

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031552.D
 Acq On : 07 Aug 2021 15:25
 Operator : CG/JU
 Sample : M3124-20DL 5X
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A0DL

Manual Integrations
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Quant Time: Aug 08 04:02:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 18:39:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	1531	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5497	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2976	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.964	188	5667	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4656	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	4656	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	486	0.286	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	161	0.017	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	369	0.024	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	1792	0.109	ng/ul#	91
7) 2-Methylnaphthalene	12.020	142	1358	0.121	ng/ul	100
8) 1-Methylnaphthalene	12.241	142	771	0.070	ng/ul	100
10) Acenaphthylene	13.936	152	2125	0.168	ng/ul	94
11) Acenaphthene	14.281	153	265	0.025	ng/ul#	91
12) Fluorene	15.274	166	557	0.045	ng/ul#	82
15) Phenanthrene	17.006	178	13178	0.732	ng/ul	99
16) Anthracene	17.100	178	2996	0.178	ng/ul	96
19) Fluoranthene	19.028	202	25794	1.297	ng/ul	96
20) Pyrene	19.390	202	21948	1.088	ng/ul	96
21) Benzo(a)anthracene	21.144	228	11683	0.621	ng/ul	95
22) Chrysene	21.195	228	12640	0.650	ng/ul	97
24) Benzo(b)fluoranthene	22.679	252	17093m	0.815	ng/ul	
25) Benzo(k)fluoranthene	22.716	252	5781m	0.267	ng/ul	
26) Benzo(a)pyrene	23.224	252	11006	0.599	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.451	276	7887	0.332	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.458	278	2048	0.107	ng/ul#	63
29) Benzo(g,h,i)perylene	26.105	276	2358	0.116	ng/ul#	76

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

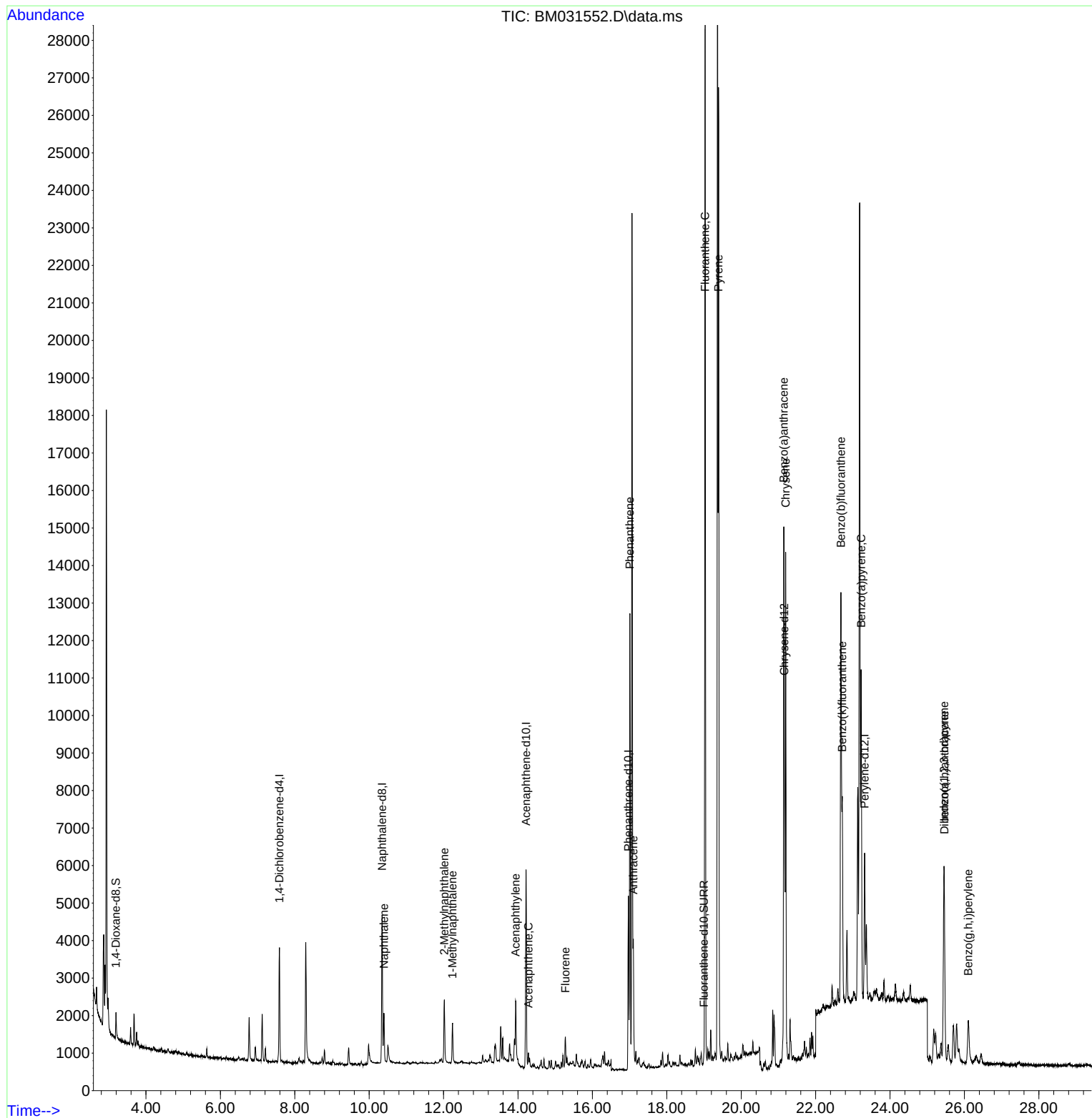
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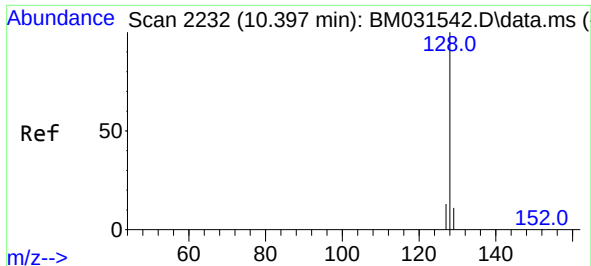
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Quant Time: Aug 08 04:02:01 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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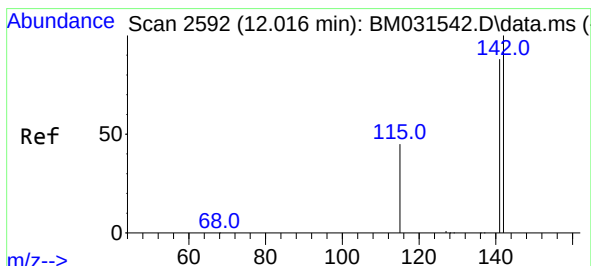
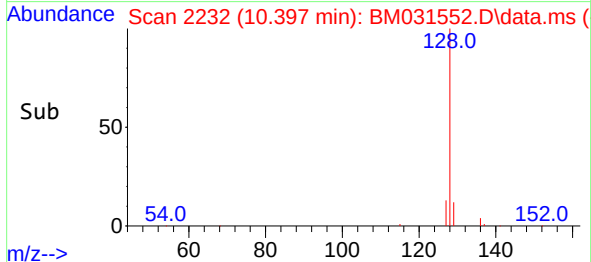
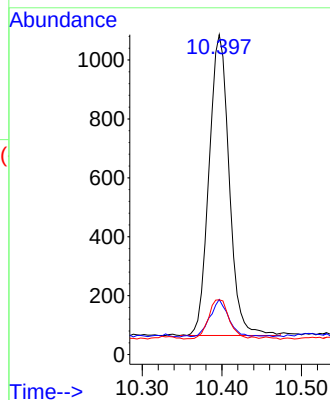
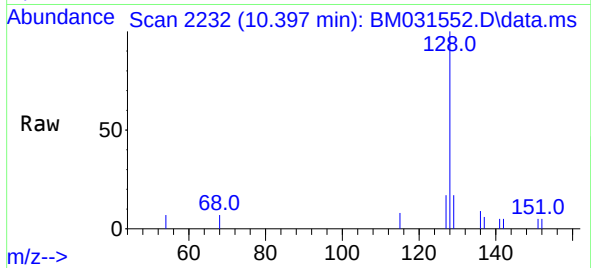
#5
Naphthalene
Concen: 0.109 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	128	Resp:	1792
Ion Ratio	Lower	Upper	
128	100		
129	17.2	10.0	15.0#
127	17.1	11.6	17.4

