

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032661.D
 Acq On : 21 Oct 2021 17:50
 Operator : CG/JU
 Sample : M4207-06DL 2X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC3DL

Manual Integrations
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Quant Time: Oct 21 18:20:14 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	7.550	152	6637	0.40	ng/ul	0.00
4) Naphthalene-d8	10.335	136	22750	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.206	164	12794	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	25922	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	16681	0.40	ng/ul	0.00
23) Perylene-d12	23.254	264	15503	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	4667	0.63	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	2215	0.07	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	3610	0.07	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	48062	0.70	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	40714	0.90	ng/ul	100
8) 1-Methylnaphthalene	12.228	142	32344	0.73	ng/ul	100
10) Acenaphthylene	13.924	152	3287	0.06	ng/ul#	88
11) Acenaphthene	14.266	153	1090	0.02	ng/ul#	90
12) Fluorene	15.252	166	1495	0.03	ng/ul#	53
15) Phenanthrene	16.981	178	40914	0.47	ng/ul	99
16) Anthracene	17.071	178	3546	0.05	ng/ul#	90
19) Fluoranthene	18.996	202	33151	0.40	ng/ul	100
20) Pyrene	19.358	202	33774	0.40	ng/ul	99
21) Benzo(a)anthracene	21.101	228	15188	0.23	ng/ul	95
22) Chrysene	21.152	228	21974	0.31	ng/ul	97
24) Benzo(b)fluoranthene	22.619	252	25810m	0.36	ng/ul	
25) Benzo(k)fluoranthene	22.656	252	9299m	0.13	ng/ul	
26) Benzo(a)pyrene	23.160	252	14283	0.24	ng/ul	92
27) Indeno(1,2,3-cd)pyrene	25.355	276	11440	0.16	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.355	278	2998	0.05	ng/ul#	53
29) Benzo(g,h,i)perylene	26.004	276	10904	0.17	ng/ul	96

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

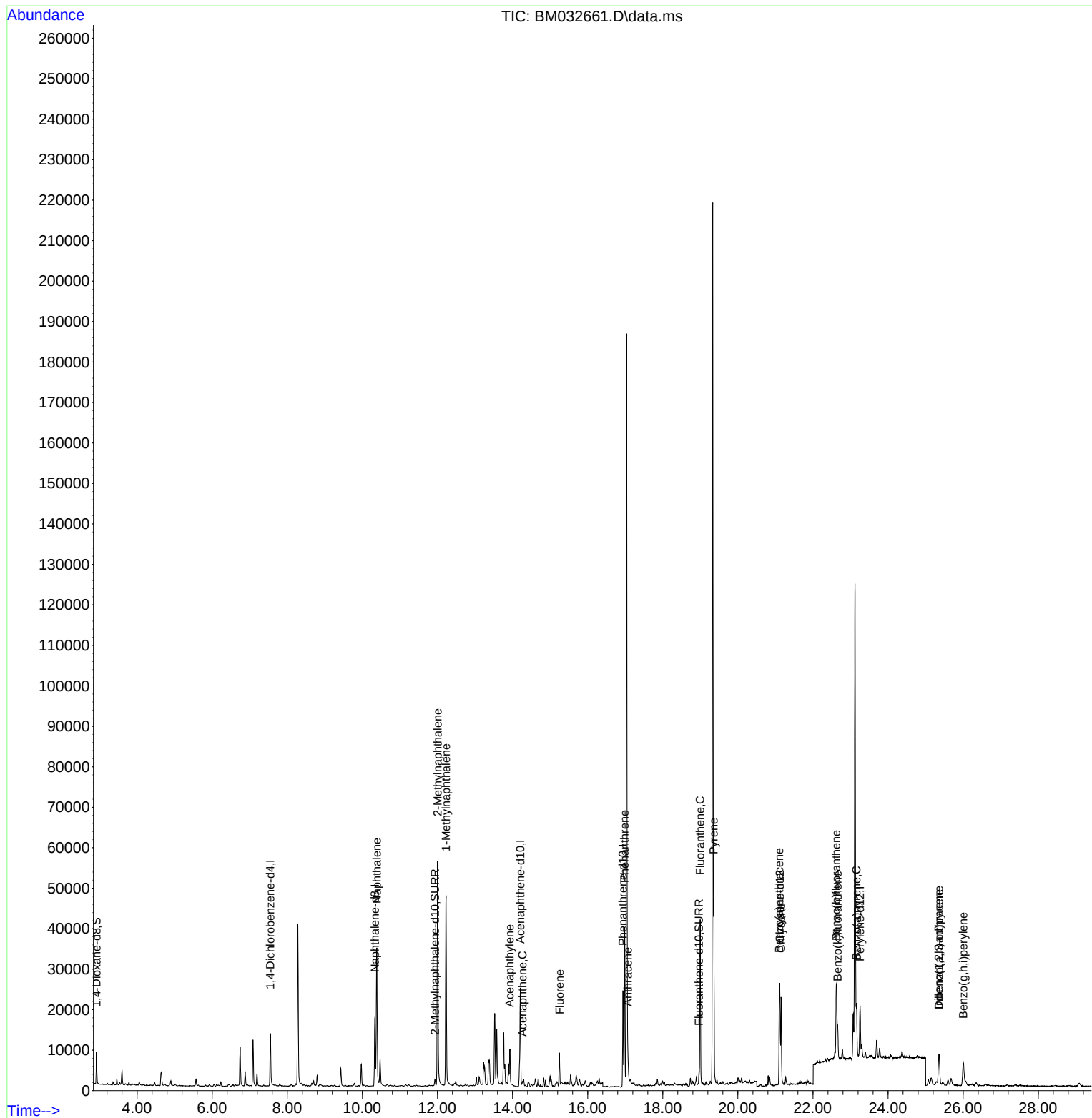
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Data File : BM032661.D
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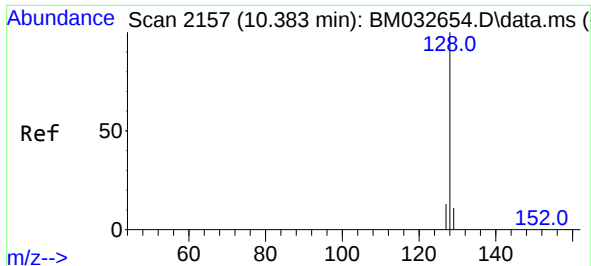
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Quant Time: Oct 21 18:20:14 2021
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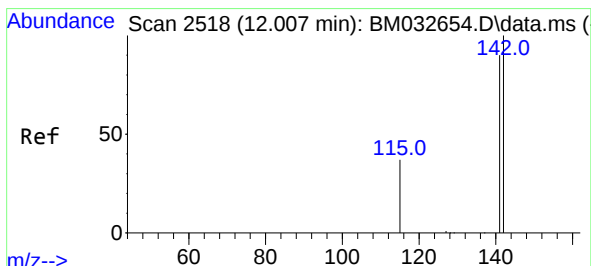
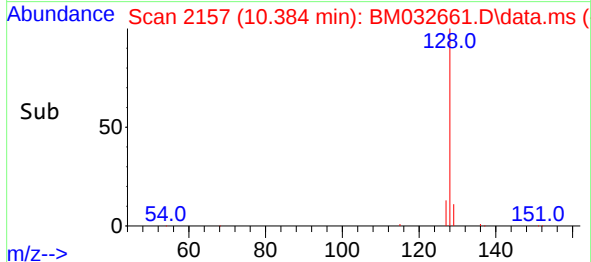
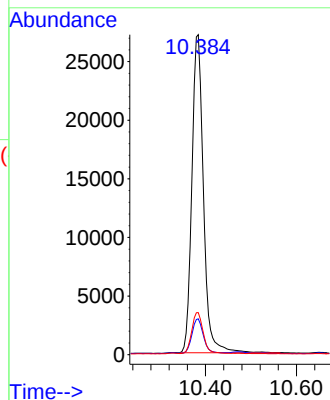
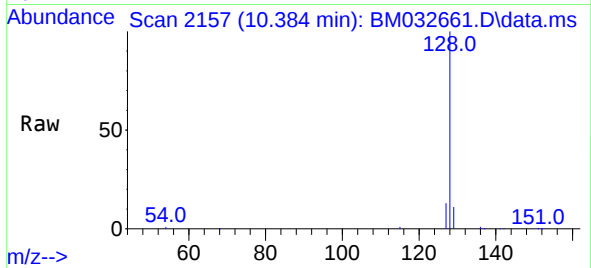
#5
Naphthalene
Concen: 0.70 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:128 Resp: 48062
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.2 11.1 16.7

