

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031212.D
 Acq On : 28 Jul 2021 15:27
 Operator : CG/JU
 Sample : M3082-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0006

Manual Integrations
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Quant Time: Jul 28 17:14:55 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	2020	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	7514	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.243	164	5122	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8682	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.188	240	6903	0.400	ng/ul	# 0.00
23) Perylene-d12	23.355	264	6625	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	4381	1.953	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	2062	0.163	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	4496	0.195	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	33549	1.499	ng/ul	98
7) 2-Methylnaphthalene	12.047	142	33609	2.198	ng/ul	100
8) 1-Methylnaphthalene	12.268	142	29082	1.925	ng/ul	99
10) Acenaphthylene	13.963	152	5089	0.233	ng/ul#	86
11) Acenaphthene	14.307	153	4278	0.233	ng/ul	95
12) Fluorene	15.300	166	18912	0.895	ng/ul#	86
14) Pentachlorophenol	16.641	266	85	0.031	ng/ul#	80
15) Phenanthrene	17.034	178	172619	6.261	ng/ul	99
16) Anthracene	17.124	178	17379	0.673	ng/ul#	89
19) Fluoranthene	19.058	202	81579	2.768	ng/ul#	93
20) Pyrene	19.420	202	83932	2.807	ng/ul#	94
21) Benzo(a)anthracene	21.171	228	42396	1.521	ng/ul#	63
22) Chrysene	21.224	228	95976	3.328	ng/ul#	85
24) Benzo(b)fluoranthene	22.711	252	45996m	1.541	ng/ul	
25) Benzo(k)fluoranthene	22.750	252	9588m	0.311	ng/ul	
26) Benzo(a)pyrene	23.263	252	19195	0.734	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	25.504	276	13773	0.408	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.512	278	7566	0.278	ng/ul#	21
29) Benzo(g,h,i)perylene	26.161	276	2923	0.101	ng/ul#	41

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

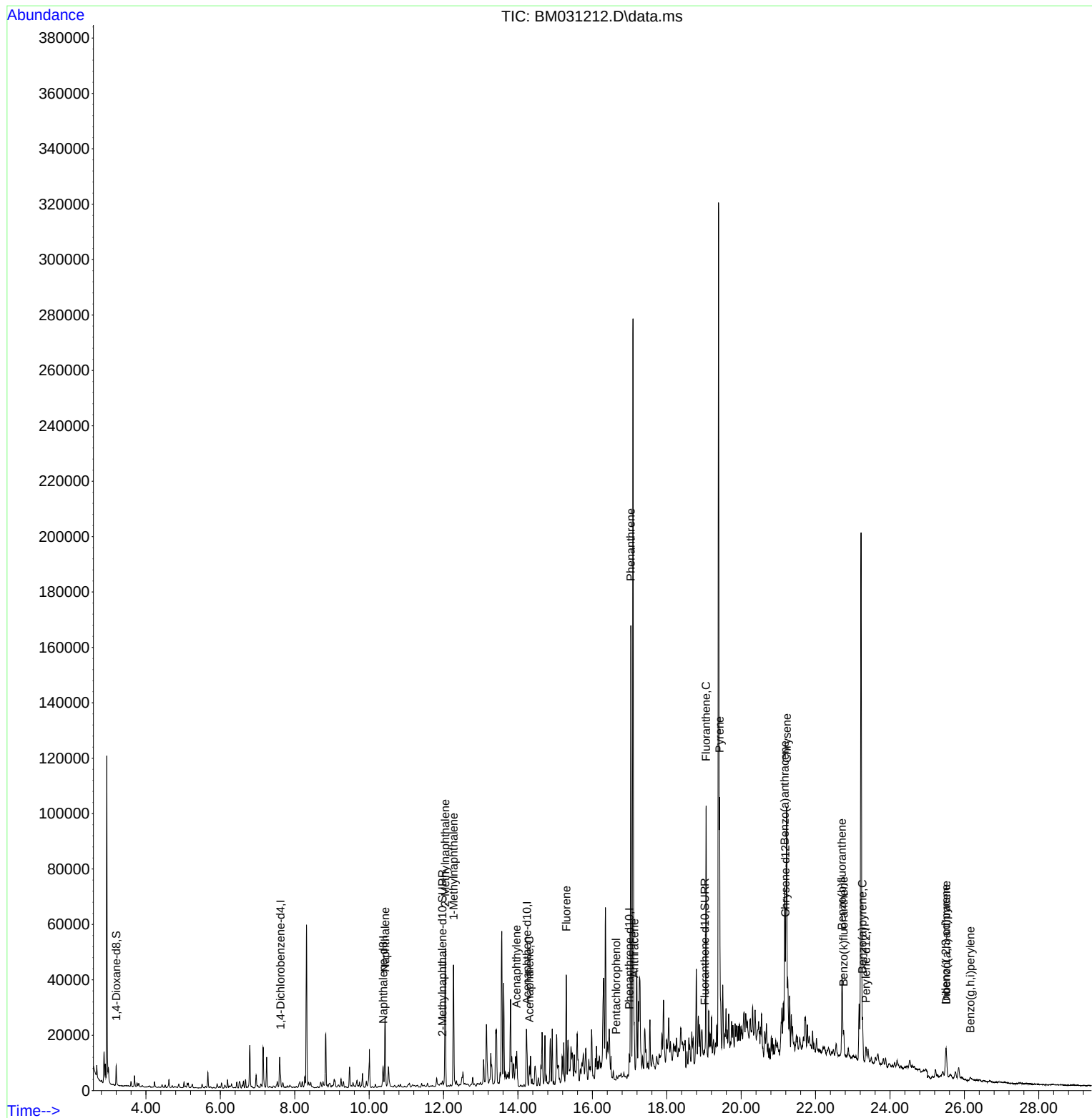
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
Data File : BM031212.D
Acq On : 28 Jul 2021 15:27
Operator : CG/JU
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ALS Vial : 11 Sample Multiplier: 1