Instrument :
BNA_M
ClientSampled :
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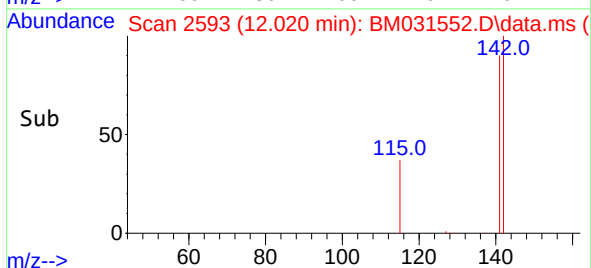
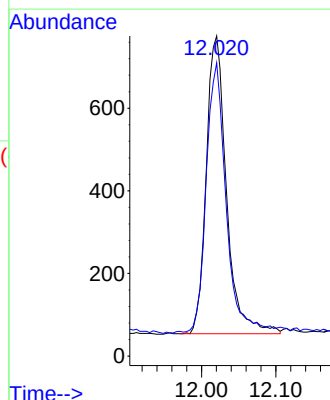
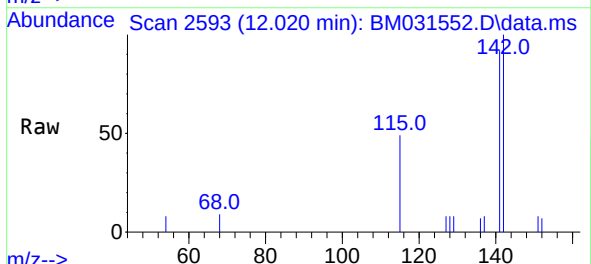
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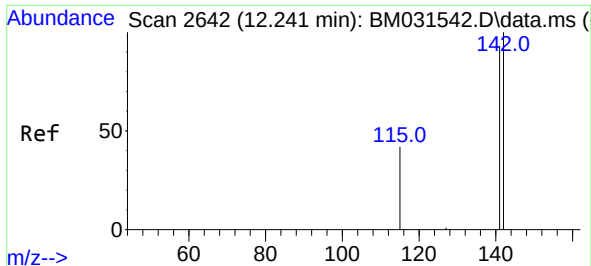
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#7
2-Methylnaphthalene
Concen: 0.121 ng/ul
RT: 12.020 min Scan# 2593
Delta R.T. 0.001 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	142	Resp:	1358
Ion Ratio	Lower	Upper	
142	100		
141	89.3	71.4	107.0





