

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031289.D
 Acq On : 30 Jul 2021 23:48
 Operator : CG/JU
 Sample : M3084-21DL 2X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 C0040DL

Manual Integrations
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Quant Time: Jul 31 01:11:49 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 Jul 30 14:16:52 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	866	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	3202	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.239	164	1922	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	3791	0.400	ng/ul #	0.00
17) Chrysene-d12	21.176	240	3095	0.400	ng/ul #	0.00
23) Perylene-d12	23.341	264	3107	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.200	96	2247	2.336	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	791	0.147	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	1710	0.166	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.419	128	984	0.103	ng/ul#	83
7) 2-Methylnaphthalene	12.043	142	826	0.127	ng/ul	100
8) 1-Methylnaphthalene	12.263	142	609	0.095	ng/ul	100
10) Acenaphthylene	13.959	152	1286	0.157	ng/ul	92
11) Acenaphthene	14.300	153	158	0.023	ng/ul#	80
12) Fluorene	15.293	166	277	0.035	ng/ul#	86
14) Pentachlorophenol	16.642	266	493	0.406	ng/ul	99
15) Phenanthrene	17.027	178	7603	0.632	ng/ul	99
16) Anthracene	17.121	178	1865	0.165	ng/ul#	93
19) Fluoranthene	19.047	202	15074	1.141	ng/ul#	95
20) Pyrene	19.409	202	13841	1.033	ng/ul#	95
21) Benzo(a)anthracene	21.159	228	8002	0.640	ng/ul#	94
22) Chrysene	21.212	228	9562m	0.739	ng/ul	
24) Benzo(b)fluoranthene	22.699	252	12053m	0.861	ng/ul	
25) Benzo(k)fluoranthene	22.738	252	3716m	0.257	ng/ul	
26) Benzo(a)pyrene	23.244	252	6872	0.561	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.483	276	5002	0.316	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.487	278	1450	0.114	ng/ul#	44
29) Benzo(g,h,i)perylene	26.139	276	4430	0.328	ng/ul#	91

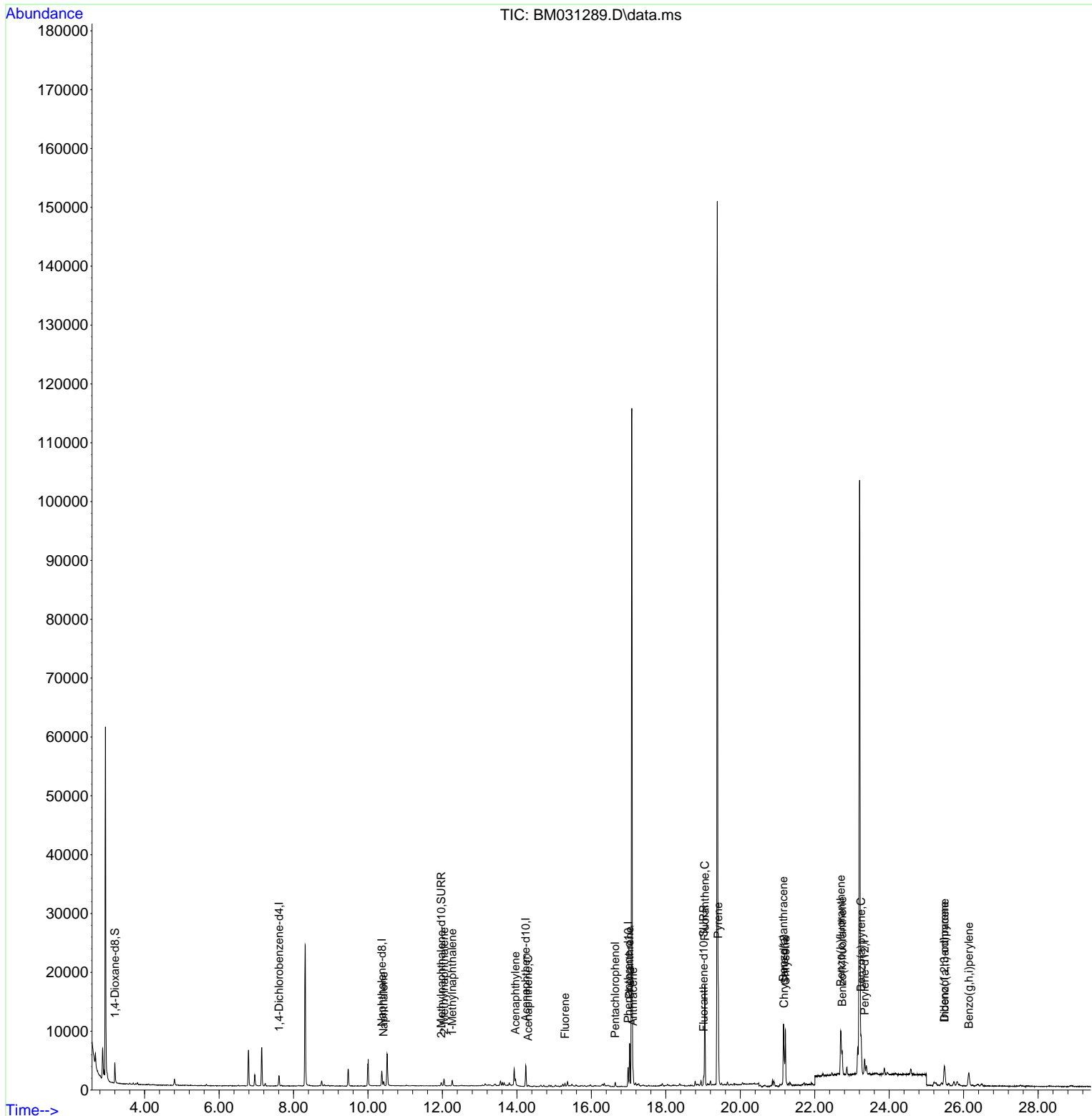
(#) = qualifier out of range (m) = manual integration (+) = signals summed

