

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
 Data File : BM032657.D
 Acq On : 21 Oct 2021 15:25
 Operator : CG/JU
 Sample : M4207-07DL 5X
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AY7DL

Manual Integrations
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Quant Time: Oct 21 17:06:12 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	6676	0.40	ng/ul	0.00
4) Naphthalene-d8	10.334	136	22737	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.205	164	12284	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.943	188	25136	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.118	240	18665	0.40	ng/ul	0.00
23) Perylene-d12	23.254	264	17996m	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.923	96	632	0.08	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.931	152	187	0.01	ng/ul	0.00
18) Fluoranthene-d10	18.966	212	305	0.01	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	5307	0.08	ng/ul	96
7) 2-Methylnaphthalene	12.008	142	2920	0.06	ng/ul	98
8) 1-Methylnaphthalene	12.228	142	1381	0.03	ng/ul	99
10) Acenaphthylene	13.924	152	5742	0.11	ng/ul	96
11) Acenaphthene	14.270	153	972	0.02	ng/ul	95
12) Fluorene	15.256	166	3373	0.06	ng/ul	97
15) Phenanthrene	16.981	178	29581	0.35	ng/ul	99
16) Anthracene	17.071	178	261161	3.52	ng/ul	98
19) Fluoranthene	18.996	202	133623	1.45	ng/ul	100
20) Pyrene	19.358	202	122620	1.29	ng/ul	100
21) Benzo(a)anthracene	21.104	228	101713	1.39	ng/ul	99
22) Chrysene	21.154	228	402213	5.01	ng/ul	99
24) Benzo(b)fluoranthene	22.622	252	241007m	2.90	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	96826m	1.17	ng/ul	
26) Benzo(a)pyrene	23.162	252	134783m	1.93	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.359	276	223843	2.63	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.359	278	57296	0.85	ng/ul	96
29) Benzo(g,h,i)perylene	26.006	276	226130	3.05	ng/ul	97

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

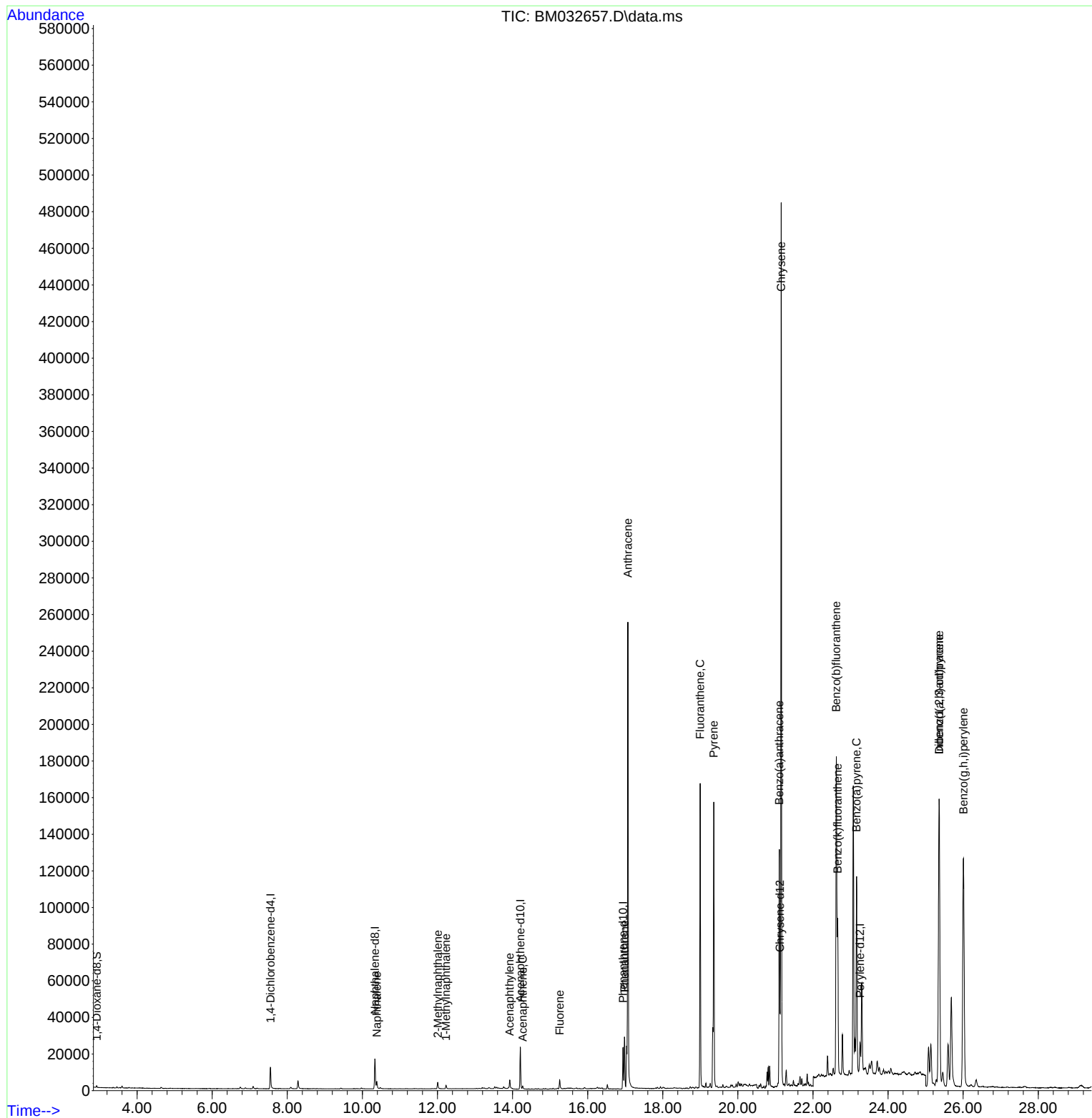
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101921\
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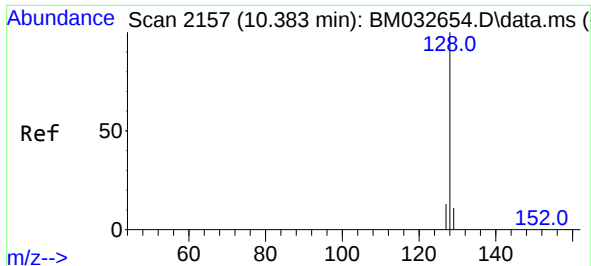
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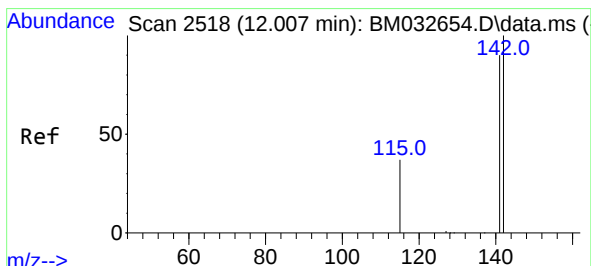
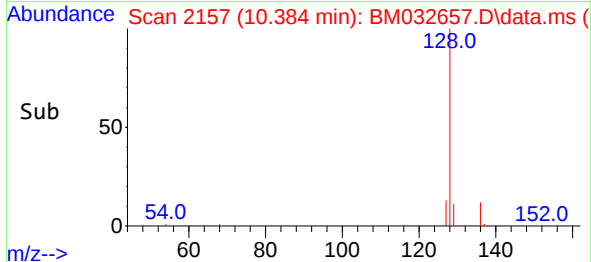
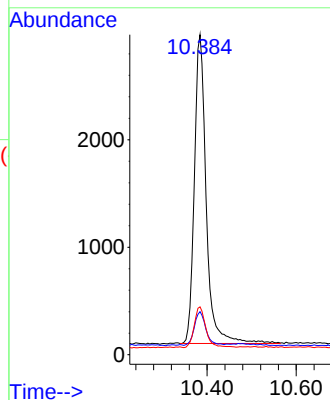
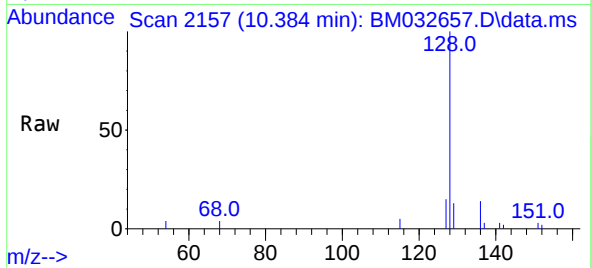
#5
Naphthalene
Concen: 0.08 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:	128	Resp:	5307
Ion Ratio	Lower	Upper	
128	100		
129	13.5	9.1	13.7
127	14.9	11.1	16.7