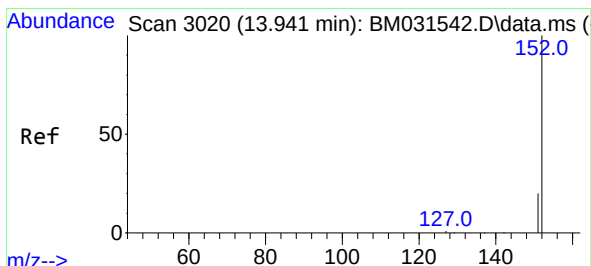
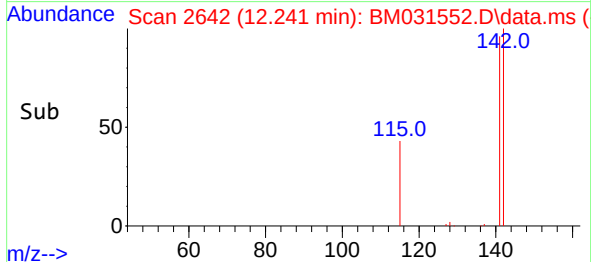
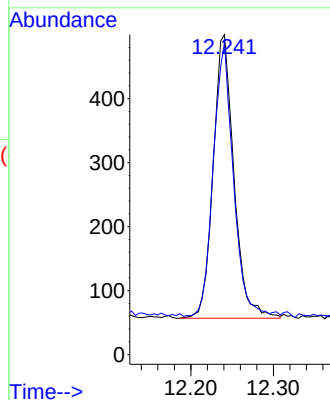
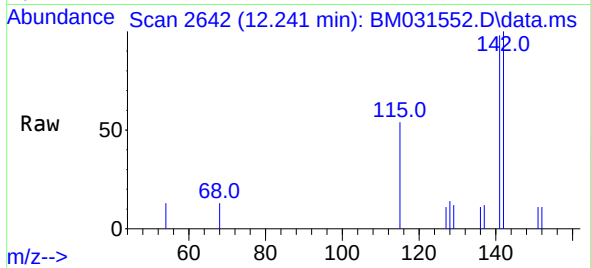
#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.241 min Scan# 2642
Delta R.T. 0.001 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:142 Resp: 771
Ion Ratio Lower Upper
142 100
141 92.5 74.1 111.1

Instrument :
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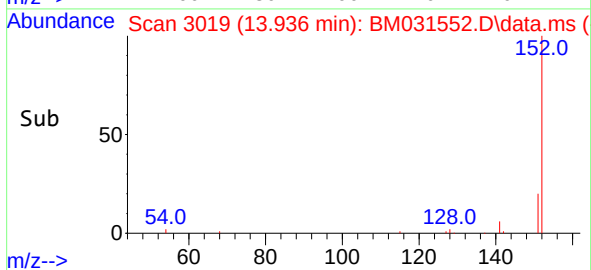
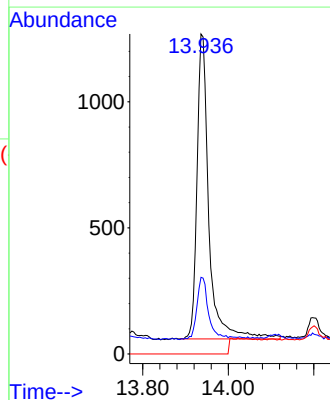
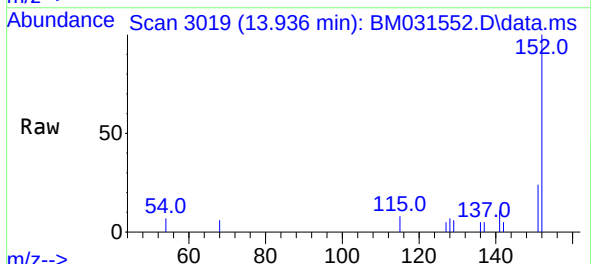
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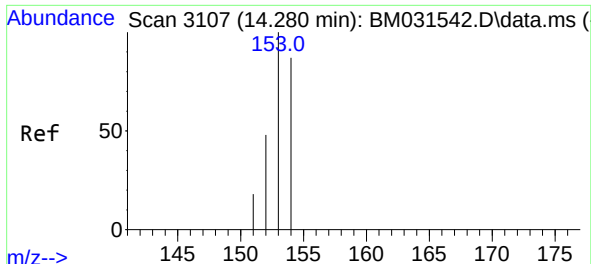
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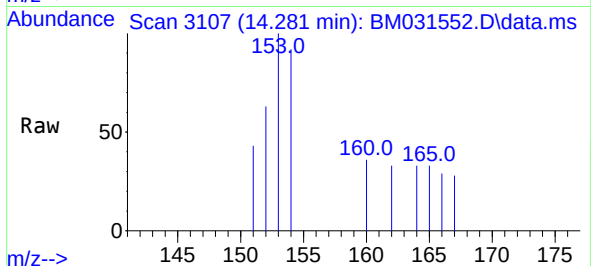
#10
Acenaphthylene
Concen: 0.168 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:152 Resp: 2125
Ion Ratio Lower Upper
152 100
151 24.0 16.9 25.3
153 0.0 0.0 0.0

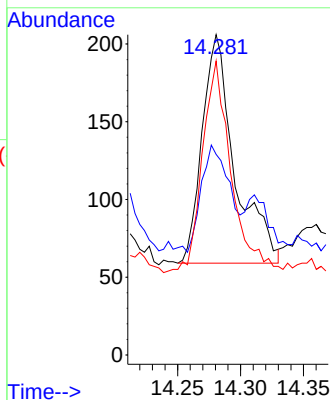
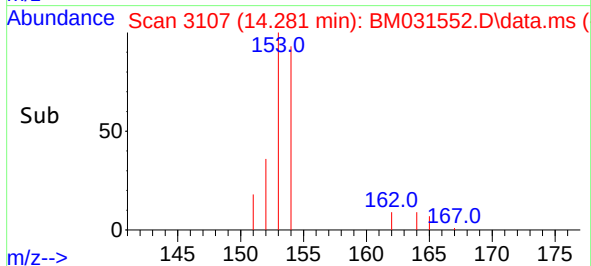




#11
Acenaphthene
Concen: 0.025 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25



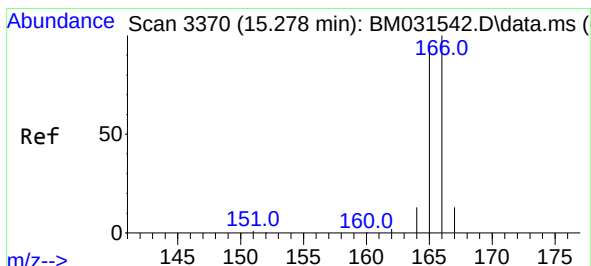
Tgt Ion:153 Resp: 265
Ion Ratio Lower Upper
153 100
152 62.6 40.7 61.1#
154 91.7 70.2 105.2



