

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031554.D
 Acq On : 07 Aug 2021 16:39
 Operator : CG/JU
 Sample : M3124-21DL 5X
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00A1DL

Manual Integrations
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Quant Time: Aug 08 04:02:16 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	1509	0.400	ng/ul	0.00
4) Naphthalene-d8	10.347	136	5442	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.216	164	2958	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.968	188	5527	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4569	0.400	ng/ul	# 0.00
23) Perylene-d12	23.314	264	4635	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	483	0.288	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.944	152	198	0.022	ng/ul	0.00
18) Fluoranthene-d10	18.997	212	384	0.025	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.397	128	1854	0.114	ng/ul#	92
7) 2-Methylnaphthalene	12.016	142	1175	0.106	ng/ul	99
8) 1-Methylnaphthalene	12.236	142	906	0.083	ng/ul	98
10) Acenaphthylene	13.936	152	3276	0.260	ng/ul	97
11) Acenaphthene	14.281	153	415	0.039	ng/ul#	90
12) Fluorene	15.270	166	1041	0.085	ng/ul#	92
15) Phenanthrene	17.006	178	21851	1.245	ng/ul	98
16) Anthracene	17.100	178	4177	0.254	ng/ul	97
19) Fluoranthene	19.028	202	38853	1.991	ng/ul	97
20) Pyrene	19.394	202	34377	1.737	ng/ul	97
21) Benzo(a)anthracene	21.144	228	17374	0.942	ng/ul	95
22) Chrysene	21.195	228	19323	1.012	ng/ul	97
24) Benzo(b)fluoranthene	22.677	252	23282m	1.115	ng/ul	
25) Benzo(k)fluoranthene	22.713	252	8608m	0.399	ng/ul	
26) Benzo(a)pyrene	23.222	252	15591	0.852	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.449	276	10944	0.463	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.456	278	2902	0.152	ng/ul#	74
29) Benzo(g,h,i)perylene	26.103	276	5190	0.257	ng/ul#	93

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

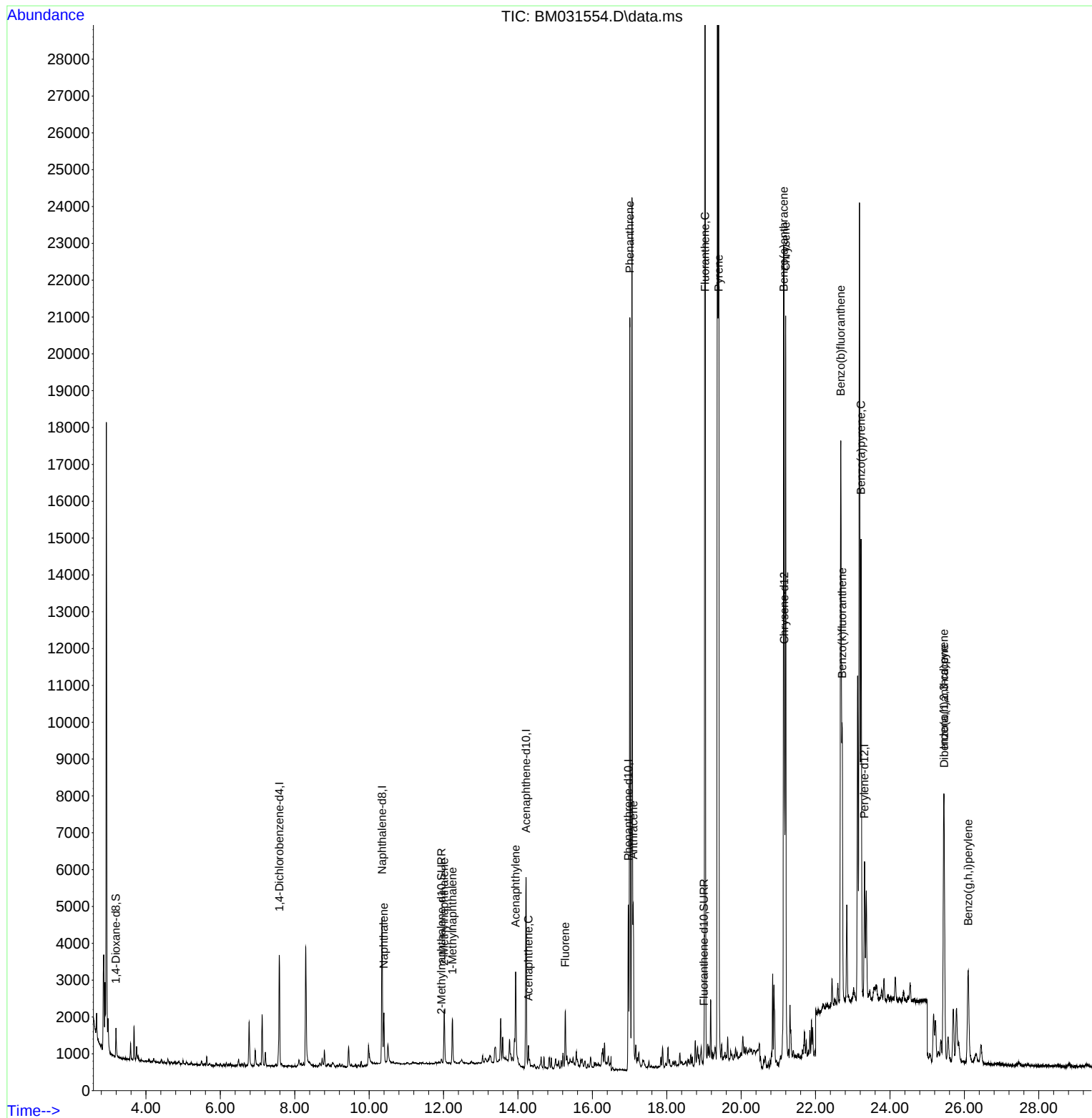
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
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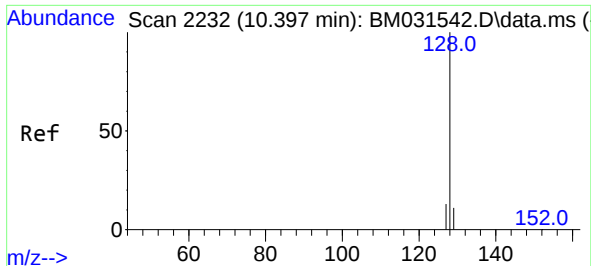
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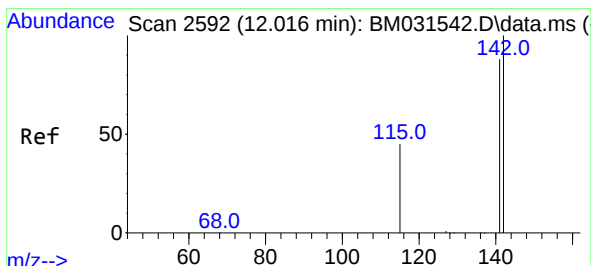
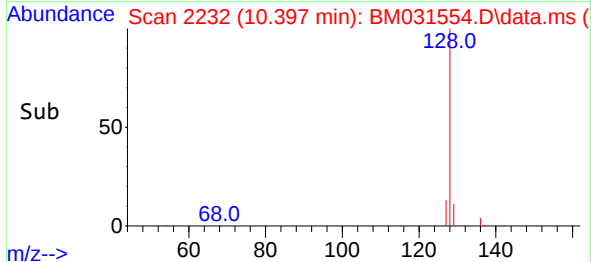
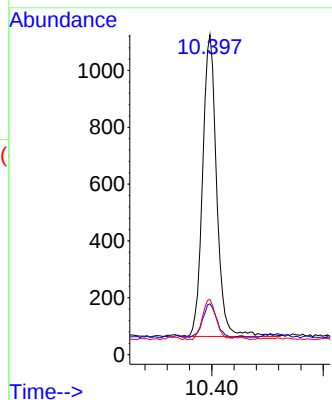
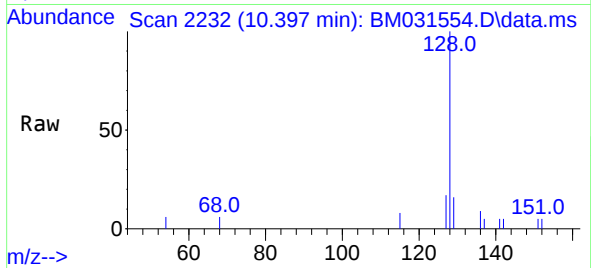
#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.397 min Scan# 2232
Delta R.T. 0.001 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:	128	Resp:	1854
Ion Ratio	Lower	Upper	
128	100		
129	15.9	10.0	15.0#
127	17.2	11.6	17.4

