

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032631.D
 Acq On : 20 Oct 2021 22:36
 Operator : CG/JU
 Sample : M4207-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B03

Manual Integrations
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Quant Time: Oct 21 04:53:34 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM101421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 20 16:33:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6237	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	20716	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	10562	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	18992	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	12585	0.40	ng/ul	0.00
23) Perylene-d12	23.254	264	11268	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	6158	0.88	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.936	152	3092	0.11	ng/ul	0.00
18) Fluoranthene-d10	18.969	212	5168	0.13	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	18686	0.30	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	15293	0.37	ng/ul	100
8) 1-Methylnaphthalene	12.233	142	12974	0.32	ng/ul	99
10) Acenaphthylene	13.928	152	4577	0.10	ng/ul	97
11) Acenaphthene	14.270	153	3320	0.08	ng/ul	98
12) Fluorene	15.256	166	4617	0.10	ng/ul#	97
15) Phenanthrene	16.984	178	110988	1.74	ng/ul	99
16) Anthracene	17.071	178	8847	0.16	ng/ul	98
19) Fluoranthene	18.996	202	114999	1.85	ng/ul	99
20) Pyrene	19.362	202	102133	1.60	ng/ul	98
21) Benzo(a)anthracene	21.101	228	30602	0.62	ng/ul	99
22) Chrysene	21.152	228	51280	0.95	ng/ul	99
24) Benzo(b)fluoranthene	22.622	252	54231m	1.04	ng/ul	
25) Benzo(k)fluoranthene	22.653	252	19516m	0.38	ng/ul	
26) Benzo(a)pyrene	23.157	252	30932	0.71	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.357	276	24922	0.47	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.357	278	5715	0.14	ng/ul#	83
29) Benzo(g,h,i)perylene	26.006	276	22066	0.47	ng/ul	100

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

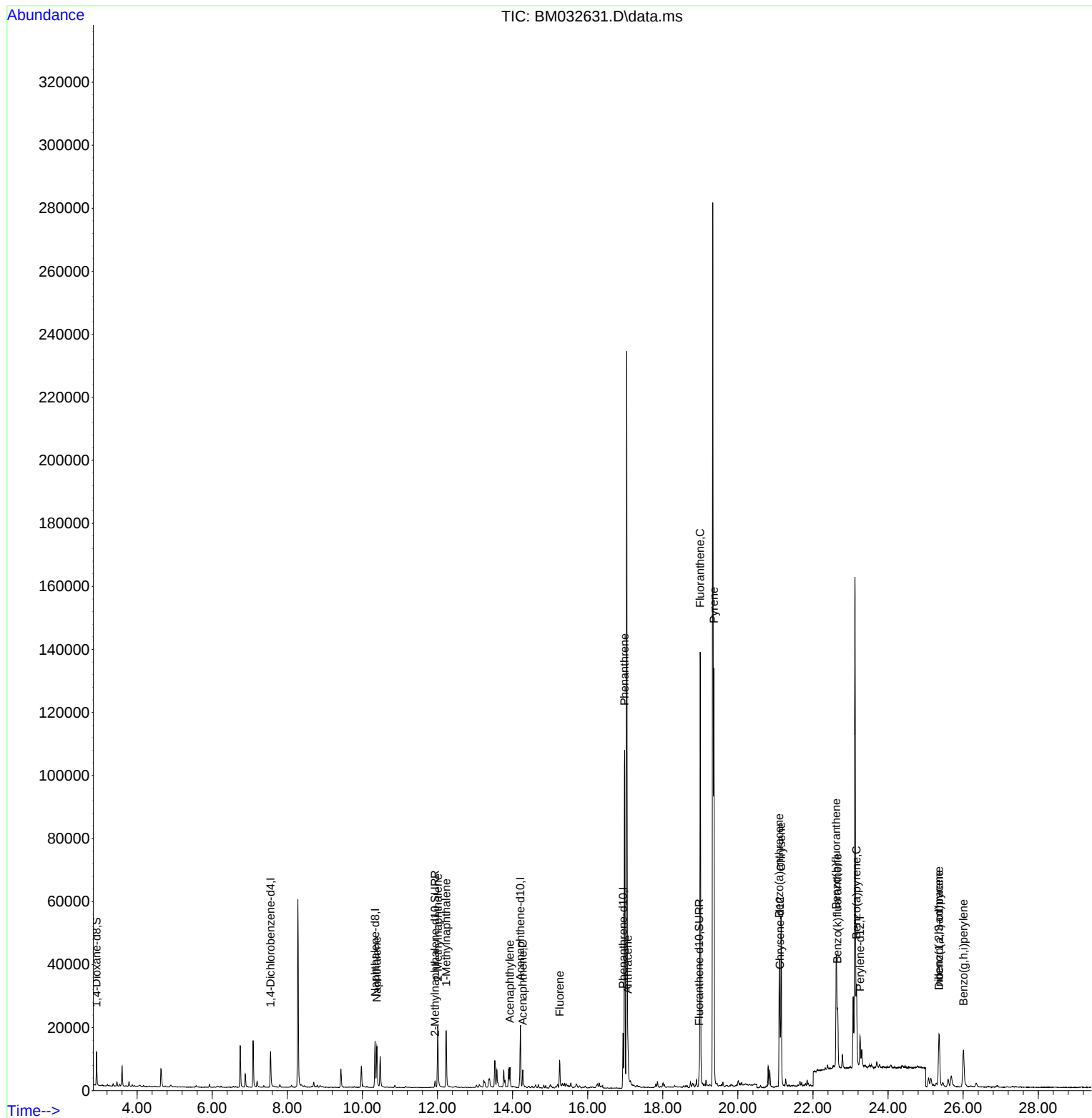
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
Data File : BM032631.D
Acq On : 20 Oct 2021 22:36
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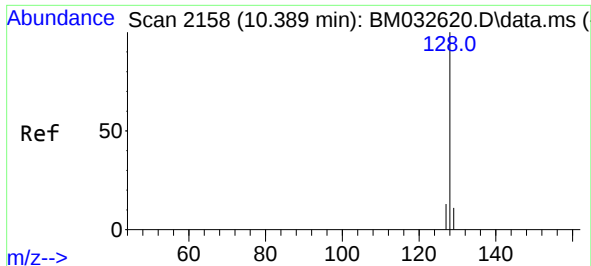
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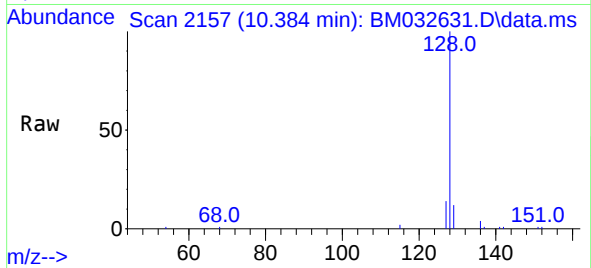
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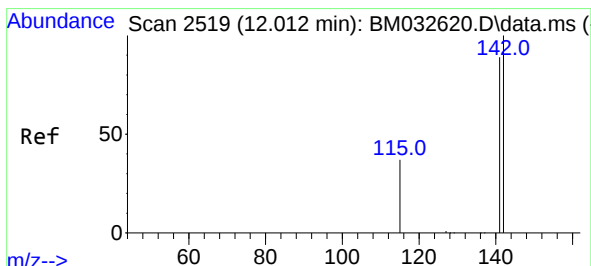
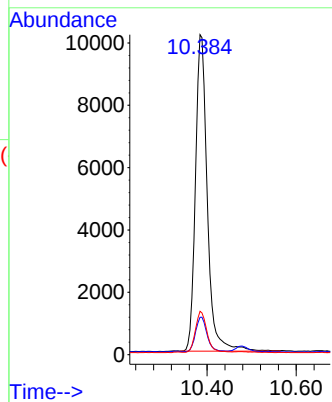
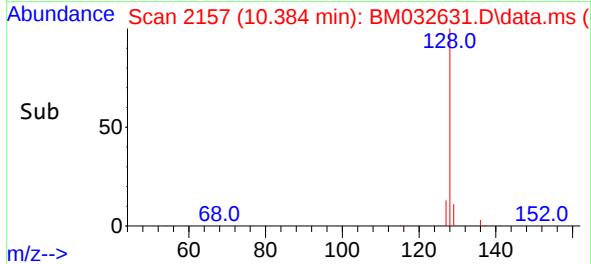