Instrument :
BNA_M
ClientSampleId :
C0AC3DL

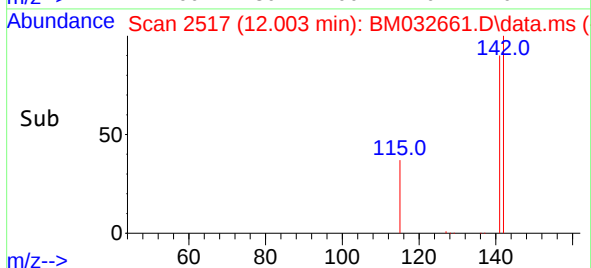
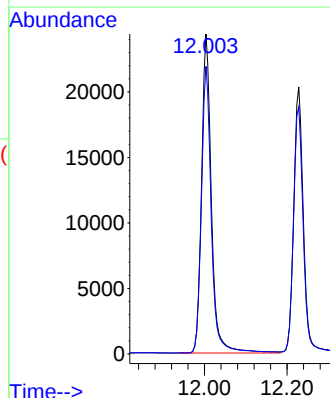
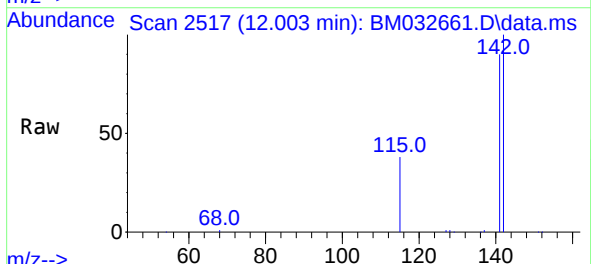
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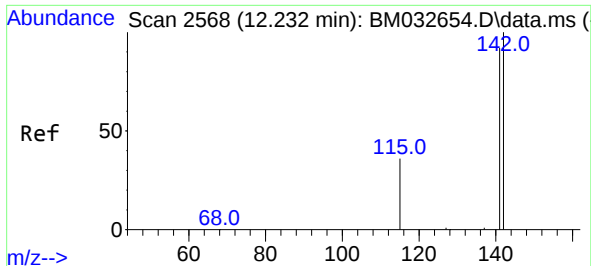
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#7
2-Methylnaphthalene
Concen: 0.90 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.009 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:142 Resp: 40714
Ion Ratio Lower Upper
142 100
141 89.8 72.2 108.2