Instrument :
BNA_M
ClientSampleId :
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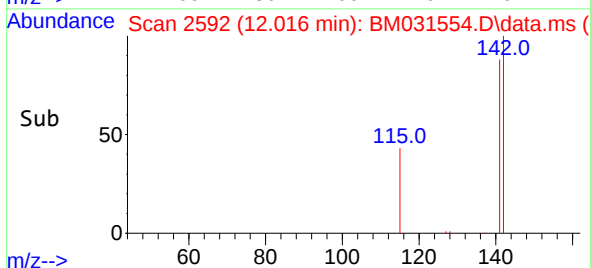
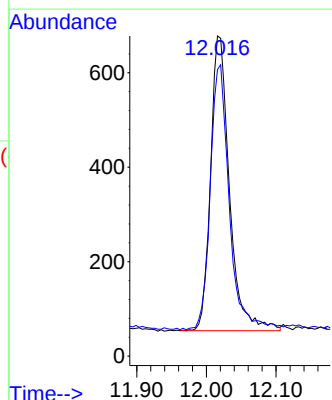
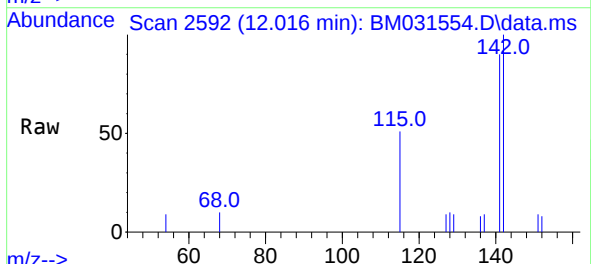
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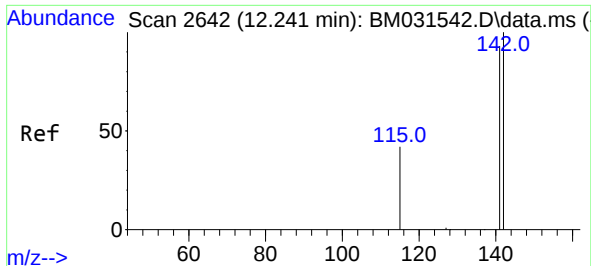
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#7
2-Methylnaphthalene
Concen: 0.106 ng/ul
RT: 12.016 min Scan# 2592
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:	142	Resp:	1175
Ion Ratio	Lower	Upper	
142	100		
141	90.4	71.4	107.0