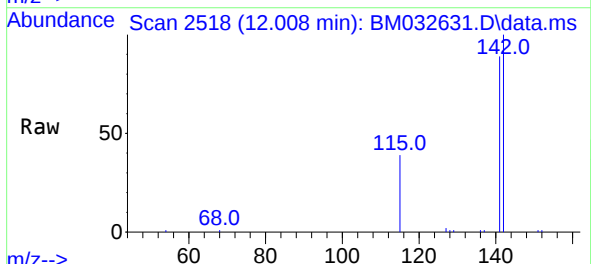
#5
Naphthalene
Concen: 0.30 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



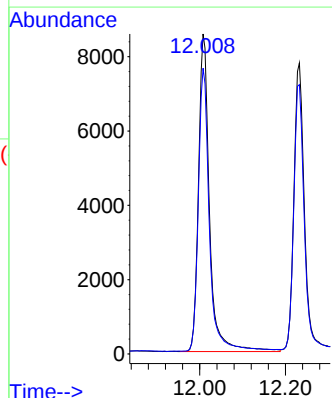
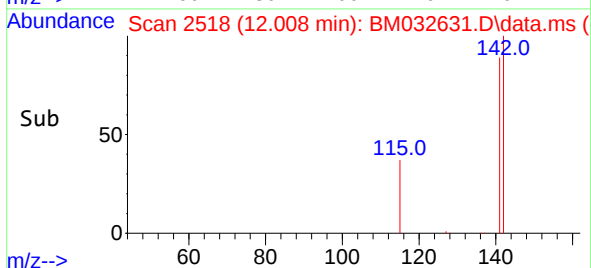
Tgt Ion:128 Resp: 18686
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.5 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.37 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



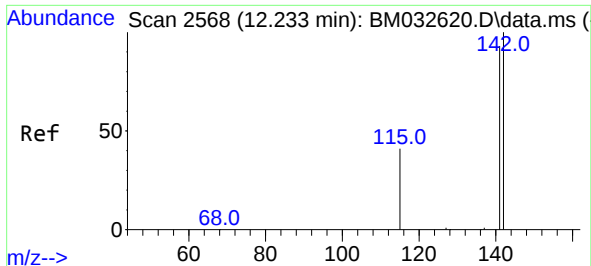
Tgt Ion:142 Resp: 15293
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2



Instrument :
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ClientSampleId :
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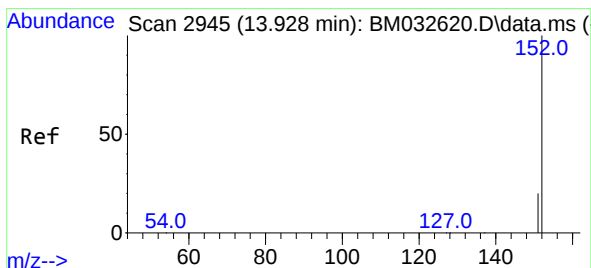
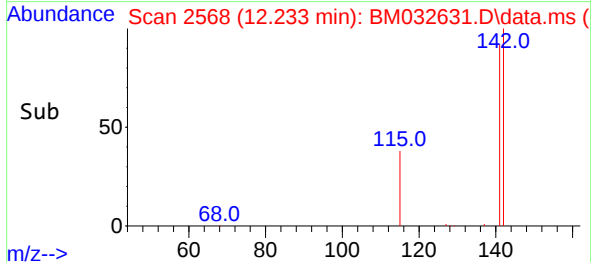
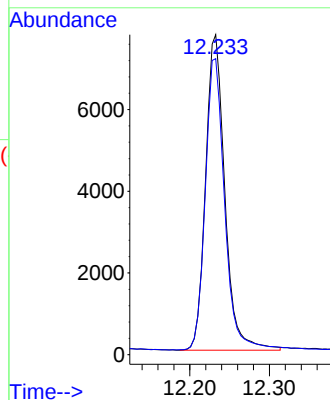
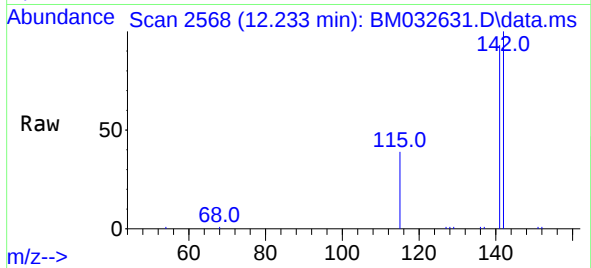
#8
1-Methylnaphthalene
Concen: 0.32 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.000 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