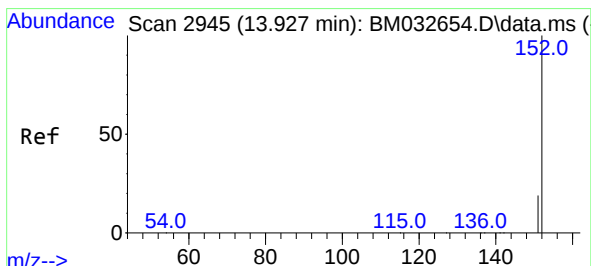
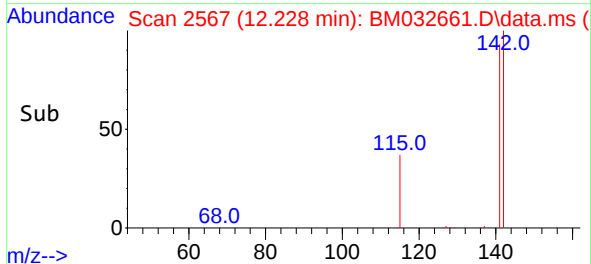
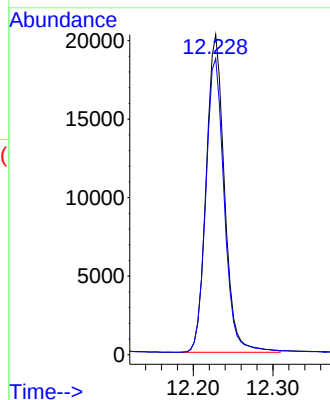
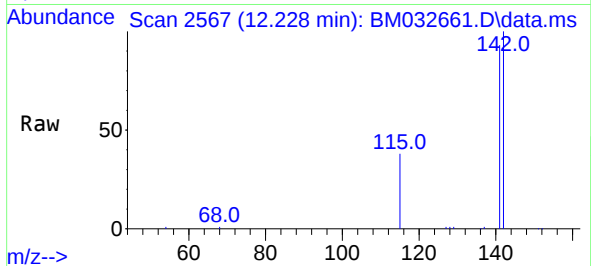
#8
1-Methylnaphthalene
Concen: 0.73 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:142 Resp: 32344
Ion Ratio Lower Upper
142 100
141 93.2 74.9 112.3

Instrument :
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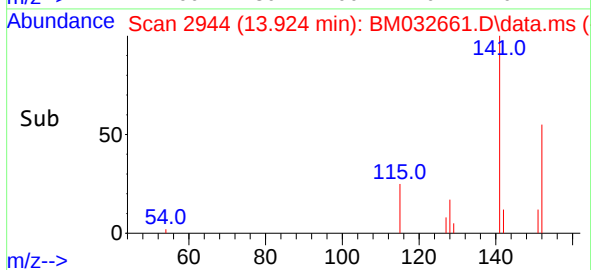
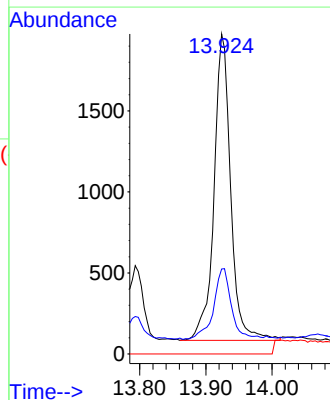
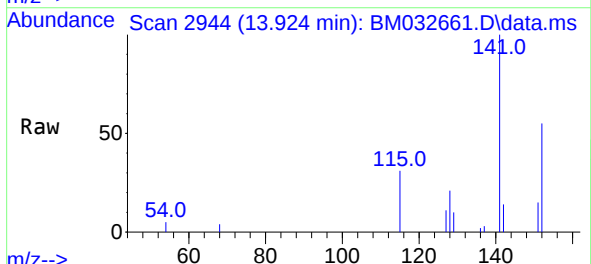
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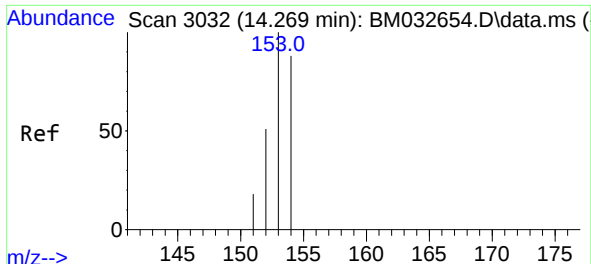
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#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.005 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

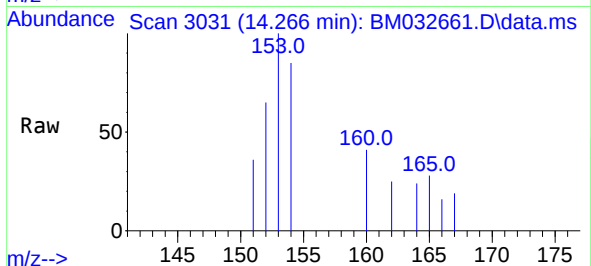
Tgt Ion:152 Resp: 3287
Ion Ratio Lower Upper
152 100
151 26.6 16.7 25.1#
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.266 min Scan# 3031
Delta R.T. -0.008 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

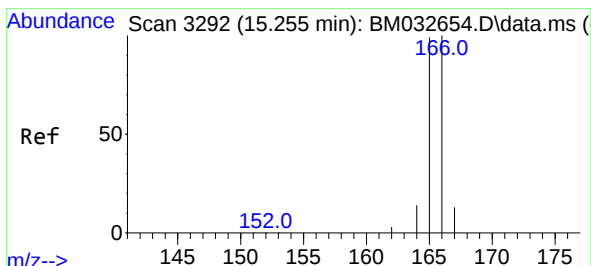
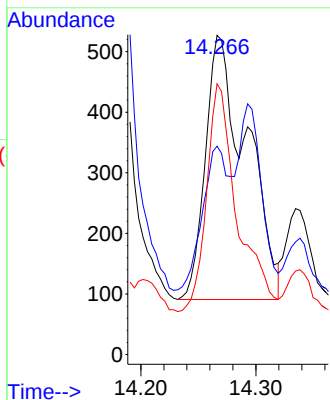
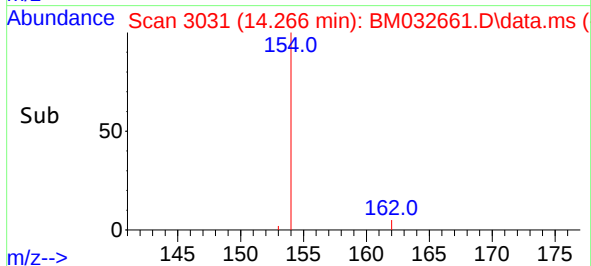
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ClientSampled :
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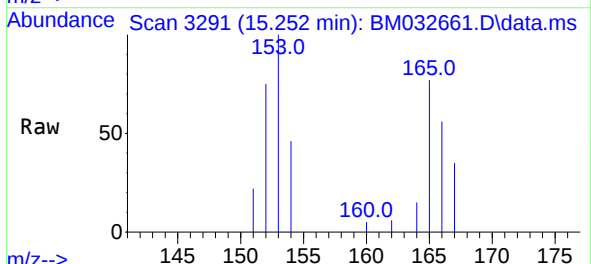
Tgt Ion:153 Resp: 1090
Ion Ratio Lower Upper
153 100
152 65.3 40.4 60.6#
154 84.8 70.8 106.2

