

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
 Data File : BM031548.D
 Acq On : 07 Aug 2021 12:57
 Operator : CG/JU
 Sample : M3124-18DL 5X
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0098DL

Manual Integrations
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Quant Time: Aug 08 04:01:29 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	7.585	152	1208	0.400	ng/ul	0.00
4) Naphthalene-d8	10.346	136	4539	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.219	164	2535	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.967	188	4840	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.159	240	4172	0.400	ng/ul	# 0.00
23) Perylene-d12	23.317	264	3992	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.194	96	355	0.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.947	152	158	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.000	212	386	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.395	128	488	0.036	ng/ul#	67
7) 2-Methylnaphthalene	12.019	142	364	0.039	ng/ul	97
8) 1-Methylnaphthalene	12.244	142	241	0.026	ng/ul	94
10) Acenaphthylene	13.939	152	526	0.049	ng/ul#	77
15) Phenanthrene	17.009	178	2870	0.187	ng/ul	99
16) Anthracene	17.099	178	712	0.049	ng/ul#	81
19) Fluoranthene	19.031	202	9257	0.520	ng/ul#	95
20) Pyrene	19.393	202	7901	0.437	ng/ul#	93
21) Benzo(a)anthracene	21.145	228	4449	0.264	ng/ul	93
22) Chrysene	21.196	228	4995	0.287	ng/ul	96
24) Benzo(b)fluoranthene	22.677	252	7118m	0.396	ng/ul	
25) Benzo(k)fluoranthene	22.714	252	2367m	0.127	ng/ul	
26) Benzo(a)pyrene	23.223	252	4113	0.261	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.452	276	3144	0.154	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.459	278	796	0.049	ng/ul#	15
29) Benzo(g,h,i)perylene	26.106	276	2427	0.140	ng/ul#	80

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

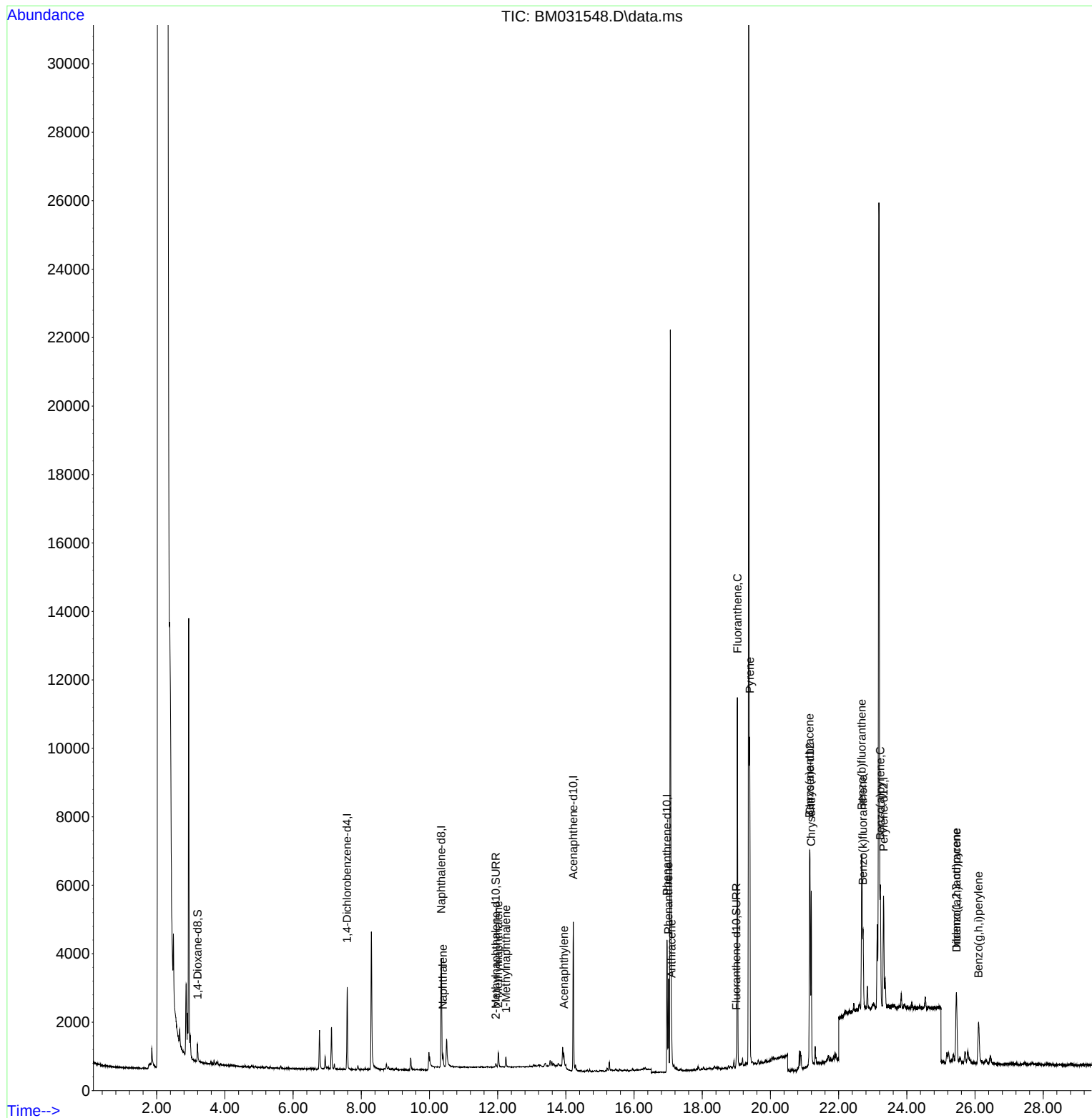
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080521\
Data File : BM031548.D
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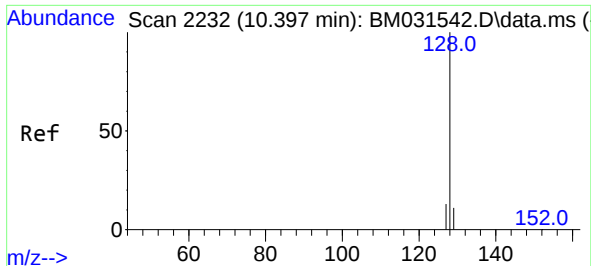
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QLast Update : Fri Aug 06 18:39:21 2021
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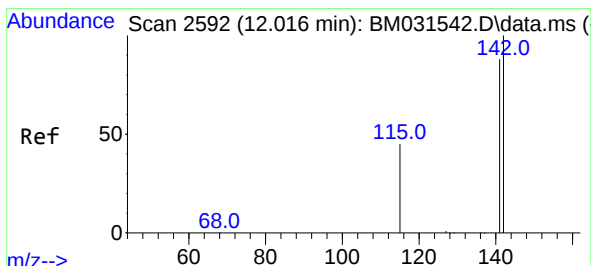
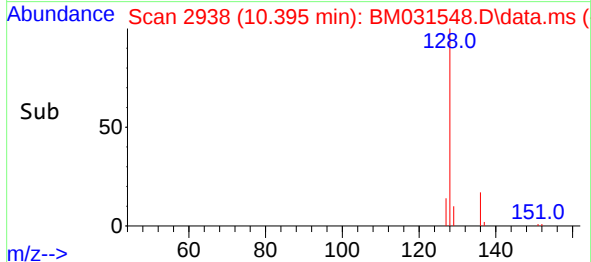
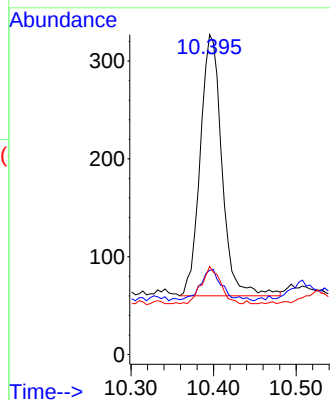
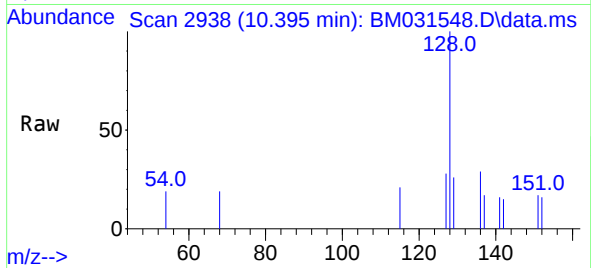
#5
Naphthalene
Concen: 0.036 ng/ul
RT: 10.395 min Scan# 2938
Delta R.T. -0.001 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	128	Resp:	488
Ion	Ratio	Lower	Upper
128	100		
129	26.3	10.0	15.0#
127	27.5	11.6	17.4#