Tgt Ion:142 Resp: 12974
Ion Ratio Lower Upper
142 100
141 93.1 74.9 112.3

Instrument :
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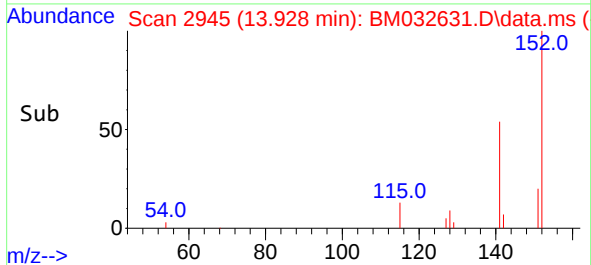
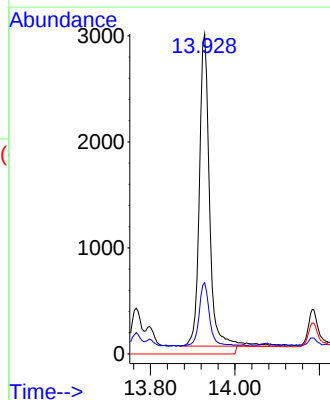
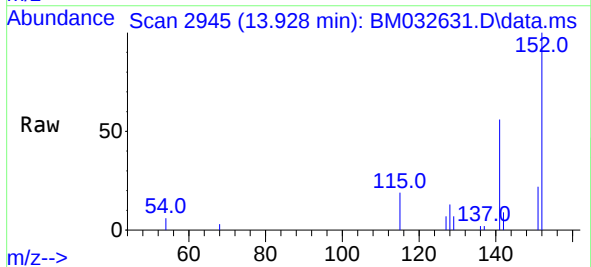
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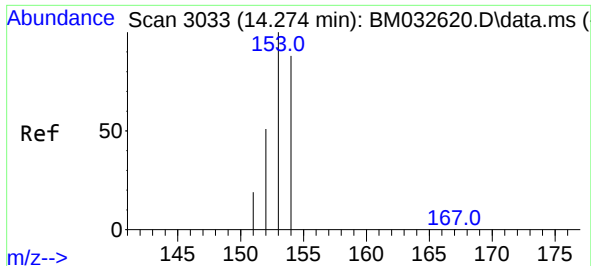
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#10
Acenaphthylene
Concen: 0.10 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.000 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

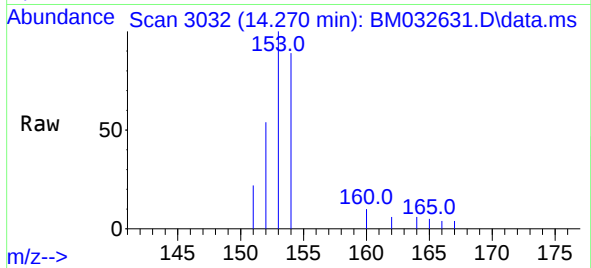
Tgt Ion:152 Resp: 4577
Ion Ratio Lower Upper
152 100
151 22.2 16.7 25.1
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.08 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

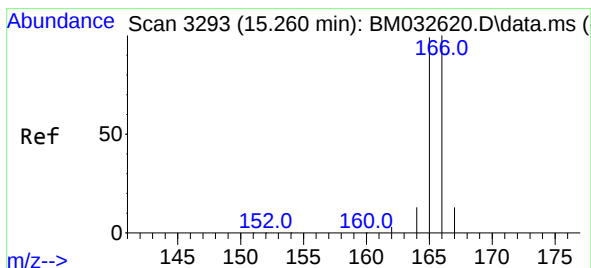
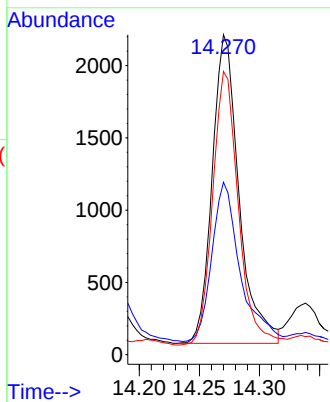
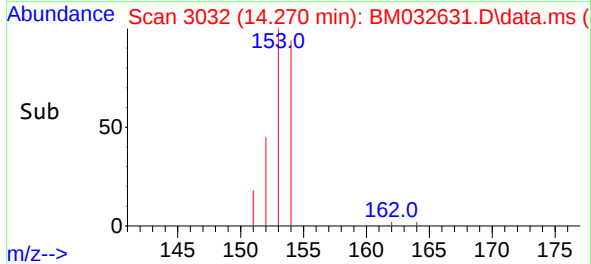
Instrument :
BNA_M
ClientSampleId :
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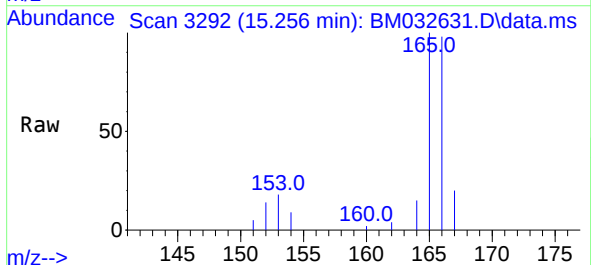
Tgt Ion:153 Resp: 3320
Ion Ratio Lower Upper
153 100
152 53.9 40.4 60.6
154 88.5 70.8 106.2