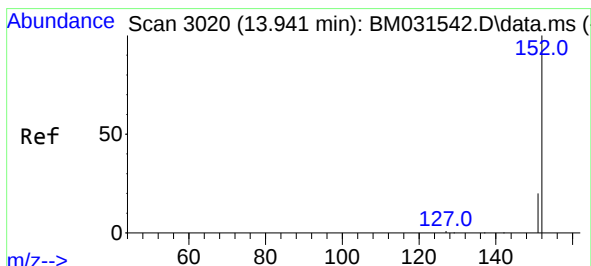
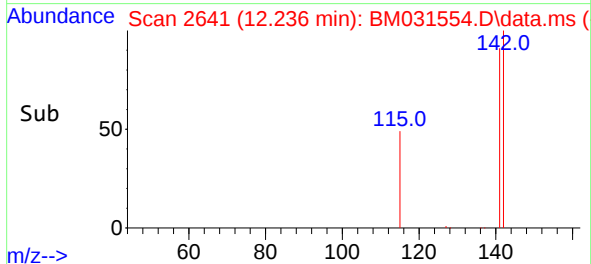
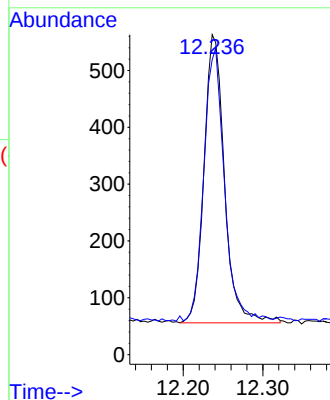
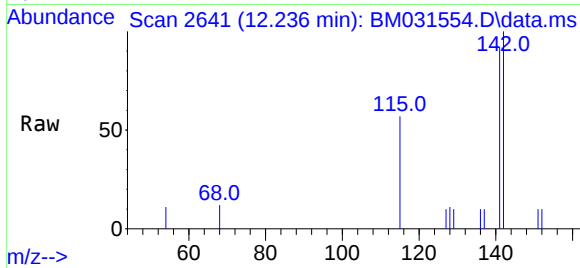
#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.236 min Scan# 2641
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:142 Resp: 906
Ion Ratio Lower Upper
142 100
141 94.4 74.1 111.1

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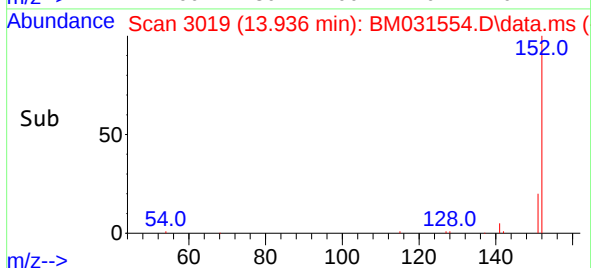
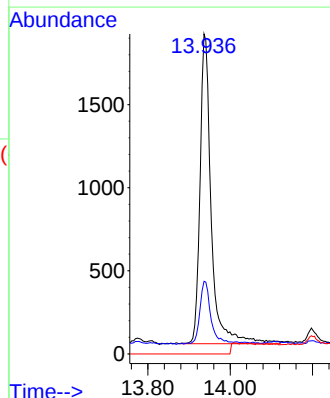
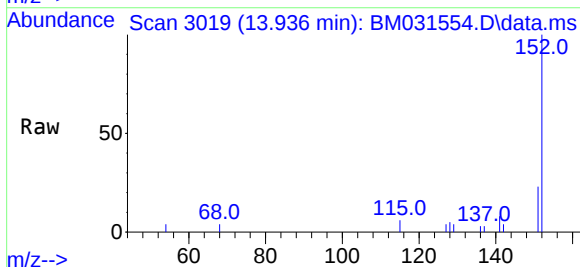
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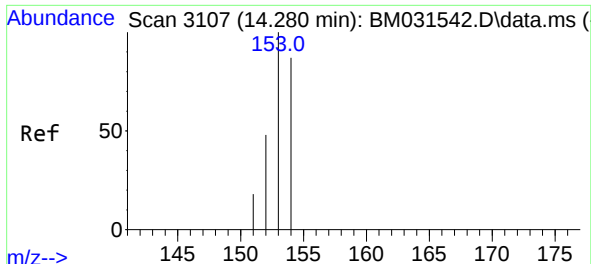
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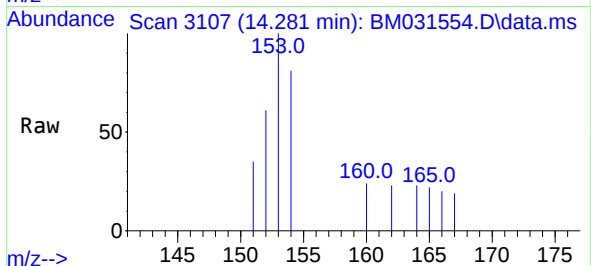
#10
Acenaphthylene
Concen: 0.260 ng/ul
RT: 13.936 min Scan# 3019
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:152 Resp: 3276
Ion Ratio Lower Upper
152 100
151 22.7 16.9 25.3
153 0.0 0.0 0.0

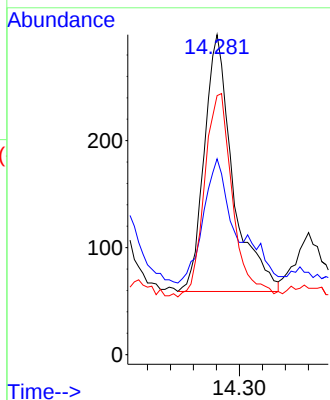
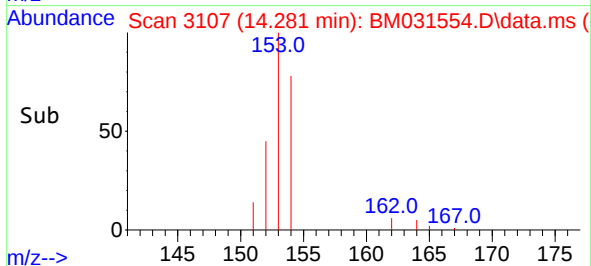




#11
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.281 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



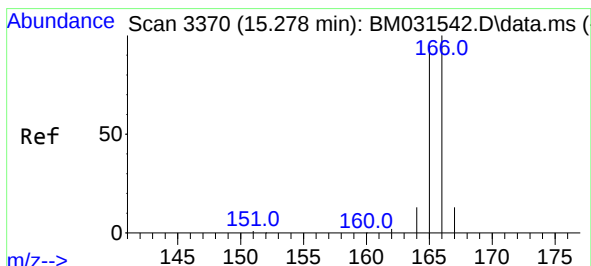
Tgt Ion:153 Resp: 415
Ion Ratio Lower Upper
153 100
152 61.2 40.7 61.1#
154 80.9 70.2 105.2



