

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
 Data File : BM032550.D
 Acq On : 16 Oct 2021 06:34
 Operator : CG/JU
 Sample : M4029-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00R8

Manual Integrations
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Quant Time: Oct 18 05:27:48 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 : Fri Oct 15 12:37:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6702	0.40	ng/ul	0.00
4) Naphthalene-d8	10.339	136	21670	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.209	164	12085	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.946	188	24172	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.123	240	18233	0.40	ng/ul	-0.01
23) Perylene-d12	23.257	264	14503	0.40	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.917	96	33758	4.49	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.936	152	8451	0.29	ng/ul	0.00
18) Fluoranthene-d10	18.970	212	21296	0.37	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.384	128	26535	0.40	ng/ul	99
7) 2-Methylnaphthalene	12.008	142	8389	0.20	ng/ul	99
8) 1-Methylnaphthalene	12.233	142	4250	0.10	ng/ul	100
10) Acenaphthylene	13.928	152	24683	0.48	ng/ul	99
11) Acenaphthene	14.274	153	2742	0.06	ng/ul	99
12) Fluorene	15.260	166	8631	0.16	ng/ul#	98
14) Pentachlorophenol	16.620	266	139	0.02	ng/ul	92
15) Phenanthrene	16.988	178	128133	1.58	ng/ul	99
16) Anthracene	17.078	178	31788	0.45	ng/ul	99
19) Fluoranthene	19.000	202	362430	4.02	ng/ul	99
20) Pyrene	19.366	202	289766	3.12	ng/ul	99
21) Benzo(a)anthracene	21.106	228	160433	2.25	ng/ul	99
22) Chrysene	21.157	228	152551	1.95	ng/ul	98
24) Benzo(b)fluoranthene	22.624	252	174024m	2.60	ng/ul	
25) Benzo(k)fluoranthene	22.658	252	68577m	1.03	ng/ul	
26) Benzo(a)pyrene	23.165	252	106116m	1.89	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.355	276	57644	0.84	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.355	278	15677	0.29	ng/ul	97
29) Benzo(g,h,i)perylene	26.002	276	44926	0.75	ng/ul	99

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

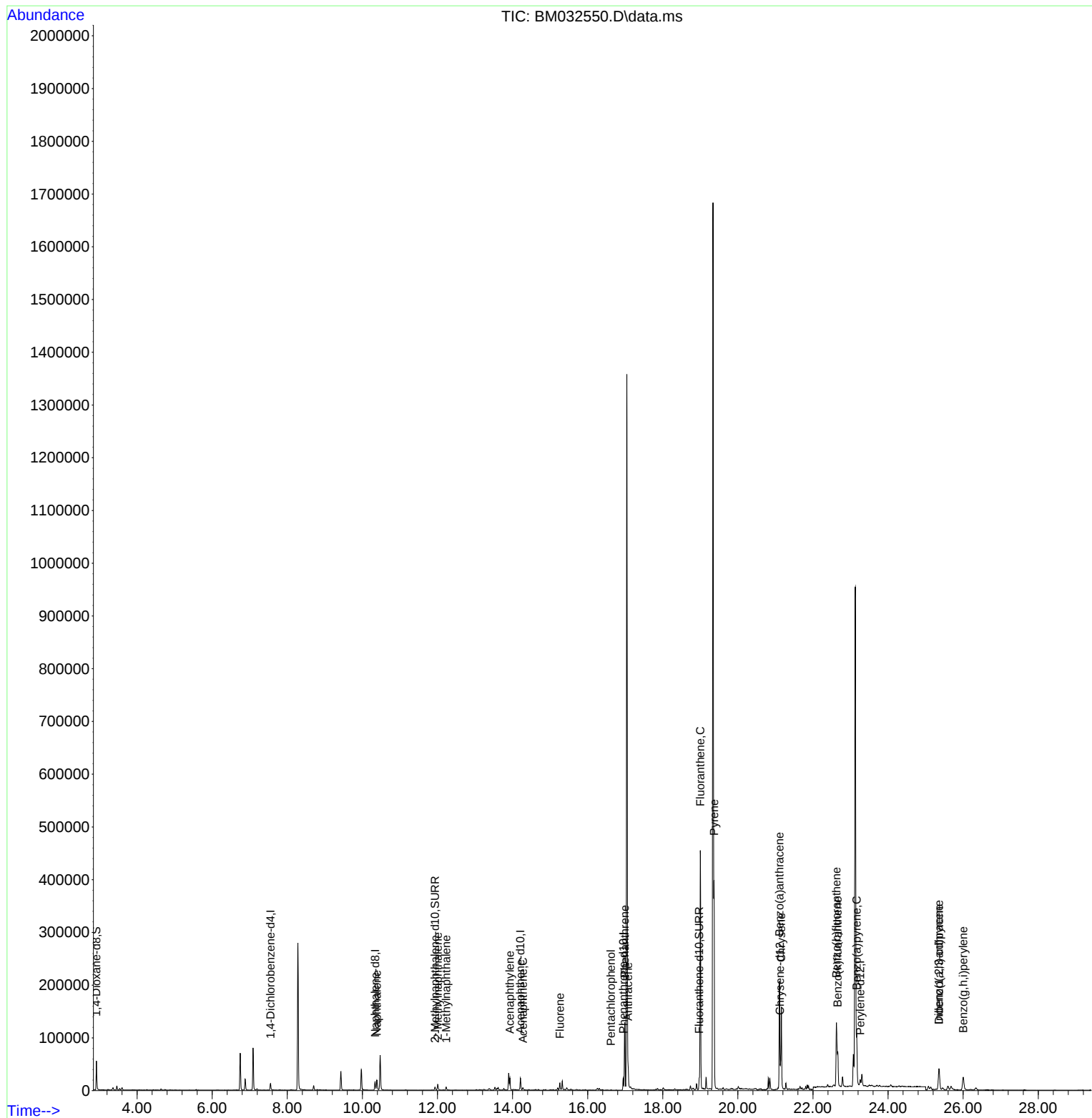
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101521\
Data File : BM032550.D
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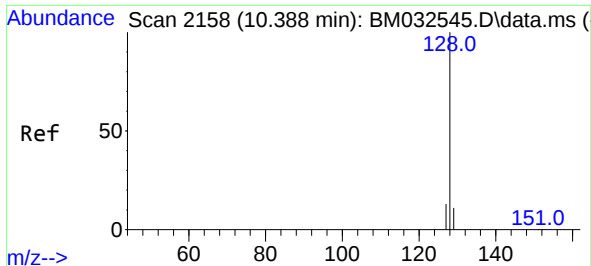
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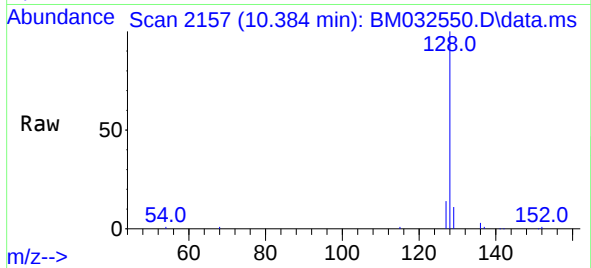
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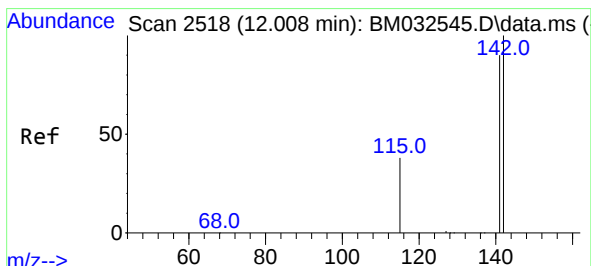
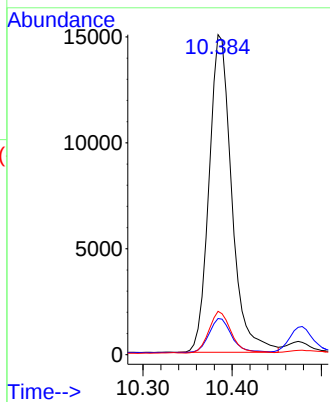
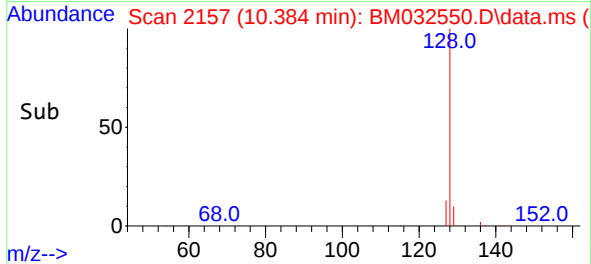