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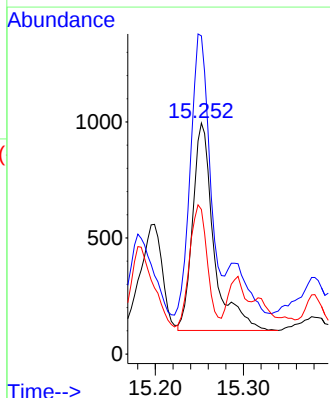
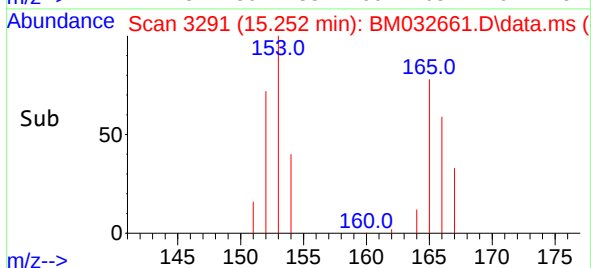
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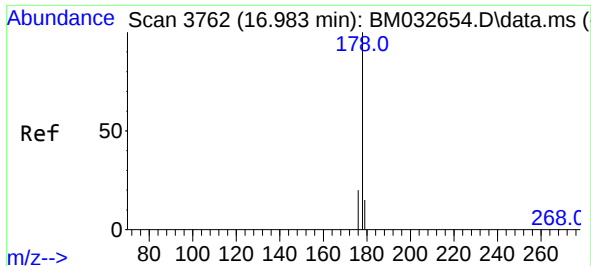


#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.252 min Scan# 3291
Delta R.T. -0.008 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50



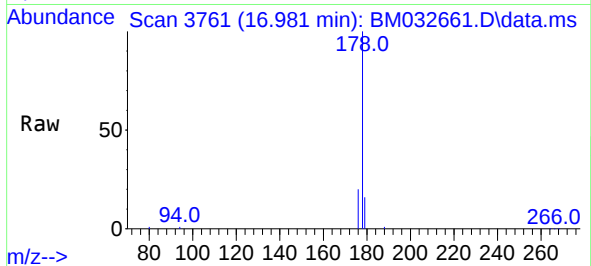
Tgt Ion:166 Resp: 1495
Ion Ratio Lower Upper
166 100
165 137.8 80.7 121.1#
167 62.6 11.2 16.8#





#15
Phenanthrene
Concen: 0.47 ng/ul
RT: 16.981 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

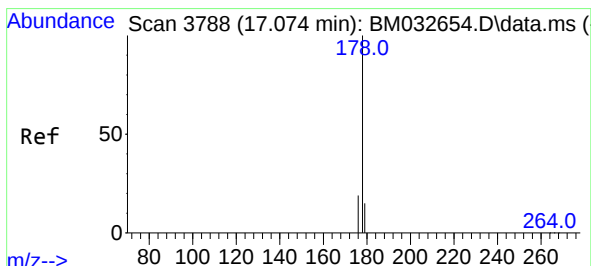
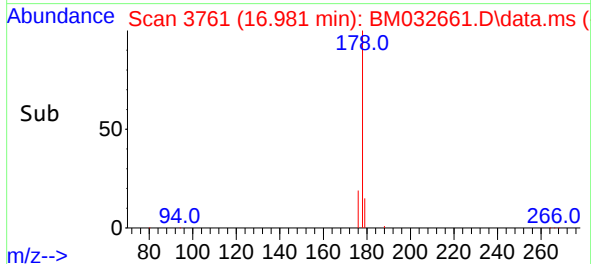
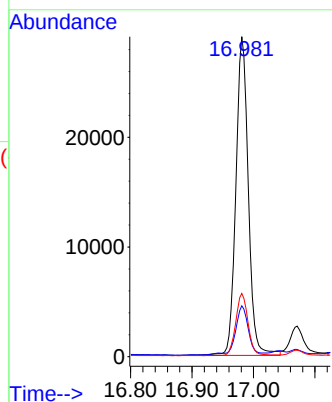
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:178 Resp: 40914
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.8 16.1 24.1