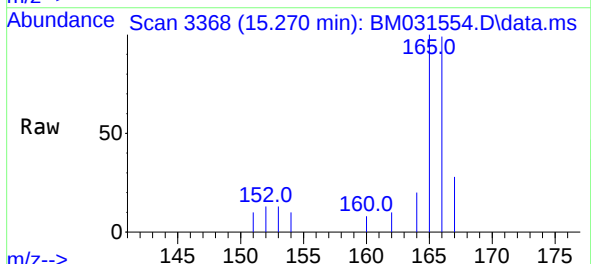
Instrument :
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ClientSampled :
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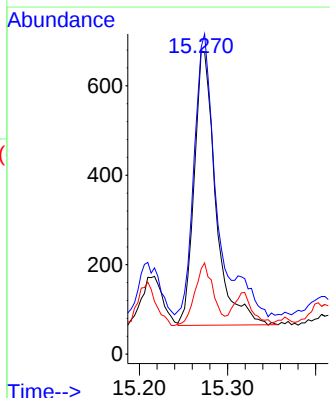
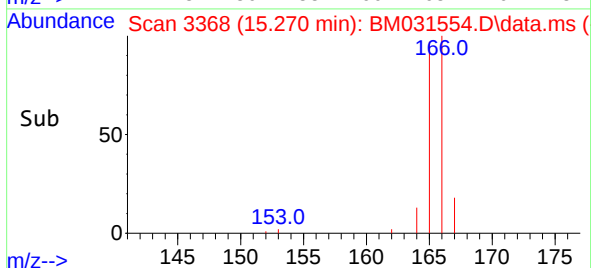
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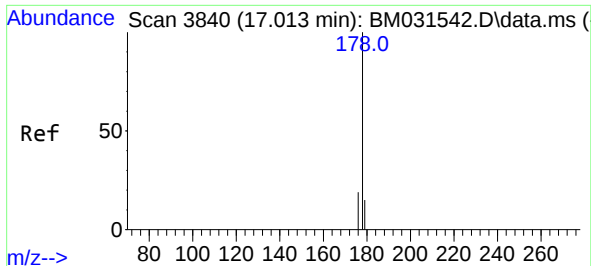


#12
Fluorene
Concen: 0.085 ng/ul
RT: 15.270 min Scan# 3368
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

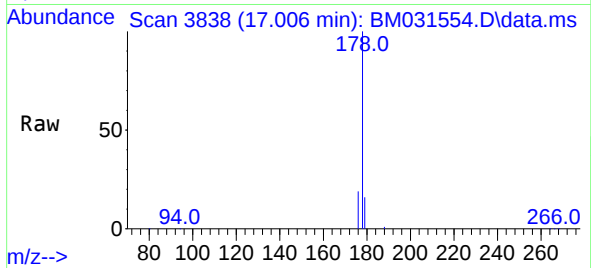


Tgt Ion:166 Resp: 1041
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 28.2 12.0 18.0#



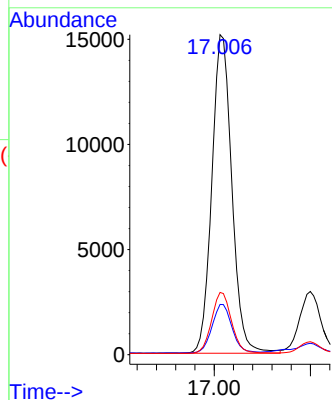


#15
Phenanthrene
Concen: 1.245 ng/ul
RT: 17.006 min Scan# 3838
Delta R.T. -0.007 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



Tgt Ion:178 Resp: 21851

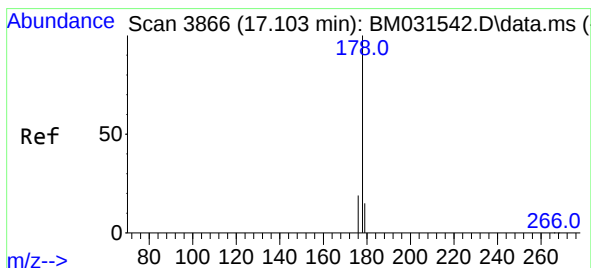
Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.3	19.9
176	19.4	16.2	24.4



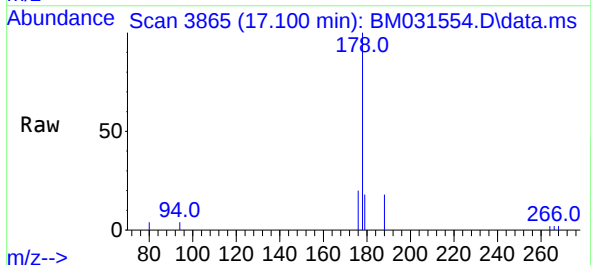
Instrument :
BNA_M
ClientSampleId :
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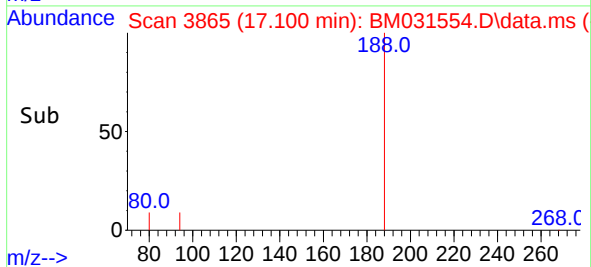
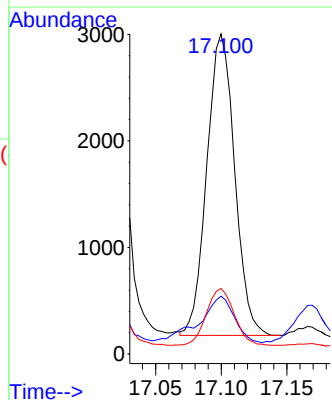


