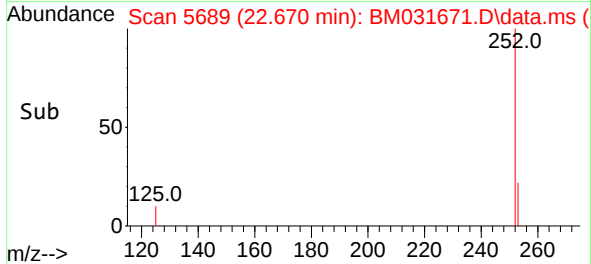




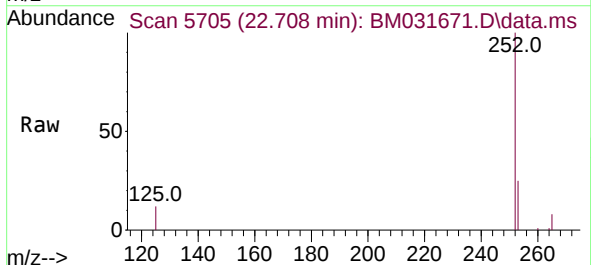
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Benzo(b)fluoranthene
Concen: 4.217 ng/ul m
RT: 22.670 min Scan# 5689
Delta R.T. -0.002 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



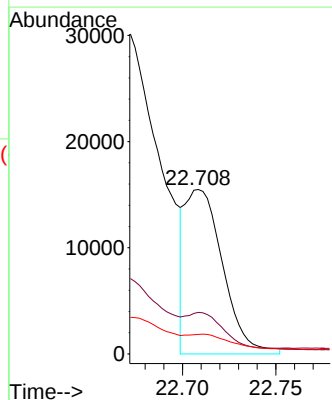
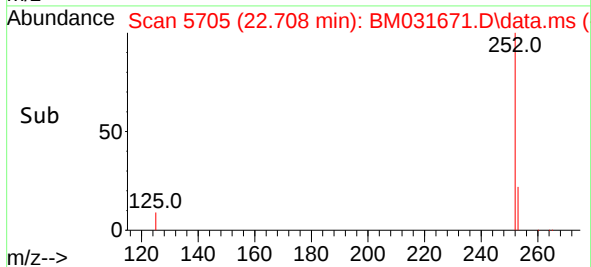
Tgt Ion:252 Resp: 64626
Ion Ratio Lower Upper
252 100
253 23.6 0.0 53.0
125 11.5 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 1.378 ng/ul m
RT: 22.708 min Scan# 5705
Delta R.T. -0.007 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



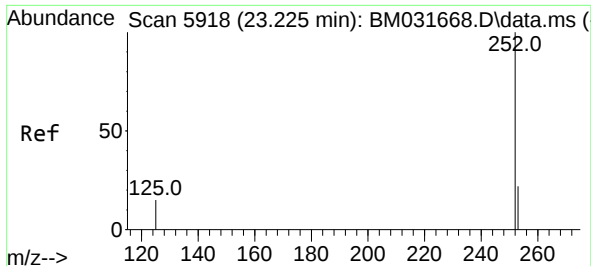
Tgt Ion:252 Resp: 21809
Ion Ratio Lower Upper
252 100
253 25.3 21.3 31.9
125 11.9 8.8 13.2



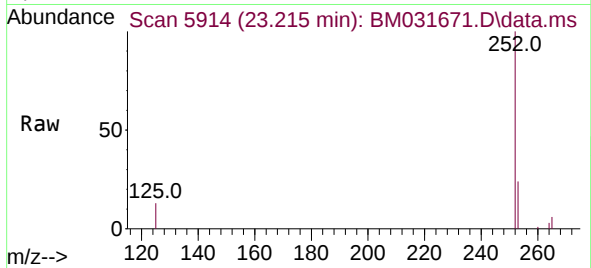
Instrument :
BNA_M
ClientSampled :
C00B8