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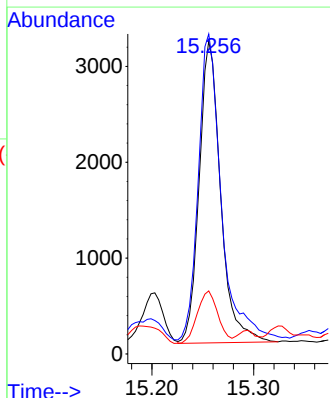
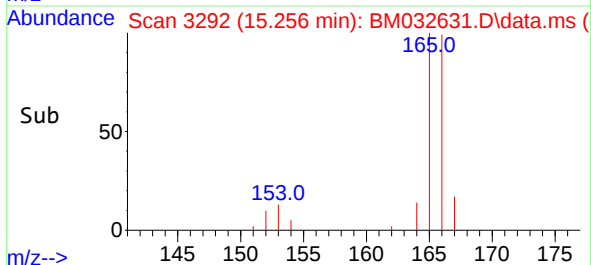
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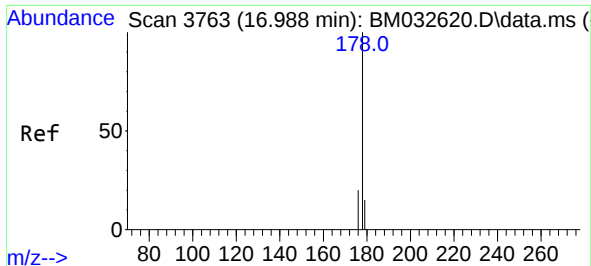


#12
Fluorene
Concen: 0.10 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

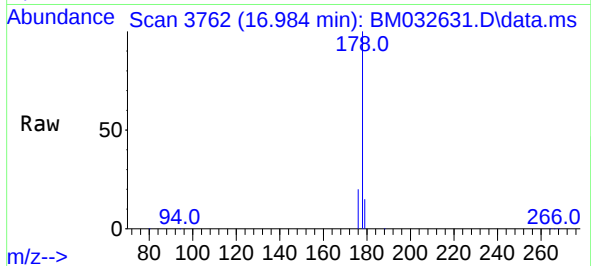


Tgt Ion:166 Resp: 4617
Ion Ratio Lower Upper
166 100
165 102.3 80.7 121.1
167 20.2 11.2 16.8#

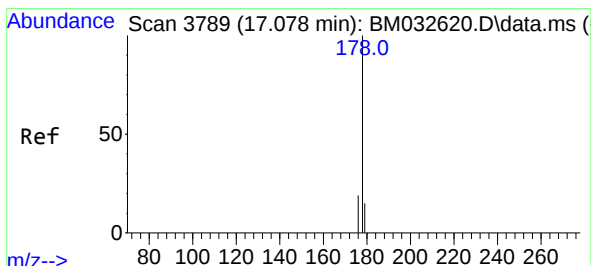
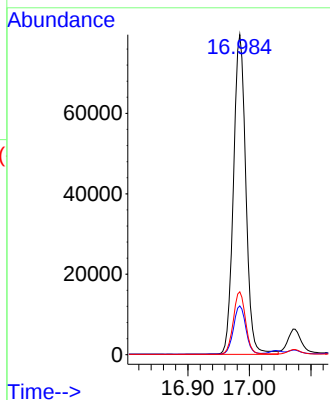
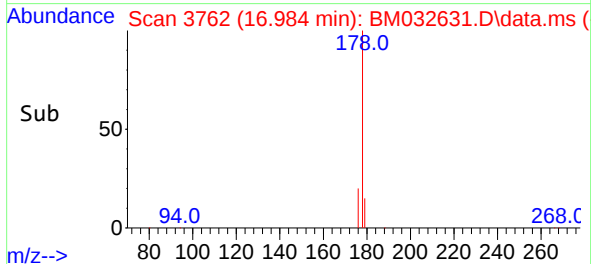




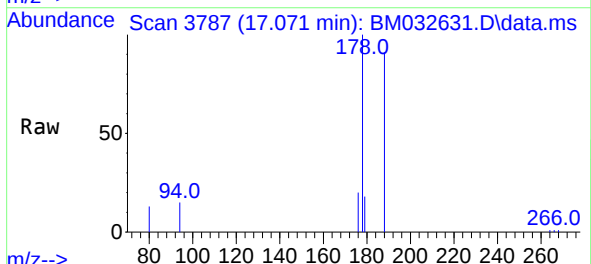
#15
Phenanthrene
Concen: 1.74 ng/ul
RT: 16.984 min Scan# 3762
Delta R.T. -0.004 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



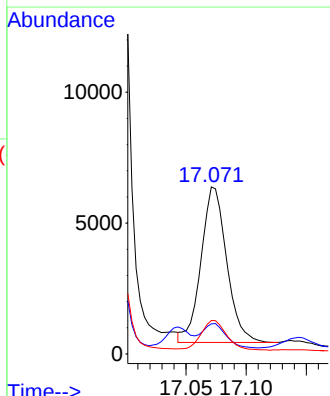
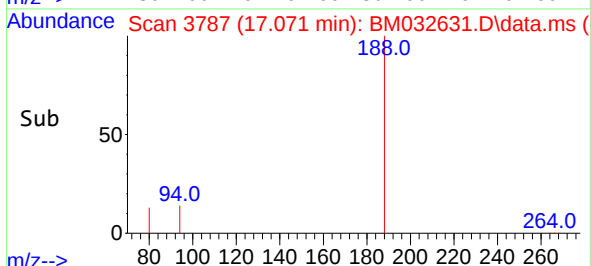
Tgt Ion:178 Resp: 110988
Ion Ratio Lower Upper
178 100
179 15.2 12.9 19.3
176 19.7 16.1 24.1



#16
Anthracene
Concen: 0.16 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