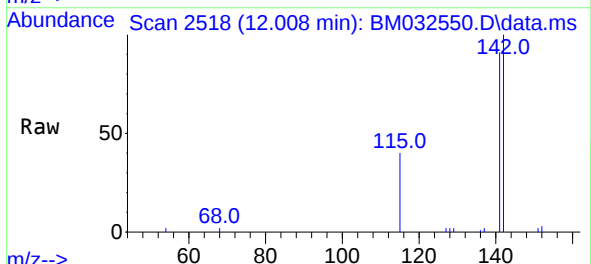
#5
Naphthalene
Concen: 0.40 ng/ul
RT: 10.384 min Scan# 2157
Delta R.T. -0.009 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



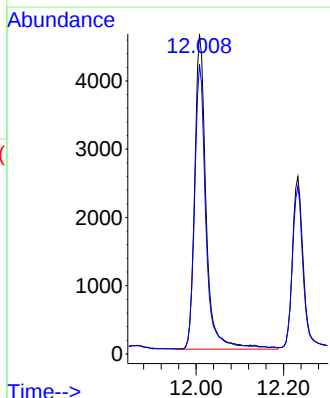
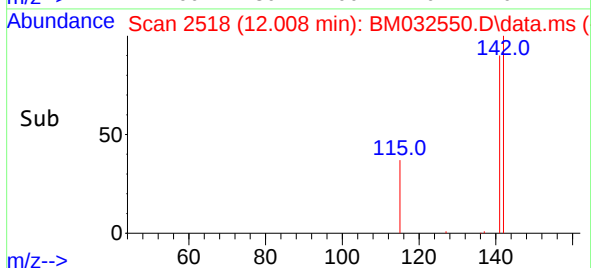
Tgt Ion:128 Resp: 26535
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.6 11.1 16.7



#7
2-Methylnaphthalene
Concen: 0.20 ng/ul
RT: 12.008 min Scan# 2518
Delta R.T. -0.004 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



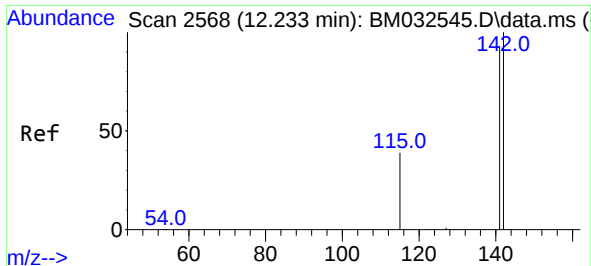
Tgt Ion:142 Resp: 8389
Ion Ratio Lower Upper
142 100
141 89.5 72.2 108.2