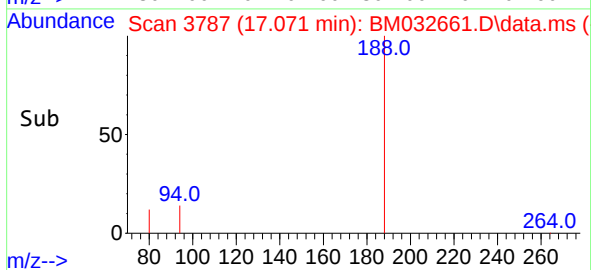
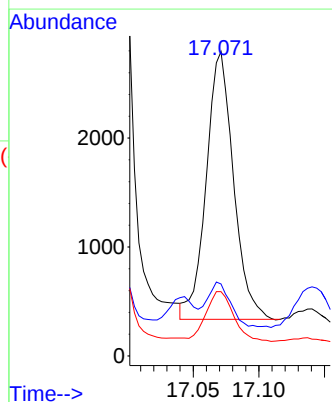
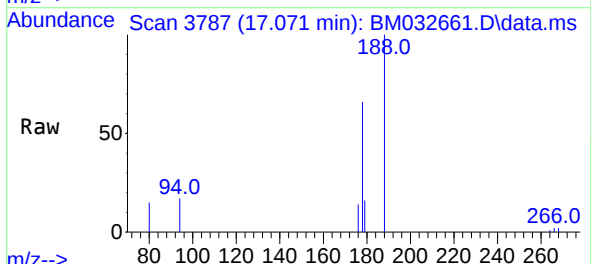
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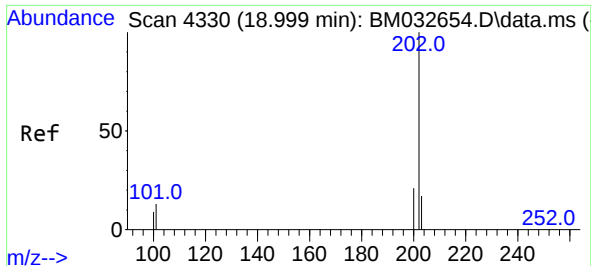
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#16
Anthracene
Concen: 0.05 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:178 Resp: 3546
Ion Ratio Lower Upper
178 100
179 23.7 12.9 19.3#
176 21.1 15.8 23.6





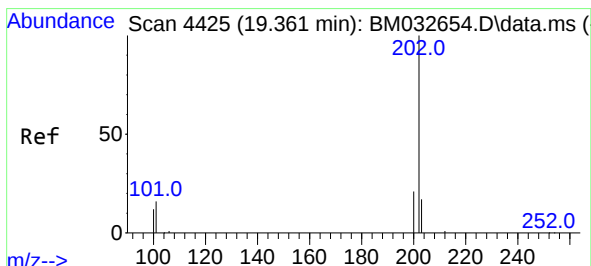
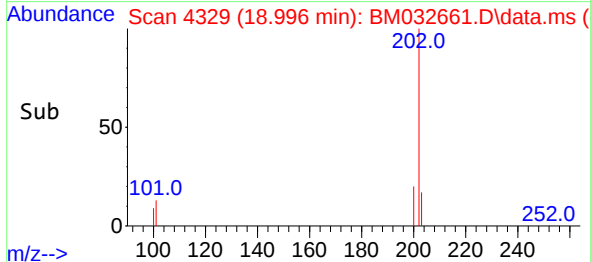
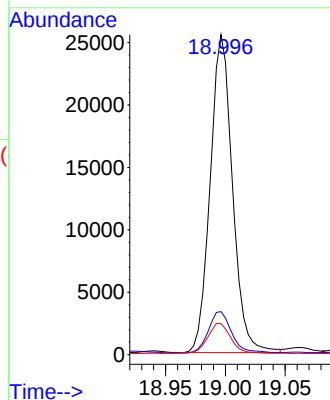
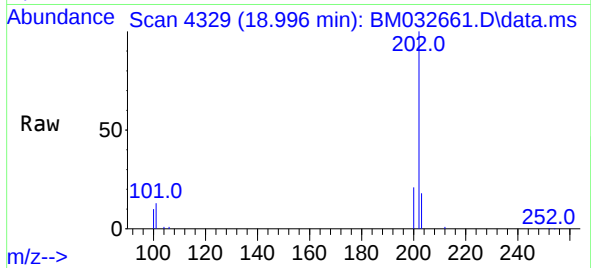
#19
Fluoranthene
Concen: 0.40 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:	202	Resp:	33151
Ion Ratio	Lower	Upper	
202	100		
101	13.5	10.6	16.0
100	9.7	7.8	11.8

Instrument :
BNA_M
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C0AC3DL

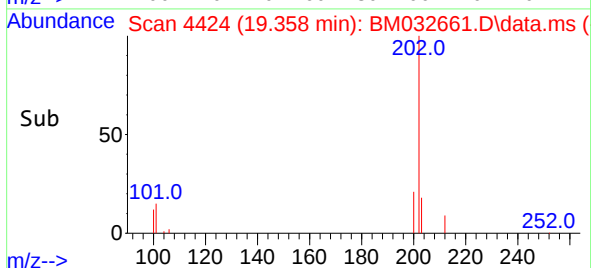
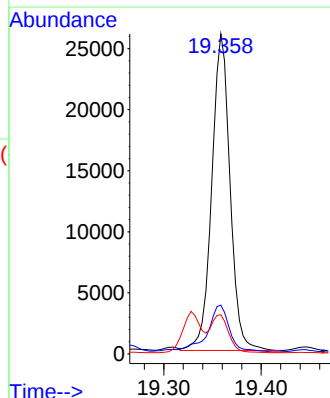
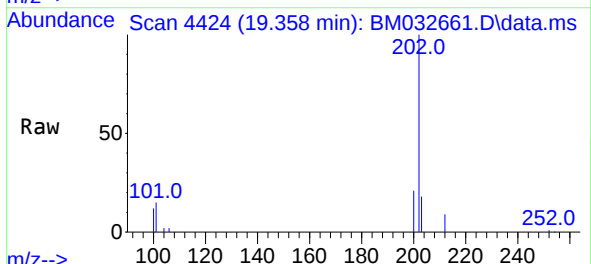
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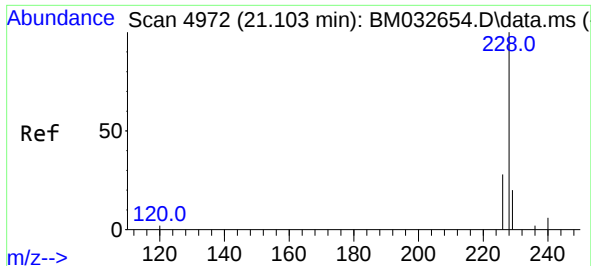
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#20
Pyrene
Concen: 0.40 ng/ul
RT: 19.358 min Scan# 4424
Delta R.T. -0.008 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:	202	Resp:	33774
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.3	18.5
100	12.3	10.1	15.1