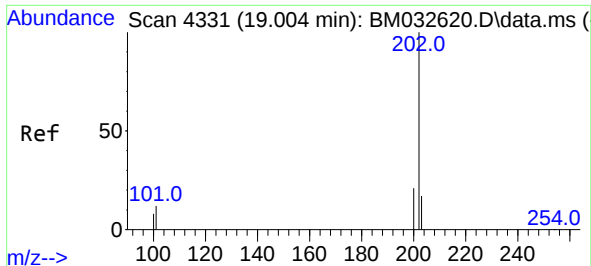
Tgt Ion:178 Resp: 8847
Ion Ratio Lower Upper
178 100
179 18.0 12.9 19.3
176 20.0 15.8 23.6



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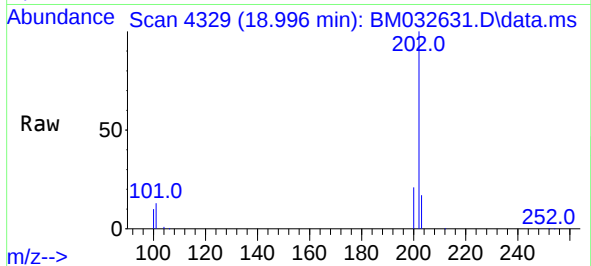
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#19
Fluoranthene
Concen: 1.85 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

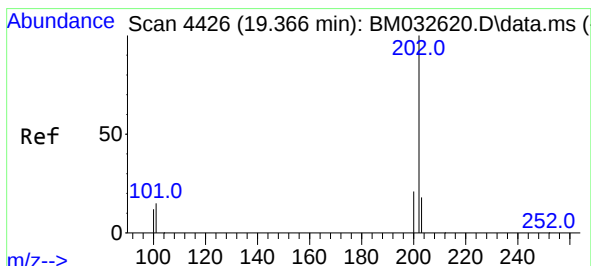
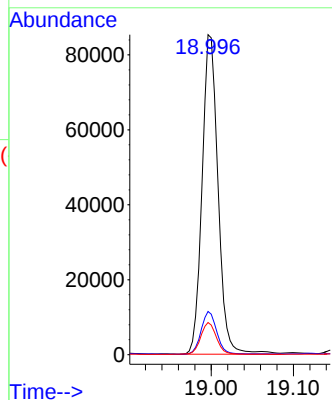
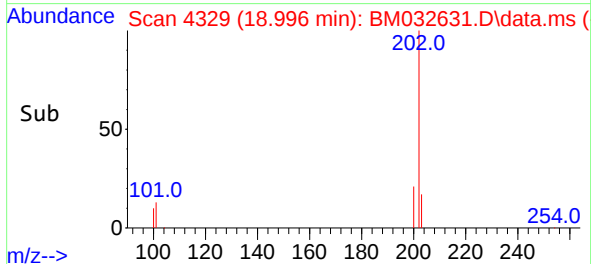
Instrument :
BNA_M
ClientSampled :
C0B03



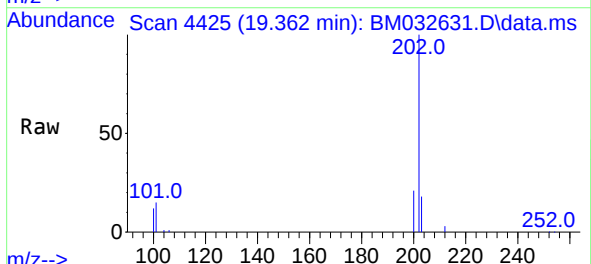
Tgt Ion:202 Resp: 114999
Ion Ratio Lower Upper
202 100
101 13.5 10.6 16.0
100 10.0 7.8 11.8

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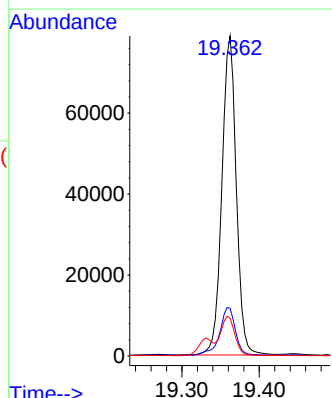
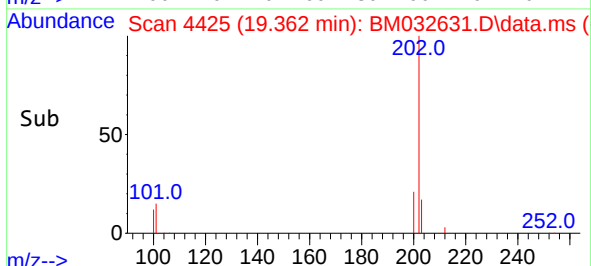
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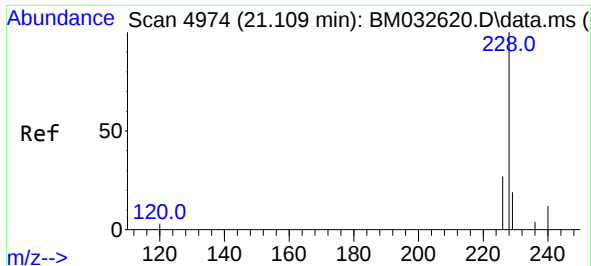


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Pyrene
Concen: 1.60 ng/ul
RT: 19.362 min Scan# 4425
Delta R.T. -0.004 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



Tgt Ion:202 Resp: 102133
Ion Ratio Lower Upper
202 100
101 14.9 12.3 18.5
100 11.8 10.1 15.1