Instrument :
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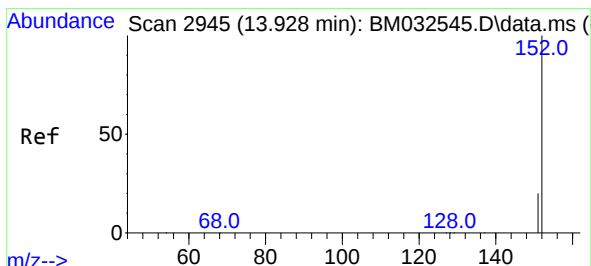
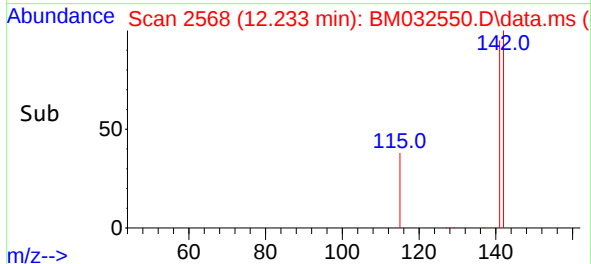
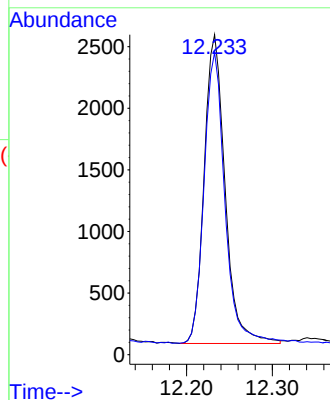
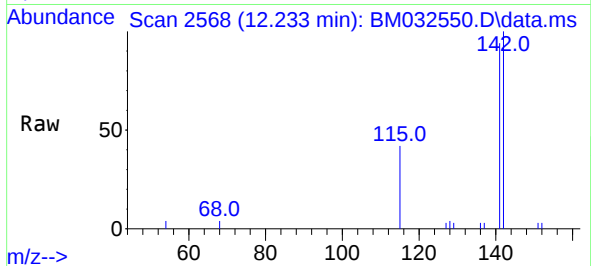
#8
1-Methylnaphthalene
Concen: 0.10 ng/ul
RT: 12.233 min Scan# 2568
Delta R.T. -0.004 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion:142 Resp: 4250
Ion Ratio Lower Upper
142 100
141 93.6 74.9 112.3

Instrument :
BNA_M
ClientSampled :
C00R8

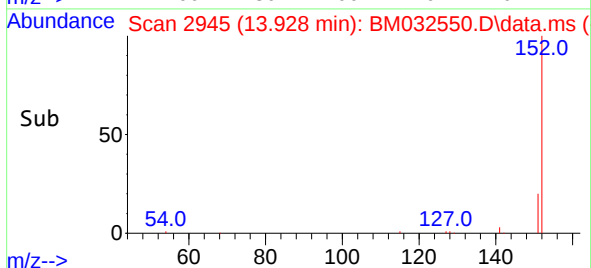
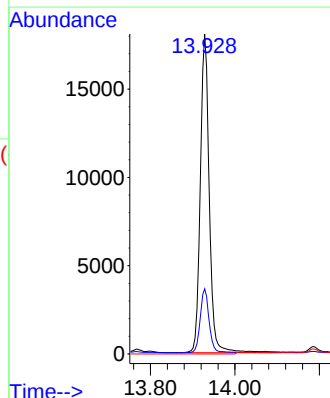
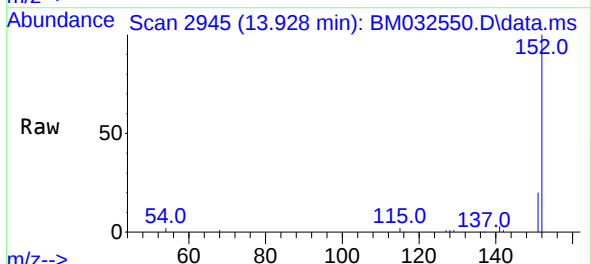
Manual Integrations
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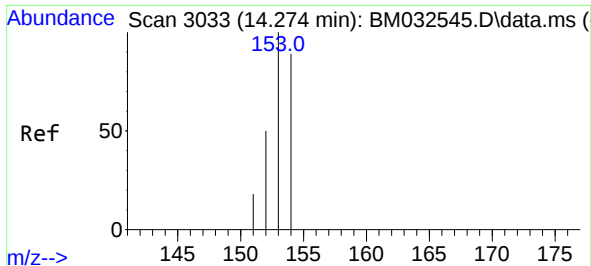
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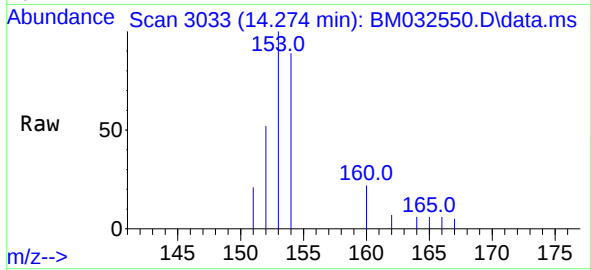
#10
Acenaphthylene
Concen: 0.48 ng/ul
RT: 13.928 min Scan# 2945
Delta R.T. -0.004 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion:152 Resp: 24683
Ion Ratio Lower Upper
152 100
151 20.3 16.7 25.1
153 0.0 0.0 0.0

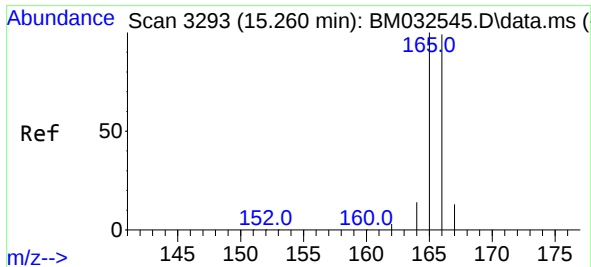
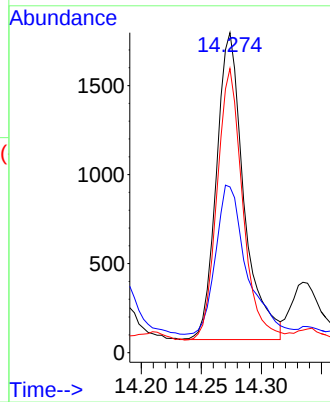
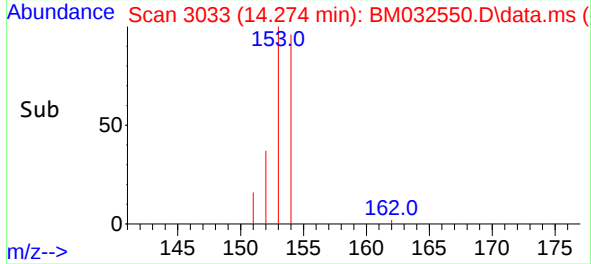




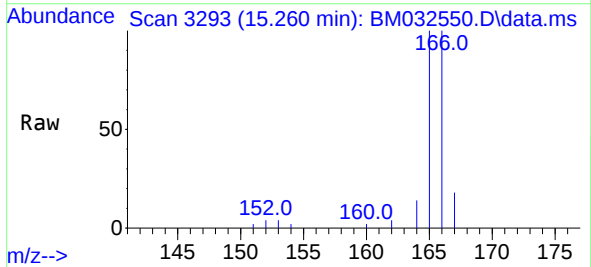
#11
Acenaphthene
Concen: 0.06 ng/u1
RT: 14.274 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