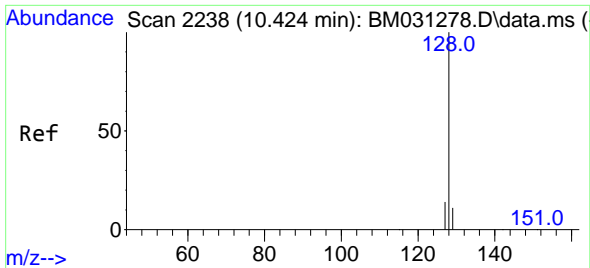
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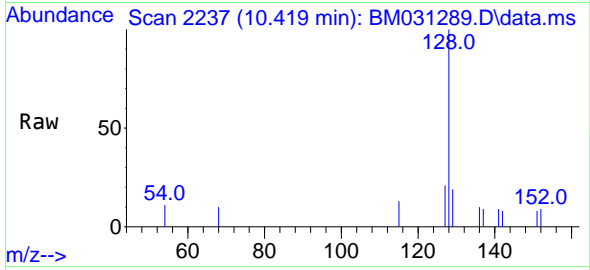
Quant Time: Jul 31 01:11:49 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
 Naphthalene
 Concen: 0.103 ng/u1
 RT: 10.419 min Scan# 2237
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

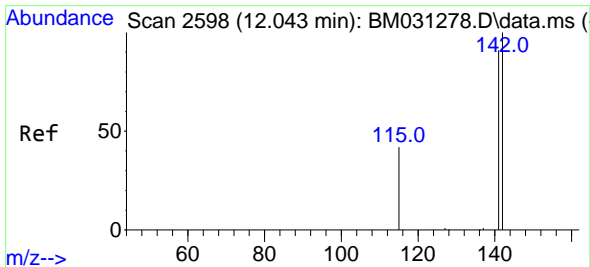
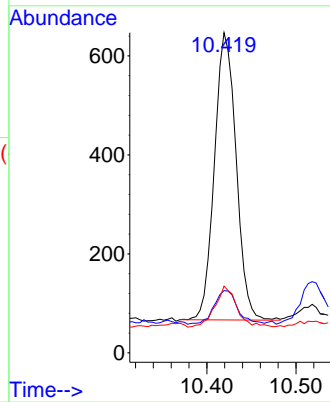
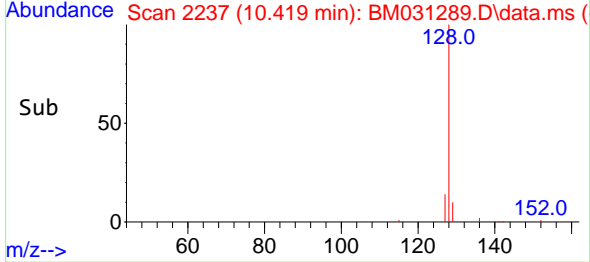
Instrument :
 BNA_M
 ClientSampled :
 C0040DL



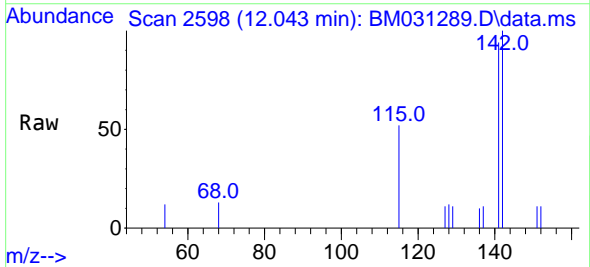
Tgt Ion:128 Resp: 984
 Ion Ratio Lower Upper
 128 100
 129 19.5 10.0 15.0#
 127 20.9 11.6 17.4#

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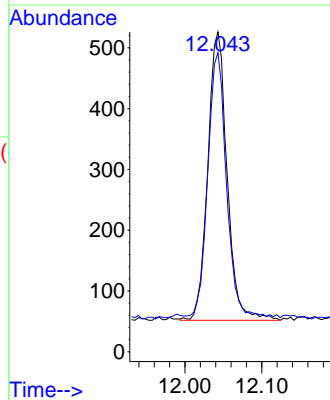
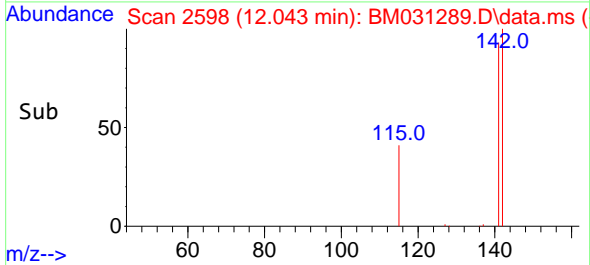
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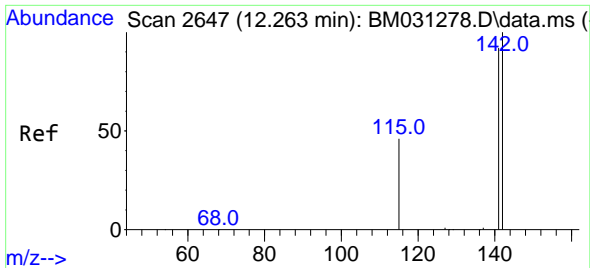


#7
 2-Methylnaphthalene
 Concen: 0.127 ng/u1
 RT: 12.043 min Scan# 2598
 Delta R.T. 0.001 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



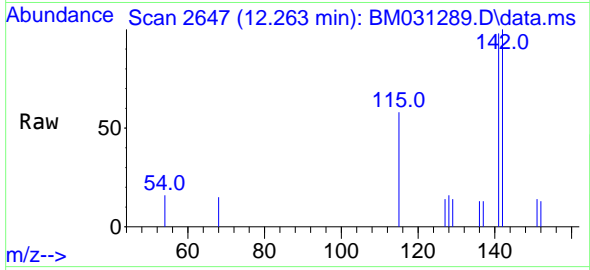
Tgt Ion:142 Resp: 826
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.4 107.0