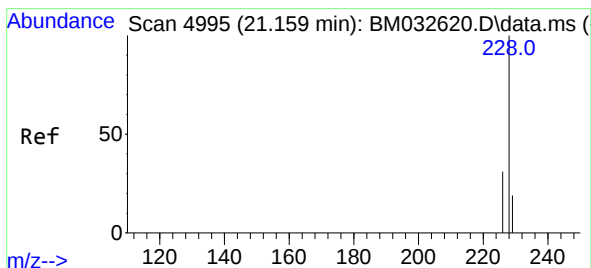
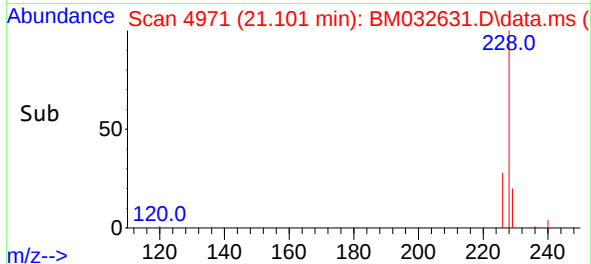
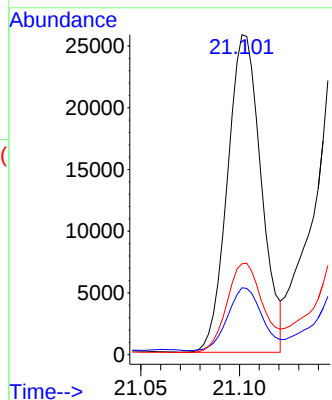
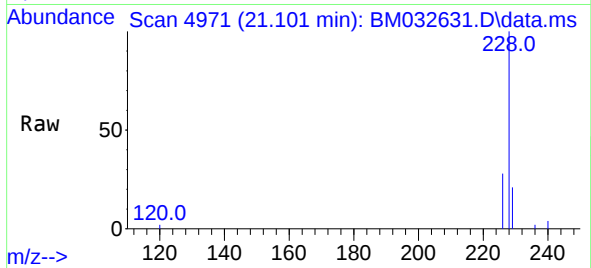
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Benzo(a)anthracene
Concen: 0.62 ng/ul
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032631.D
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Tgt Ion:	228	Resp:	30602
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.9	23.9
226	28.4	22.4	33.6

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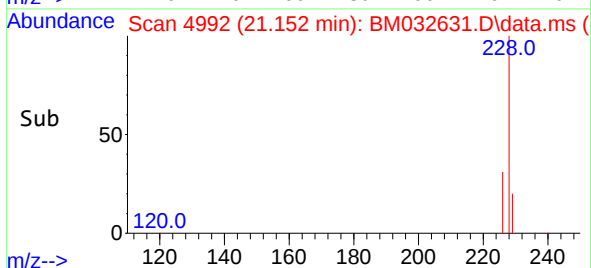
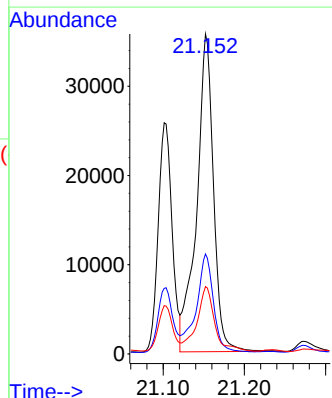
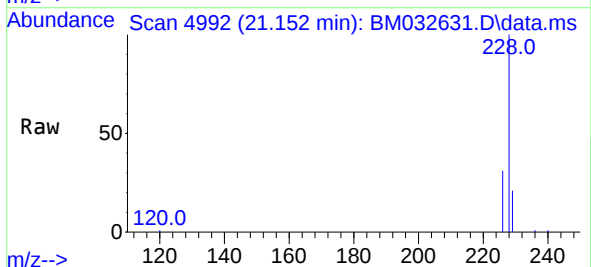
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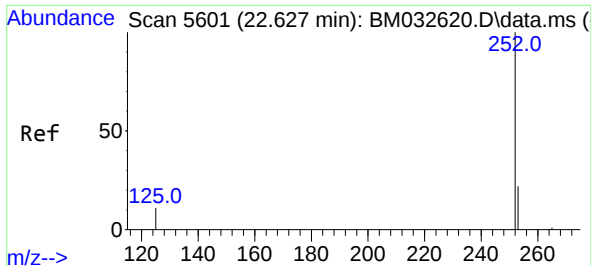
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#22
Chrysene
Concen: 0.95 ng/ul
RT: 21.152 min Scan# 4992
Delta R.T. -0.007 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

Tgt Ion:	228	Resp:	51280
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.1	37.7
229	21.0	15.7	23.5





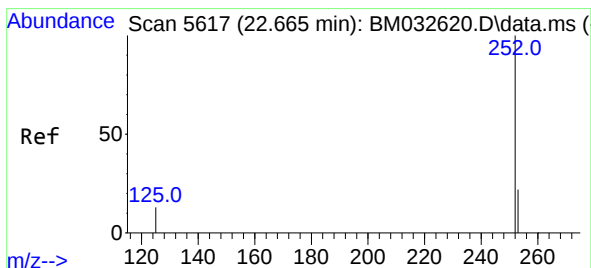
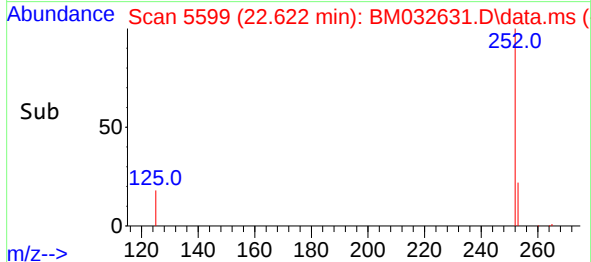
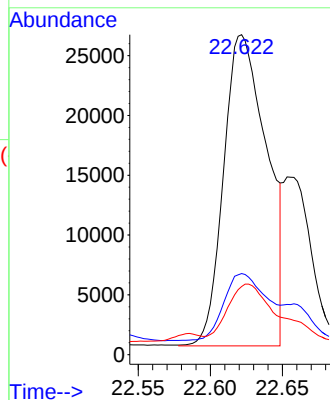
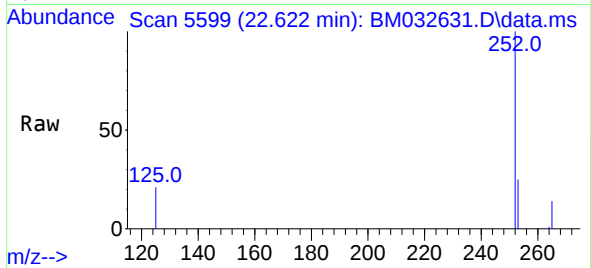
#24
Benzo(b)fluoranthene
Concen: 1.04 ng/ul m
RT: 22.622 min Scan# 5599
Delta R.T. -0.005 min
Lab File: BM032631.D
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Tgt Ion:252	Resp:	54231
Ion Ratio	Lower	Upper
252	100	
253	25.4	0.0 53.8
125	21.3	0.0 35.6

