

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032662.D
 Acq On : 21 Oct 2021 18:26
 Operator : CG/JU
 Sample : M4207-09DL 5X
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B22DL

Manual Integrations
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Quant Time: Oct 22 06:02:00 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	6331	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	21535	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	11428	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.939	188	23605	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	17867	0.40	ng/ul	0.00
23) Perylene-d12	23.256	264	17408	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.920	96	1974	0.28	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	772	0.03	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	1302	0.02	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.384	128	28989	0.44	ng/ul	99
7) 2-Methylnaphthalene	12.003	142	23714	0.56	ng/ul	99
8) 1-Methylnaphthalene	12.228	142	18969	0.45	ng/ul	99
10) Acenaphthylene	13.924	152	1512	0.03	ng/ul#	78
15) Phenanthrene	16.981	178	28878	0.36	ng/ul	99
16) Anthracene	17.071	178	1932	0.03	ng/ul#	85
19) Fluoranthene	18.996	202	18017	0.20	ng/ul	99
20) Pyrene	19.358	202	17050	0.19	ng/ul	100
21) Benzo(a)anthracene	21.104	228	7893	0.11	ng/ul#	93
22) Chrysene	21.154	228	10939	0.14	ng/ul#	95
24) Benzo(b)fluoranthene	22.619	252	10789m	0.13	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	4185m	0.05	ng/ul	
26) Benzo(a)pyrene	23.162	252	6575	0.10	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.355	276	4654	0.06	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.355	278	1382	0.02	ng/ul#	14
29) Benzo(g,h,i)perylene	26.006	276	4459	0.06	ng/ul#	87

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

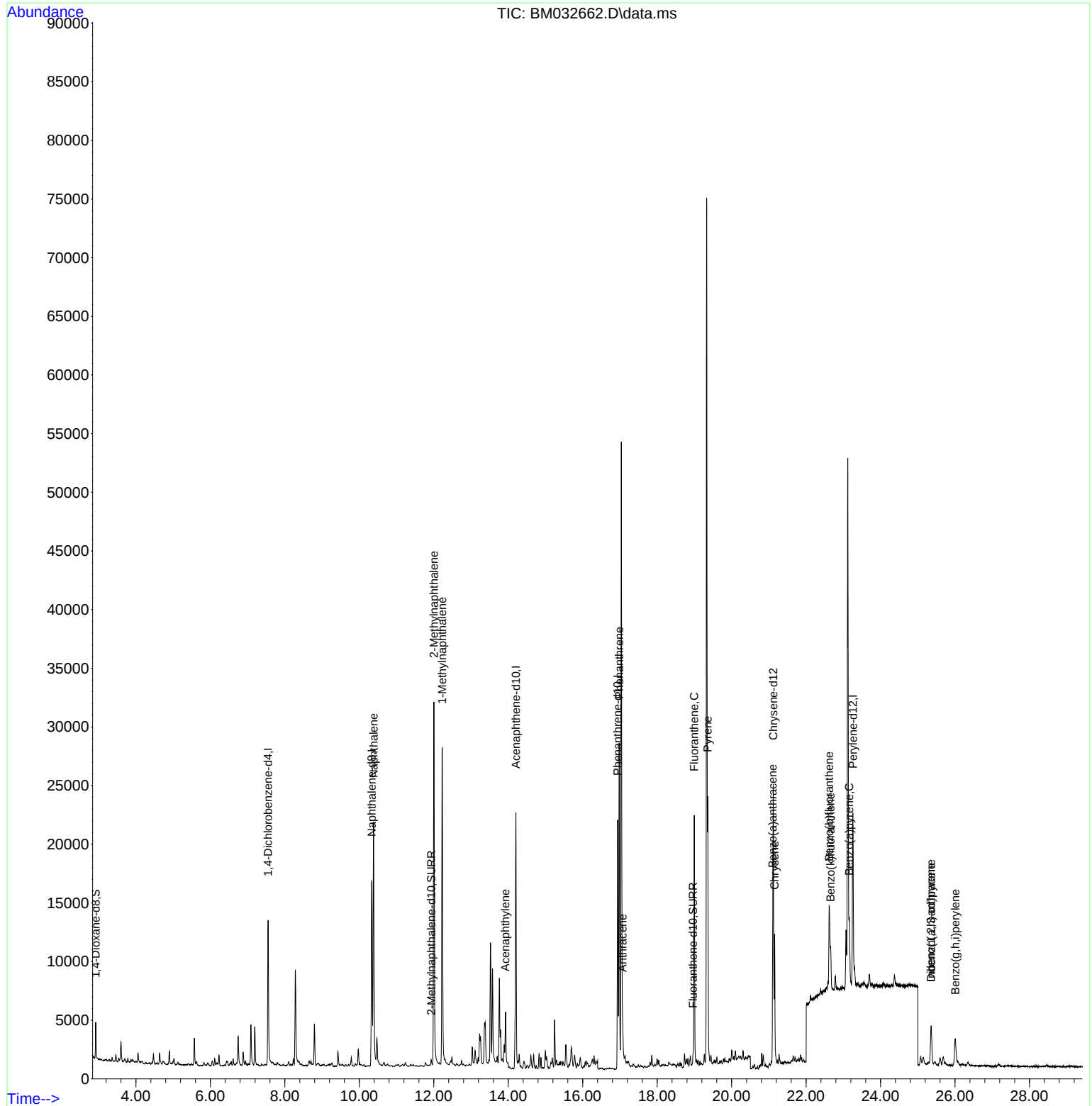
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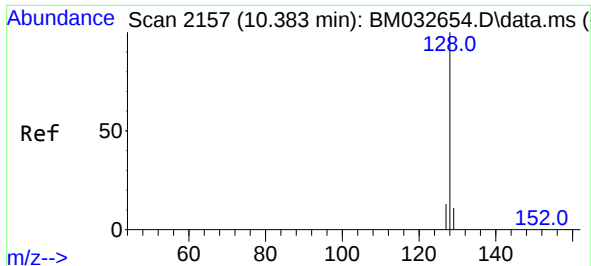
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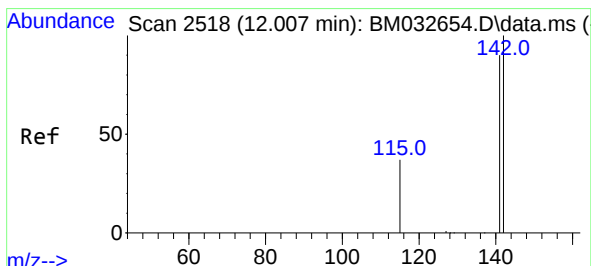
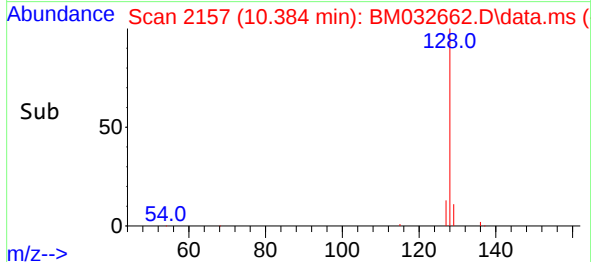
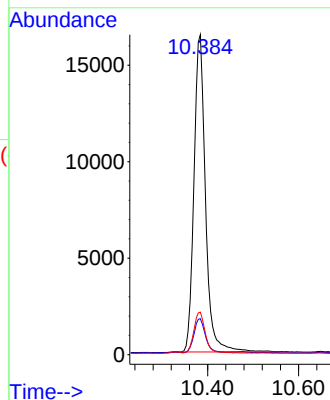
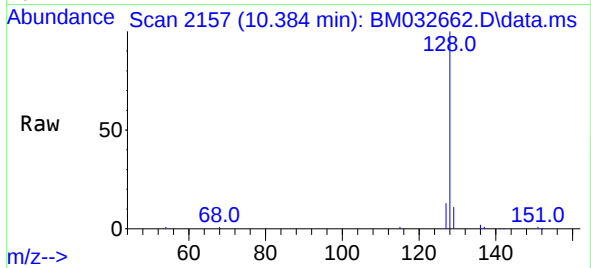
#5
Naphthalene
Concen: 0.44 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	128	Resp:	28989
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.1	13.7
127	13.3	11.1	16.7