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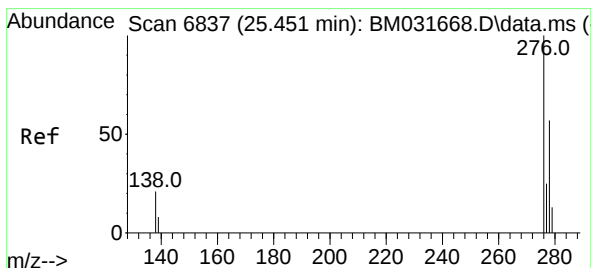
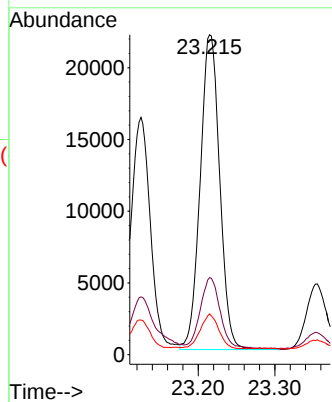
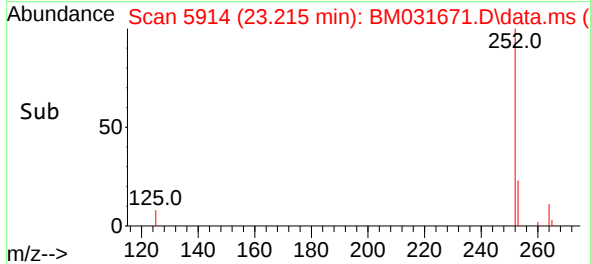
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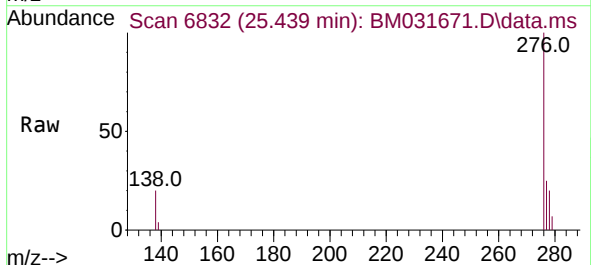
#26
Benzo(a)pyrene
Concen: 2.895 ng/ul
RT: 23.215 min Scan# 5914
Delta R.T. -0.010 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



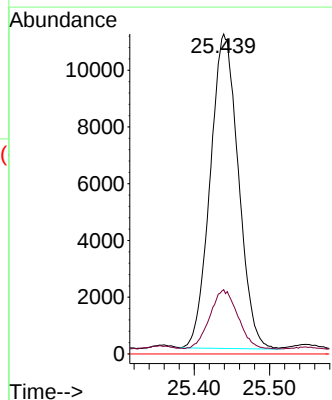
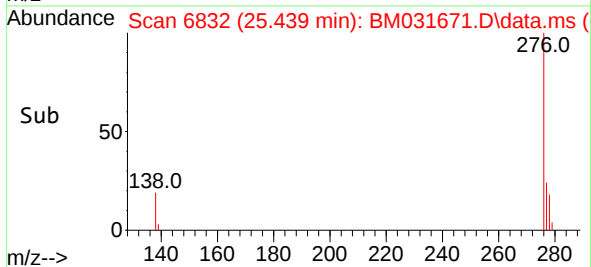
Tgt Ion:252 Resp: 38846
Ion Ratio Lower Upper
252 100
253 24.1 22.4 33.6
125 12.7 13.0 19.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.663 ng/ul
RT: 25.439 min Scan# 6832
Delta R.T. -0.012 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



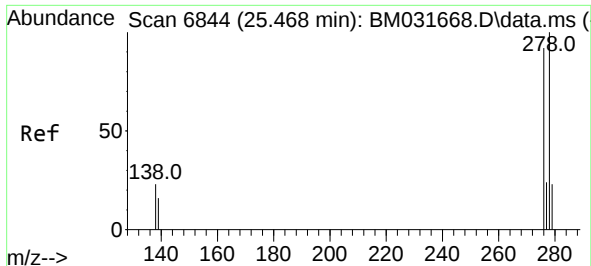
Tgt Ion:276 Resp: 28852
Ion Ratio Lower Upper
276 100
138 19.0 15.8 23.8
227 0.0 0.0 0.0