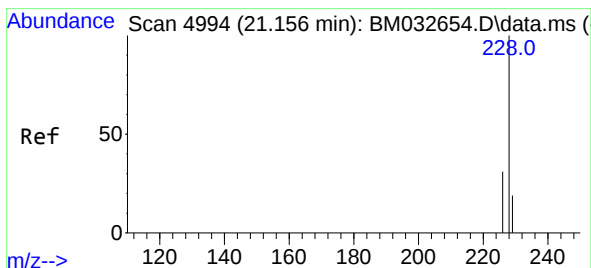
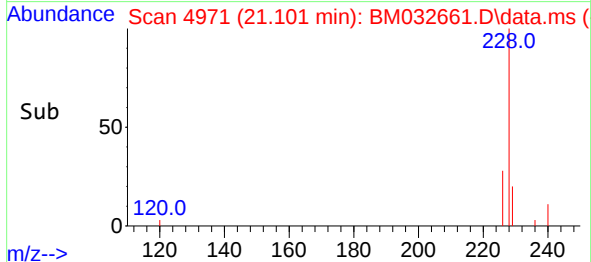
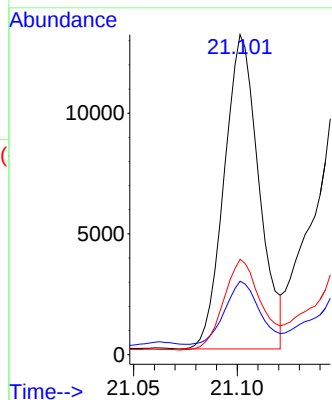
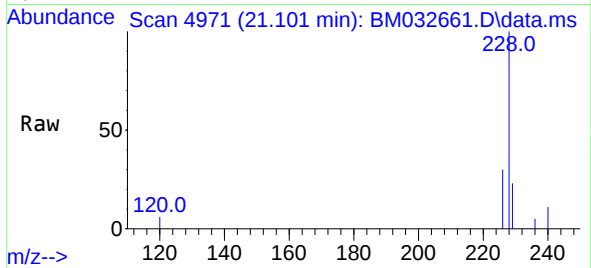
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Benzo(a)anthracene
Concen: 0.23 ng/ul
RT: 21.101 min Scan# 4971
Delta R.T. -0.007 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:228	Resp:	15188
Ion Ratio	Lower	Upper
228	100	
229	22.9	15.9 23.9
226	29.8	22.4 33.6

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BNA_M
ClientSampled :
C0AC3DL

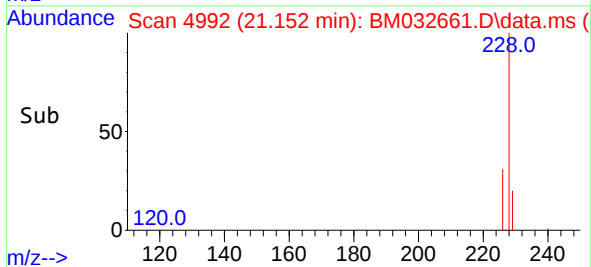
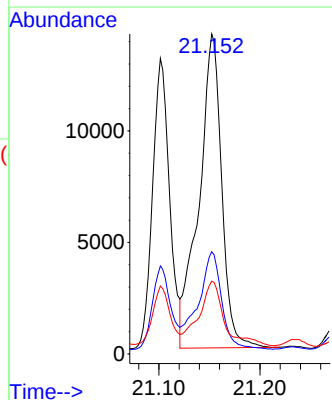
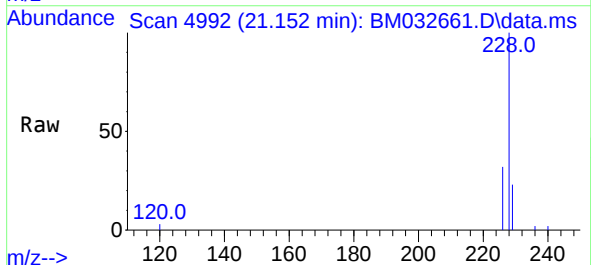
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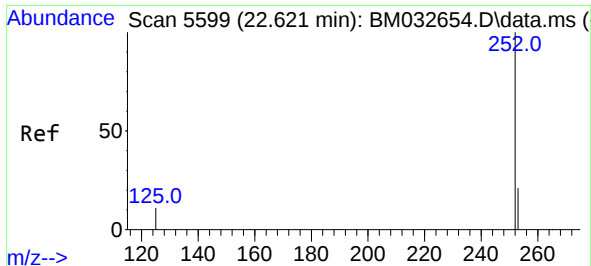
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#22
Chrysene
Concen: 0.31 ng/ul
RT: 21.152 min Scan# 4992
Delta R.T. -0.007 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:228	Resp:	21974
Ion Ratio	Lower	Upper
228	100	
226	31.9	25.1 37.7
229	22.8	15.7 23.5