Instrument :
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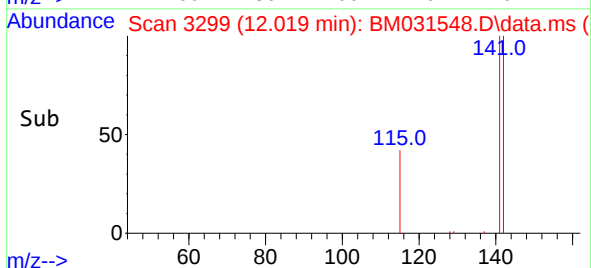
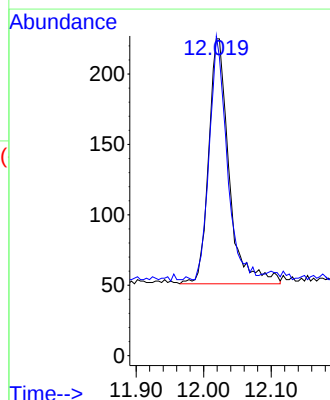
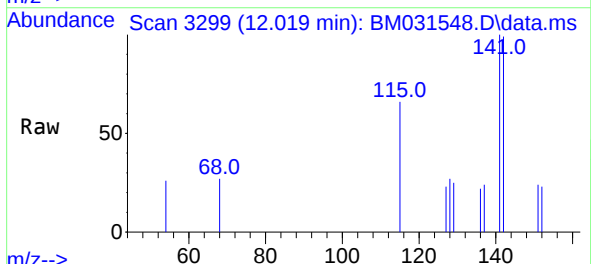
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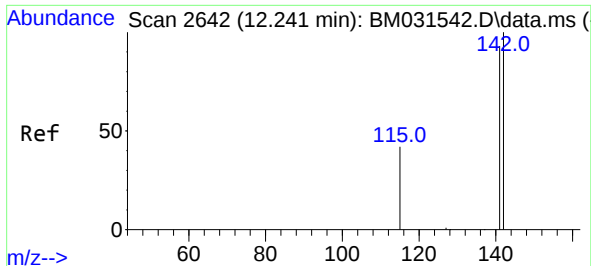
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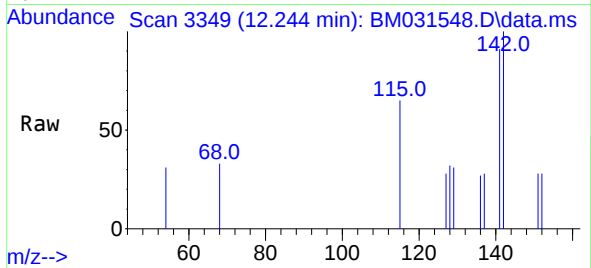
#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.019 min Scan# 3299
Delta R.T. -0.001 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	142	Resp:	364
Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.4	107.0