Instrument :
BNA_M
ClientSampleId :
C0B22DL

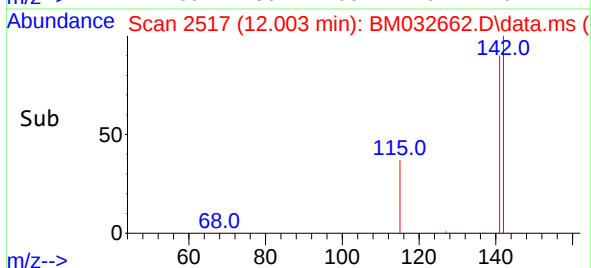
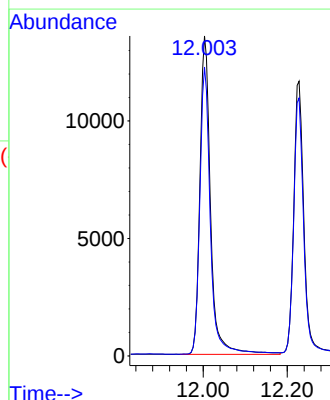
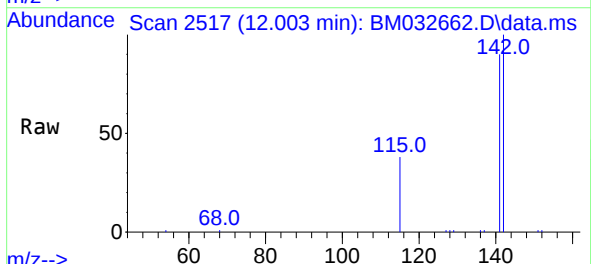
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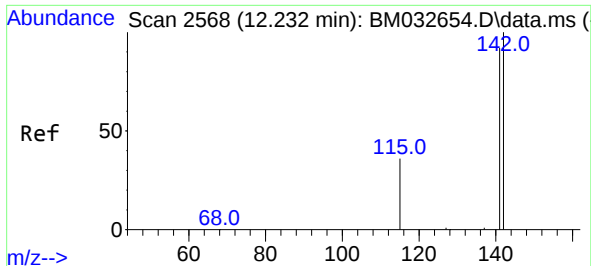
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#7
2-Methylnaphthalene
Concen: 0.56 ng/ul
RT: 12.003 min Scan# 2517
Delta R.T. -0.009 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	142	Resp:	23714
Ion Ratio	Lower	Upper	
142	100		
141	89.6	72.2	108.2