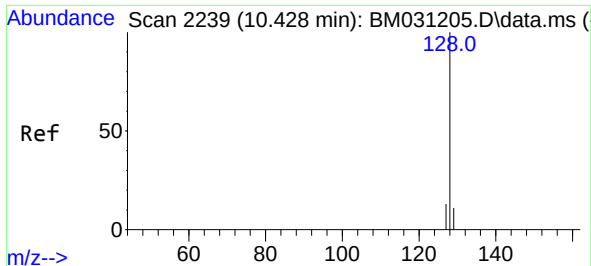
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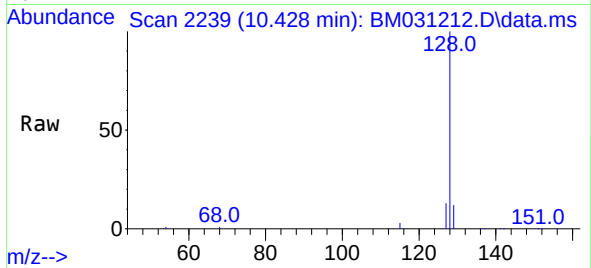
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Quant Time: Jul 28 17:14:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
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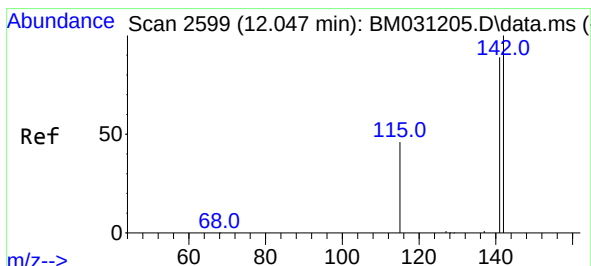
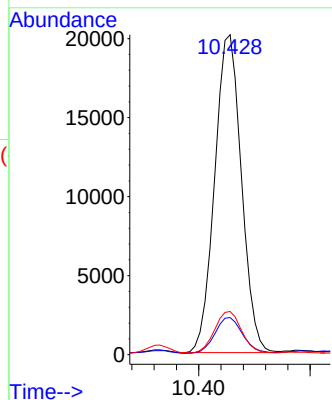
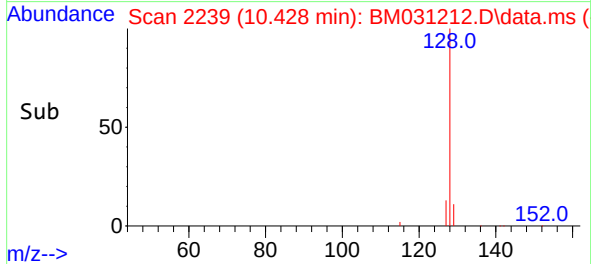