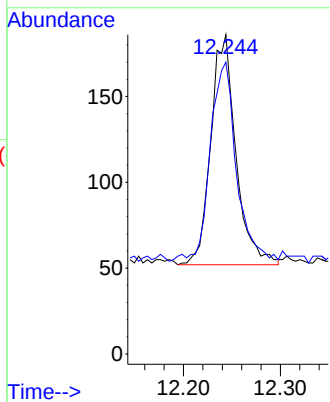
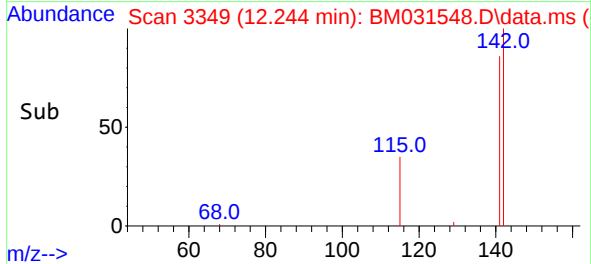




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.244 min Scan# 3349
Delta R.T. 0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57



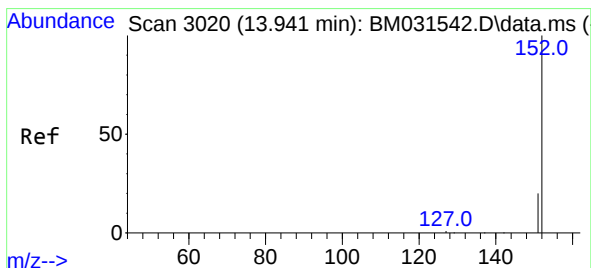
Tgt Ion:142 Resp: 241
Ion Ratio Lower Upper
142 100
141 86.7 74.1 111.1



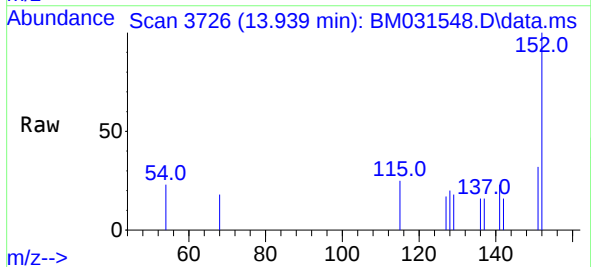
Instrument :
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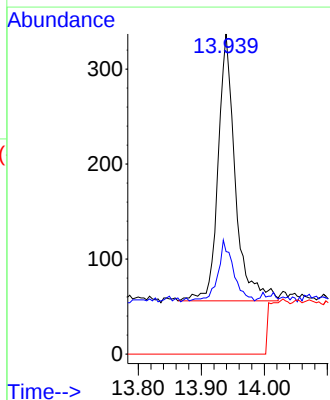
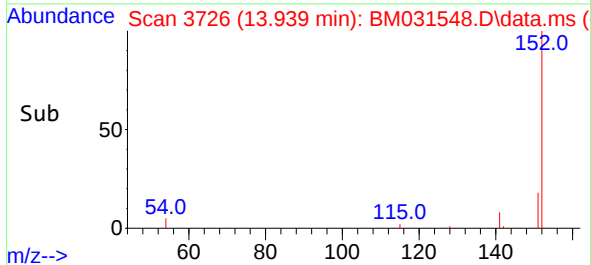
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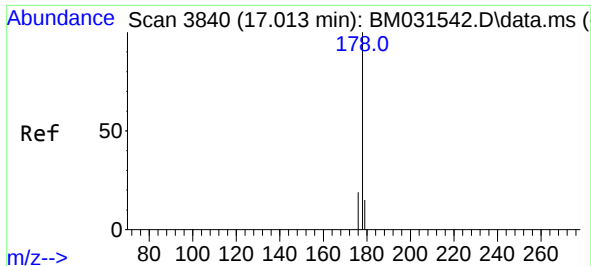


#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 13.939 min Scan# 3726
Delta R.T. -0.001 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

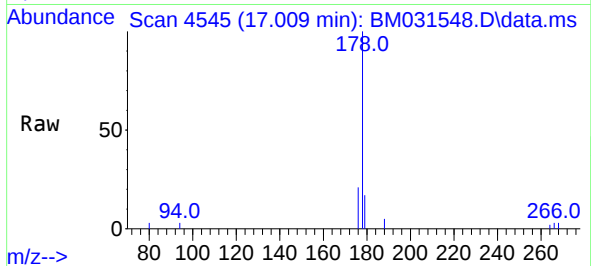


Tgt Ion:152 Resp: 526
Ion Ratio Lower Upper
152 100
151 32.0 16.9 25.3#
153 0.0 0.0 0.0