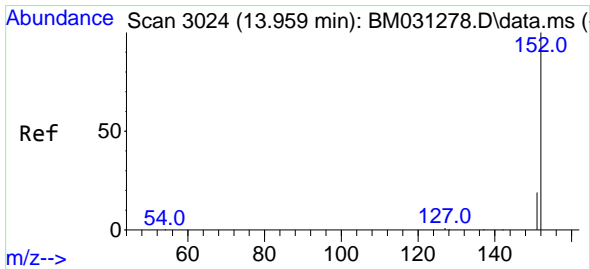
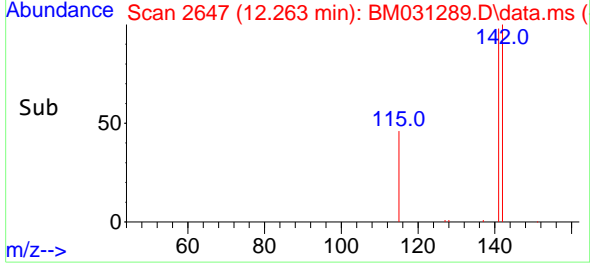
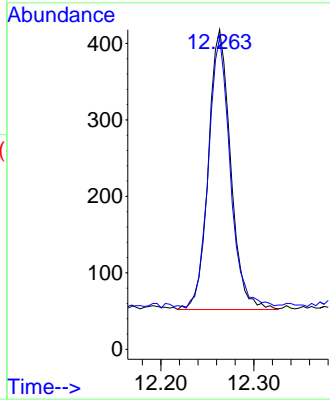
#8
 1-Methylnaphthalene
 Concen: 0.095 ng/u1
 RT: 12.263 min Scan# 2647
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

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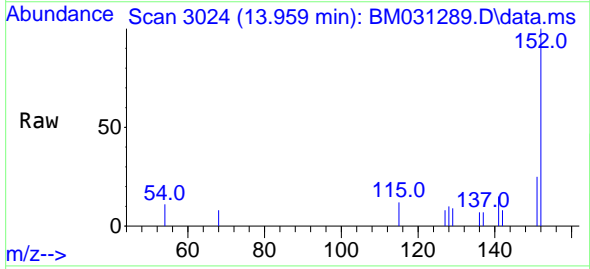


Tgt Ion:142 Resp: 609
 Ion Ratio Lower Upper
 142 100
 141 92.9 74.1 111.1

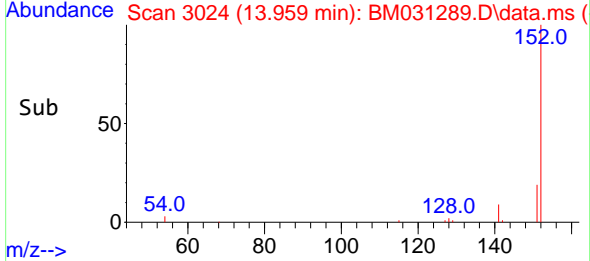
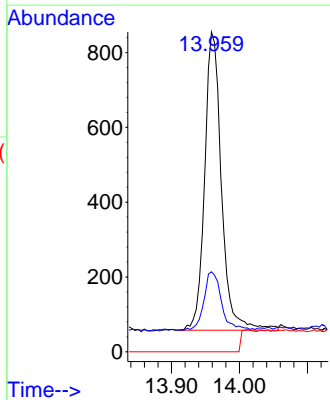
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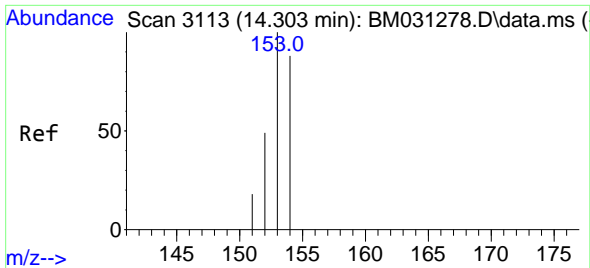


#10
 Acenaphthylene
 Concen: 0.157 ng/u1
 RT: 13.959 min Scan# 3024
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



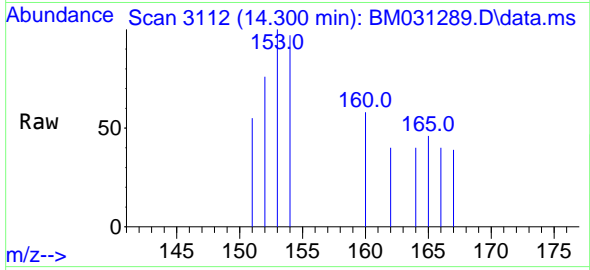
Tgt Ion:152 Resp: 1286
 Ion Ratio Lower Upper
 152 100
 151 25.0 16.9 25.3
 153 0.0 0.0 0.0





#11
 Acenaphthene
 Concen: 0.023 ng/u1
 RT: 14.300 min Scan# 3112
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

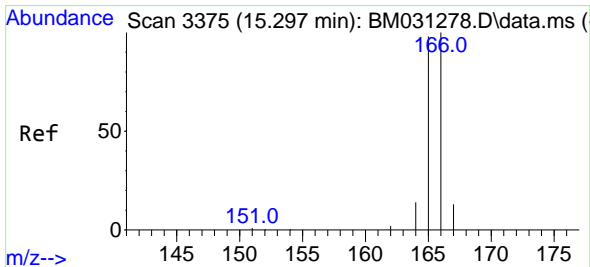
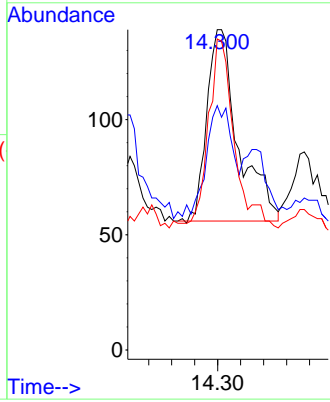
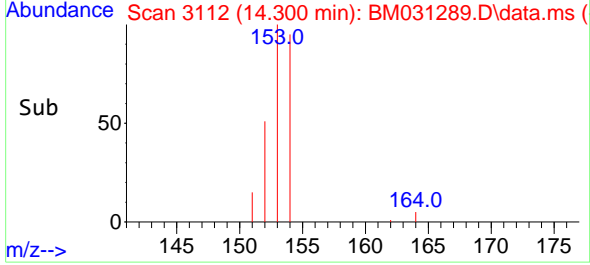
Instrument :
 BNA_M
ClientSampled :
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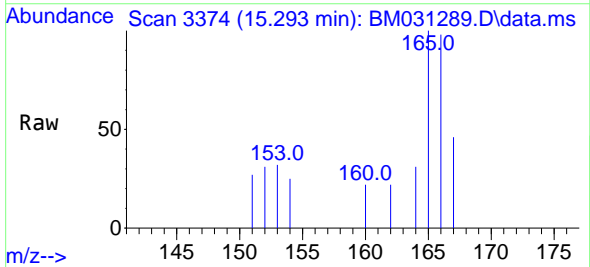
Tgt Ion:153 Resp: 158