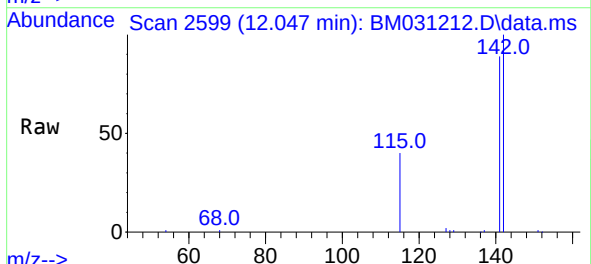
#5
Naphthalene
Concen: 1.499 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



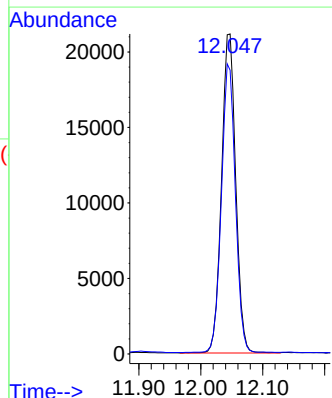
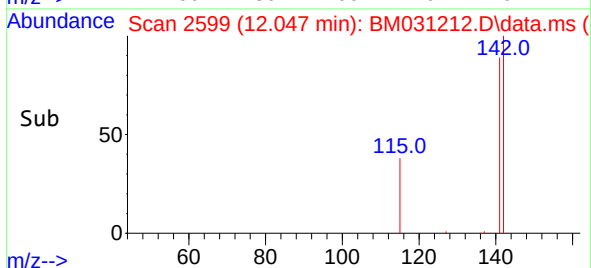
Tgt Ion:128 Resp: 33549
Ion Ratio Lower Upper
128 100
129 11.6 10.0 15.0
127 13.5 11.6 17.4



#7
2-Methylnaphthalene
Concen: 2.198 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



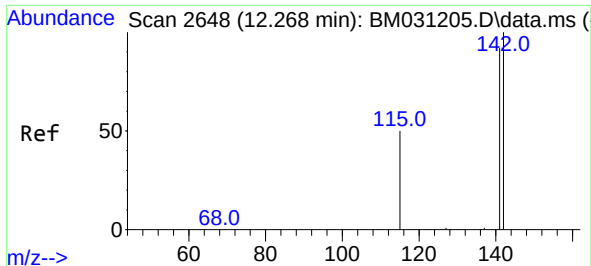
Tgt Ion:142 Resp: 33609
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0