Instrument :
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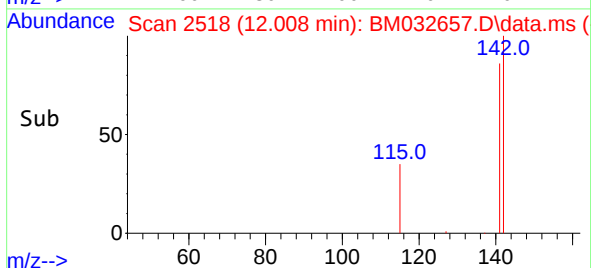
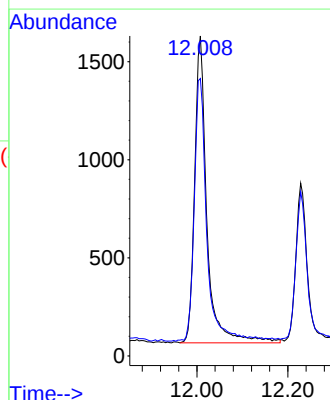
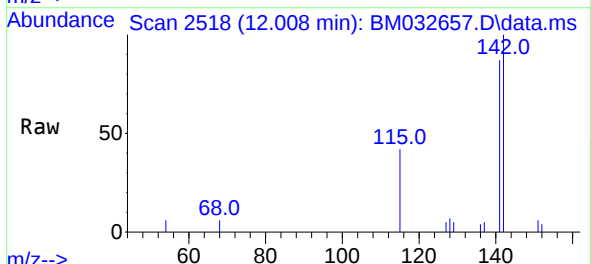
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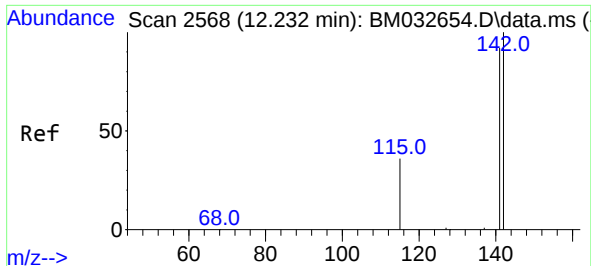
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#7
2-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:	142	Resp:	2920
Ion Ratio	Lower	Upper	
142	100		
141	88.4	72.2	108.2