Ion	Ratio	Lower	Upper
153	100		
152	76.3	40.7	61.1#
154	97.1	70.2	105.2

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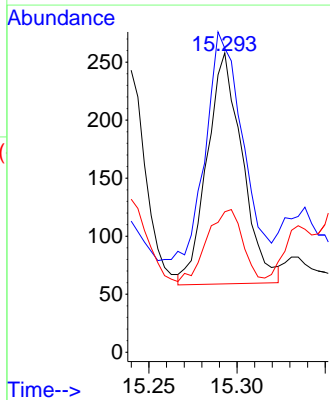
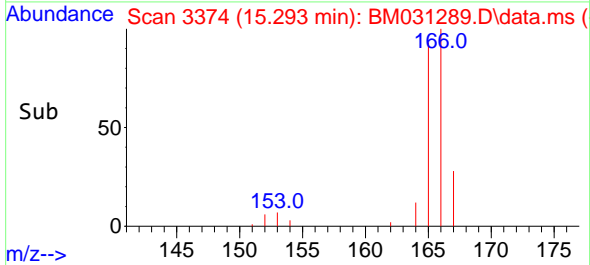


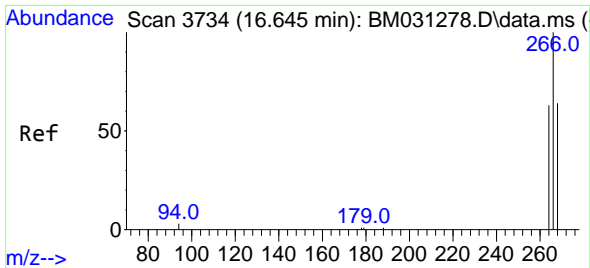
#12
 Fluorene
 Concen: 0.035 ng/u1
 RT: 15.293 min Scan# 3374
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



Tgt Ion:166 Resp: 277

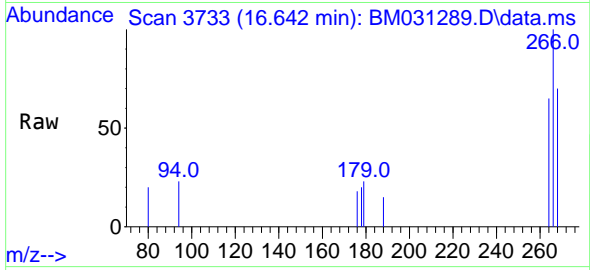
Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.0	117.0
167	46.9	12.0	18.0#





#14
 Pentachlorophenol
 Concen: 0.406 ng/u1
 RT: 16.642 min Scan# 3733
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

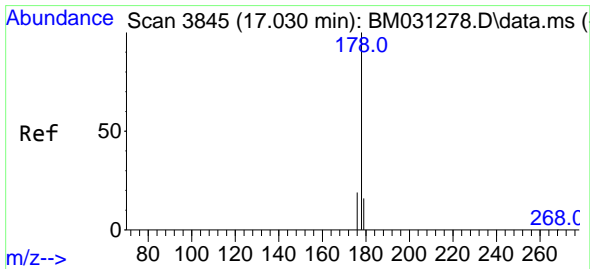
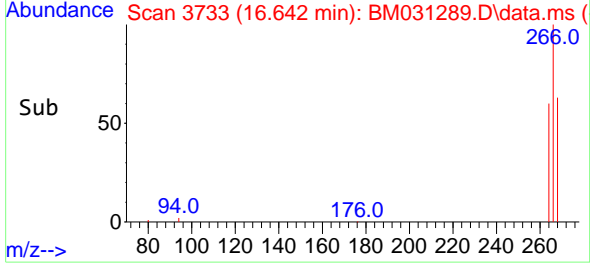
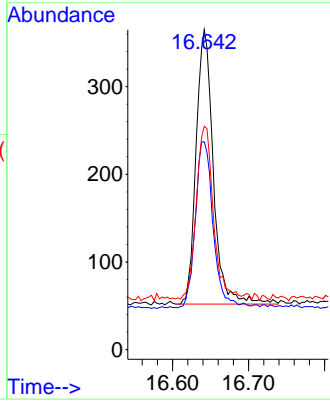
Instrument :
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ClientSampled :
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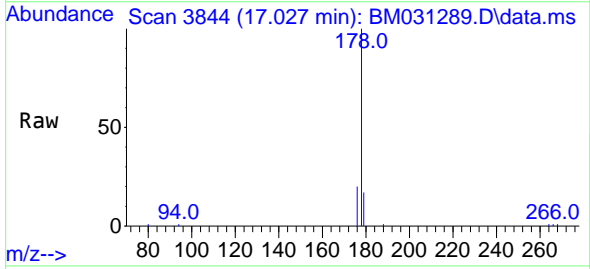
Tgt Ion: 266 Resp: 493

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.1	75.1
268	62.7	51.3	76.9

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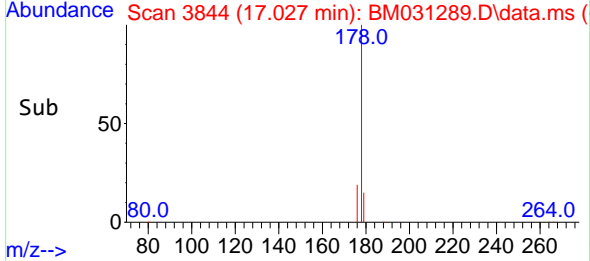
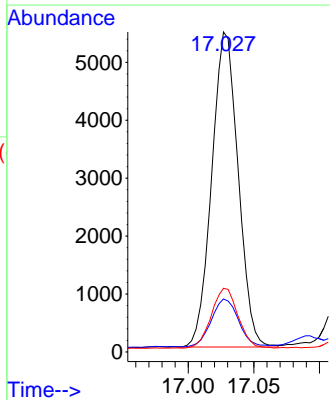


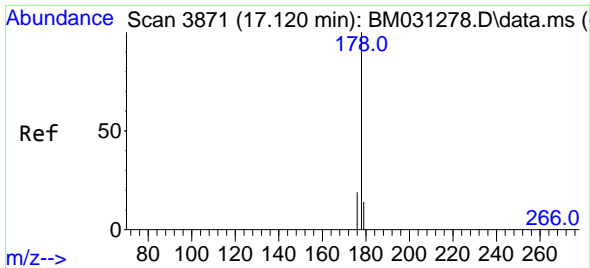
#15
 Phenanthrene
 Concen: 0.632 ng/u1
 RT: 17.027 min Scan# 3844
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