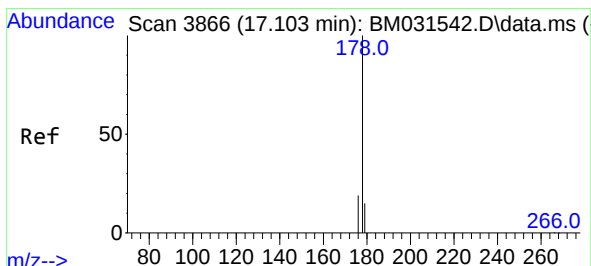
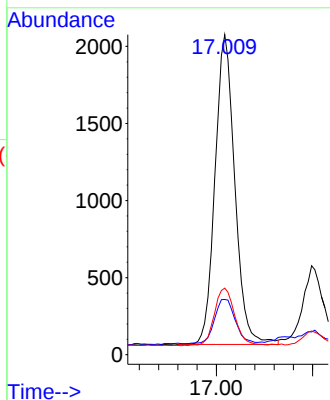
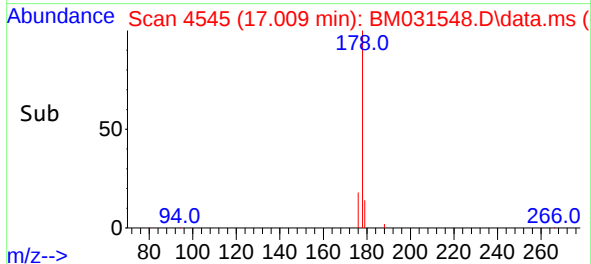




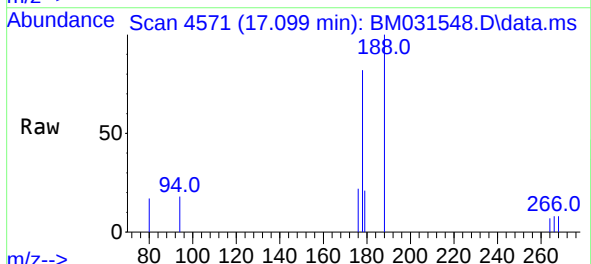
#15
Phenanthrene
Concen: 0.187 ng/ul
RT: 17.009 min Scan# 4545
Delta R.T. -0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57



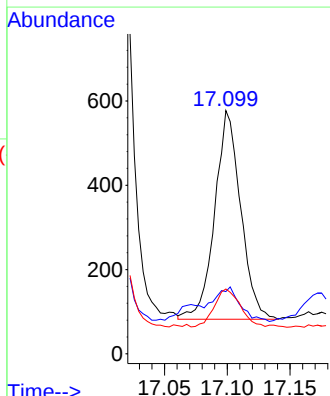
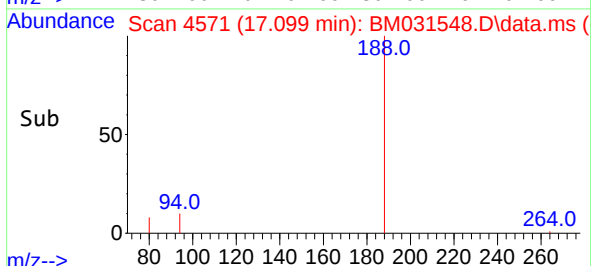
Tgt Ion:	178	Resp:	2870
Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.3	19.9
176	20.8	16.2	24.4



#16
Anthracene
Concen: 0.049 ng/ul
RT: 17.099 min Scan# 4571
Delta R.T. -0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57



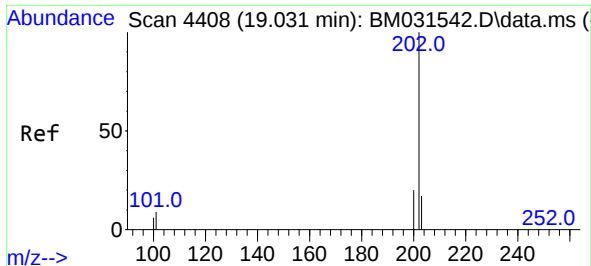
Tgt Ion:	178	Resp:	712
Ion	Ratio	Lower	Upper
178	100		
179	25.6	13.0	19.6#
176	26.7	15.6	23.4#