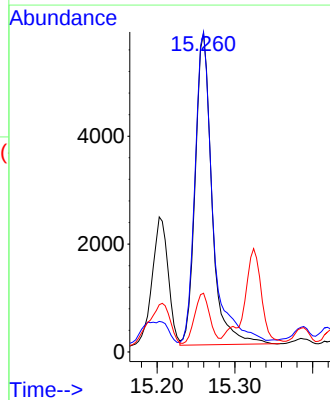
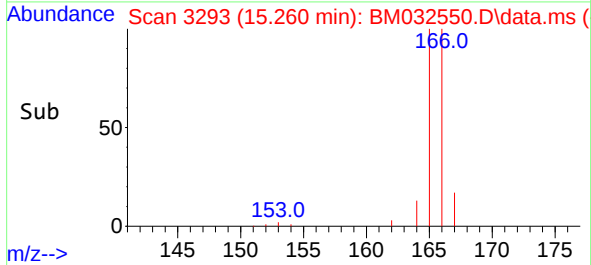
Tgt Ion:153 Resp: 2742
Ion Ratio Lower Upper
153 100
152 51.8 40.4 60.6
154 88.8 70.8 106.2



#12
Fluorene
Concen: 0.16 ng/u1
RT: 15.260 min Scan# 3293
Delta R.T. -0.004 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



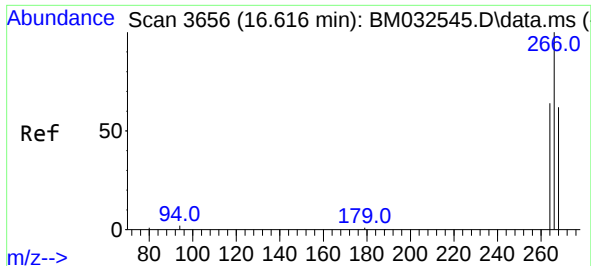
Tgt Ion:166 Resp: 8631
Ion Ratio Lower Upper
166 100
165 100.5 80.7 121.1
167 18.5 11.2 16.8#



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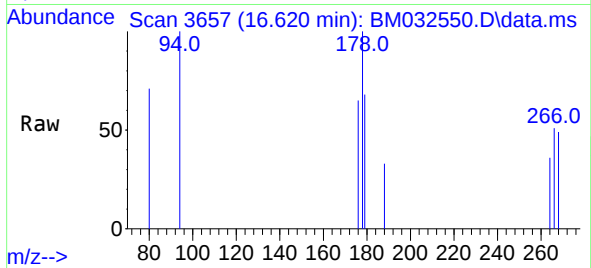
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#14
 Pentachlorophenol
 Concen: 0.02 ng/ul
 RT: 16.620 min Scan# 3657
 Delta R.T. -0.003 min
 Lab File: BM032550.D
 Acq: 16 Oct 2021 06:34

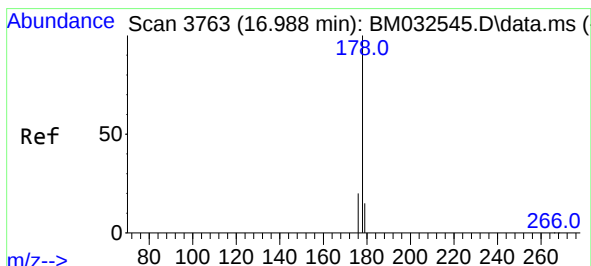
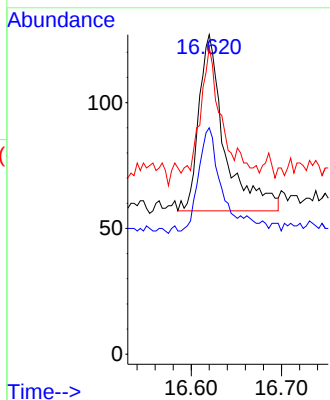
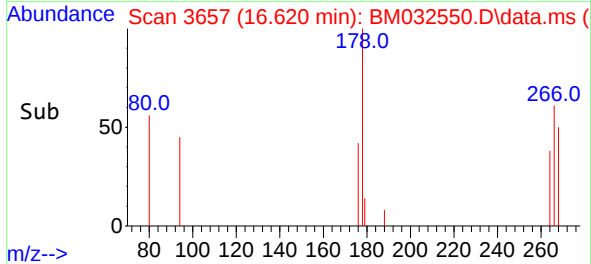
Instrument :
 BNA_M
 ClientSampled :
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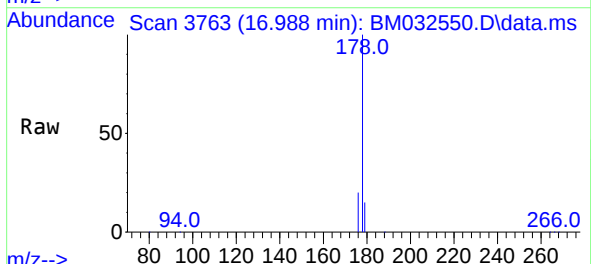
Tgt Ion:266 Resp: 139
 Ion Ratio Lower Upper
 266 100
 264 55.4 50.8 76.2
 268 67.6 50.2 75.2

Manual Integrations
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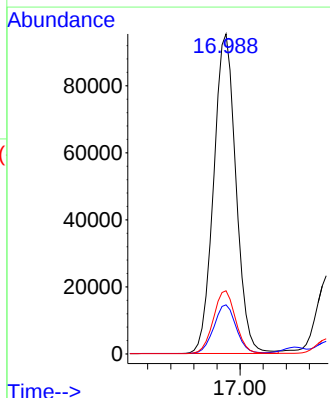
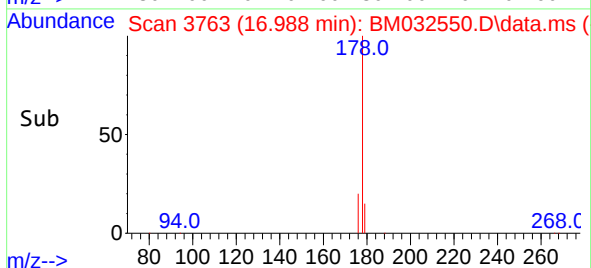
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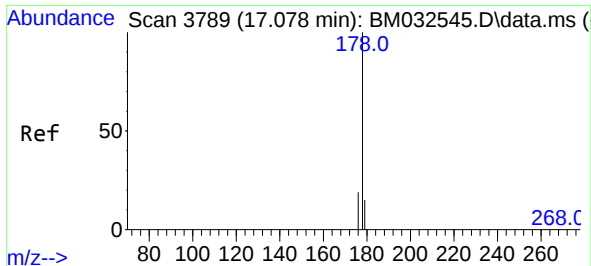