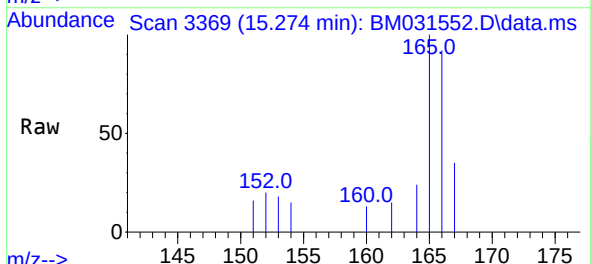
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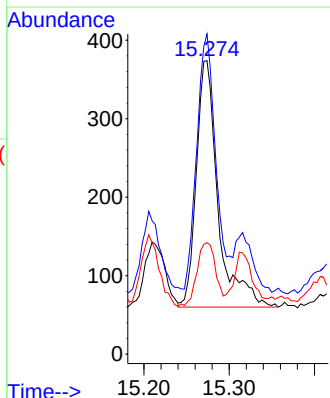
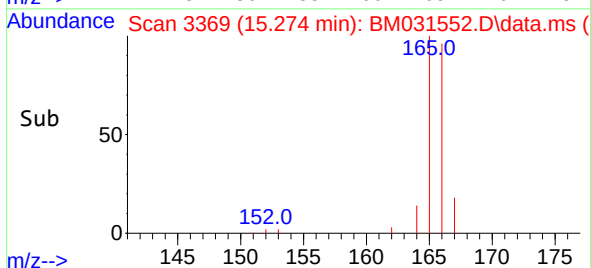
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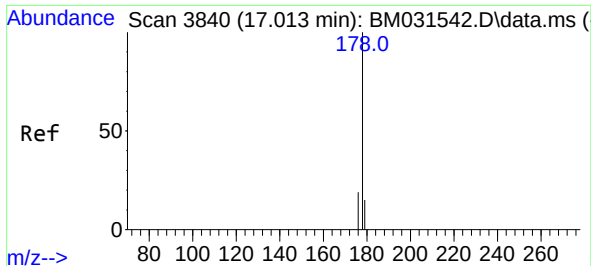


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.274 min Scan# 3369
Delta R.T. 0.000 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

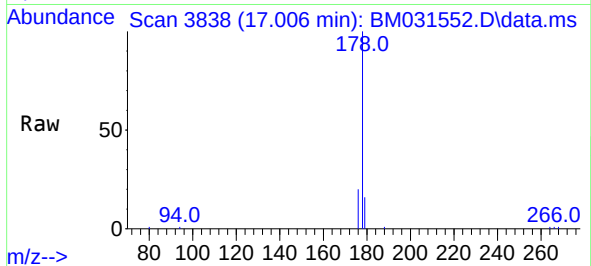


Tgt Ion:166 Resp: 557
Ion Ratio Lower Upper
166 100
165 109.1 78.0 117.0
167 38.0 12.0 18.0#

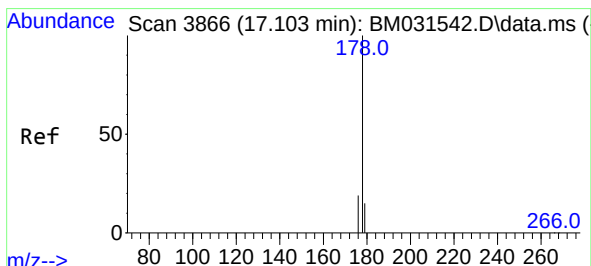
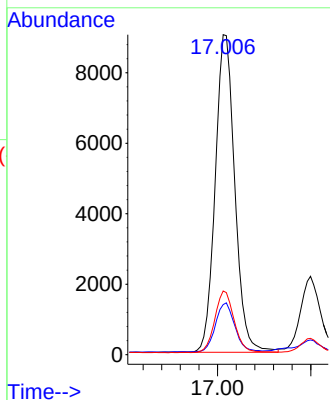
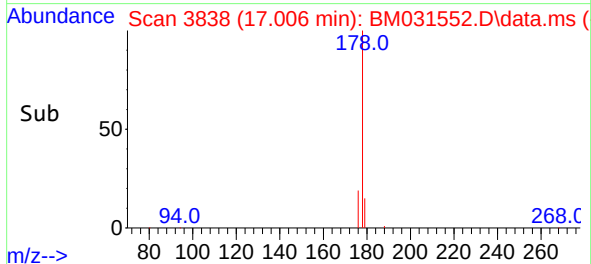




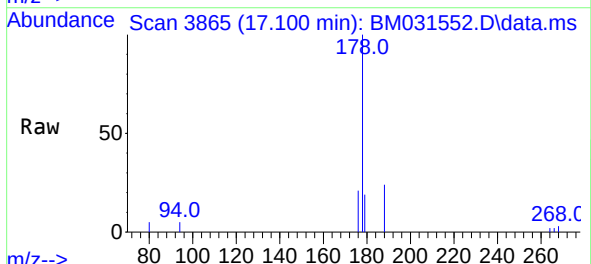
#15
Phenanthrene
Concen: 0.732 ng/u1
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25