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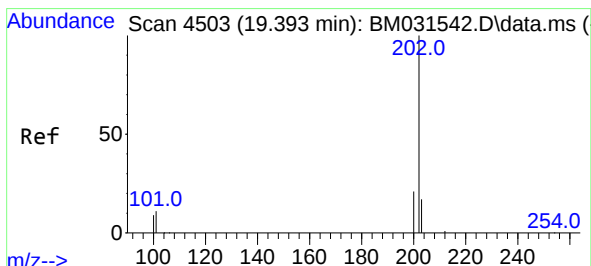
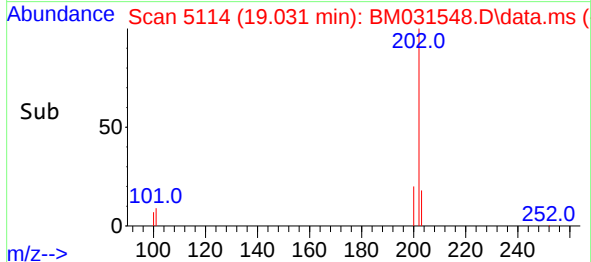
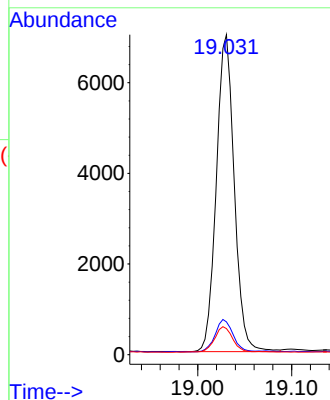
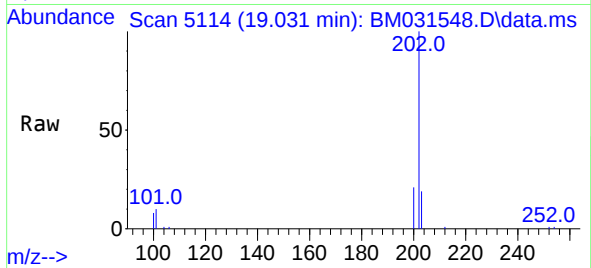
#19
Fluoranthene
Concen: 0.520 ng/u1
RT: 19.031 min Scan# 5114
Delta R.T. -0.001 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	202	Resp:	9257
Ion Ratio	Lower	Upper	
202	100		
101	10.3	6.6	10.0#
100	8.2	5.4	8.0#

Instrument :
BNA_M
ClientSampled :
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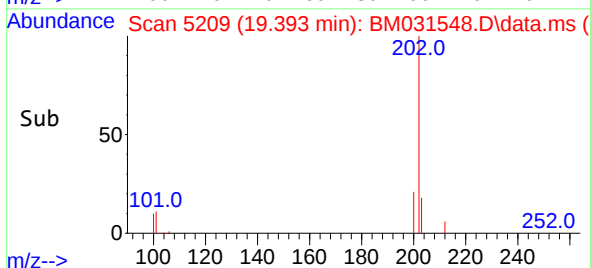
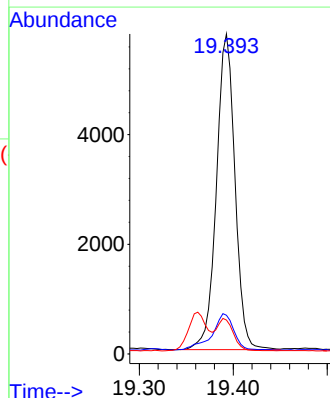
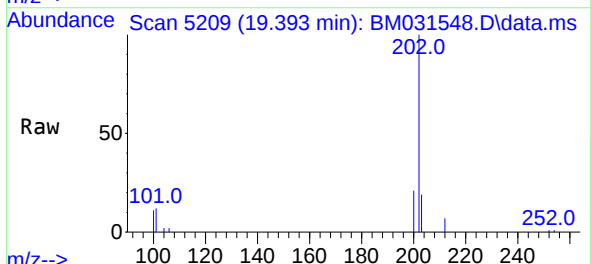
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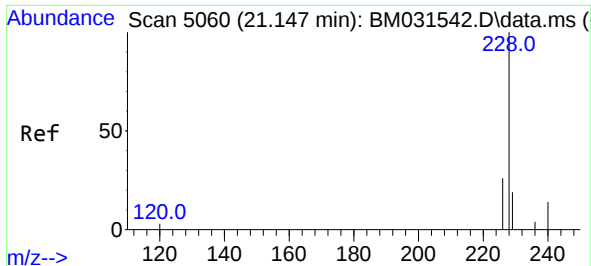
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#20
Pyrene
Concen: 0.437 ng/u1
RT: 19.393 min Scan# 5209
Delta R.T. -0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	202	Resp:	7901
Ion Ratio	Lower	Upper	
202	100		
101	12.1	7.8	11.6#
100	10.6	6.6	10.0#





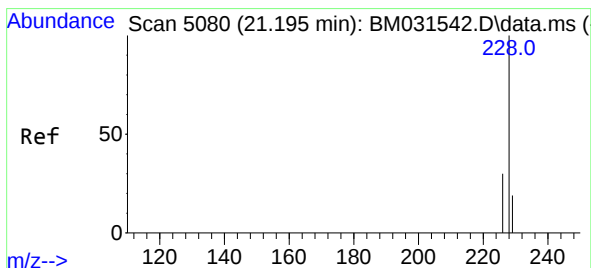
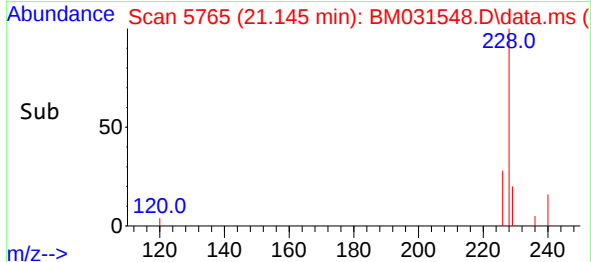
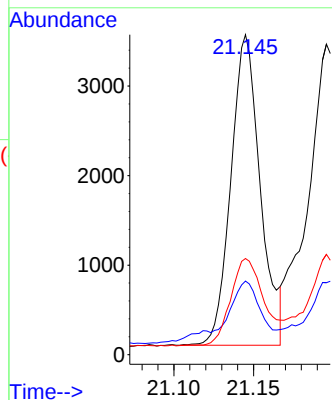
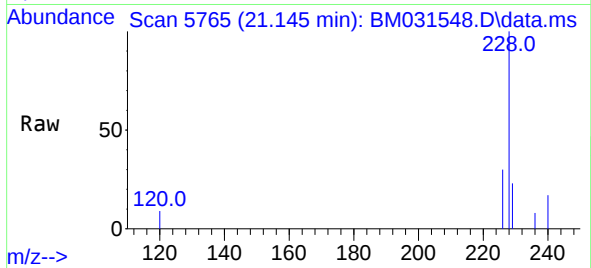
#21
Benzo(a)anthracene
Concen: 0.264 ng/ul
RT: 21.145 min Scan# 5765
Delta R.T. -0.006 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	228	Resp:	4449
Ion Ratio	Lower	Upper	
228	100		
229	23.0	15.6	23.4
226	30.1	21.7	32.5