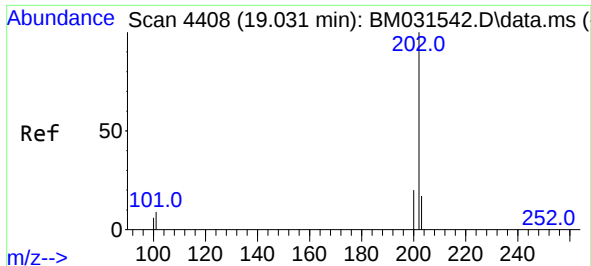
#16
Anthracene
Concen: 0.254 ng/ul
RT: 17.100 min Scan# 3865
Delta R.T. -0.003 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



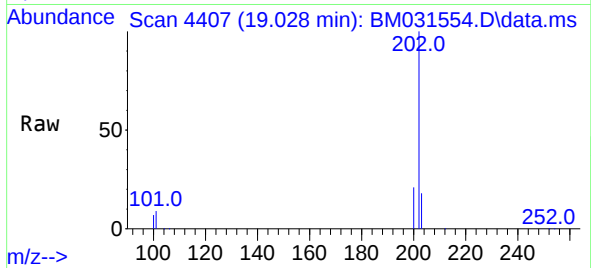
Tgt Ion:178 Resp: 4177

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.0	19.6
176	20.5	15.6	23.4

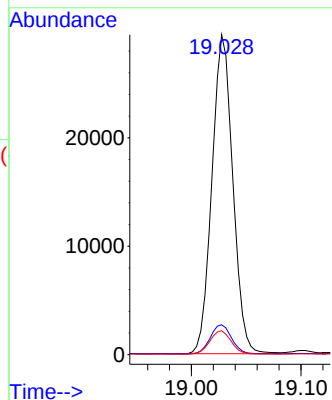




#19
Fluoranthene
Concen: 1.991 ng/ul
RT: 19.028 min Scan# 4407
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



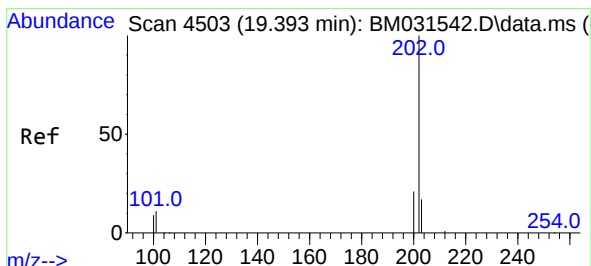
Tgt Ion:202 Resp: 38853
Ion Ratio Lower Upper
202 100
101 9.3 6.6 10.0
100 7.5 5.4 8.0



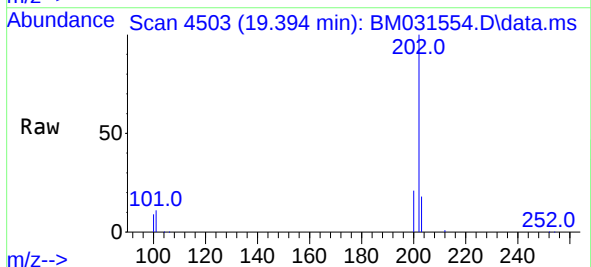
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BNA_M
ClientSampleId :
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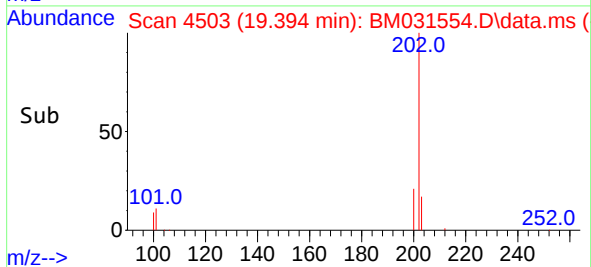
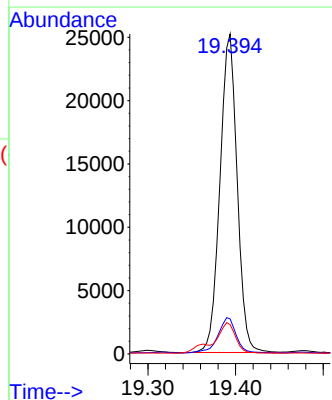
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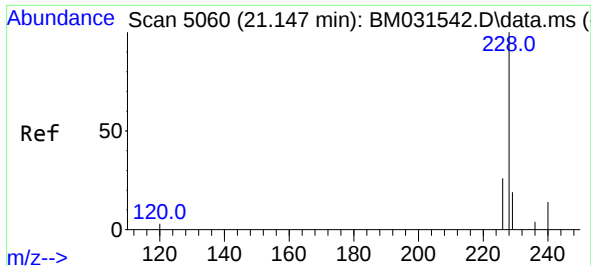


#20
Pyrene
Concen: 1.737 ng/ul
RT: 19.394 min Scan# 4503
Delta R.T. -0.004 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



Tgt Ion:202 Resp: 34377
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 9.1 6.6 10.0