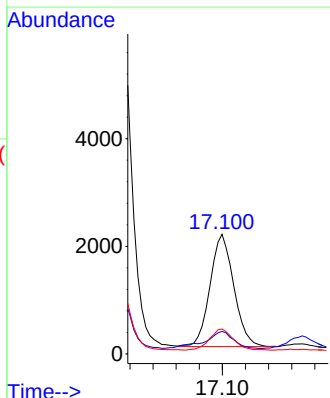
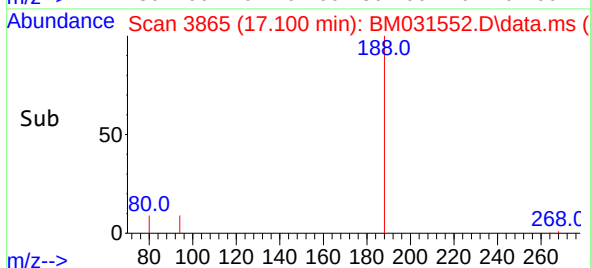
Tgt Ion:178 Resp: 13178
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.178 ng/u1
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25



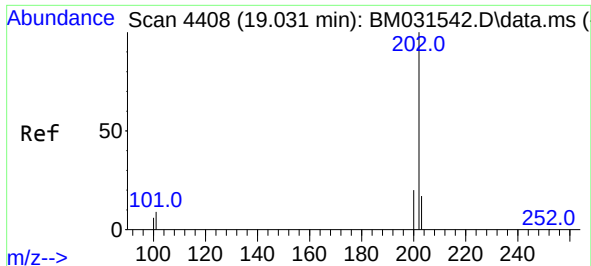
Tgt Ion:178 Resp: 2996
Ion Ratio Lower Upper
178 100
179 18.8 13.0 19.6
176 20.9 15.6 23.4



Instrument :
BNA_M
ClientSampleId :
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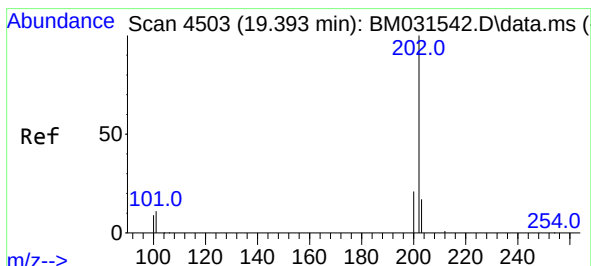
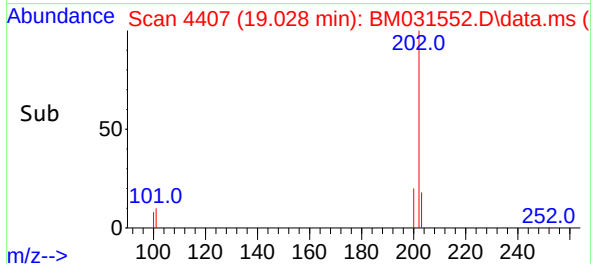
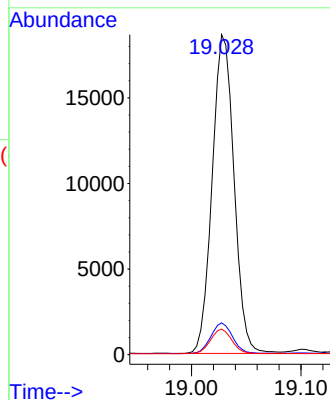
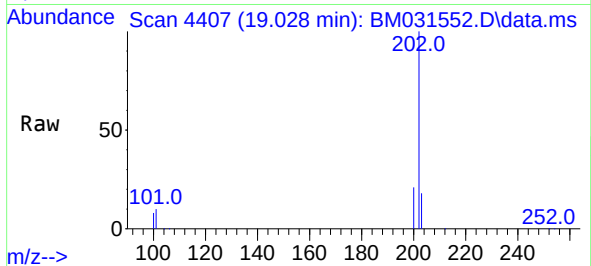
#19
Fluoranthene
Concen: 1.297 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	202	Resp:	25794
Ion Ratio	Lower	Upper	
202	100		
101	10.0	6.6	10.0
100	8.0	5.4	8.0

Instrument :
BNA_M
ClientSampleId :
C00A0DL

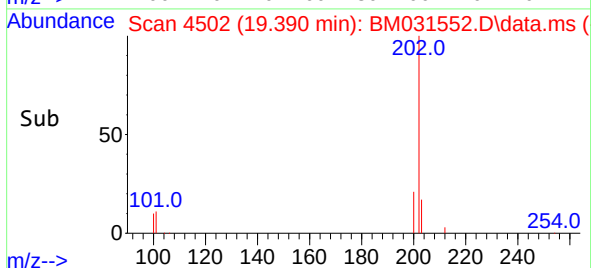
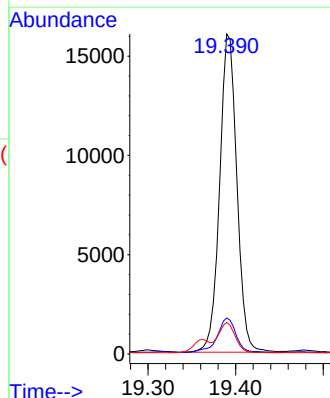
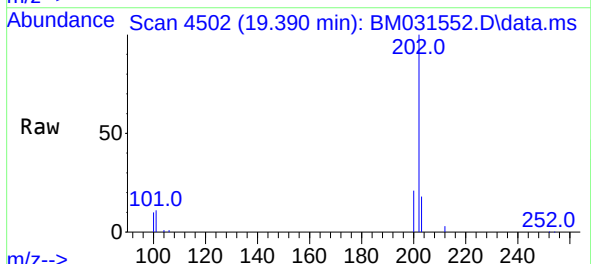
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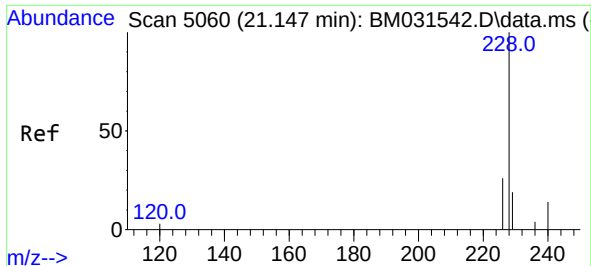
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#20
Pyrene
Concen: 1.088 ng/ul
RT: 19.390 min Scan# 4502
Delta R.T. -0.007 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	202	Resp:	21948
Ion Ratio	Lower	Upper	
202	100		
101	11.2	7.8	11.6
100	9.9	6.6	10.0