Instrument :
BNA_M
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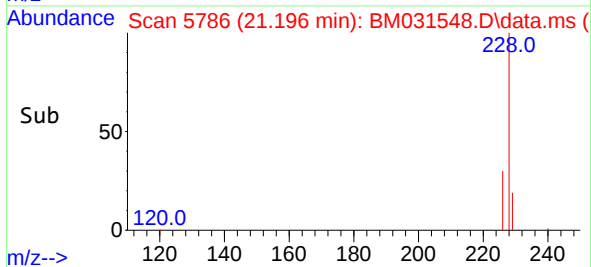
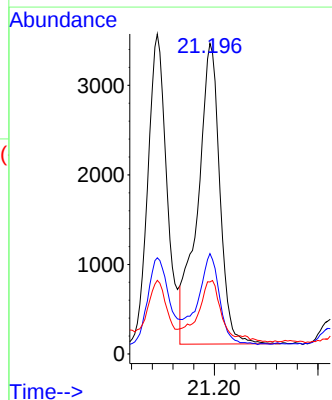
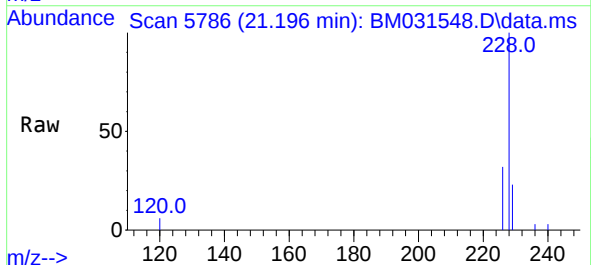
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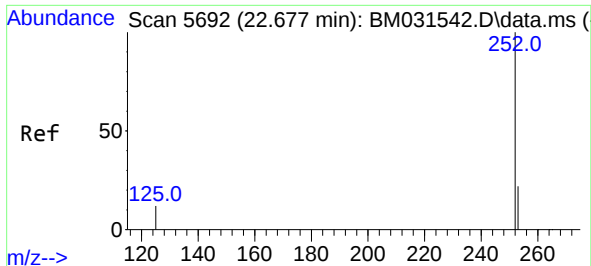
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#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.196 min Scan# 5786
Delta R.T. -0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

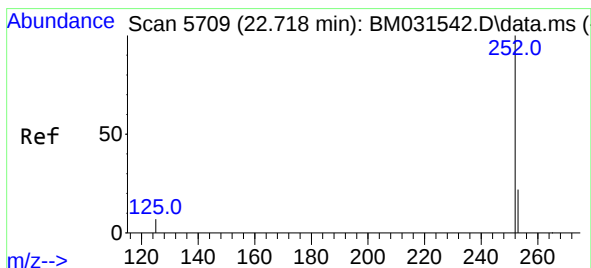
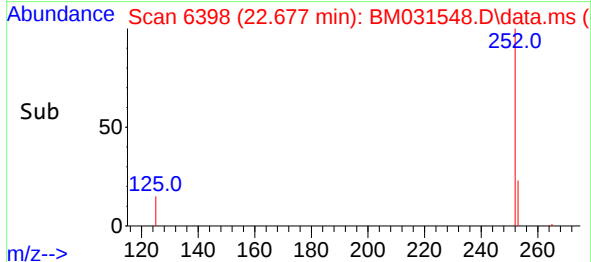
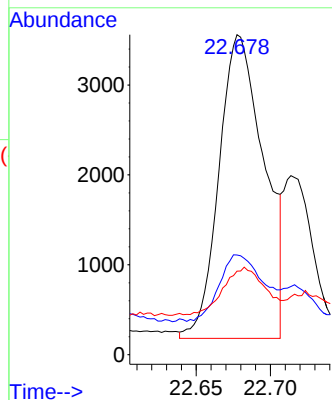
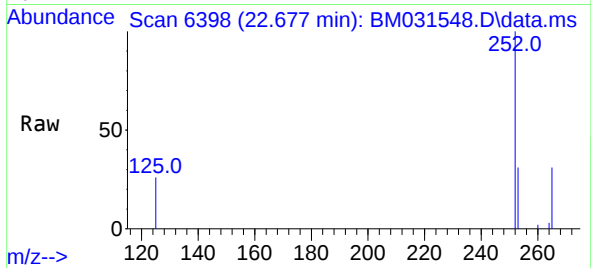
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Ion Ratio	Lower	Upper	
228	100		
226	32.3	24.7	37.1
229	23.2	16.2	24.2