Tgt Ion: 178 Resp: 7603

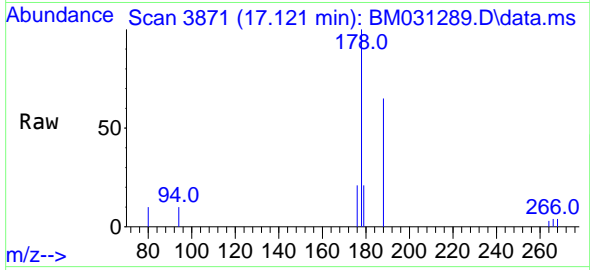
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	19.9	16.2	24.4





#16
 Anthracene
 Concen: 0.165 ng/uI
 RT: 17.121 min Scan# 3871
 Delta R.T. 0.000 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

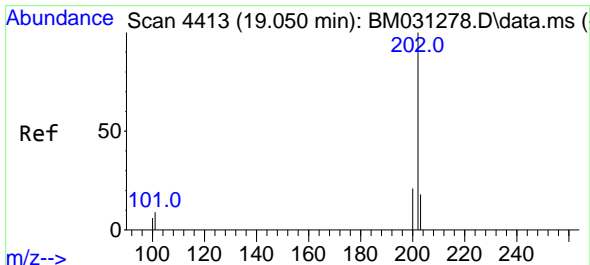
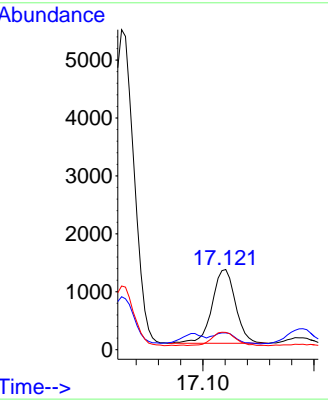
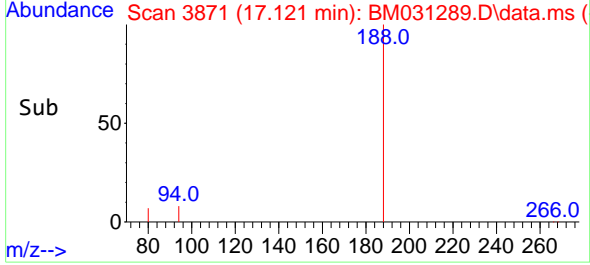
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ClientSampled :
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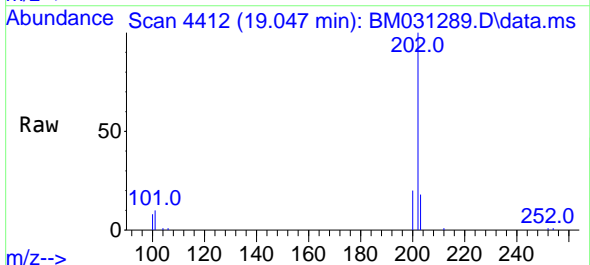
Tgt Ion:178 Resp: 1865

Ion	Ratio	Lower	Upper
178	100		
179	21.0	13.0	19.6#
176	21.5	15.6	23.4

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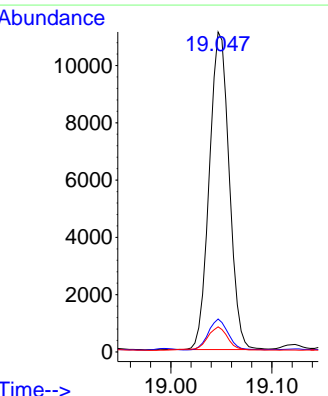
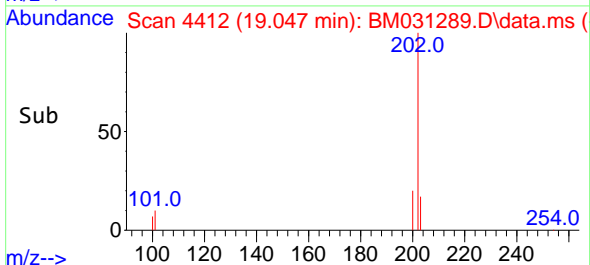


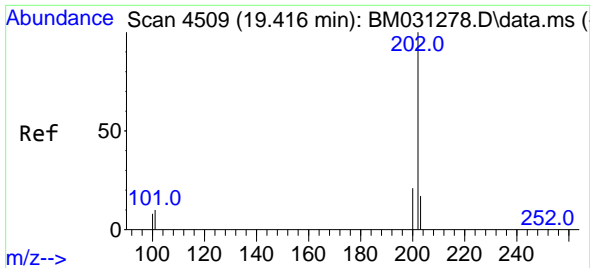
#19
 Fluoranthene
 Concen: 1.141 ng/uI
 RT: 19.047 min Scan# 4412
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



Tgt Ion:202 Resp: 15074

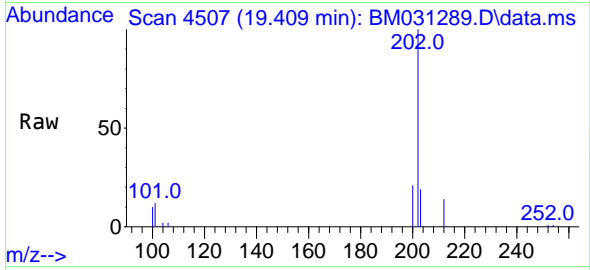
Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.6	10.0#
100	7.8	5.4	8.0





#20
 Pyrene
 Concen: 1.033 ng/u1
 RT: 19.409 min Scan# 4507
 Delta R.T. -0.003 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