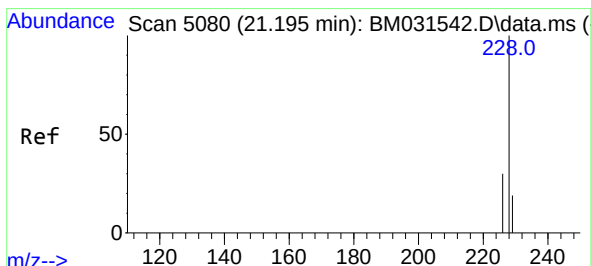
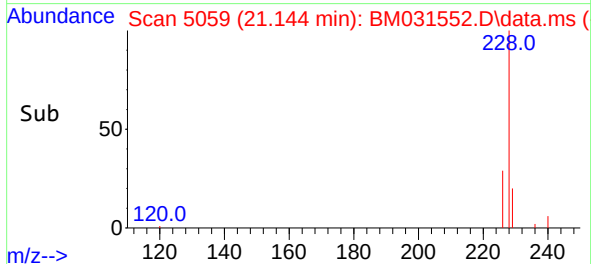
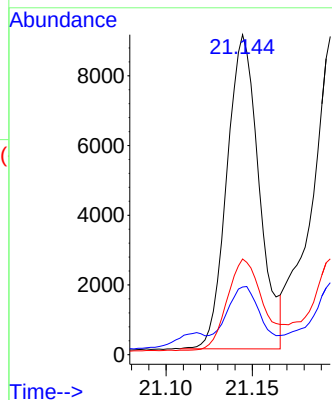
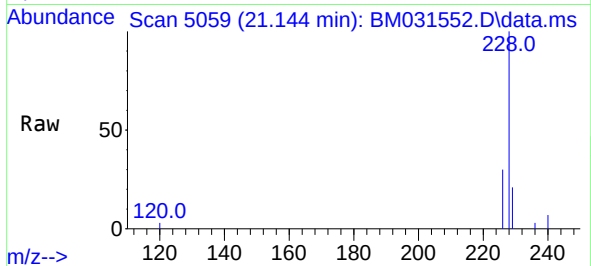
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Benzo(a)anthracene
Concen: 0.621 ng/u1
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	228	Resp:	11683
Ion Ratio	Lower	Upper	
228	100		
229	21.2	15.6	23.4
226	29.9	21.7	32.5

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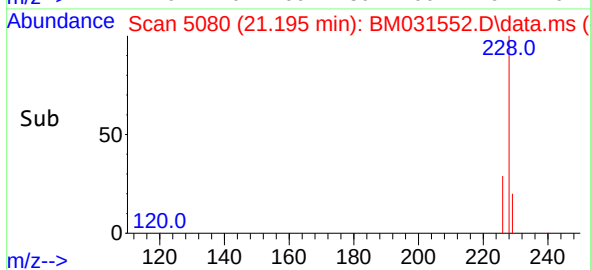
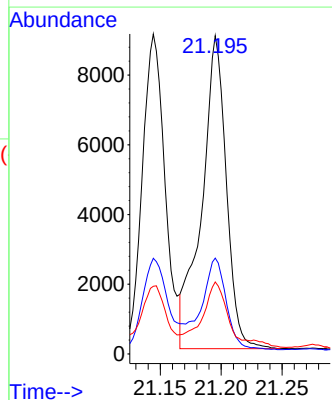
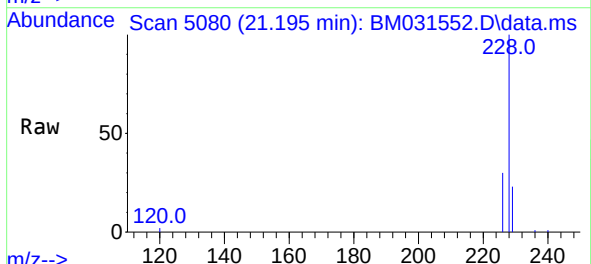
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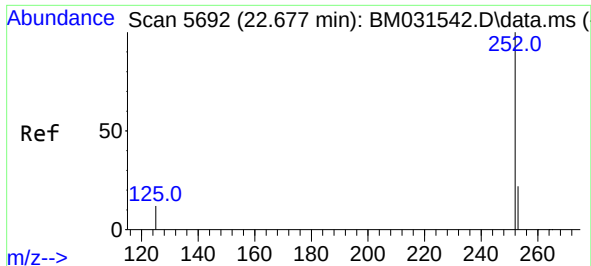
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#22
Chrysene
Concen: 0.650 ng/u1
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	228	Resp:	12640
Ion Ratio	Lower	Upper	
228	100		
226	30.1	24.7	37.1
229	22.6	16.2	24.2