#15
 Phenanthrene
 Concen: 1.58 ng/ul
 RT: 16.988 min Scan# 3763
 Delta R.T. -0.007 min
 Lab File: BM032550.D
 Acq: 16 Oct 2021 06:34



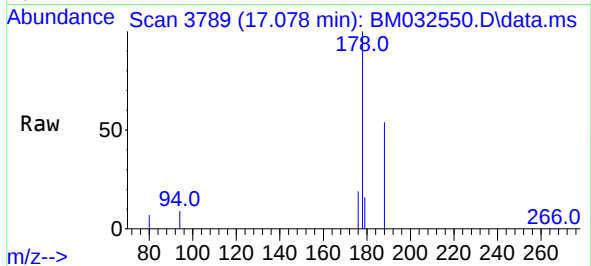
Tgt Ion:178 Resp: 128133
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.9 19.3
 176 19.7 16.1 24.1





#16
 Anthracene
 Concen: 0.45 ng/ul
 RT: 17.078 min Scan# 3789
 Delta R.T. -0.007 min
 Lab File: BM032550.D
 Acq: 16 Oct 2021 06:34

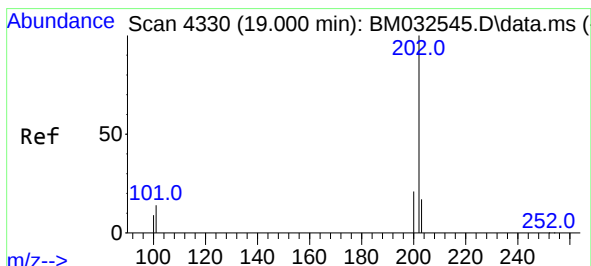
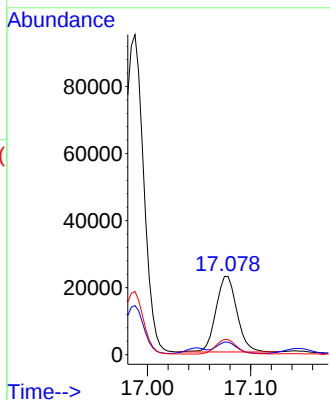
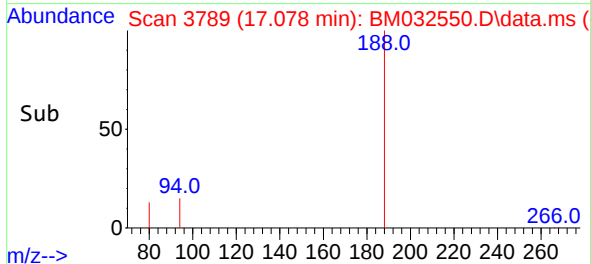
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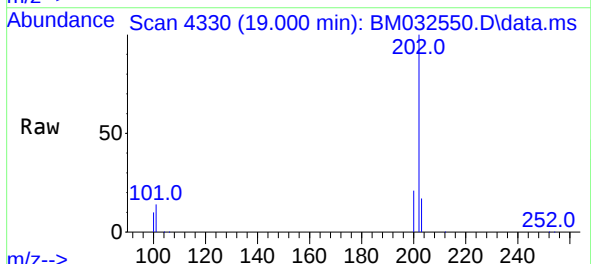
Tgt Ion:	178	Resp:	31788
Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.2	15.8	23.6

Manual Integrations
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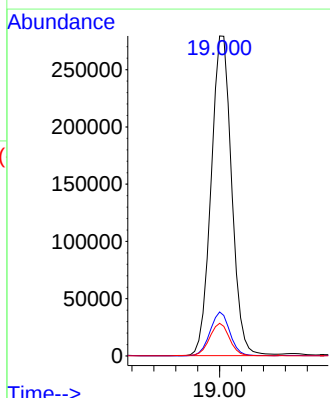
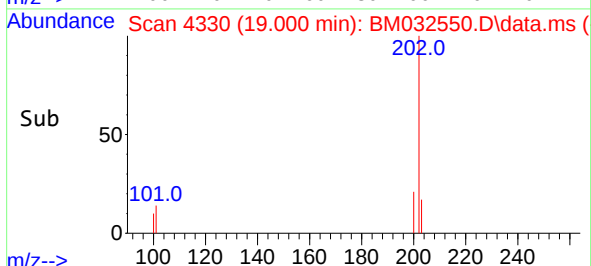
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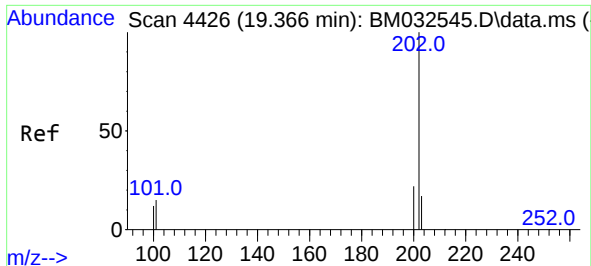


#19
 Fluoranthene
 Concen: 4.02 ng/ul
 RT: 19.000 min Scan# 4330
 Delta R.T. -0.011 min
 Lab File: BM032550.D
 Acq: 16 Oct 2021 06:34

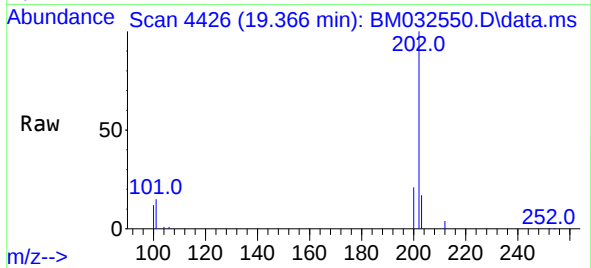


Tgt Ion:	202	Resp:	362430
Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
100	10.2	7.8	11.8