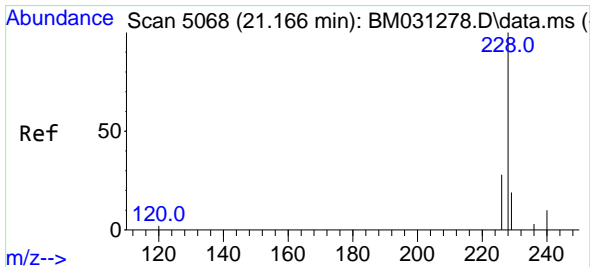
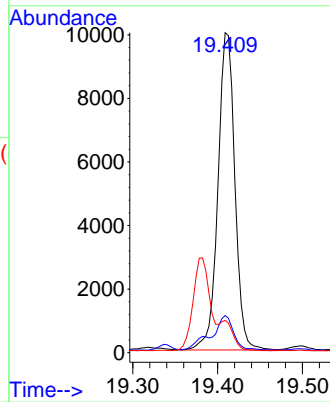
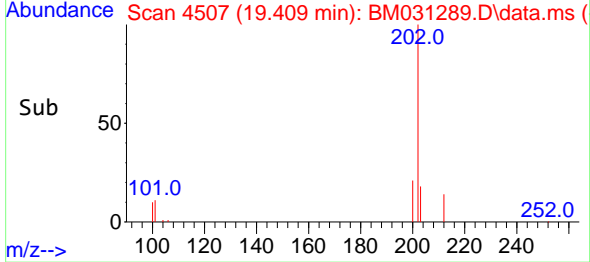
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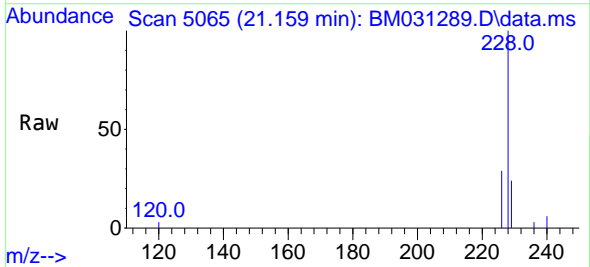
Tgt Ion:202 Resp: 13841
 Ion Ratio Lower Upper
 202 100
 101 11.6 7.8 11.6
 100 10.1 6.6 10.0#

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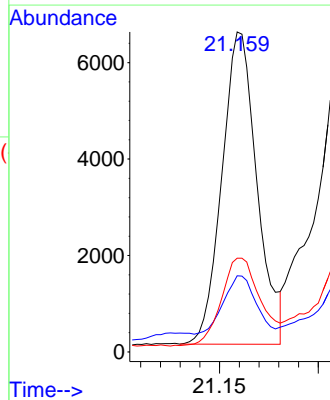
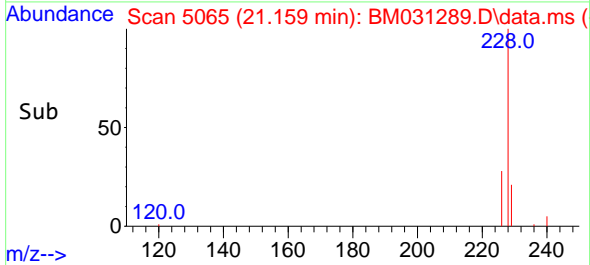
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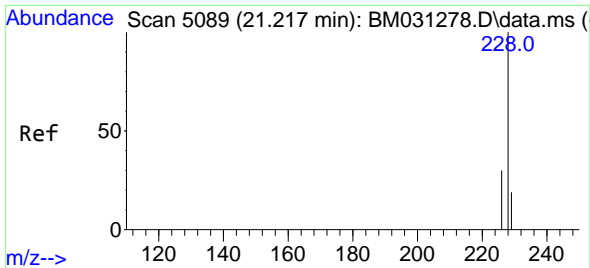


#21
 Benzo(a)anthracene
 Concen: 0.640 ng/u1
 RT: 21.159 min Scan# 5065
 Delta R.T. -0.002 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



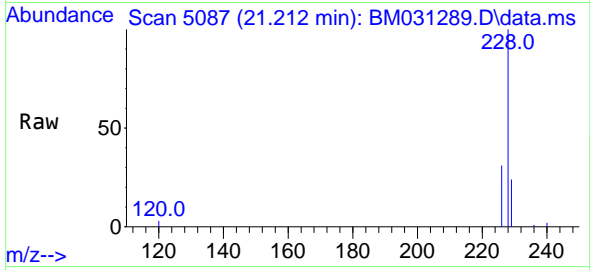
Tgt Ion:228 Resp: 8002
 Ion Ratio Lower Upper
 228 100
 229 23.8 15.6 23.4#
 226 29.3 21.7 32.5





#22
 Chrysene
 Concen: 0.739 ng/ul m
 RT: 21.212 min Scan# 5087
 Delta R.T. -0.002 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

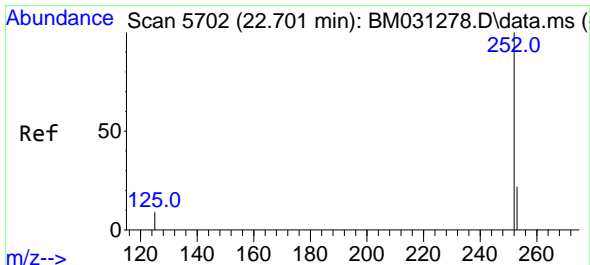
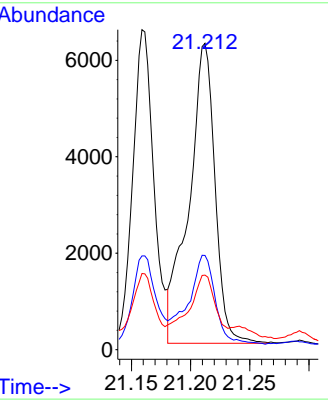
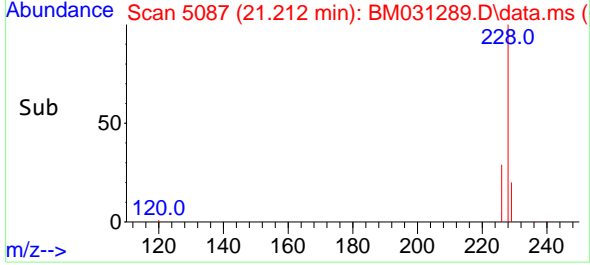
Instrument :
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ClientSampled :
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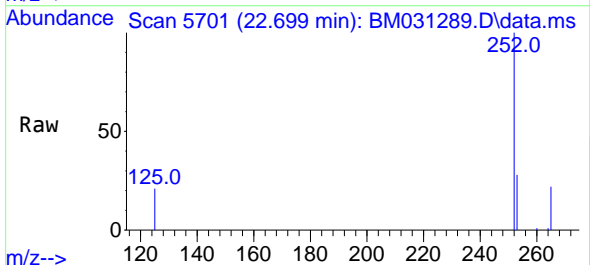
Tgt Ion:228 Resp: 9562