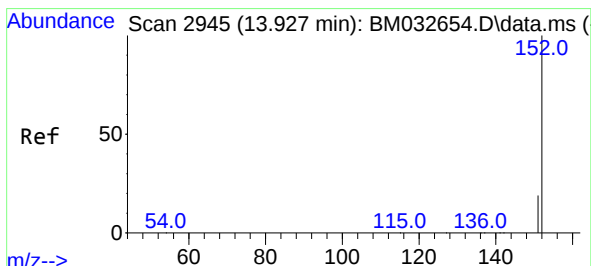
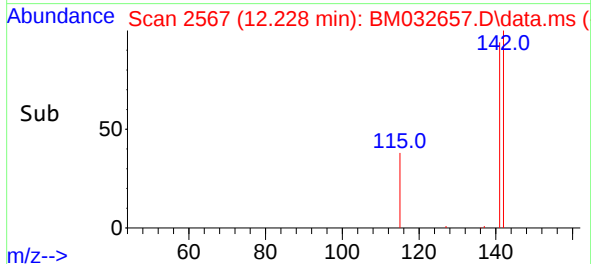
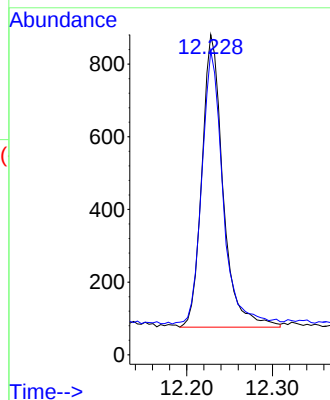
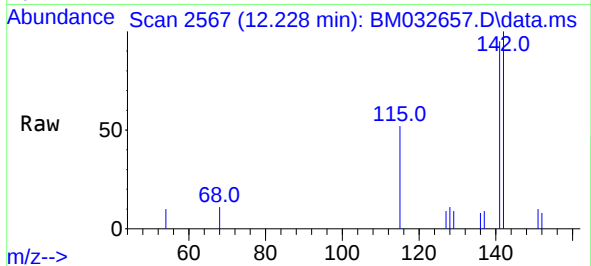
#8
1-Methylnaphthalene
Concen: 0.03 ng/ul
RT: 12.228 min Scan# 2567
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:142 Resp: 1381
Ion Ratio Lower Upper
142 100
141 92.6 74.9 112.3

Instrument :
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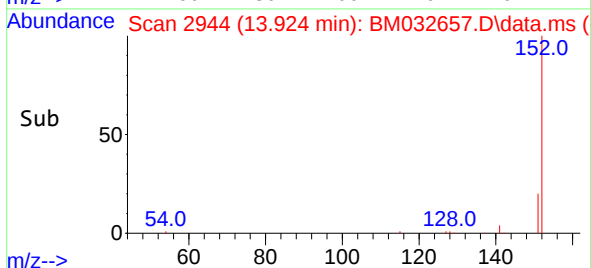
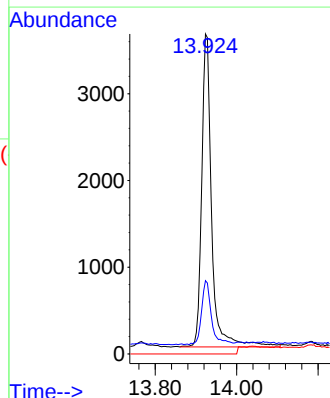
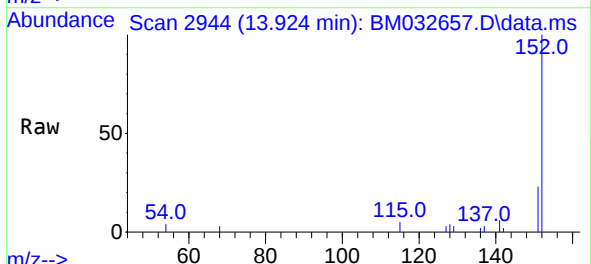
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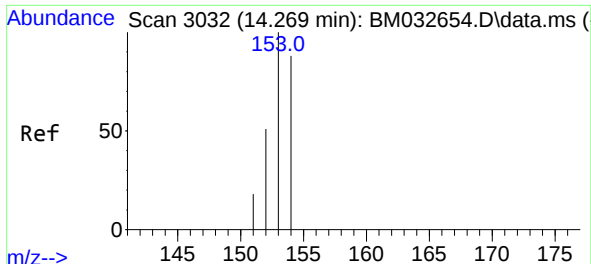
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#10
Acenaphthylene
Concen: 0.11 ng/ul
RT: 13.924 min Scan# 2944
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:152 Resp: 5742
Ion Ratio Lower Upper
152 100
151 22.9 16.7 25.1
153 0.0 0.0 0.0





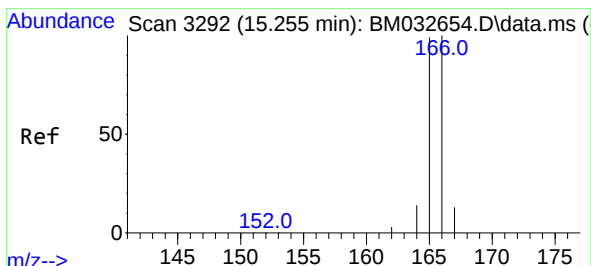
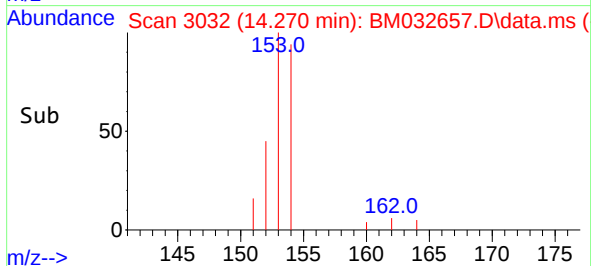
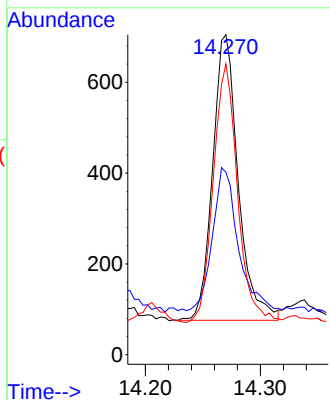
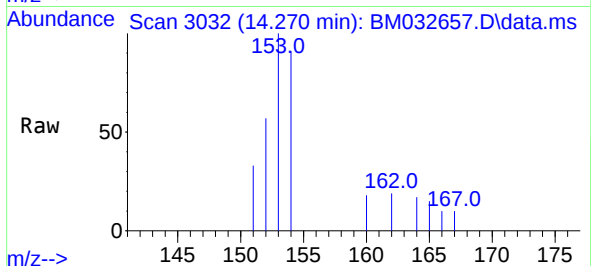
#11
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.270 min Scan# 3032
Delta R.T. -0.004 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:	153	Resp:	972
Ion	Ratio	Lower	Upper
153	100		
152	57.0	40.4	60.6
154	90.9	70.8	106.2