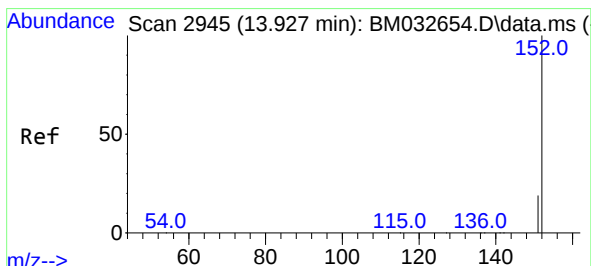
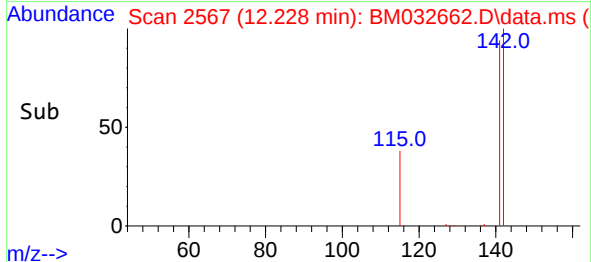
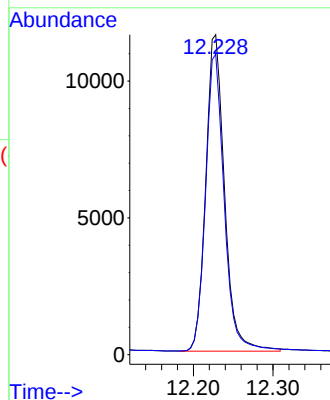
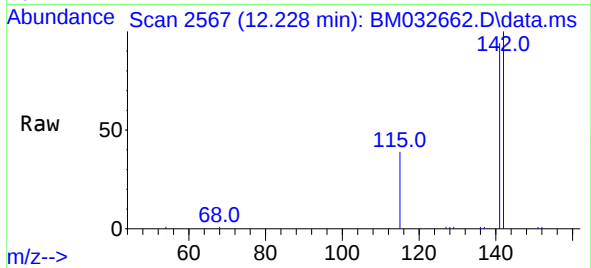
#8
1-Methylnaphthalene
Concen: 0.45 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:142 Resp: 18969
Ion Ratio Lower Upper
142 100
141 92.9 74.9 112.3

Instrument :
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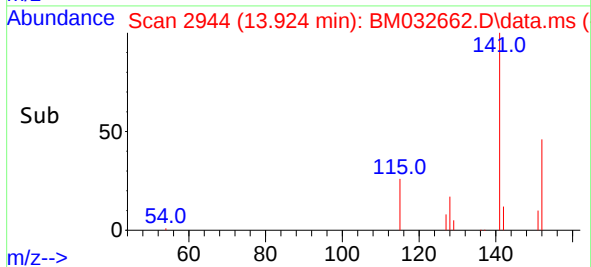
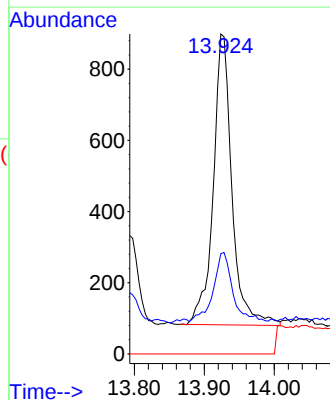
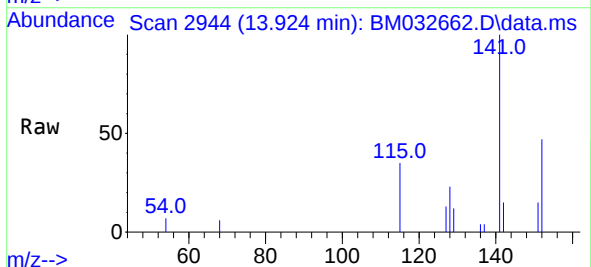
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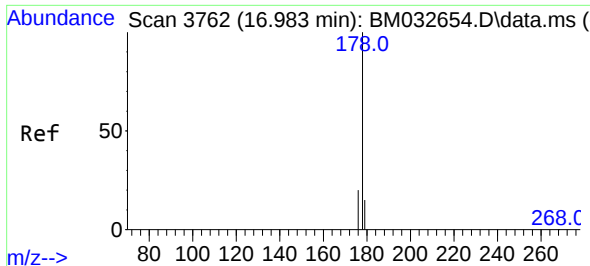
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#10
Acenaphthylene
Concen: 0.03 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.005 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

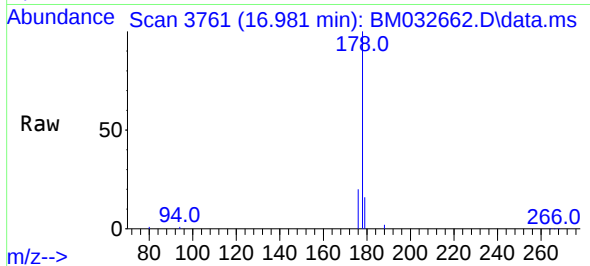
Tgt Ion:152 Resp: 1512
Ion Ratio Lower Upper
152 100
151 31.4 16.7 25.1#
153 0.0 0.0 0.0





#15
Phenanthrene
Concen: 0.36 ng/ul
RT: 16.981 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