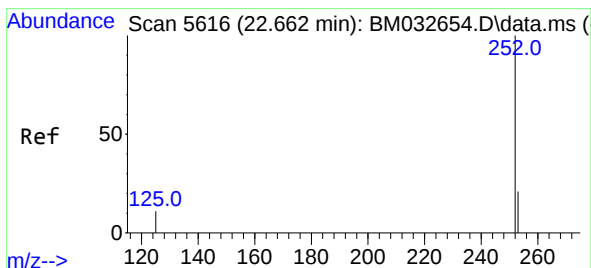
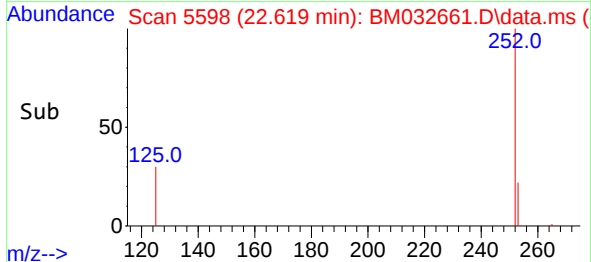
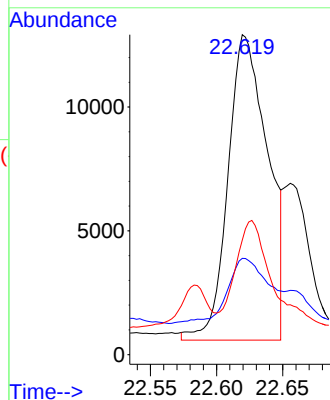
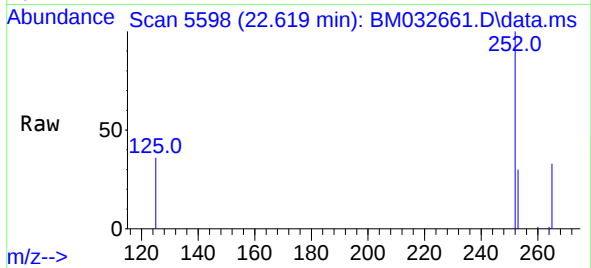
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Benzo(b)fluoranthene
Concen: 0.36 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.007 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:252 Resp: 25810
Ion Ratio Lower Upper
252 100
253 30.1 0.0 53.8
125 35.8 0.0 35.6#

Instrument :
BNA_M
ClientSampled :
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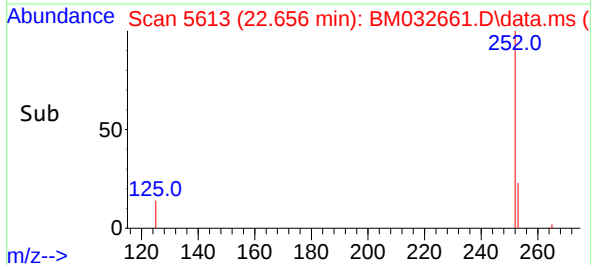
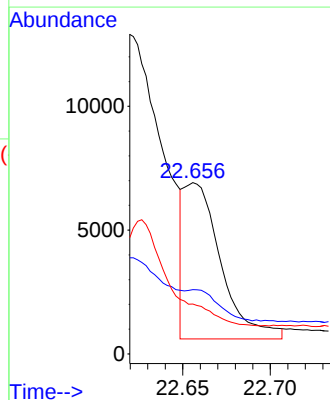
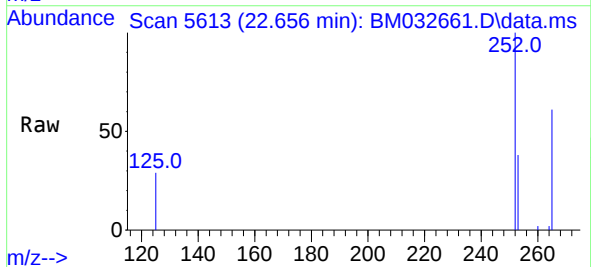
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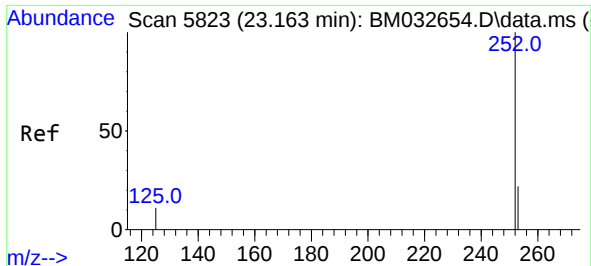
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#25
Benzo(k)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.656 min Scan# 5613
Delta R.T. -0.010 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:252 Resp: 9299
Ion Ratio Lower Upper
252 100
253 37.5 21.8 32.6#
125 29.1 14.4 21.6#





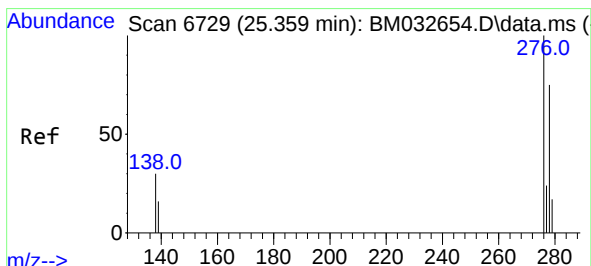
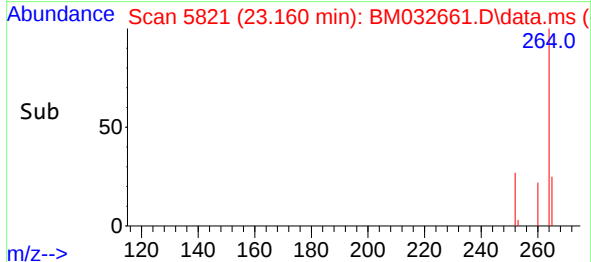
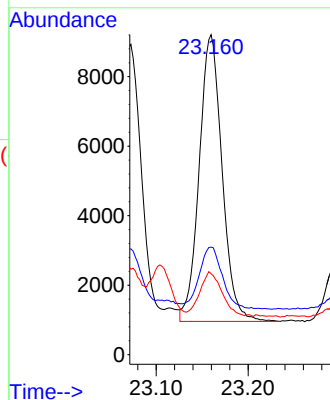
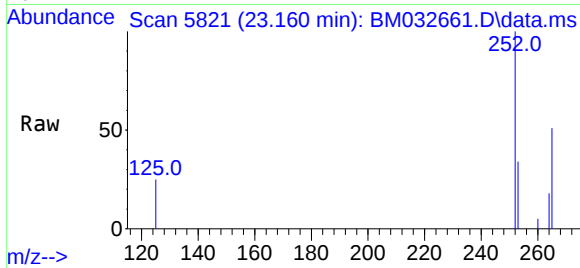
#26
Benzo(a)pyrene
Concen: 0.24 ng/u1
RT: 23.160 min Scan# 5821
Delta R.T. -0.010 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:	252	Resp:	14283
Ion Ratio	Lower	Upper	
252	100		
253	33.6	23.6	35.4
125	25.3	17.1	25.7