Instrument :
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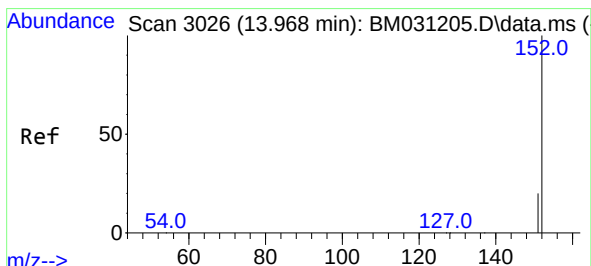
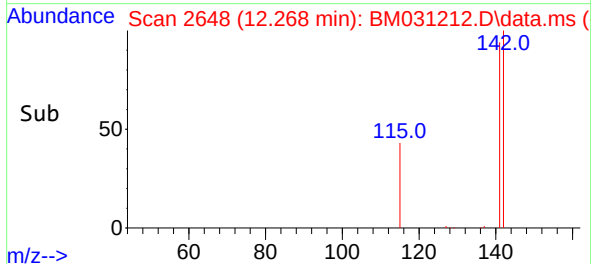
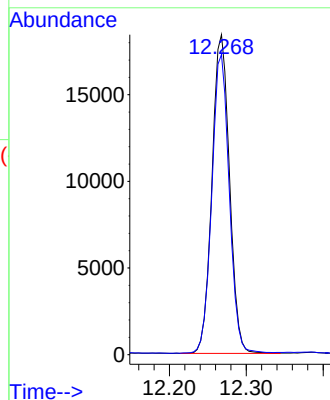
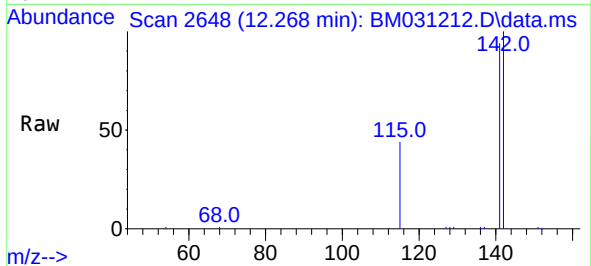
#8
1-Methylnaphthalene
Concen: 1.925 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:142 Resp: 29082
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

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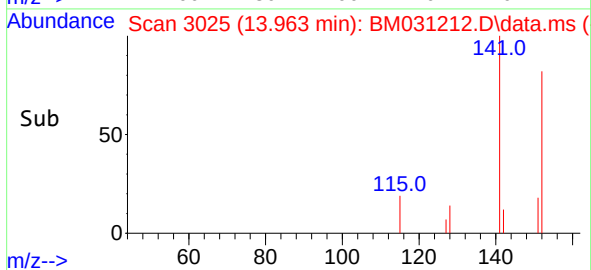
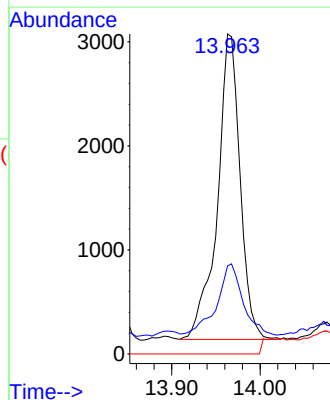
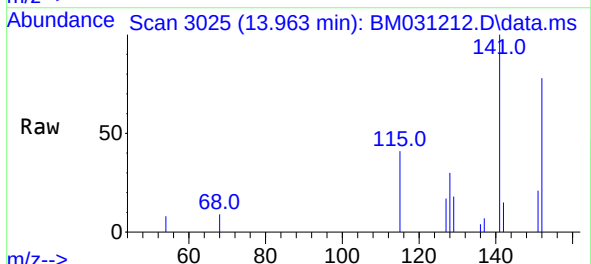
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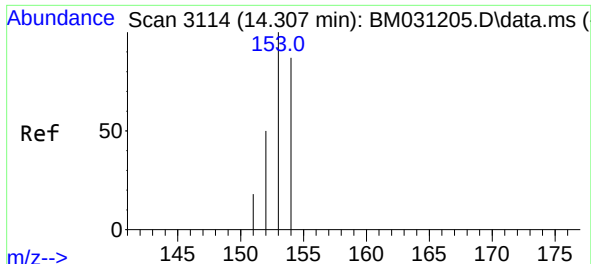
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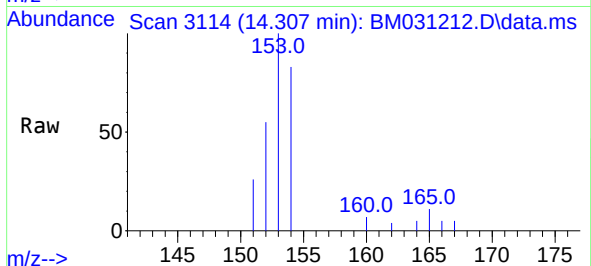
#10
Acenaphthylene
Concen: 0.233 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:152 Resp: 5089
Ion Ratio Lower Upper
152 100
151 27.6 16.9 25.3#
153 0.0 0.0 0.0