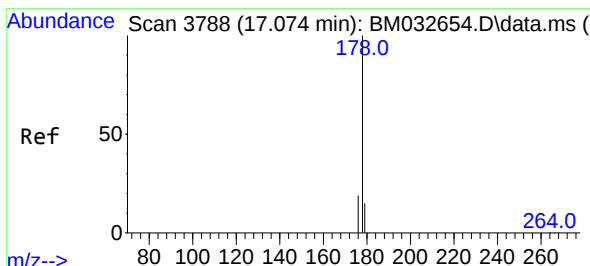
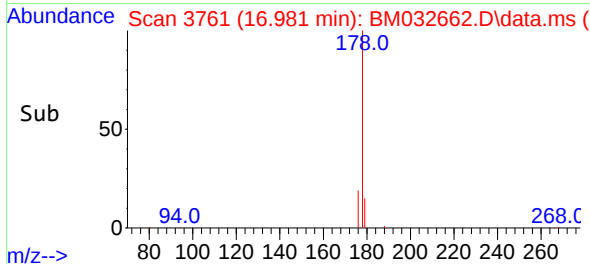
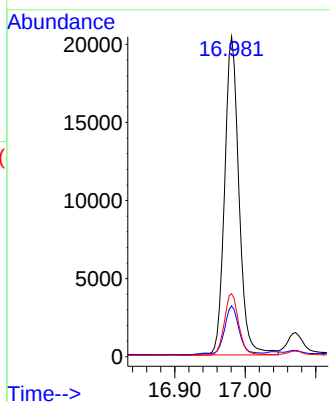
Instrument :
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ClientSampleId :
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Tgt Ion:178 Resp: 28878
Ion Ratio Lower Upper
178 100
179 15.9 12.9 19.3
176 19.7 16.1 24.1

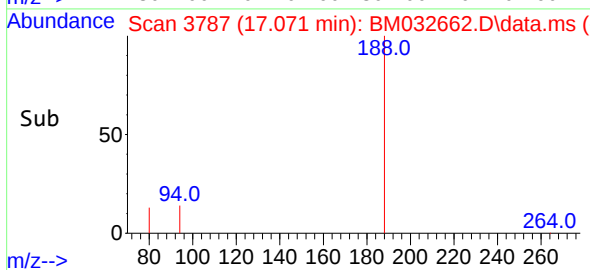
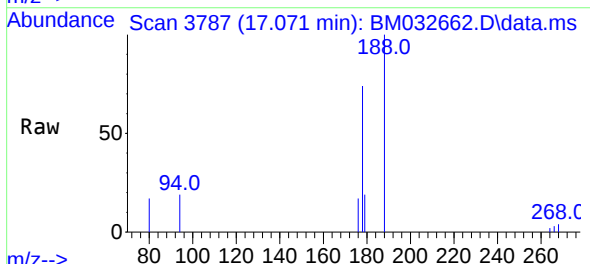
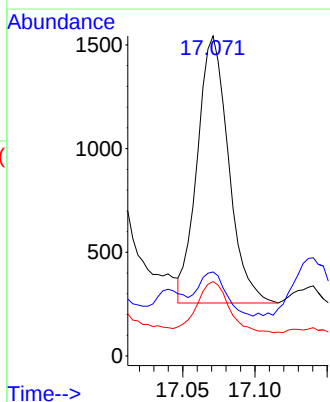
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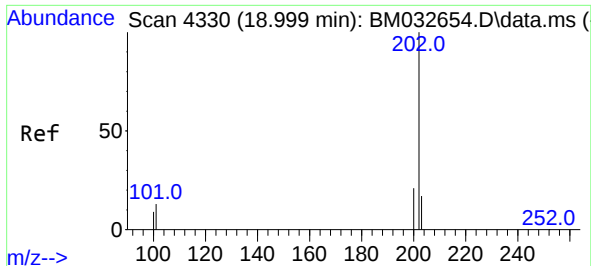
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#16
Anthracene
Concen: 0.03 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

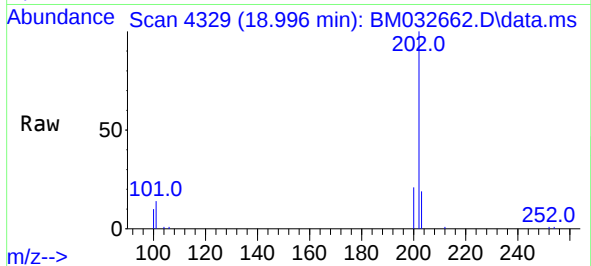
Tgt Ion:178 Resp: 1932
Ion Ratio Lower Upper
178 100
179 26.2 12.9 19.3#
176 23.3 15.8 23.6





#19
Fluoranthene
Concen: 0.20 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

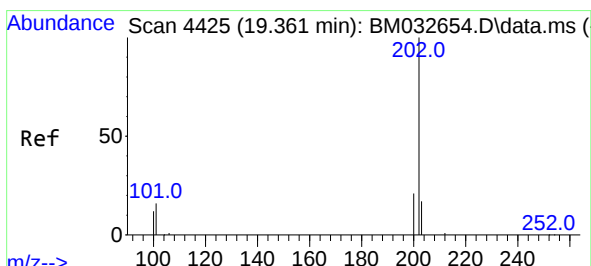
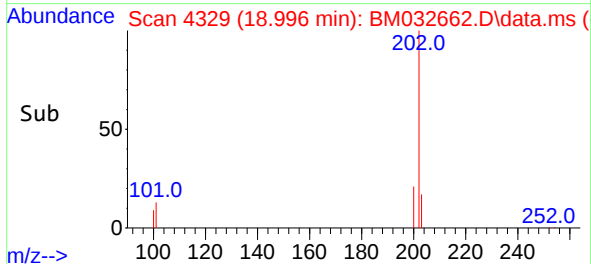
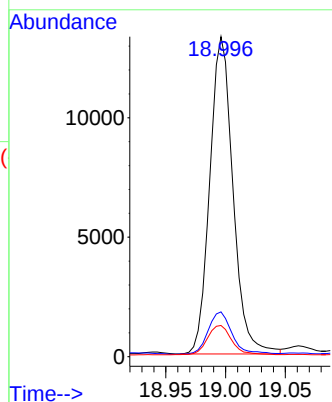
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 18017
Ion Ratio Lower Upper
202 100
101 14.0 10.6 16.0
100 9.7 7.8 11.8