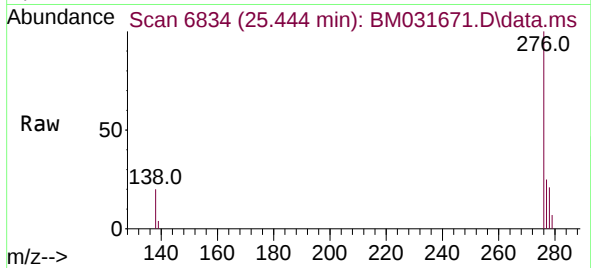
Instrument :
BNA_M
ClientSampleId :
C00B8

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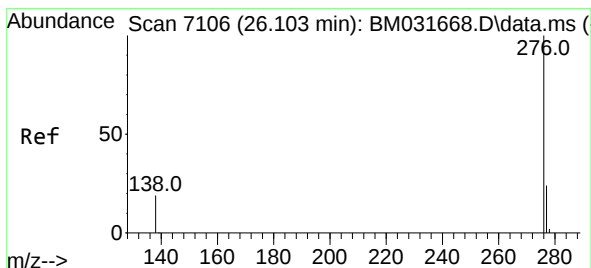
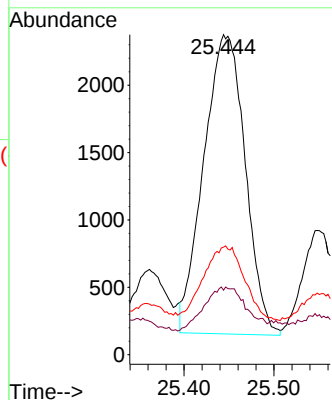
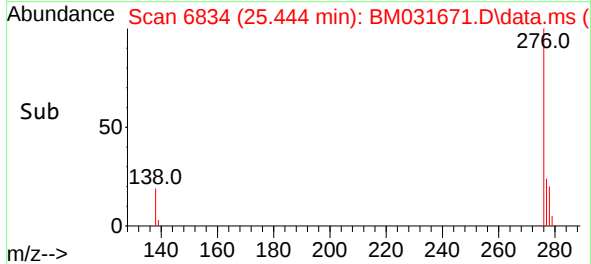
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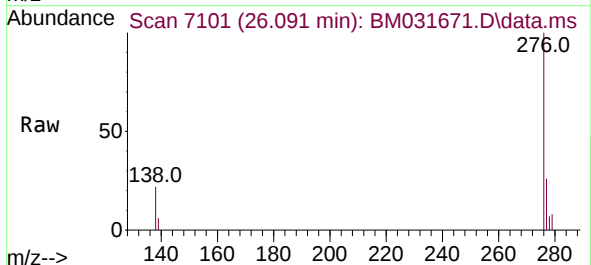
#28
Dibenzo(a,h)anthracene
Concen: 0.509 ng/ul
RT: 25.444 min Scan# 6834
Delta R.T. -0.024 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



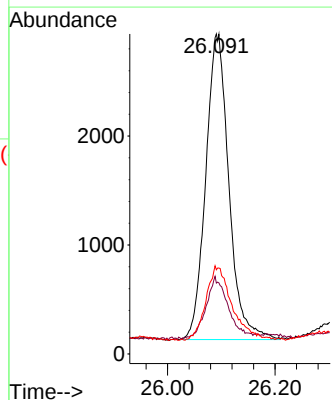
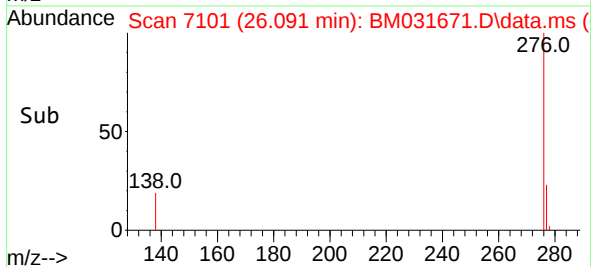
Tgt Ion: 278 Resp: 7116
Ion Ratio Lower Upper
278 100
139 20.2 13.3 19.9#
279 33.6 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.568 ng/ul
RT: 26.091 min Scan# 7101
Delta R.T. -0.012 min
Lab File: BM031671.D
Acq: 12 Aug 2021 11:16



Tgt Ion: 276 Resp: 8399
Ion Ratio Lower Upper
276 100
138 22.1 15.4 23.2
277 26.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00B8

Manual Integrations
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