Instrument :
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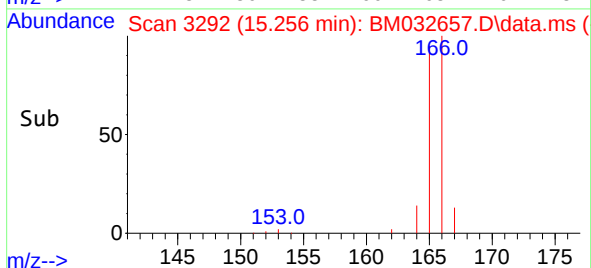
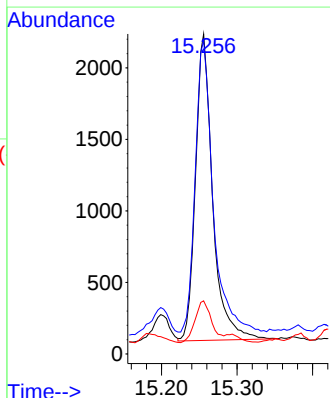
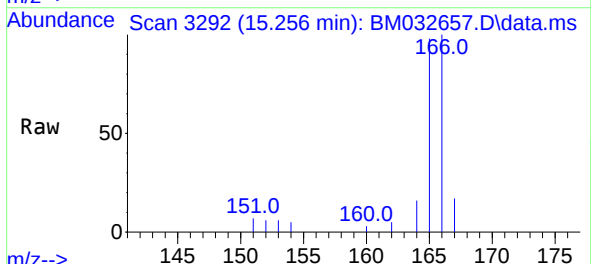
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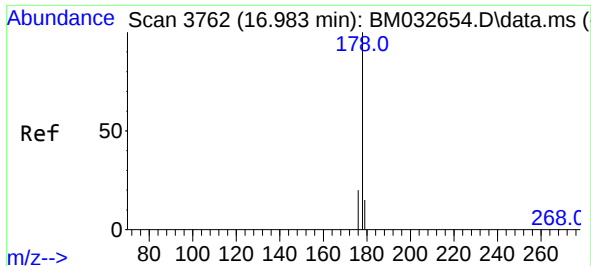
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#12
Fluorene
Concen: 0.06 ng/ul
RT: 15.256 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

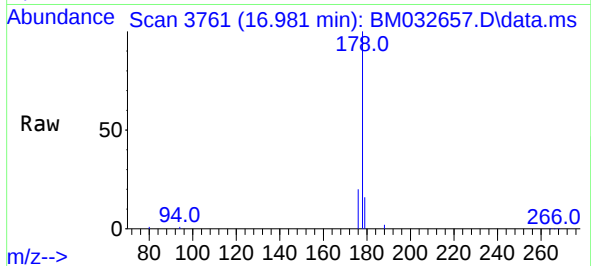
Tgt Ion:	166	Resp:	3373
Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.7	121.1
167	16.6	11.2	16.8





#15
Phenanthrene
Concen: 0.35 ng/ul
RT: 16.981 min Scan# 3761
Delta R.T. -0.007 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

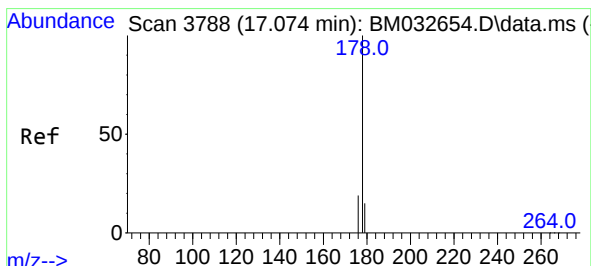
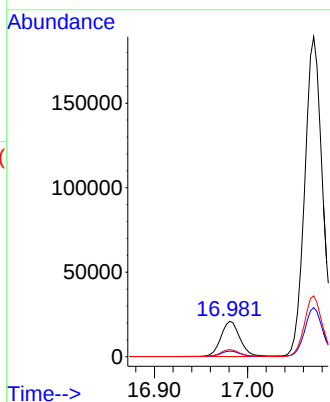
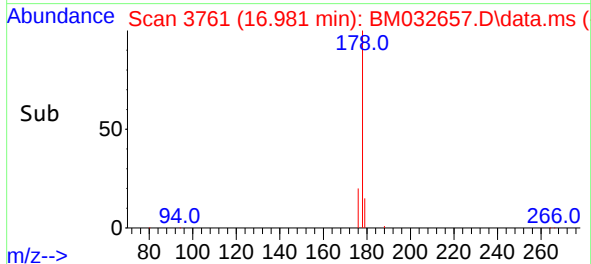
Instrument :
BNA_M
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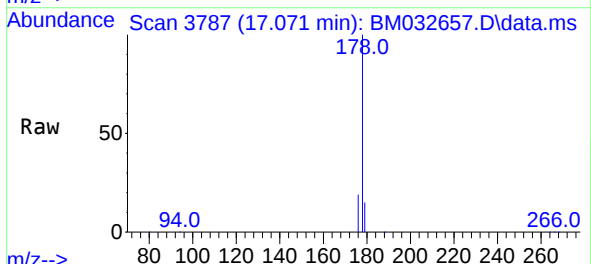
Tgt Ion:178 Resp: 29581
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 19.9 16.1 24.1