Instrument :
BNA_M
ClientSampled :
C0B03

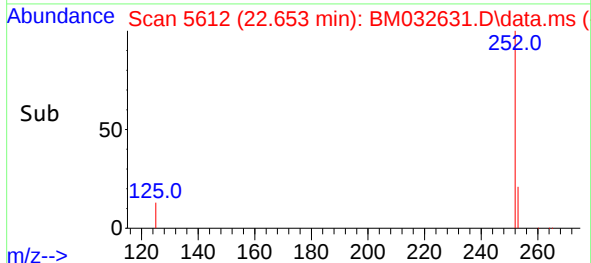
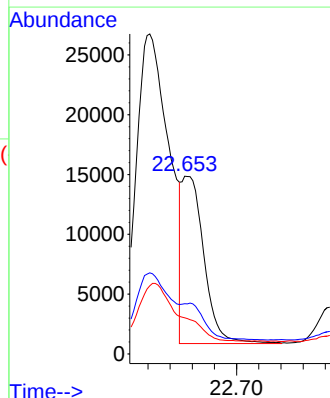
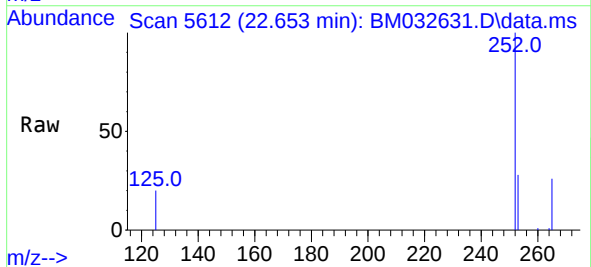
Manual Integrations
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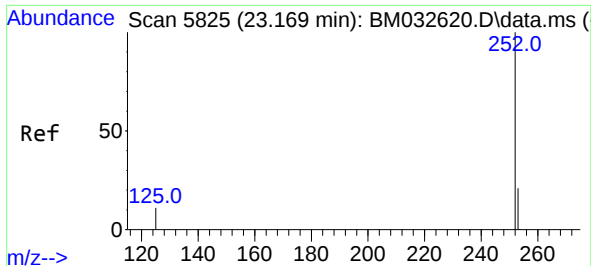
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#25
Benzo(k)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.653 min Scan# 5612
Delta R.T. -0.012 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

Tgt Ion:252	Resp:	19516
Ion Ratio	Lower	Upper
252	100	
253	28.3	21.8 32.6
125	20.3	14.4 21.6





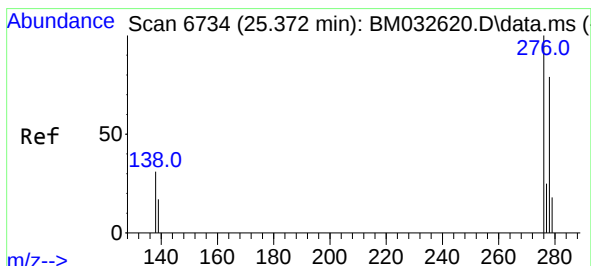
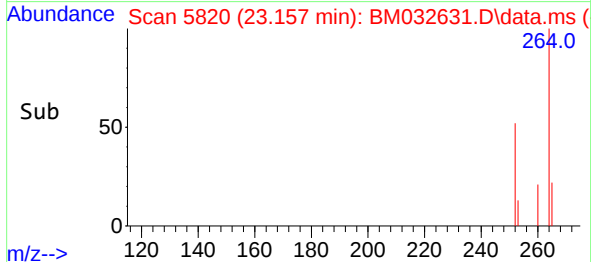
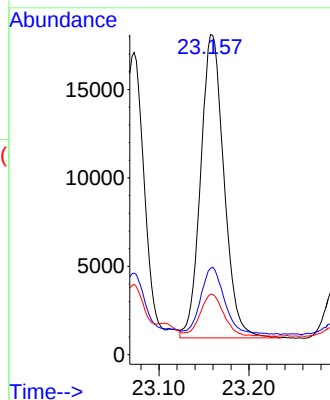
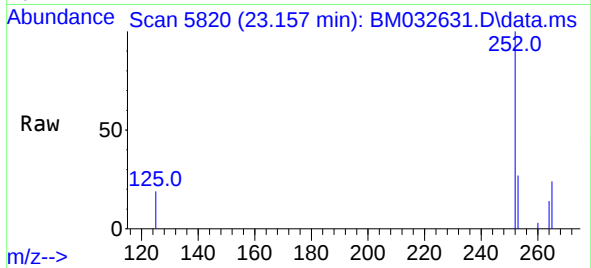
#26
Benzo(a)pyrene
Concen: 0.71 ng/u1
RT: 23.157 min Scan# 5820
Delta R.T. -0.012 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

Tgt Ion:	252	Resp:	30932
Ion Ratio	Lower	Upper	
252	100		
253	26.9	23.6	35.4
125	18.9	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C0B03