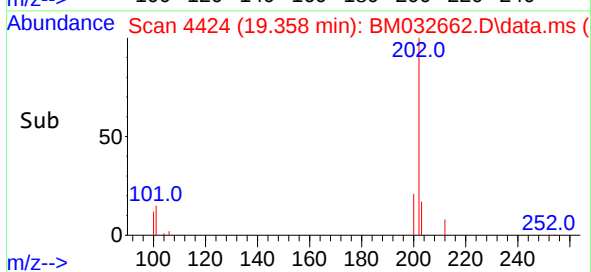
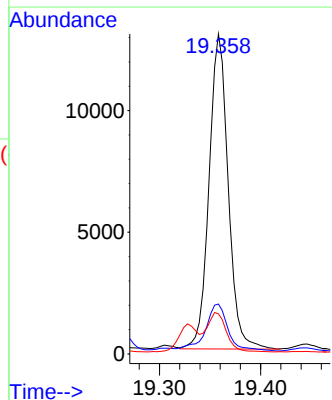
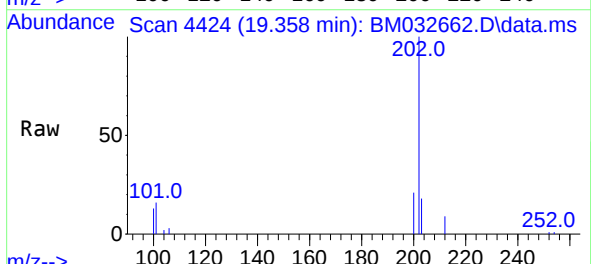
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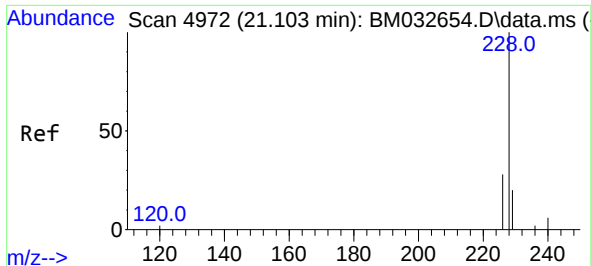
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#20
Pyrene
Concen: 0.19 ng/ul
RT: 19.358 min Scan# 4424
Delta R.T. -0.008 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:202 Resp: 17050
Ion Ratio Lower Upper
202 100
101 15.6 12.3 18.5
100 12.6 10.1 15.1





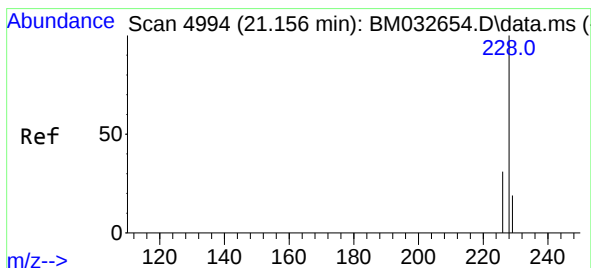
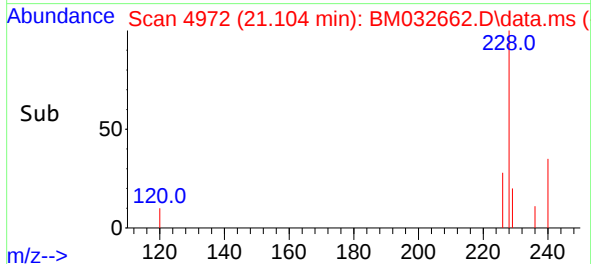
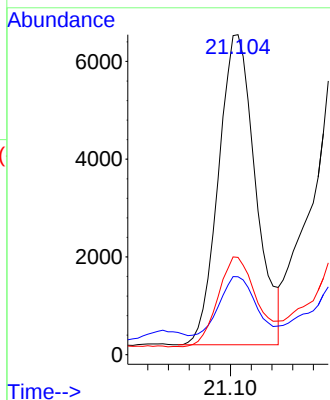
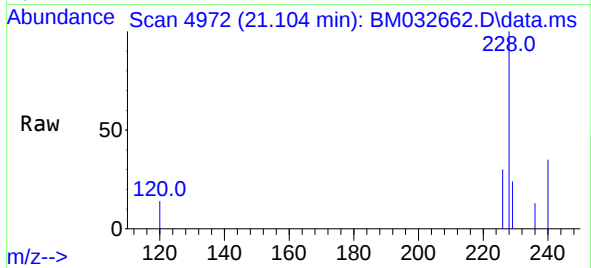
#21
Benzo(a)anthracene
Concen: 0.11 ng/ul
RT: 21.104 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	228	Resp:	7893
Ion Ratio	Lower	Upper	
228	100		
229	24.3	15.9	23.9#
226	30.4	22.4	33.6