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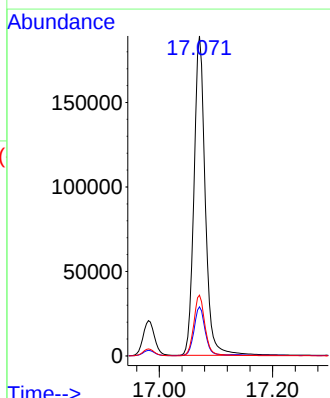
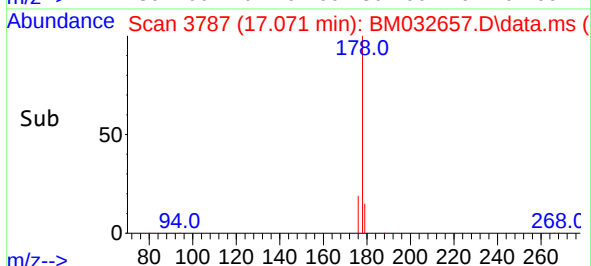
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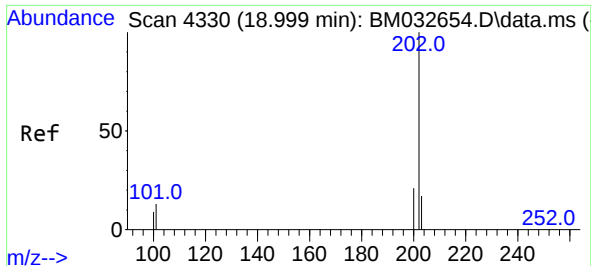


#16
Anthracene
Concen: 3.52 ng/ul
RT: 17.071 min Scan# 3787
Delta R.T. -0.007 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

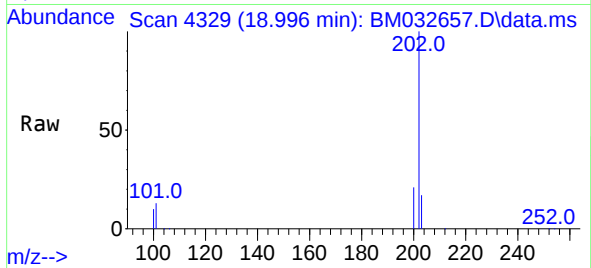


Tgt Ion:178 Resp: 261161
Ion Ratio Lower Upper
178 100
179 15.3 12.9 19.3
176 19.0 15.8 23.6

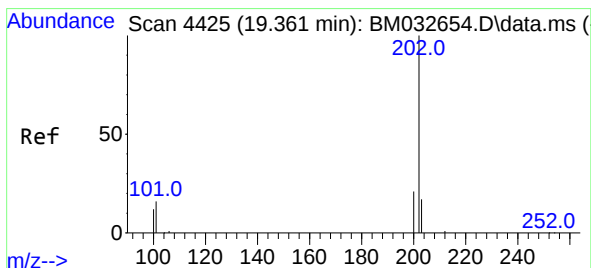
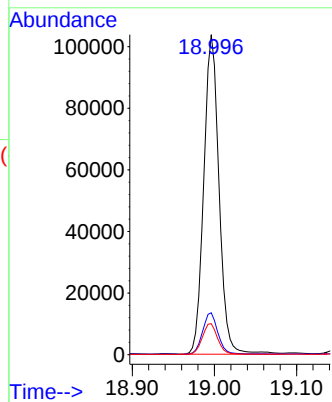
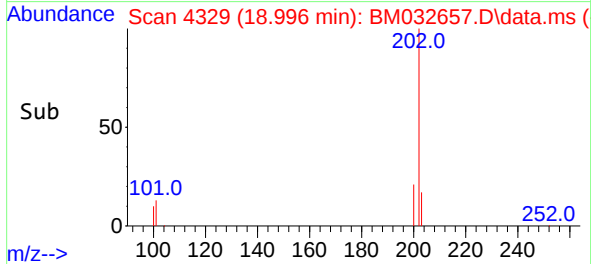




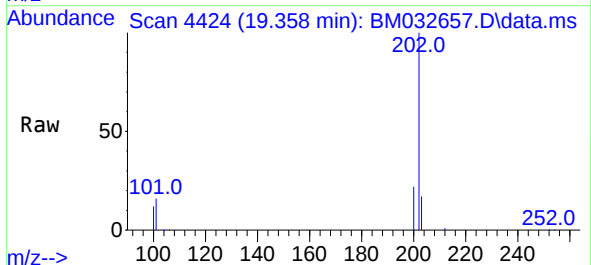
#19
Fluoranthene
Concen: 1.45 ng/ul
RT: 18.996 min Scan# 4329
Delta R.T. -0.008 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25



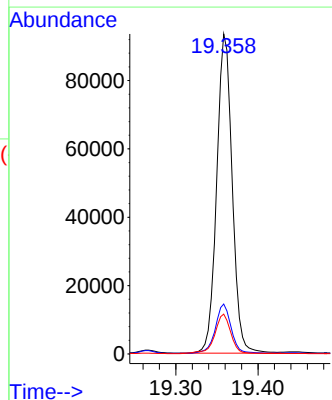
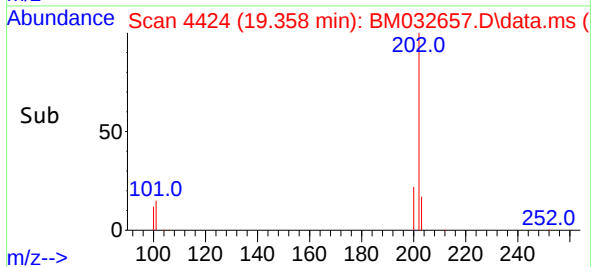
Tgt Ion:202 Resp: 133623
Ion Ratio Lower Upper
202 100
101 13.1 10.6 16.0
100 9.7 7.8 11.8



#20
Pyrene
Concen: 1.29 ng/ul
RT: 19.358 min Scan# 4424
Delta R.T. -0.008 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25