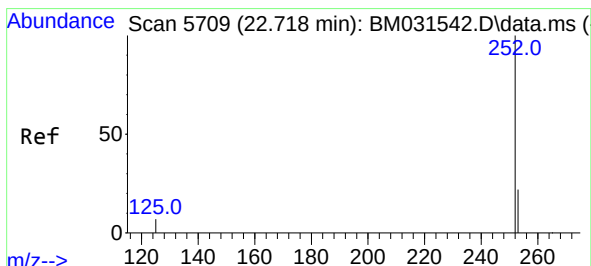
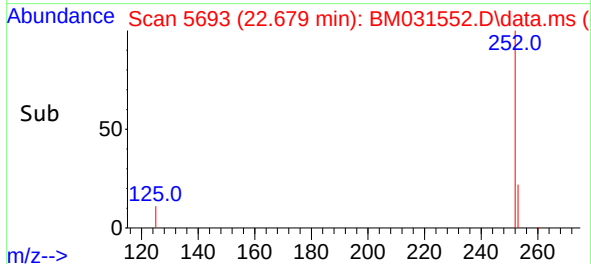
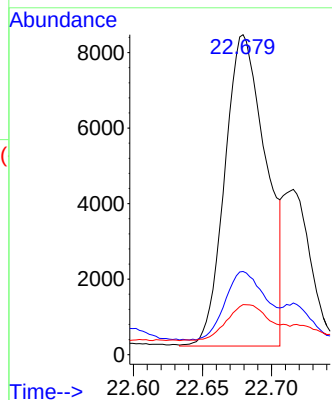
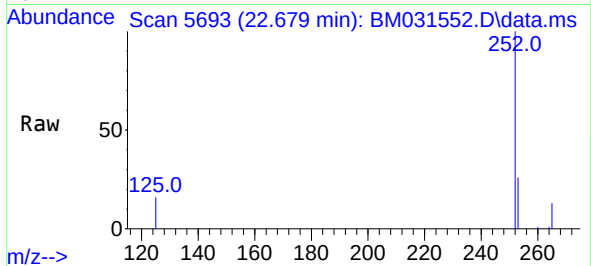
#24
Benzo(b)fluoranthene
Concen: 0.815 ng/ul m
RT: 22.679 min Scan# 5693
Delta R.T. -0.002 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	252	Resp:	17093
Ion Ratio	Lower	Upper	
252	100		
253	26.0	0.0	53.0
125	15.7	0.0	22.8

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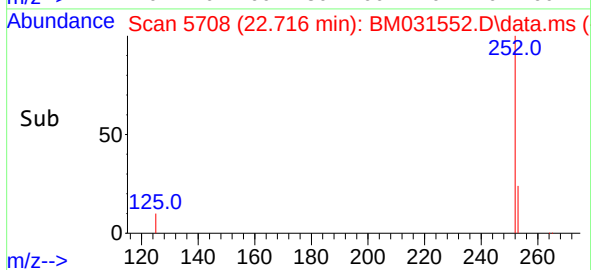
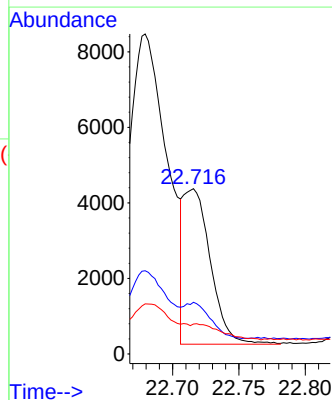
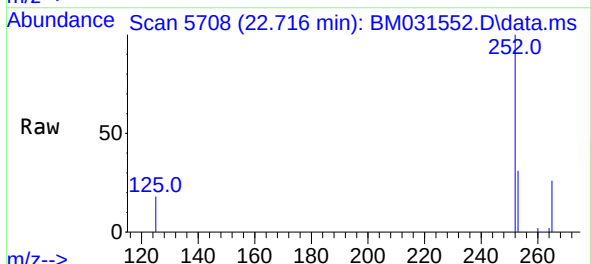
Manual Integrations
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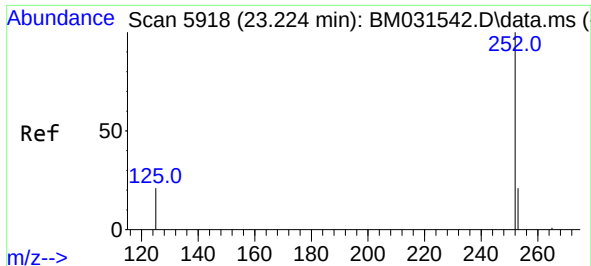
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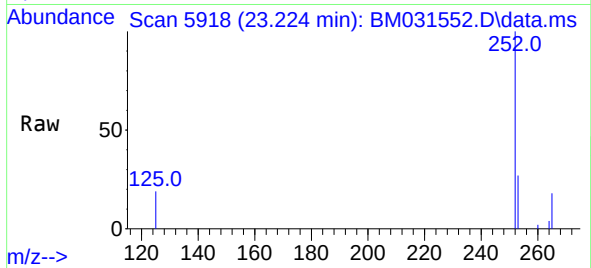
#25
Benzo(k)fluoranthene
Concen: 0.267 ng/ul m
RT: 22.716 min Scan# 5708
Delta R.T. -0.007 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	252	Resp:	5781
Ion Ratio	Lower	Upper	
252	100		
253	31.3	21.3	31.9
125	18.1	8.8	13.2#

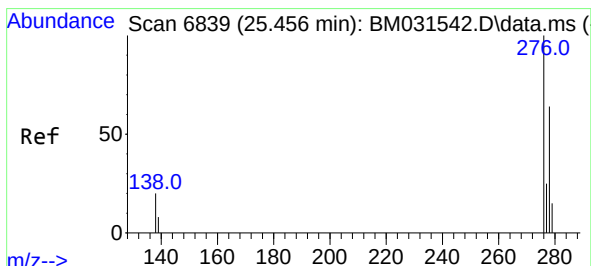
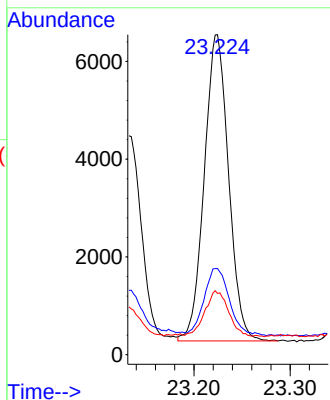
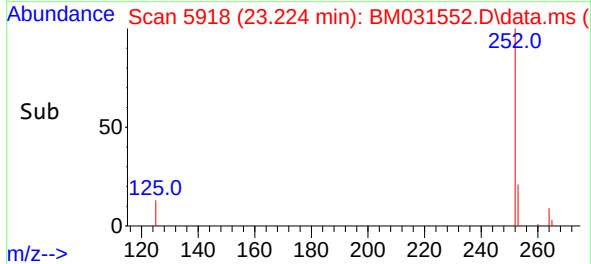