Instrument :
BNA_M
ClientSampleId :
C0AC3DL

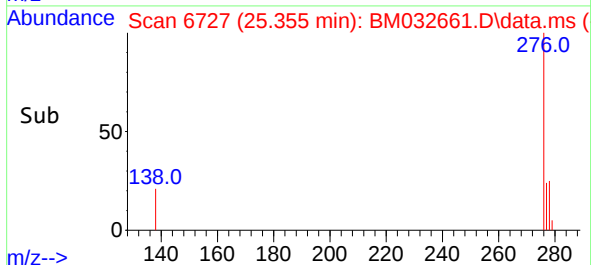
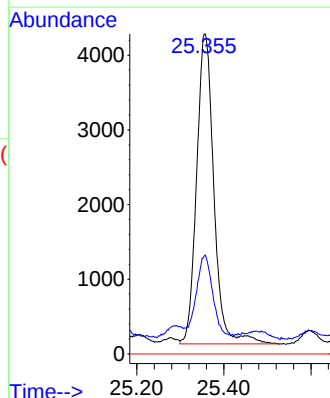
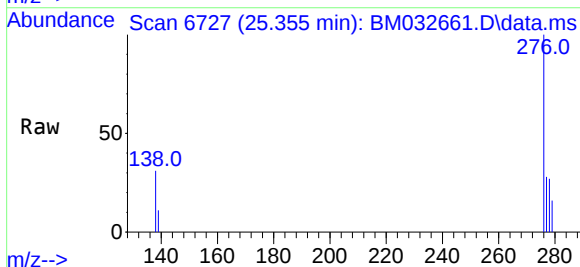
Manual Integrations
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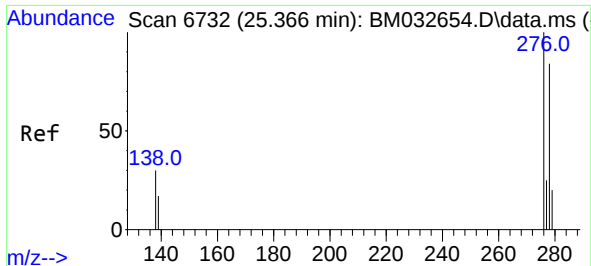
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/u1
RT: 25.355 min Scan# 6727
Delta R.T. -0.017 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:	276	Resp:	11440
Ion Ratio	Lower	Upper	
276	100		
138	24.4	24.9	37.3#
227	0.0	0.0	0.0





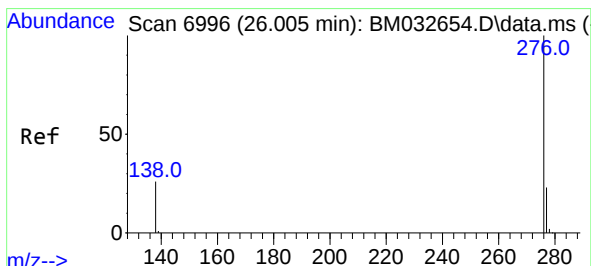
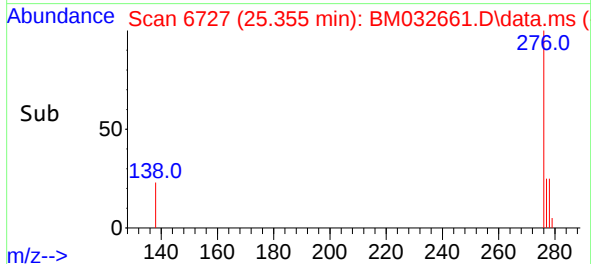
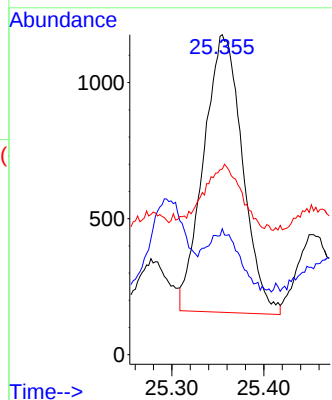
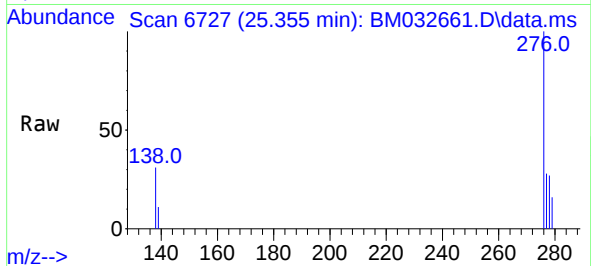
#28
Dibenzo(a,h)anthracene
Concen: 0.05 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.022 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:278 Resp: 2998
Ion Ratio Lower Upper
278 100
139 39.4 18.6 28.0#
279 58.0 22.0 33.0#

Instrument :
BNA_M
ClientSampleId :
C0AC3DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.17 ng/ul
RT: 26.004 min Scan# 6995
Delta R.T. -0.015 min
Lab File: BM032661.D
Acq: 21 Oct 2021 17:50

Tgt Ion:276 Resp: 10904
Ion Ratio Lower Upper
276 100
138 30.4 22.6 33.8
277 27.3 19.9 29.9