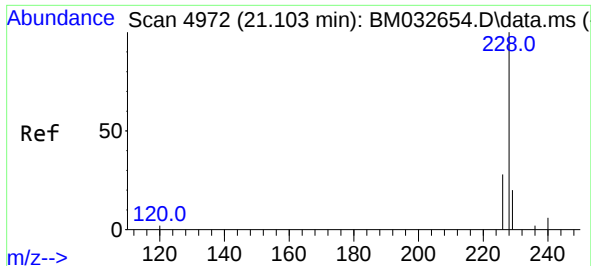
Tgt Ion:202 Resp: 122620
Ion Ratio Lower Upper
202 100
101 15.6 12.3 18.5
100 12.4 10.1 15.1



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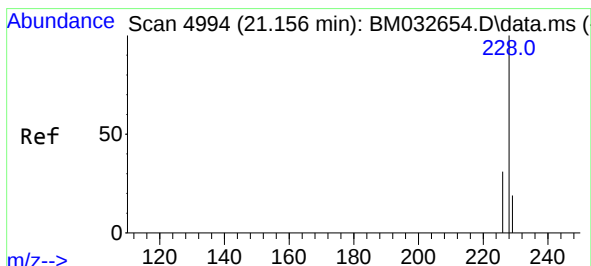
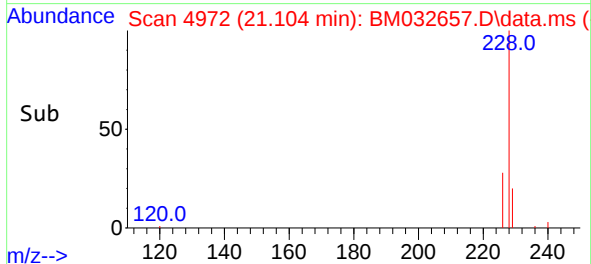
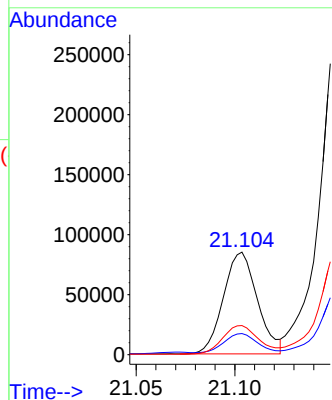
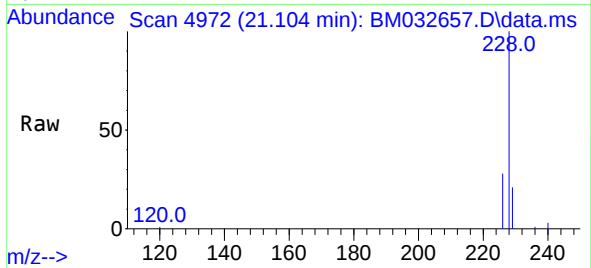
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Benzo(a)anthracene
Concen: 1.39 ng/ul
RT: 21.104 min Scan# 4972
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:228 Resp: 101713
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 28.4 22.4 33.6

Instrument :
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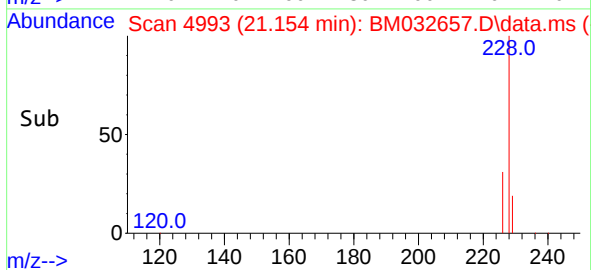
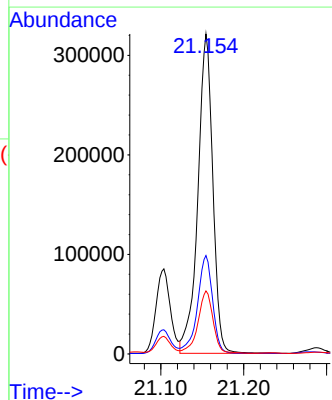
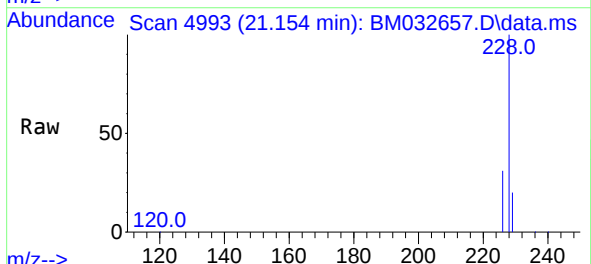
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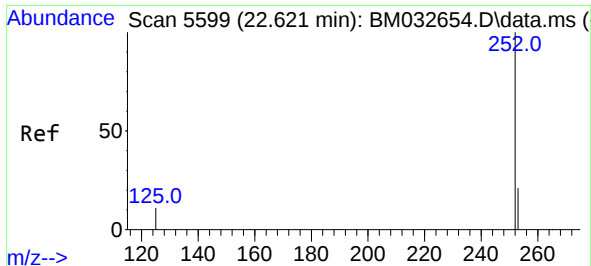
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#22
Chrysene
Concen: 5.01 ng/ul
RT: 21.154 min Scan# 4993
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:228 Resp: 402213
Ion Ratio Lower Upper
228 100
226 30.8 25.1 37.7
229 19.7 15.7 23.5