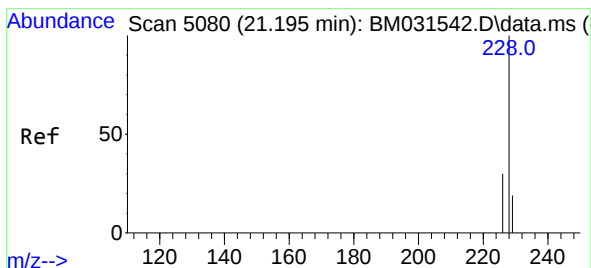
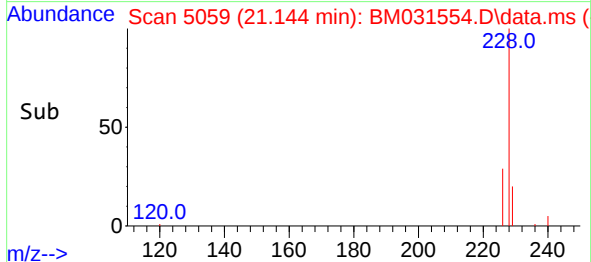
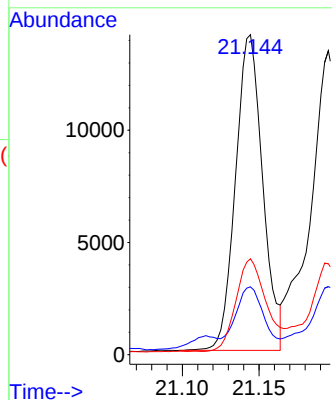
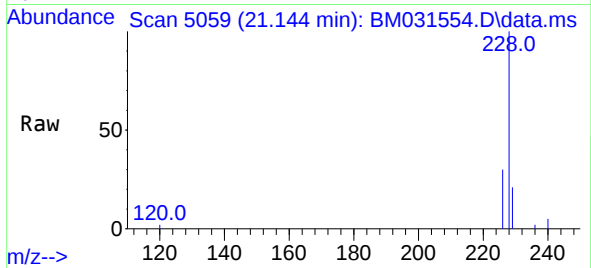
#21
Benzo(a)anthracene
Concen: 0.942 ng/ul
RT: 21.144 min Scan# 5059
Delta R.T. -0.007 min
Lab File: BM031554.D
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Tgt Ion:	228	Resp:	17374
Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	30.0	21.7	32.5

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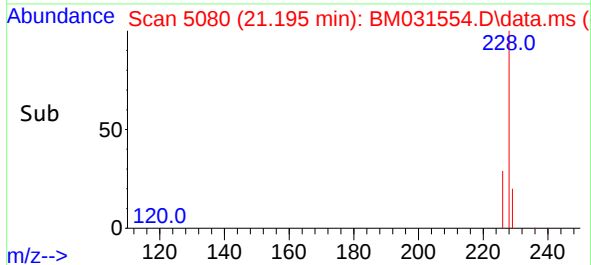
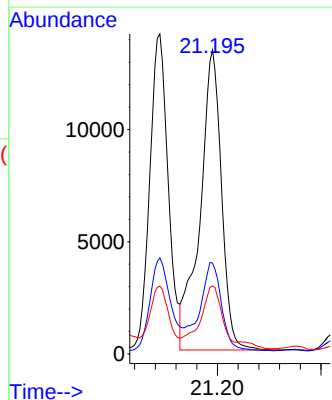
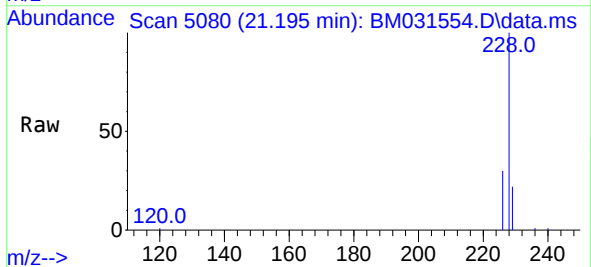
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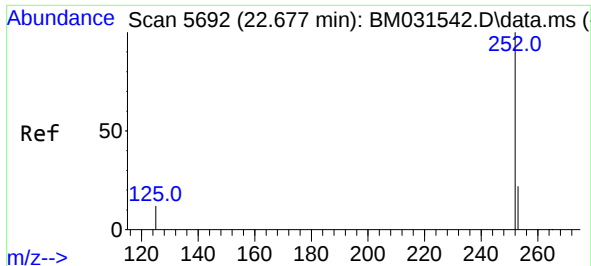
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#22
Chrysene
Concen: 1.012 ng/ul
RT: 21.195 min Scan# 5080
Delta R.T. -0.005 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:	228	Resp:	19323
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	22.4	16.2	24.2





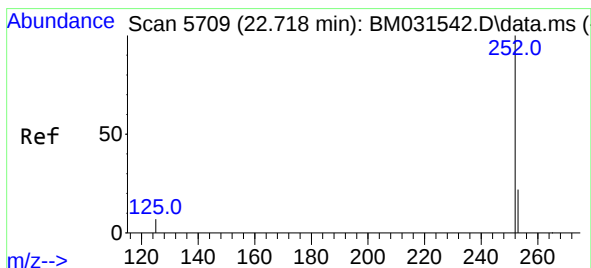
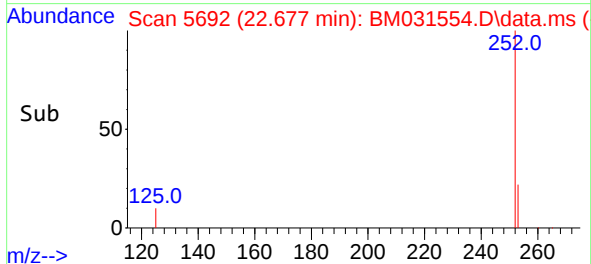
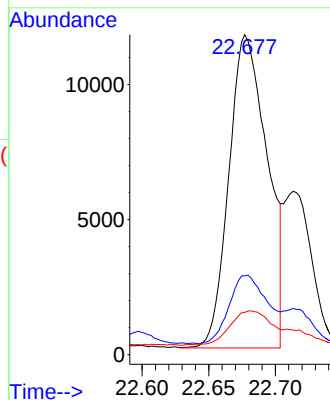
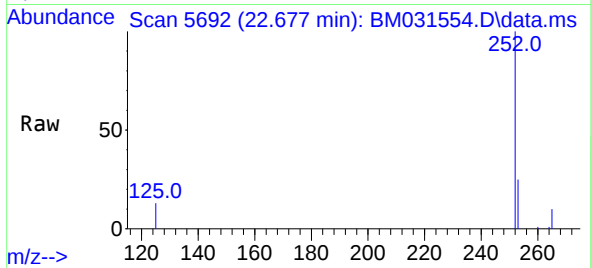
#24
Benzo(b)fluoranthene
Concen: 1.115 ng/ul m
RT: 22.677 min Scan# 5692
Delta R.T. -0.005 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:252 Resp: 23282
Ion Ratio Lower Upper
252 100
253 24.7 0.0 53.0
125 13.2 0.0 22.8