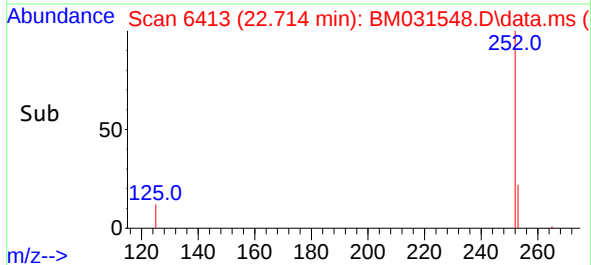
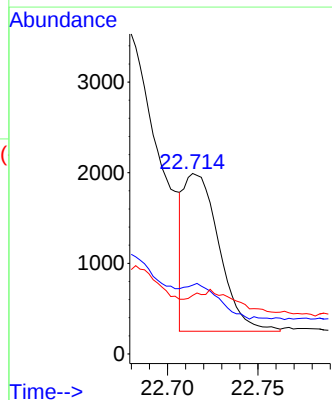
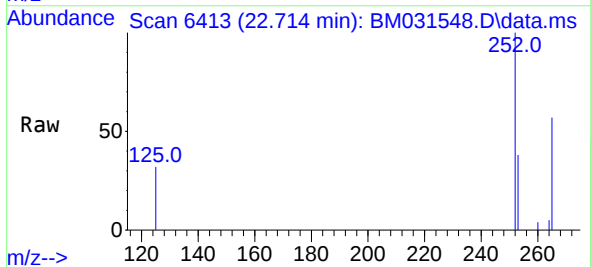
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Benzo(b)fluoranthene
Concen: 0.396 ng/ul m
RT: 22.677 min Scan# 6398
Delta R.T. -0.004 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	252	Resp:	7118
Ion	Ratio	Lower	Upper
252	100		
253	31.2	0.0	53.0
125	26.1	0.0	22.8#



#25
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 22.714 min Scan# 6413
Delta R.T. -0.009 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

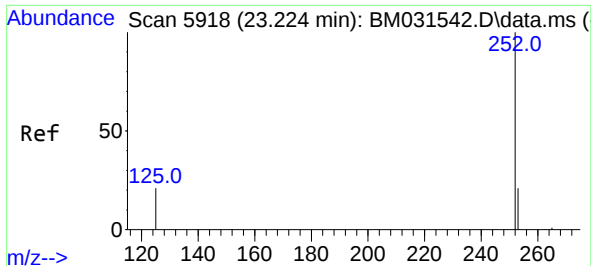
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Ion	Ratio	Lower	Upper
252	100		
253	38.1	21.3	31.9#
125	32.4	8.8	13.2#



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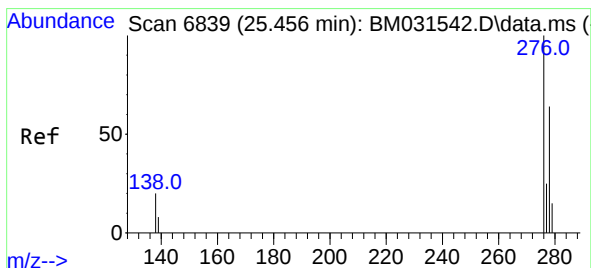
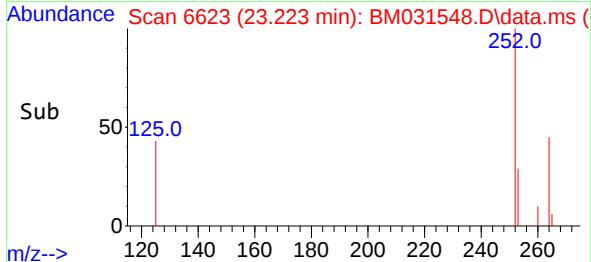
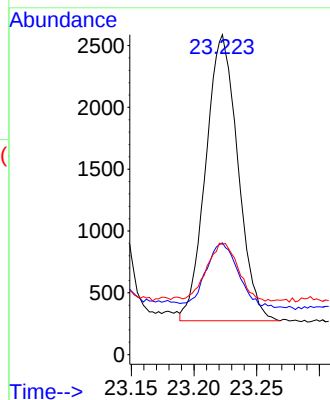
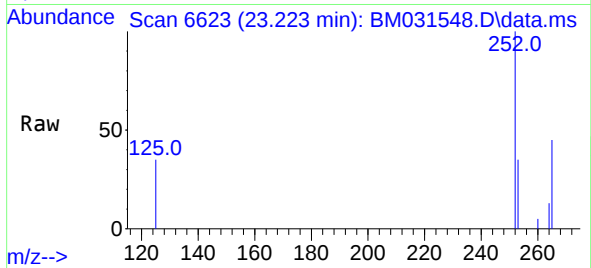
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Benzo(a)pyrene
Concen: 0.261 ng/ul
RT: 23.223 min Scan# 6623
Delta R.T. -0.009 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	252	Resp:	4113
Ion Ratio	Lower	Upper	
252	100		
253	34.9	22.4	33.6#
125	34.5	13.0	19.4#