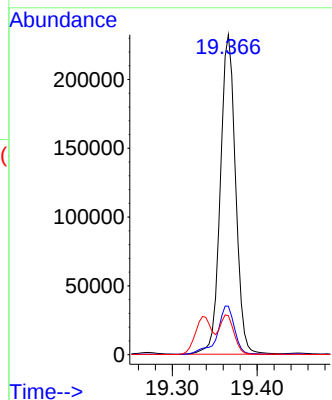


#20
Pyrene
Concen: 3.12 ng/ul
RT: 19.366 min Scan# 4426
Delta R.T. -0.007 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



Tgt Ion:202 Resp: 289766

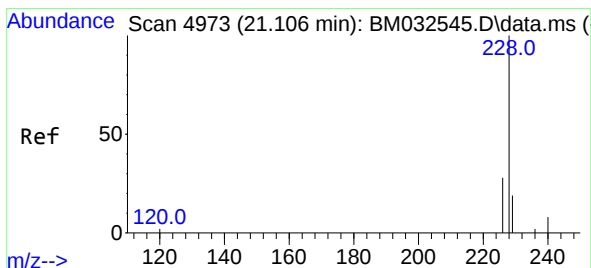
Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.3	18.5
100	12.2	10.1	15.1



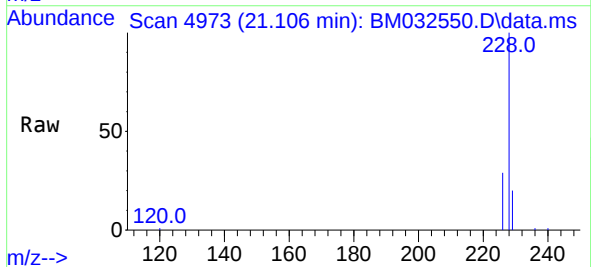
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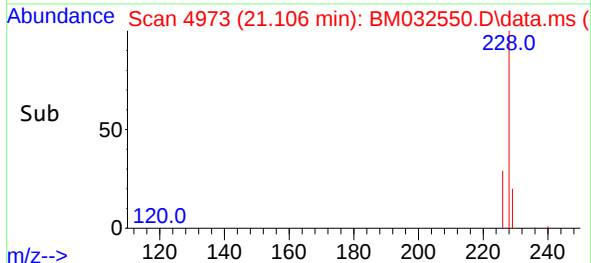
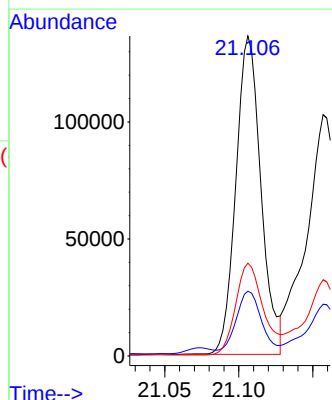


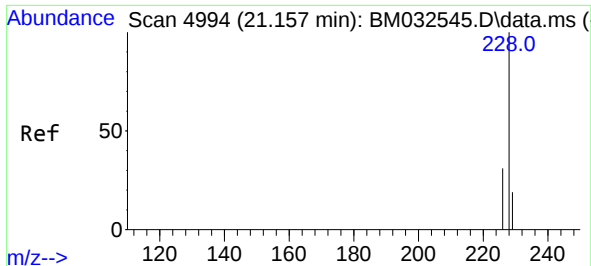
#21
Benzo(a)anthracene
Concen: 2.25 ng/ul
RT: 21.106 min Scan# 4973
Delta R.T. -0.014 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



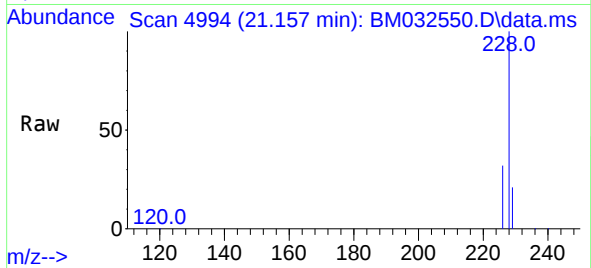
Tgt Ion:228 Resp: 160433

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	29.0	22.4	33.6

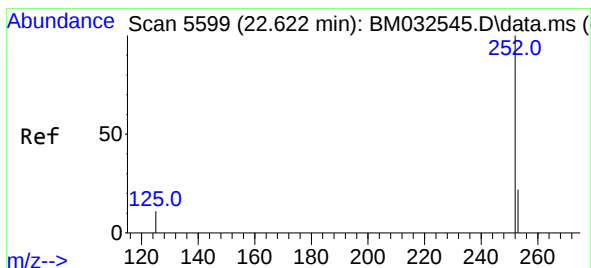
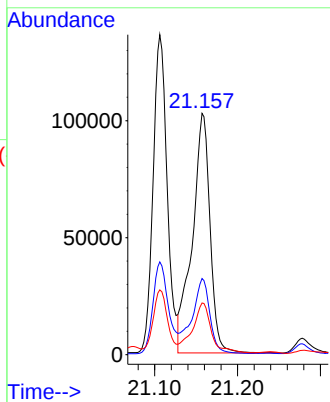
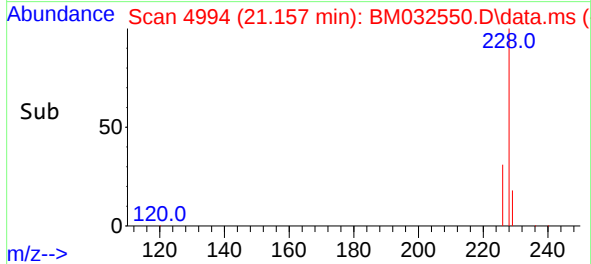