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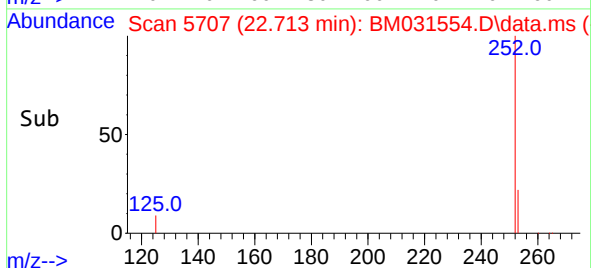
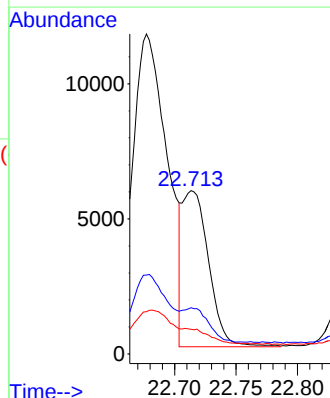
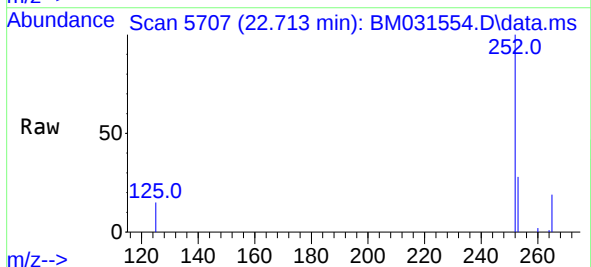
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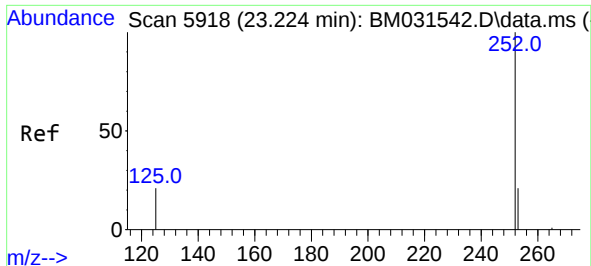
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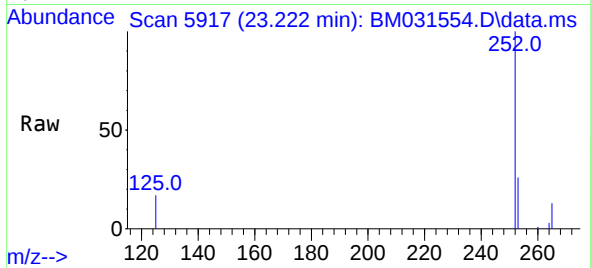
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Benzo(k)fluoranthene
Concen: 0.399 ng/ul m
RT: 22.713 min Scan# 5707
Delta R.T. -0.009 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39

Tgt Ion:252 Resp: 8608
Ion Ratio Lower Upper
252 100
253 28.4 21.3 31.9
125 15.1 8.8 13.2#

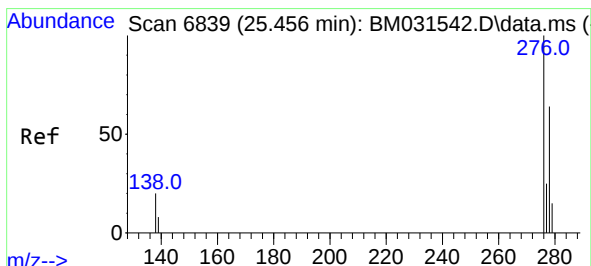
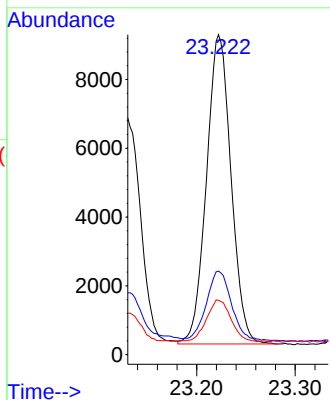
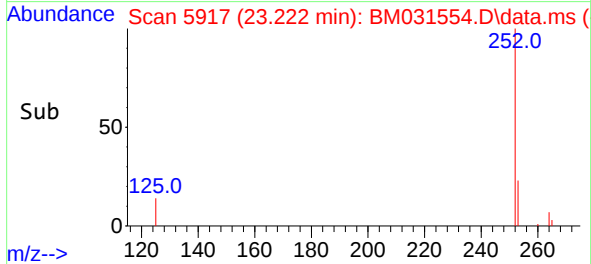




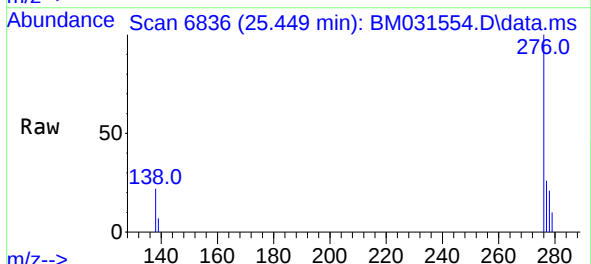
#26
Benzo(a)pyrene
Concen: 0.852 ng/ul
RT: 23.222 min Scan# 5917
Delta R.T. -0.009 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