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	24.4	16.2	24.2#

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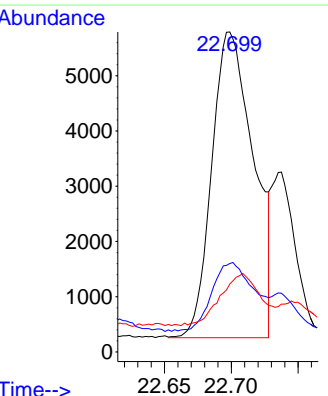
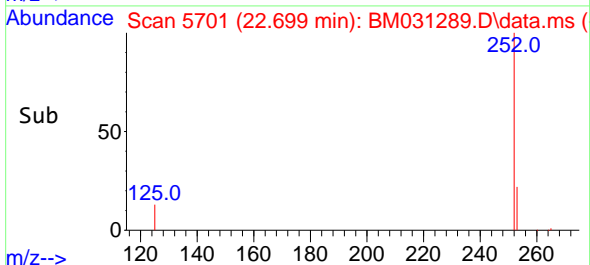


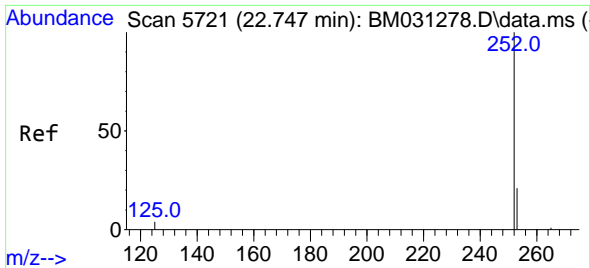
#24
 Benzo(b)fluoranthene
 Concen: 0.861 ng/ul m
 RT: 22.699 min Scan# 5701
 Delta R.T. 0.000 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



Tgt Ion:252 Resp: 12053

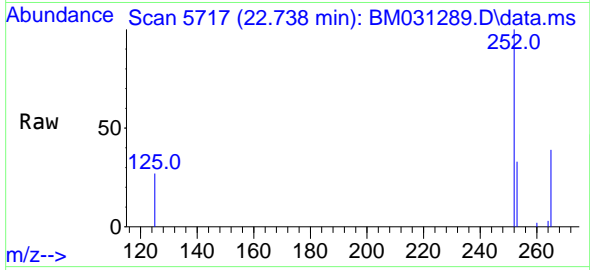
Ion	Ratio	Lower	Upper
252	100		
253	27.6	0.0	53.0
125	21.3	0.0	22.8





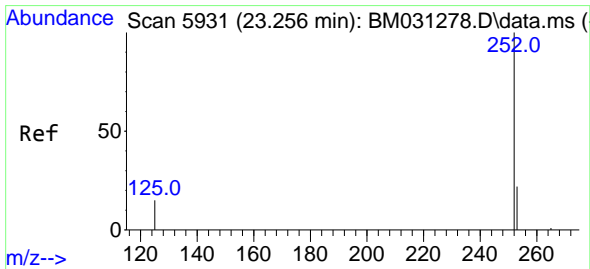
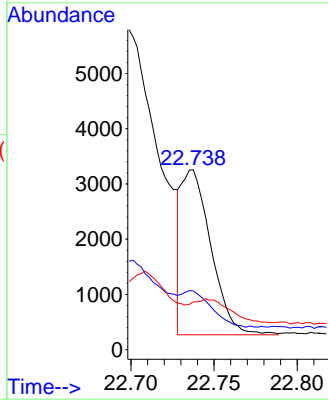
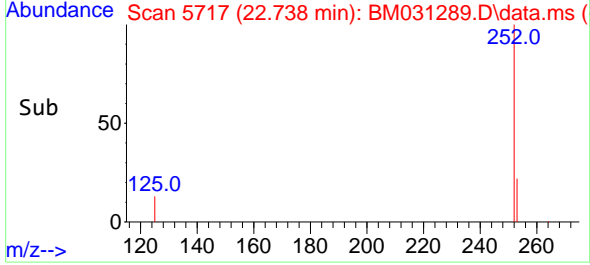
#25
 Benzo(k)fluoranthene
 Concen: 0.257 ng/ul m
 RT: 22.738 min Scan# 5717
 Delta R.T. -0.002 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

Instrument :
 BNA_M
ClientSampled :
 C0040DL

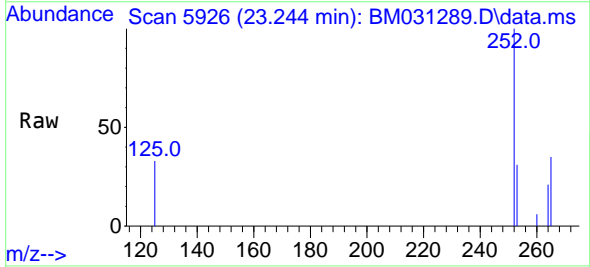


Tgt Ion:252 Resp: 3716
 Ion Ratio Lower Upper
 252 100
 253 32.6 21.3 31.9#
 125 26.6 8.8 13.2#

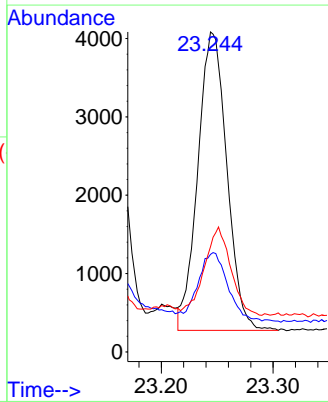
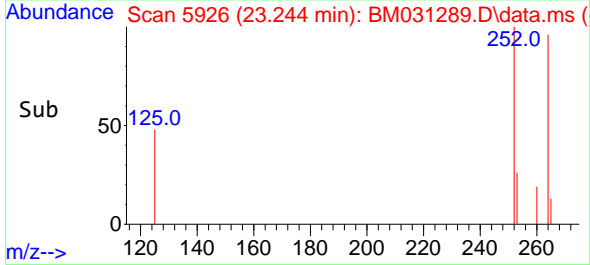
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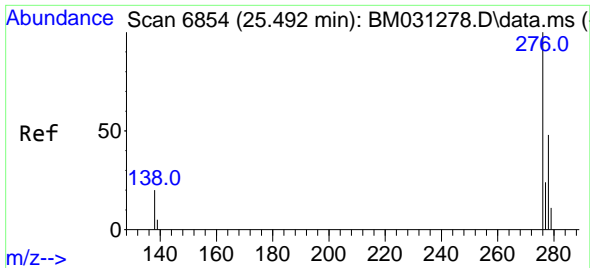