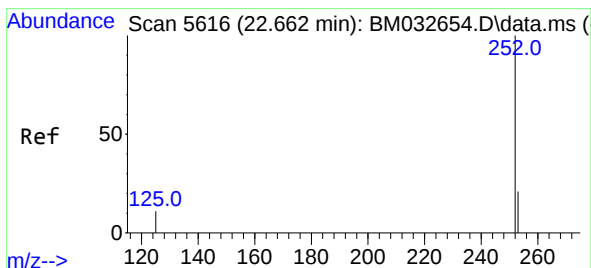
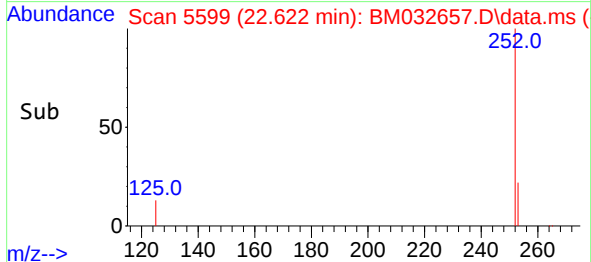
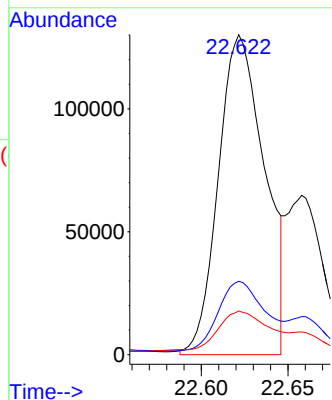
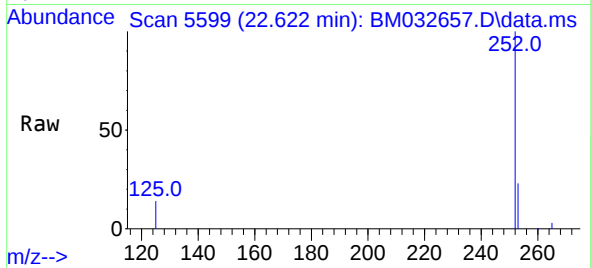
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Benzo(b)fluoranthene
Concen: 2.90 ng/ul m
RT: 22.622 min Scan# 5599
Delta R.T. -0.005 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:252 Resp: 241007
Ion Ratio Lower Upper
252 100
253 22.9 0.0 53.8
125 13.7 0.0 35.6

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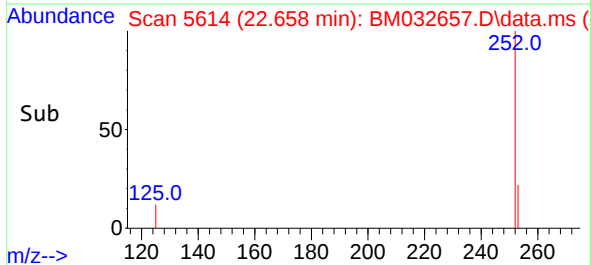
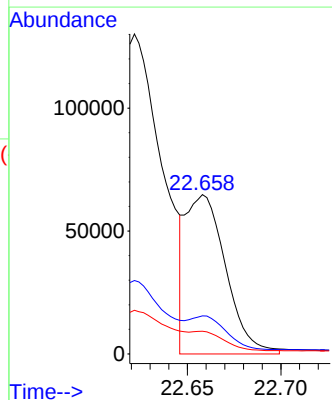
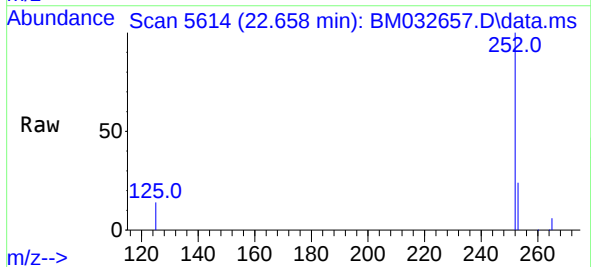
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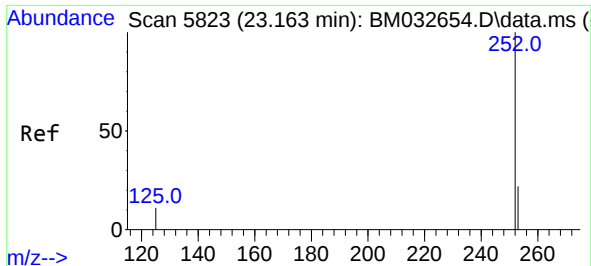
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#25
Benzo(k)fluoranthene
Concen: 1.17 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.007 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:252 Resp: 96826
Ion Ratio Lower Upper
252 100
253 23.9 21.8 32.6
125 14.2 14.4 21.6#





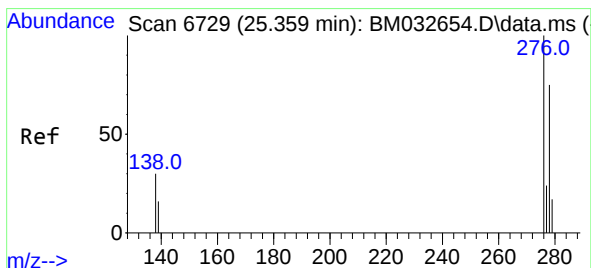
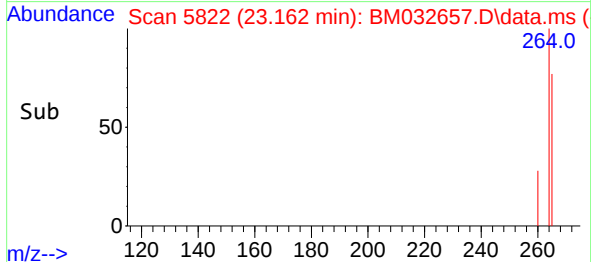
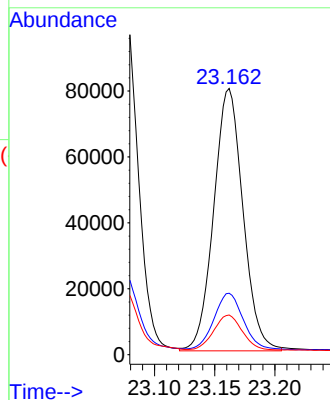
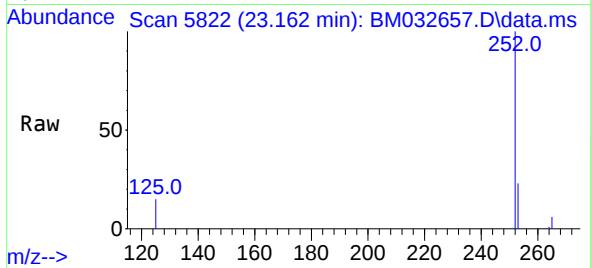
#26
Benzo(a)pyrene
Concen: 1.93 ng/ul m
RT: 23.162 min Scan# 5822
Delta R.T. -0.007 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:252 Resp: 134783
Ion Ratio Lower Upper
252 100
253 23.1 23.6 35.4#
125 14.9 17.1 25.7#