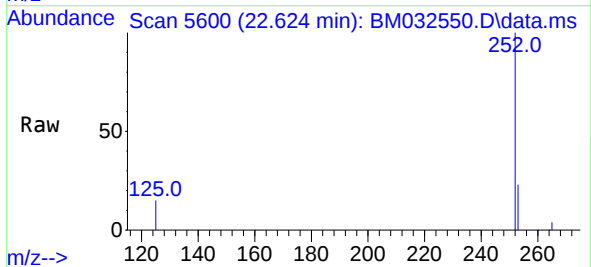
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Chrysene
Concen: 1.95 ng/u1
RT: 21.157 min Scan# 4994
Delta R.T. -0.014 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



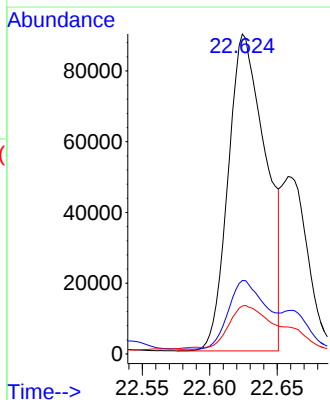
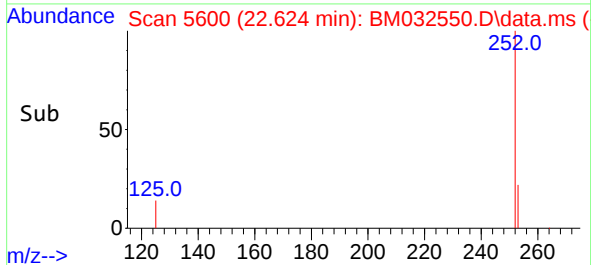
Tgt Ion:228 Resp: 152551
Ion Ratio Lower Upper
228 100
226 31.6 25.1 37.7
229 21.4 15.7 23.5



#24
Benzo(b)fluoranthene
Concen: 2.60 ng/u1 m
RT: 22.624 min Scan# 5600
Delta R.T. -0.019 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34



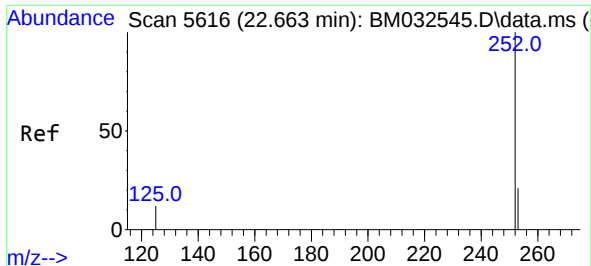
Tgt Ion:252 Resp: 174024
Ion Ratio Lower Upper
252 100
253 23.0 0.0 53.8
125 15.0 0.0 35.6



Instrument :
BNA_M
ClientSampleId :
C00R8

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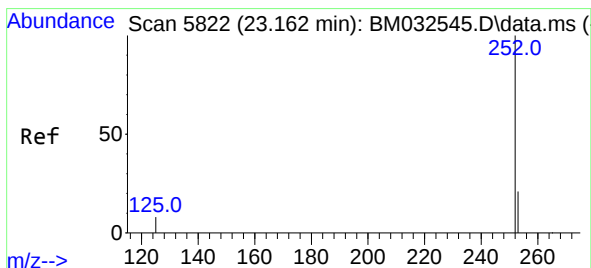
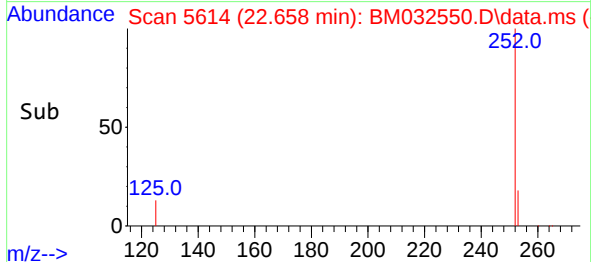
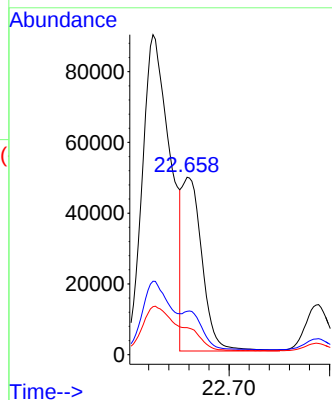
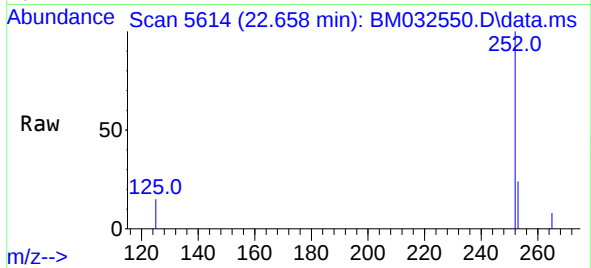
#25
Benzo(k)fluoranthene
Concen: 1.03 ng/ul m
RT: 22.658 min Scan# 5614
Delta R.T. -0.027 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion:252	Resp:	68577
Ion Ratio	Lower	Upper
252	100	
253	24.4	21.8 32.6
125	15.3	14.4 21.6

Instrument :
BNA_M
ClientSampled :
C00R8

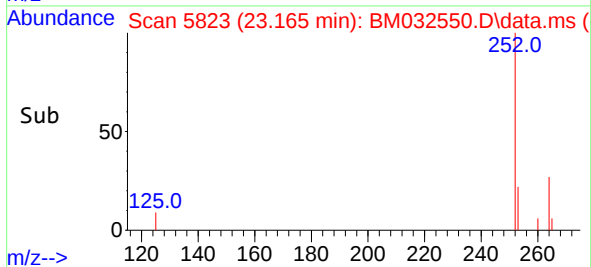
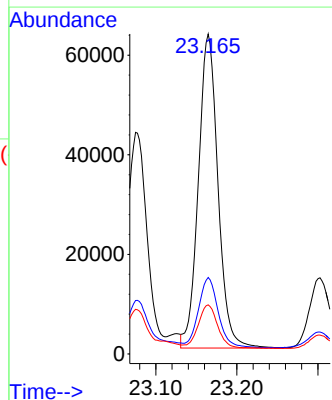
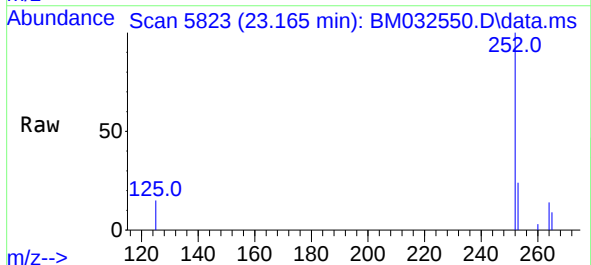
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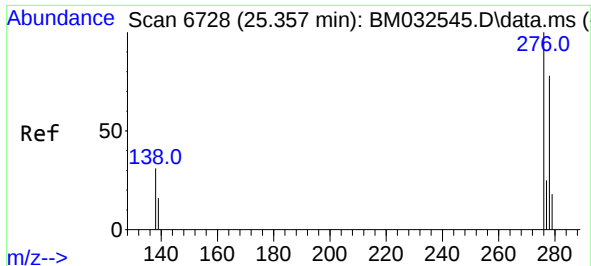
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#26
Benzo(a)pyrene
Concen: 1.89 ng/ul m
RT: 23.165 min Scan# 5823
Delta R.T. -0.019 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion:252	Resp:	106116
Ion Ratio	Lower	Upper
252	100	
253	23.9	23.6 35.4
125	15.4	17.1 25.7#