Instrument :
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ClientSampleId :
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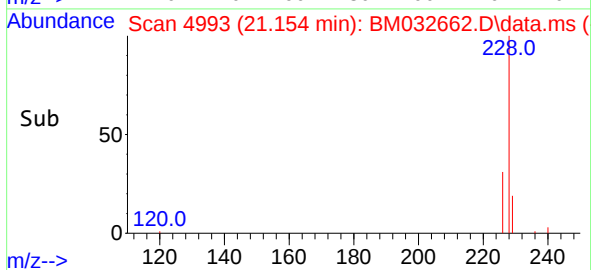
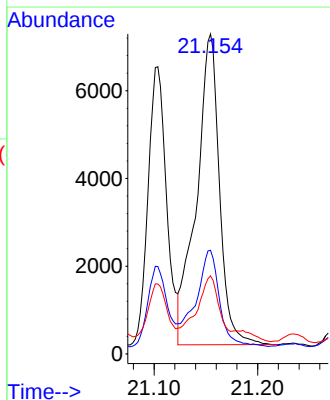
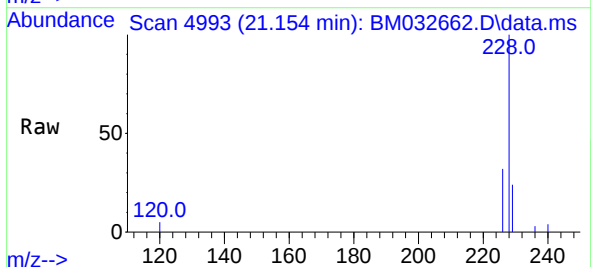
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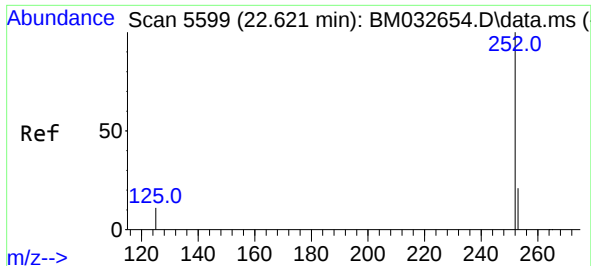
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#22
Chrysene
Concen: 0.14 ng/ul
RT: 21.154 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	228	Resp:	10939
Ion Ratio	Lower	Upper	
228	100		
226	32.4	25.1	37.7
229	24.4	15.7	23.5#





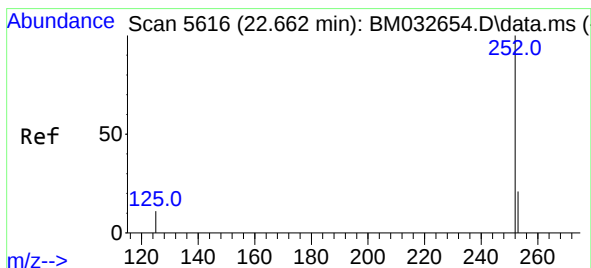
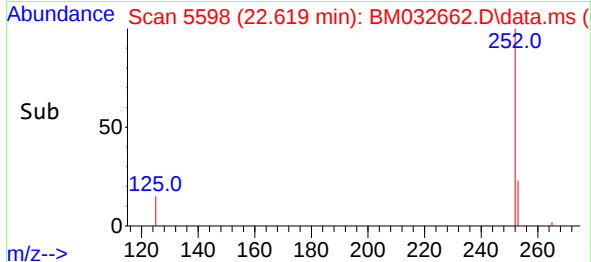
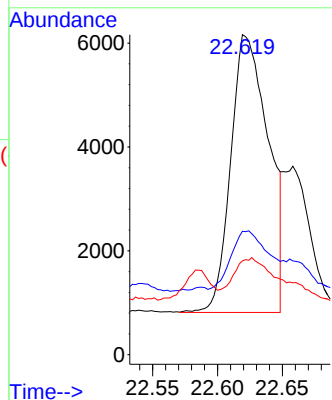
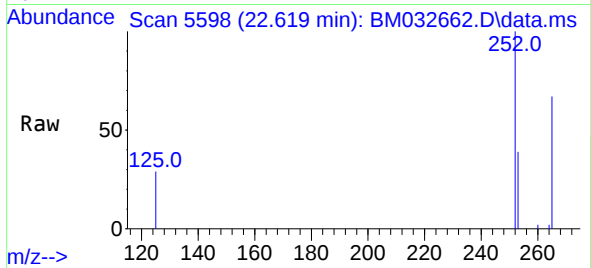
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Benzo(b)fluoranthene
Concen: 0.13 ng/ul m
RT: 22.619 min Scan# 5598
Delta R.T. -0.007 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:252	Resp:	10789
Ion Ratio	Lower	Upper
252	100	
253	38.6	0.0 53.8
125	29.3	0.0 35.6