Instrument :
BNA_M
ClientSampleId :
C0AY7DL

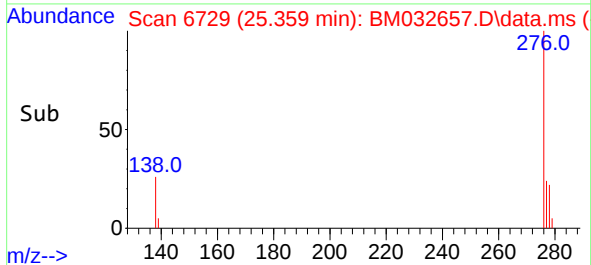
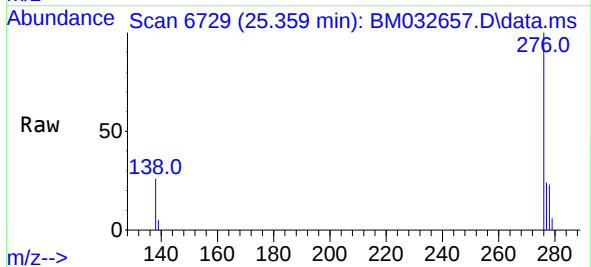
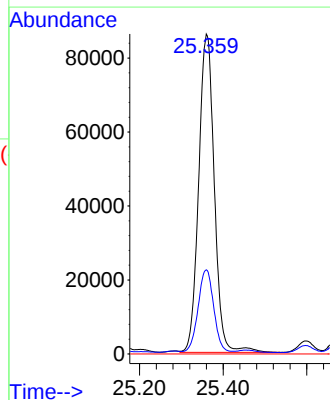
Manual Integrations
APPROVED

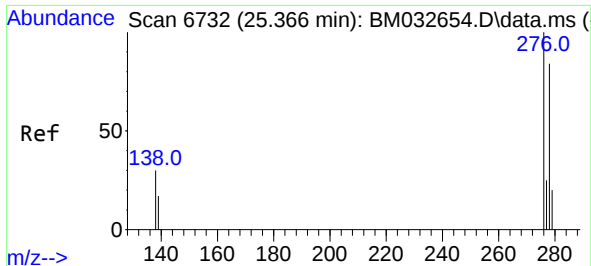
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#27
Indeno(1,2,3-cd)pyrene
Concen: 2.63 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.012 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:276 Resp: 223843
Ion Ratio Lower Upper
276 100
138 26.1 24.9 37.3
227 0.0 0.0 0.0





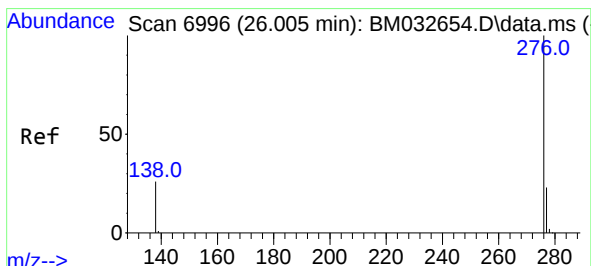
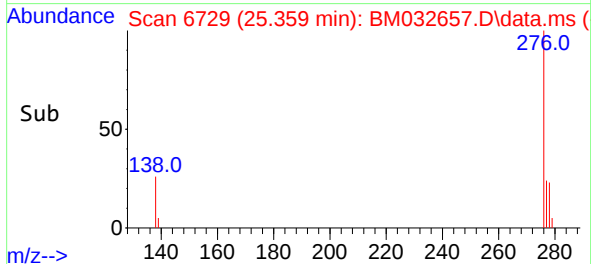
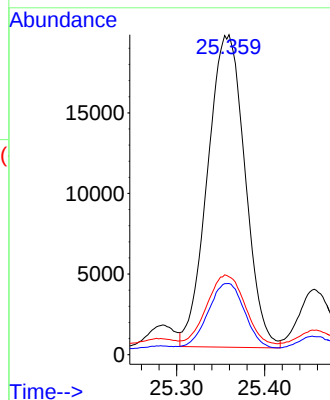
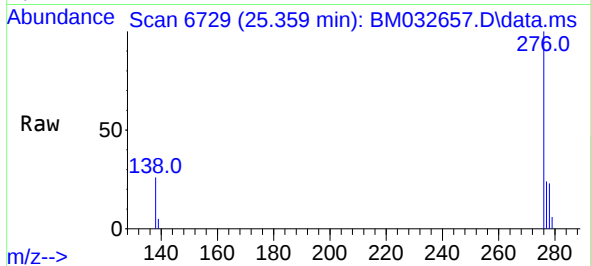
#28
Dibenzo(a,h)anthracene
Concen: 0.85 ng/ul
RT: 25.359 min Scan# 6729
Delta R.T. -0.017 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:278 Resp: 57296
Ion Ratio Lower Upper
278 100
139 22.2 18.6 28.0
279 24.4 22.0 33.0

Instrument :
BNA_M
ClientSampleID :
C0AY7DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 3.05 ng/ul
RT: 26.006 min Scan# 6996
Delta R.T. -0.012 min
Lab File: BM032657.D
Acq: 21 Oct 2021 15:25

Tgt Ion:276 Resp: 226130
Ion Ratio Lower Upper
276 100
138 26.6 22.6 33.8
277 23.7 19.9 29.9