Instrument :
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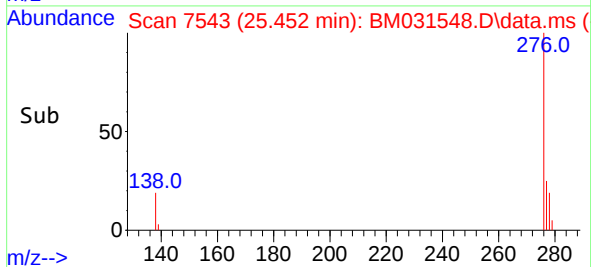
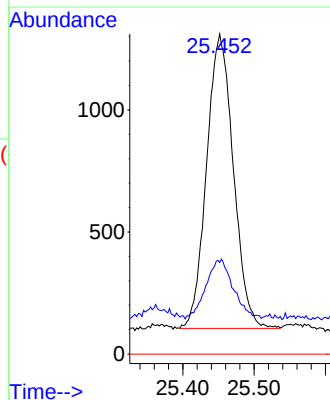
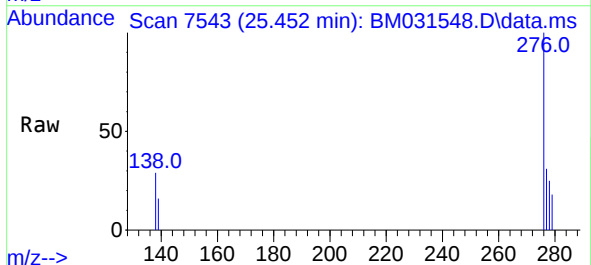
Manual Integrations
APPROVED

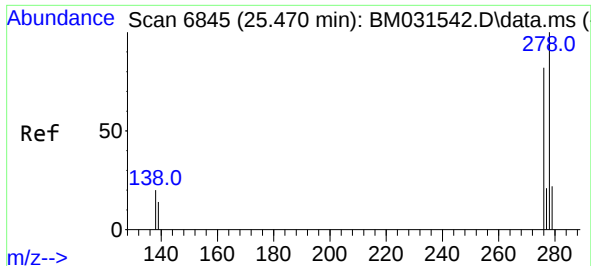
mohammad
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.154 ng/ul
RT: 25.452 min Scan# 7543
Delta R.T. -0.011 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	276	Resp:	3144
Ion Ratio	Lower	Upper	
276	100		
138	20.6	15.8	23.8
227	0.0	0.0	0.0





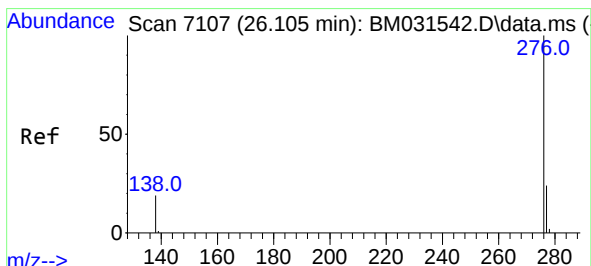
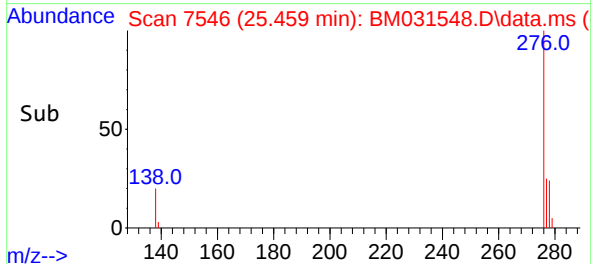
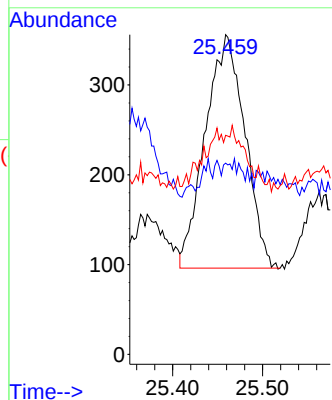
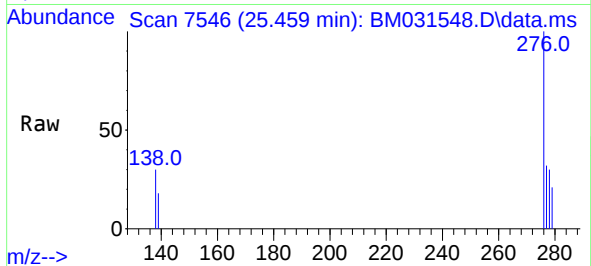
#28
Dibenzo(a,h)anthracene
Concen: 0.049 ng/ul
RT: 25.459 min Scan# 7546
Delta R.T. -0.016 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	278	Resp:	796
Ion Ratio	Lower	Upper	
278	100		
139	59.8	13.3	19.9#
279	68.5	22.8	34.2#

Instrument :
BNA_M
ClientSampled :
C0098DL

Manual Integrations
APPROVED

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#29
Benzo(g,h,i)perylene
Concen: 0.140 ng/ul
RT: 26.106 min Scan# 7813
Delta R.T. -0.009 min
Lab File: BM031548.D
Acq: 07 Aug 2021 12:57

Tgt Ion:	276	Resp:	2427
Ion Ratio	Lower	Upper	
276	100		
138	32.5	15.4	23.2#
277	31.7	19.9	29.9#