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BNA_M
ClientSampleId :
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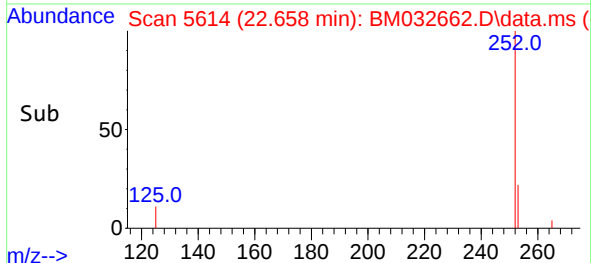
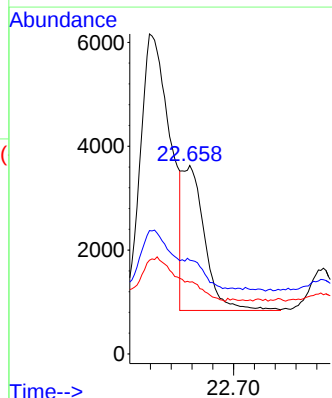
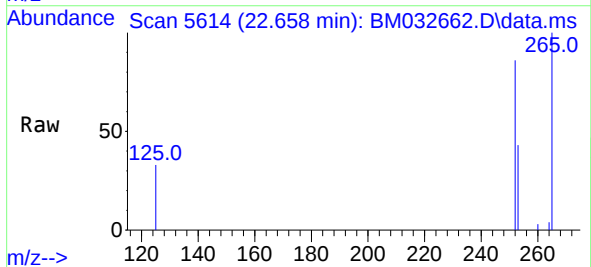
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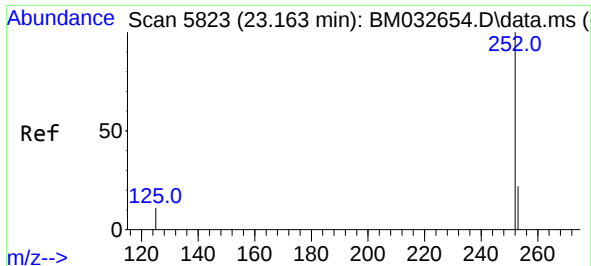
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#25
Benzo(k)fluoranthene
Concen: 0.05 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:252	Resp:	4185
Ion Ratio	Lower	Upper
252	100	
253	49.7	21.8 32.6#
125	38.1	14.4 21.6#





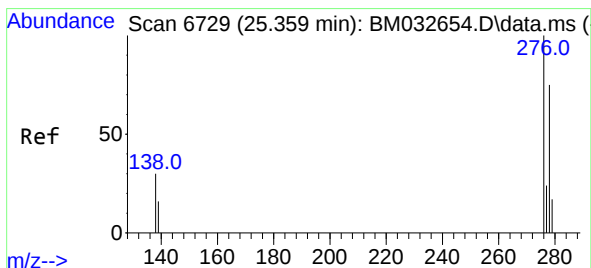
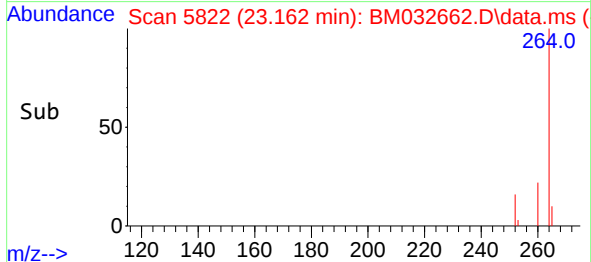
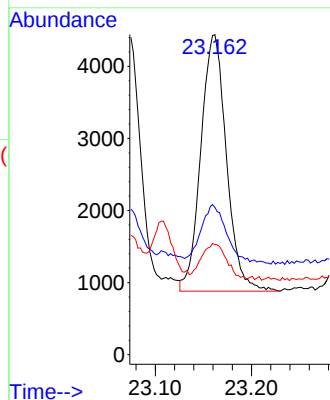
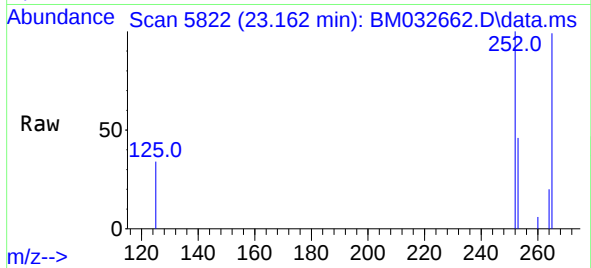
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Benzo(a)pyrene
Concen: 0.10 ng/u1
RT: 23.162 min Scan# 5822
Delta R.T. -0.007 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	252	Resp:	6575
Ion Ratio	Lower	Upper	
252	100		
253	46.1	23.6	35.4#
125	34.4	17.1	25.7#