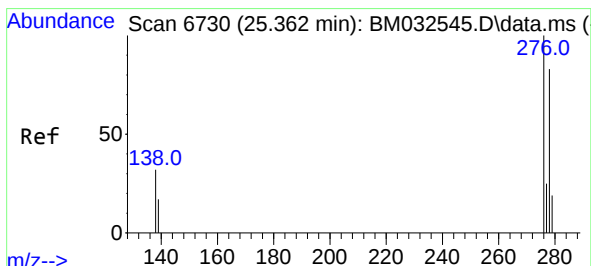
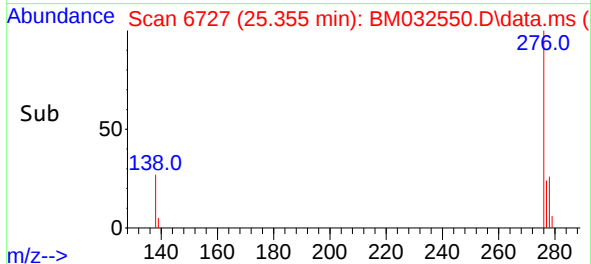
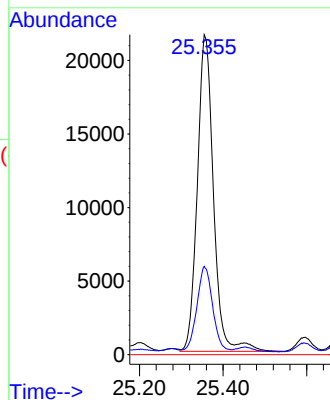
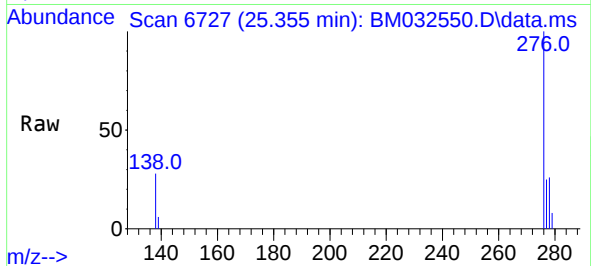
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.84 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.031 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion: 276 Resp: 57644
Ion Ratio Lower Upper
276 100
138 26.0 24.9 37.3
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C00R8

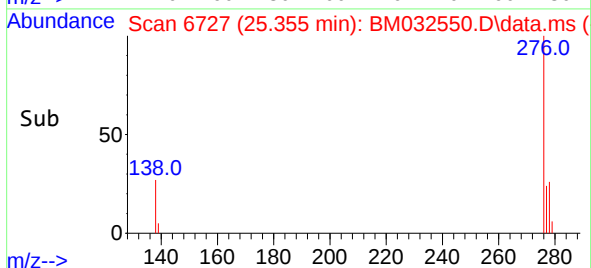
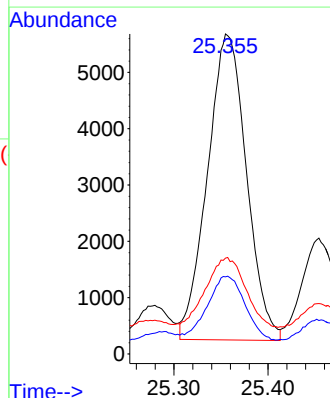
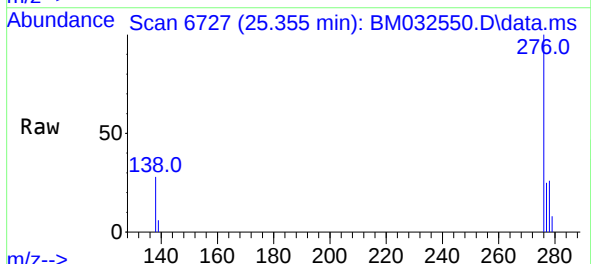
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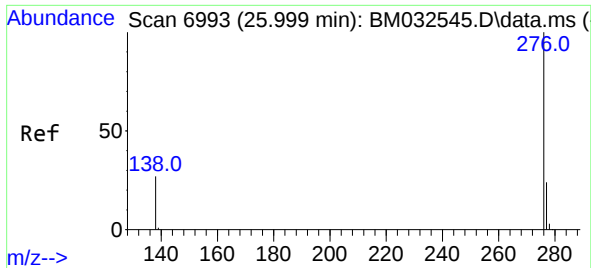
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#28
Dibenzo(a,h)anthracene
Concen: 0.29 ng/ul
RT: 25.355 min Scan# 6727
Delta R.T. -0.039 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion: 278 Resp: 15677
Ion Ratio Lower Upper
278 100
139 24.1 18.6 28.0
279 29.9 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 0.75 ng/ul
RT: 26.002 min Scan# 6994
Delta R.T. -0.029 min
Lab File: BM032550.D
Acq: 16 Oct 2021 06:34

Tgt Ion:	276	Resp:	44926
Ion Ratio	Lower	Upper	
276	100		
138	27.6	22.6	33.8
277	24.2	19.9	29.9

Instrument :
BNA_M
ClientSampleId :
C00R8

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