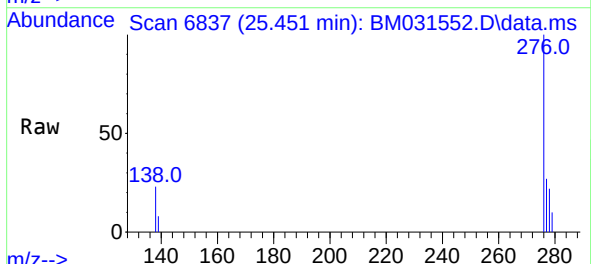
#26
Benzo(a)pyrene
Concen: 0.599 ng/ul
RT: 23.224 min Scan# 5918
Delta R.T. -0.007 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25



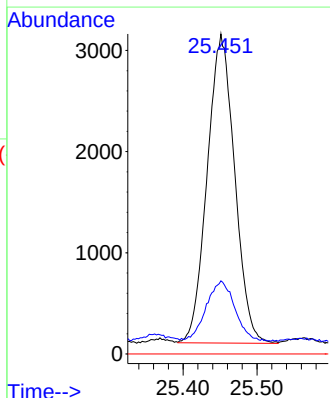
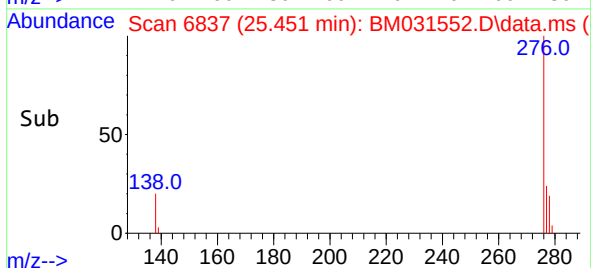
Tgt Ion:252 Resp: 11006
Ion Ratio Lower Upper
252 100
253 26.9 22.4 33.6
125 19.2 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng/ul
RT: 25.451 min Scan# 6837
Delta R.T. -0.012 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25



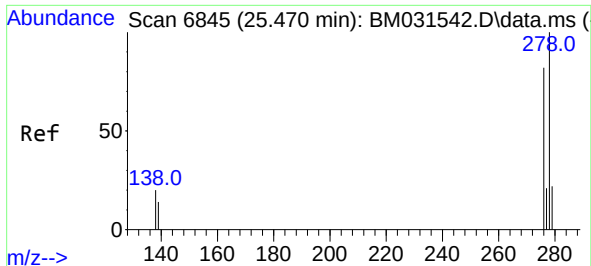
Tgt Ion:276 Resp: 7887
Ion Ratio Lower Upper
276 100
138 20.3 15.8 23.8
227 0.0 0.0 0.0



Instrument :
BNA_M
ClientSampleId :
C00A0DL

Manual Integrations
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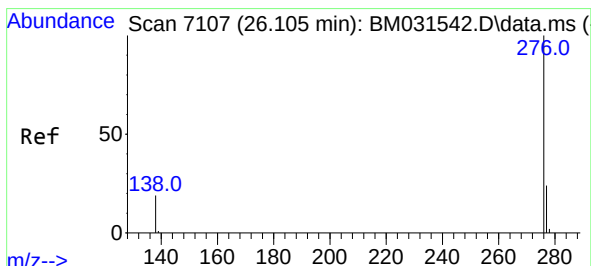
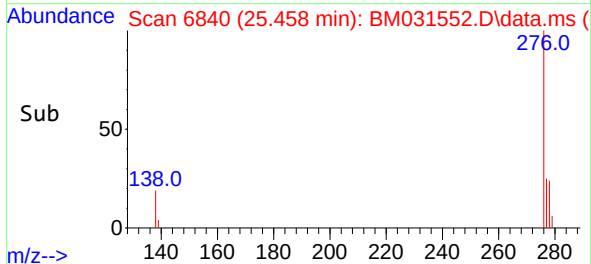
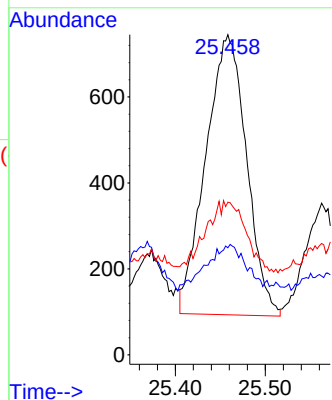
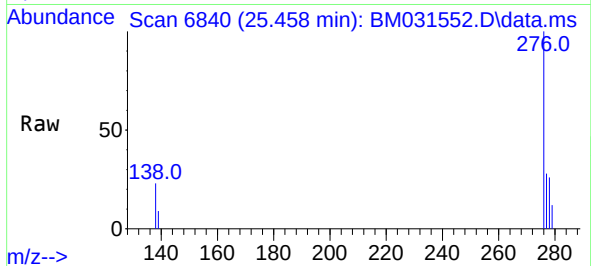
#28
Dibenzo(a,h)anthracene
Concen: 0.107 ng/ul
RT: 25.458 min Scan# 6840
Delta R.T. -0.017 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	278	Resp:	2048
Ion Ratio	Lower	Upper	
278	100		
139	33.4	13.3	19.9#
279	47.7	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C00A0DL

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.116 ng/ul
RT: 26.105 min Scan# 7107
Delta R.T. -0.009 min
Lab File: BM031552.D
Acq: 07 Aug 2021 15:25

Tgt Ion:	276	Resp:	2358
Ion Ratio	Lower	Upper	
276	100		
138	33.4	15.4	23.2#
277	34.1	19.9	29.9#