Instrument :
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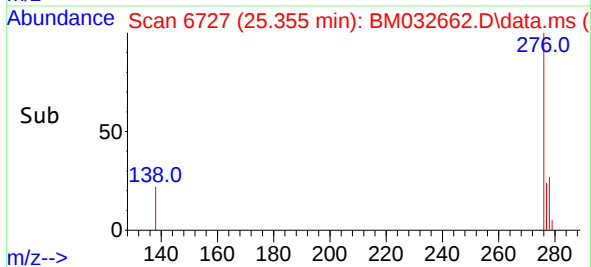
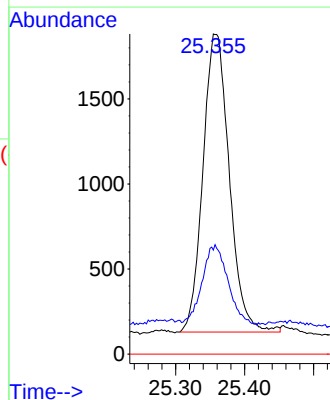
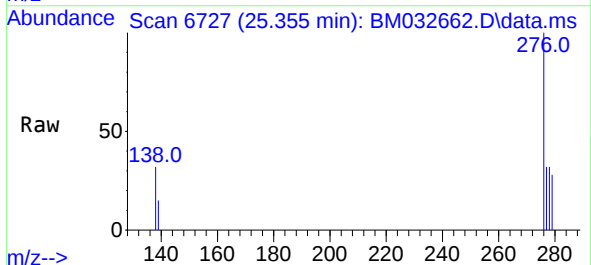
Manual Integrations
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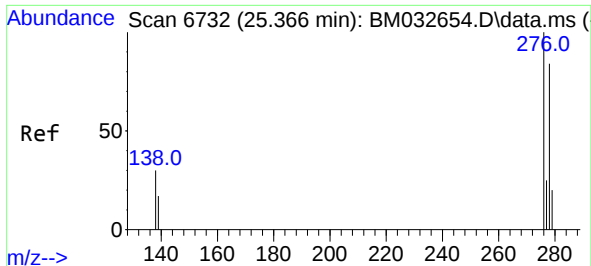
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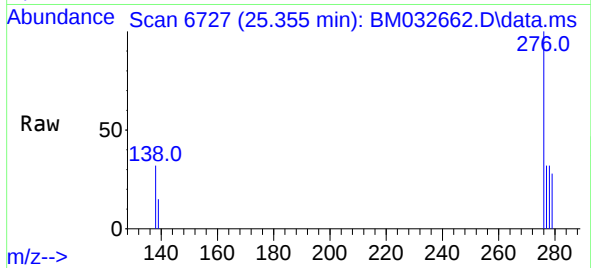
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng/u1
RT: 25.355 min Scan# 6727
Delta R.T. -0.017 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26

Tgt Ion:	276	Resp:	4654
Ion Ratio	Lower	Upper	
276	100		
138	26.6	24.9	37.3
227	0.0	0.0	0.0

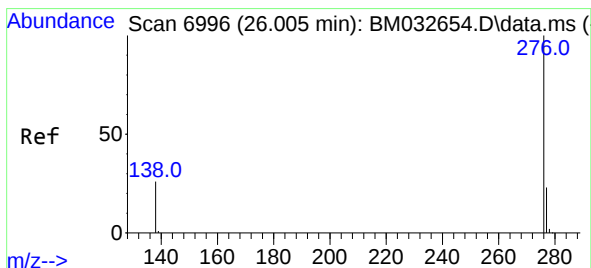
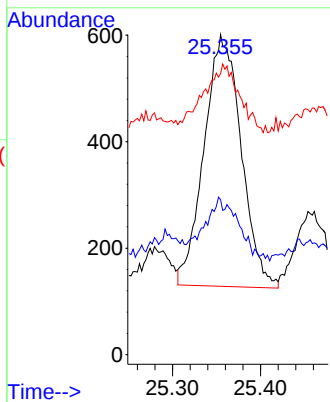
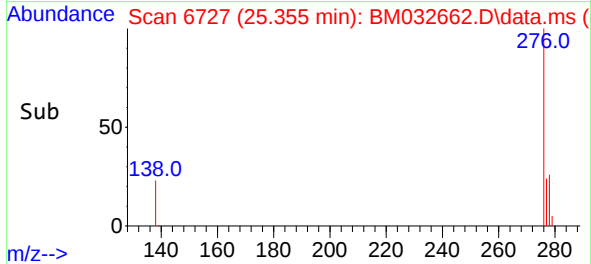




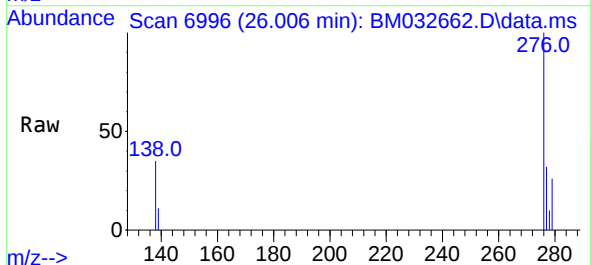
#28
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.022 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26



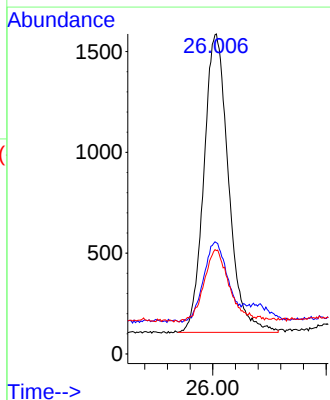
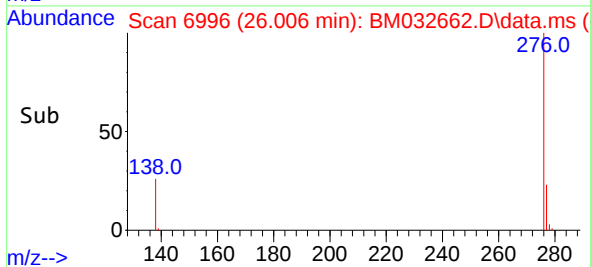
Tgt Ion:278 Resp: 1382
Ion Ratio Lower Upper
278 100
139 48.4 18.6 28.0#
279 87.9 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.012 min
Lab File: BM032662.D
Acq: 21 Oct 2021 18:26



Tgt Ion:276 Resp: 4459
Ion Ratio Lower Upper
276 100
138 34.7 22.6 33.8#
277 32.3 19.9 29.9#



Instrument :
BNA_M
ClientSampleId :
C0B22DL

Manual Integrations
APPROVED

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