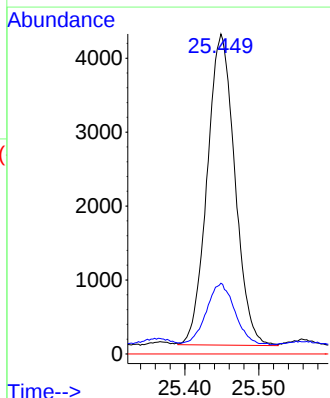
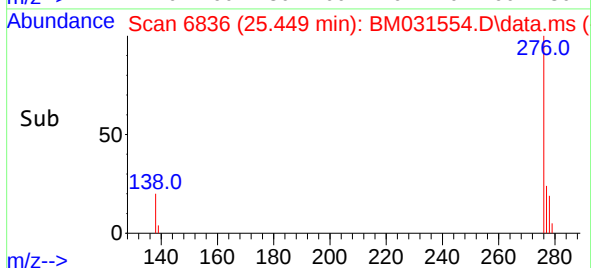
Tgt Ion:252 Resp: 15591
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 17.0 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.463 ng/ul
RT: 25.449 min Scan# 6836
Delta R.T. -0.014 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



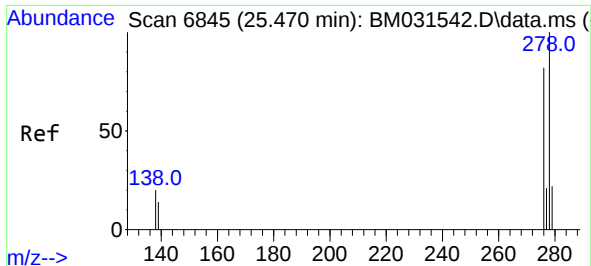
Tgt Ion:276 Resp: 10944
Ion Ratio Lower Upper
276 100
138 20.4 15.8 23.8
227 0.0 0.0 0.0



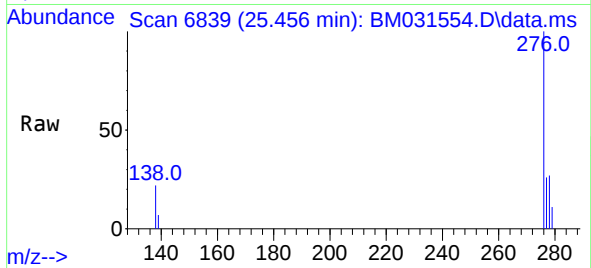
Instrument :
BNA_M
ClientSampleID :
C00A1DL

Manual Integrations
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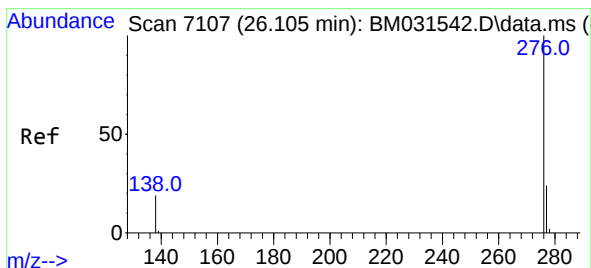
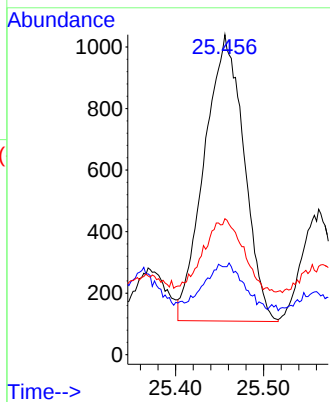
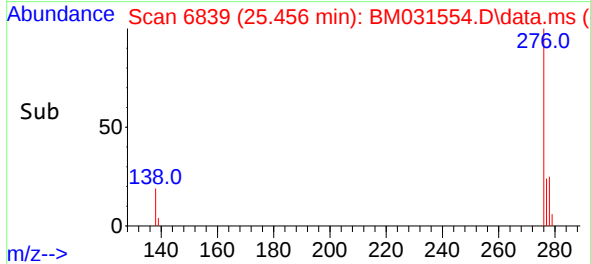
mohammad
8/9/2021 12:13:45 PM



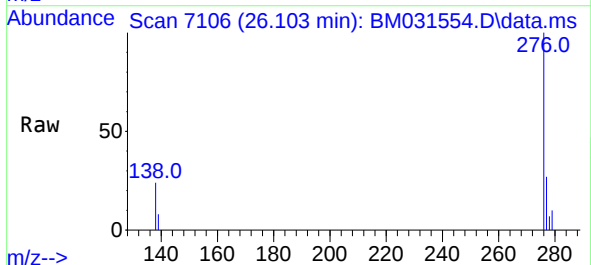
#28
Dibenzo(a,h)anthracene
Concen: 0.152 ng/ul
RT: 25.456 min Scan# 6839
Delta R.T. -0.019 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



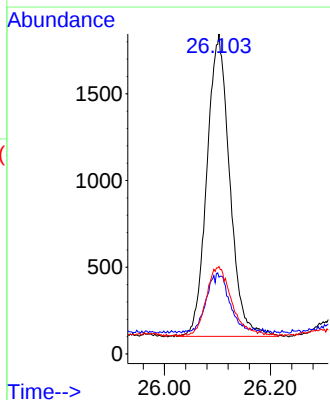
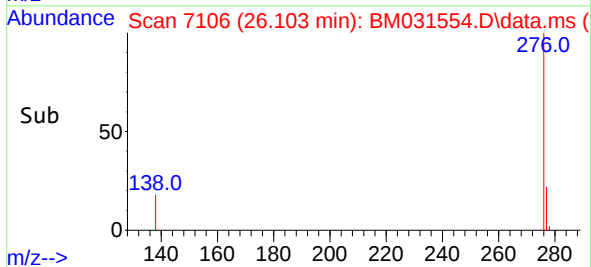
Tgt Ion:278 Resp: 2902
Ion Ratio Lower Upper
278 100
139 27.5 13.3 19.9#
279 42.5 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.257 ng/ul
RT: 26.103 min Scan# 7106
Delta R.T. -0.012 min
Lab File: BM031554.D
Acq: 07 Aug 2021 16:39



Tgt Ion:276 Resp: 5190
Ion Ratio Lower Upper
276 100
138 24.0 15.4 23.2#
277 27.3 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C00A1DL

Manual Integrations
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8/9/2021 12:13:45 PM