#26
 Benzo(a)pyrene
 Concen: 0.561 ng/ul
 RT: 23.244 min Scan# 5926
 Delta R.T. -0.004 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



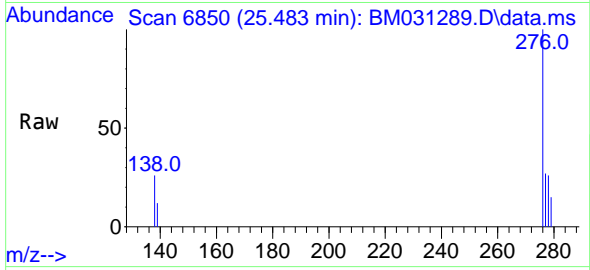
Tgt Ion:252 Resp: 6872
 Ion Ratio Lower Upper
 252 100
 253 30.5 22.4 33.6
 125 32.9 13.0 19.4#





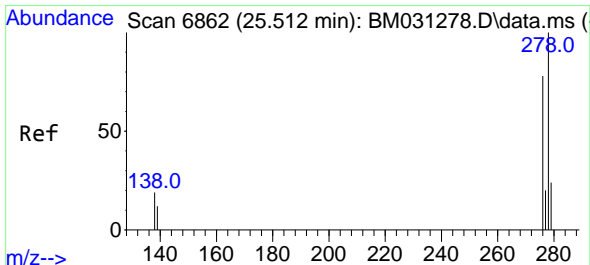
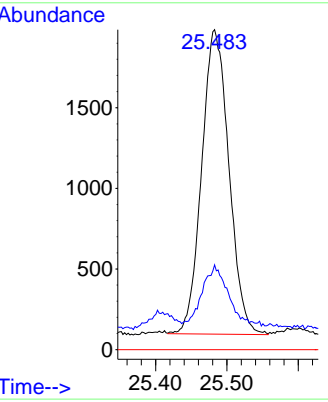
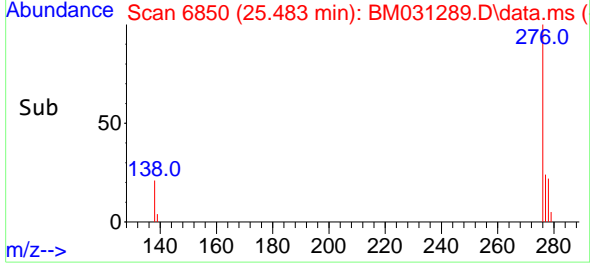
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.316 ng/uI
 RT: 25.483 min Scan# 6850
 Delta R.T. -0.007 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

Instrument :
 BNA_M
ClientSampled :
 C0040DL

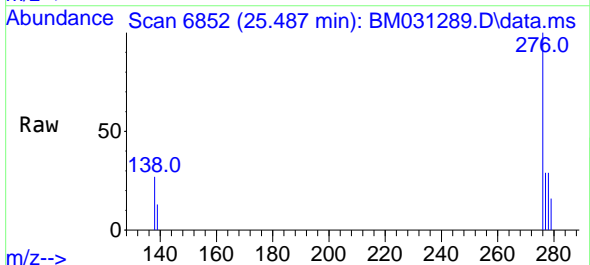


Tgt Ion:276 Resp: 5002
 Ion Ratio Lower Upper
 276 100
 138 22.0 15.8 23.8
 227 0.0 0.0 0.0

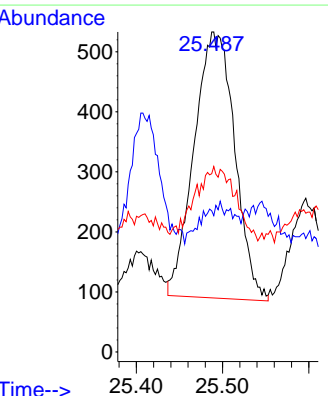
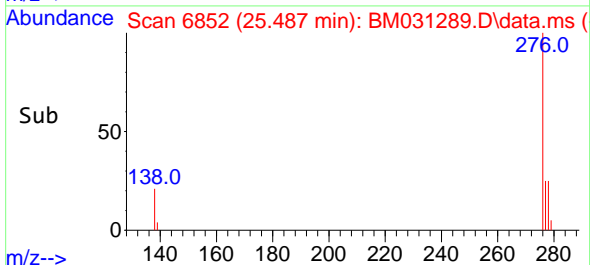
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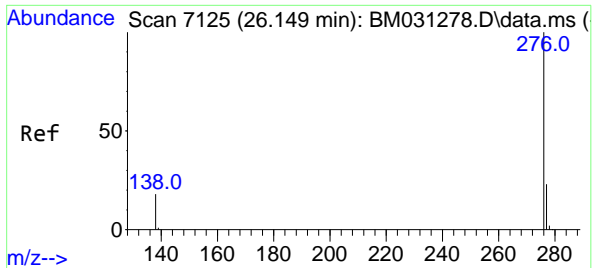


#28
 Dibenzo(a,h)anthracene
 Concen: 0.114 ng/uI
 RT: 25.487 min Scan# 6852
 Delta R.T. -0.016 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48



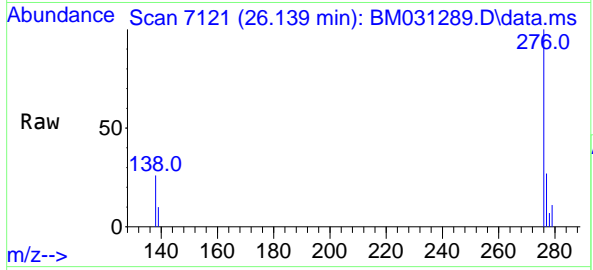
Tgt Ion:278 Resp: 1450
 Ion Ratio Lower Upper
 278 100
 139 44.1 13.3 19.9#
 279 55.7 22.8 34.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.328 ng/ul
 RT: 26.139 min Scan# 7121
 Delta R.T. -0.004 min
 Lab File: BM031289.D
 Acq: 30 Jul 2021 23:48

Instrument :
 BNA_M
ClientSampled :
 C0040DL



Tgt Ion: 276 Resp: 4430

Ion	Ratio	Lower	Upper
276	100		
138	26.4	15.4	23.2#
277	27.1	19.9	29.9

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