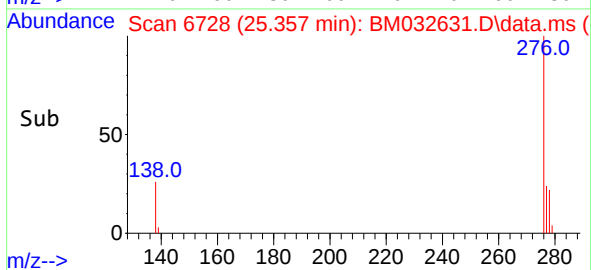
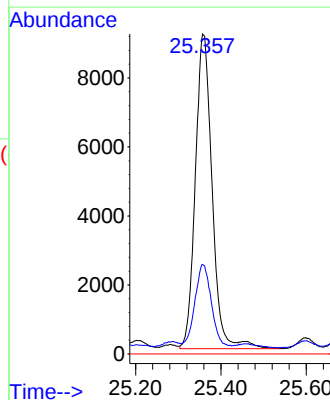
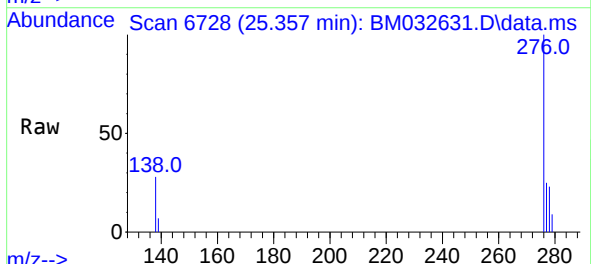
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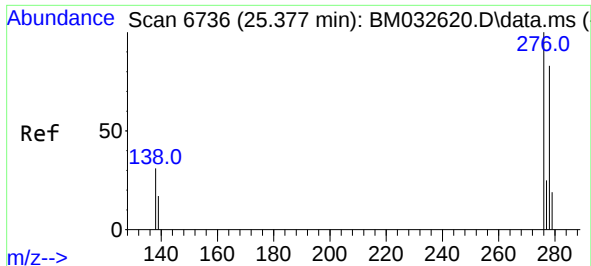
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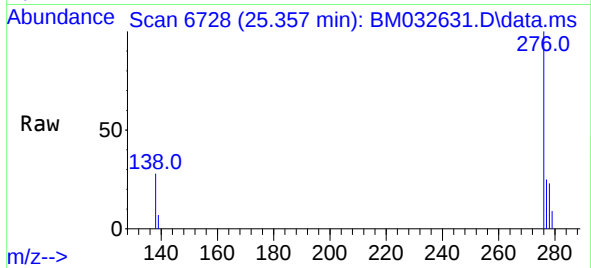
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng/u1
RT: 25.357 min Scan# 6728
Delta R.T. -0.015 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36

Tgt Ion:	276	Resp:	24922
Ion Ratio	Lower	Upper	
276	100		
138	26.0	24.9	37.3
227	0.0	0.0	0.0

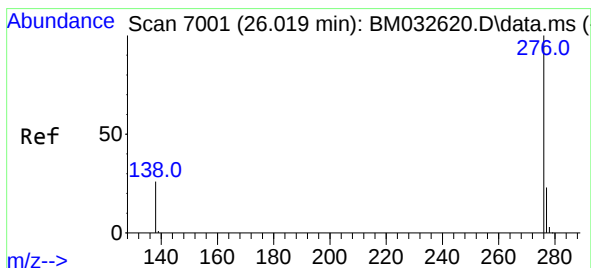
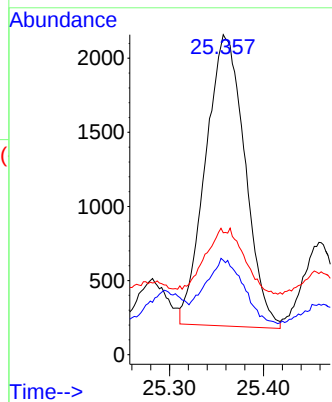
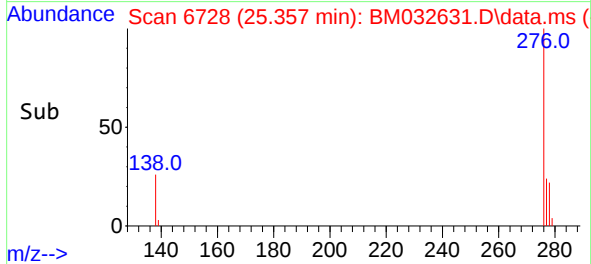




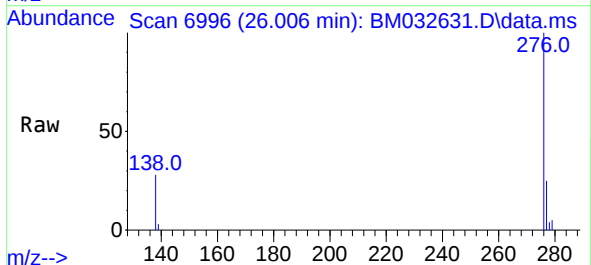
#28
Dibenzo(a,h)anthracene
Concen: 0.14 ng/ul
RT: 25.357 min Scan# 6728
Delta R.T. -0.019 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



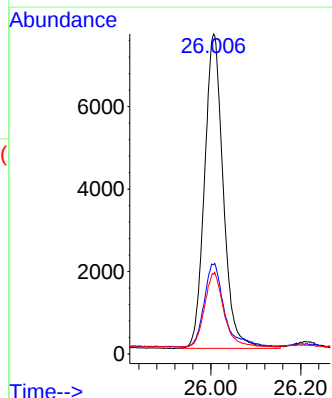
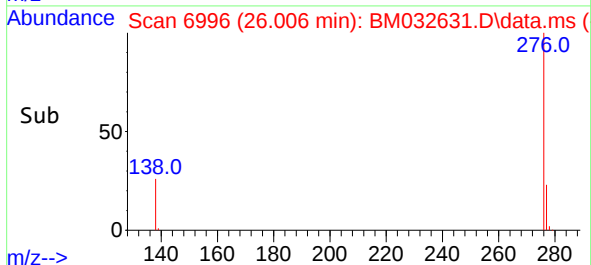
Tgt Ion: 278 Resp: 5715
Ion Ratio Lower Upper
278 100
139 29.5 18.6 28.0#
279 38.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.47 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.012 min
Lab File: BM032631.D
Acq: 20 Oct 2021 22:36



Tgt Ion: 276 Resp: 22066
Ion Ratio Lower Upper
276 100
138 27.9 22.6 33.8
277 24.9 19.9 29.9



Instrument :
BNA_M
ClientSampleId :
C0B03

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