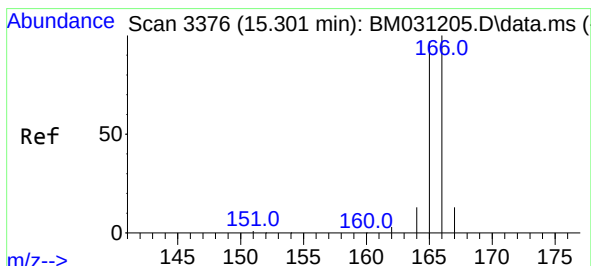
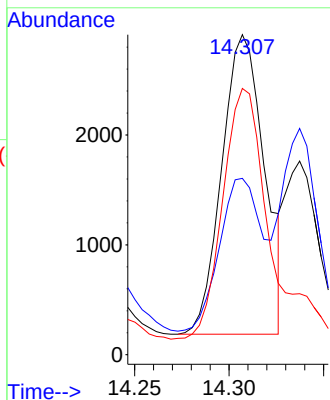
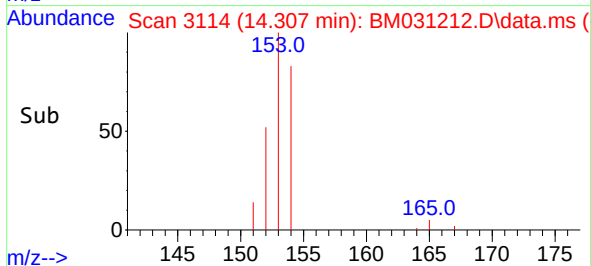




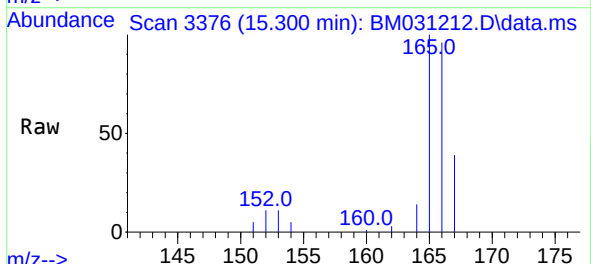
#11
Acenaphthene
Concen: 0.233 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



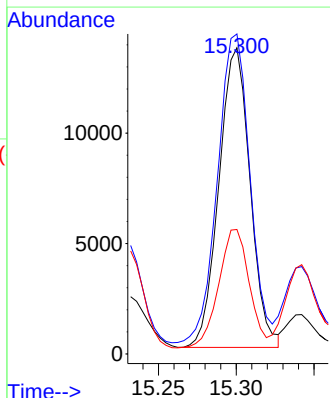
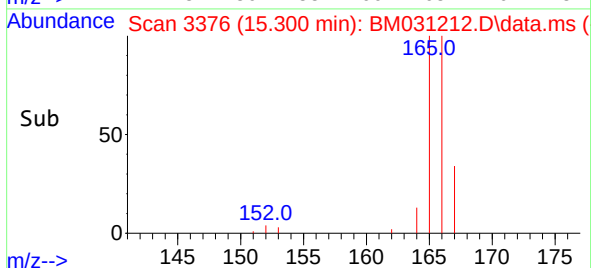
Tgt Ion:153 Resp: 4278
Ion Ratio Lower Upper
153 100
152 55.1 40.7 61.1
154 83.2 70.2 105.2



#12
Fluorene
Concen: 0.895 ng/ul
RT: 15.300 min Scan# 3376
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



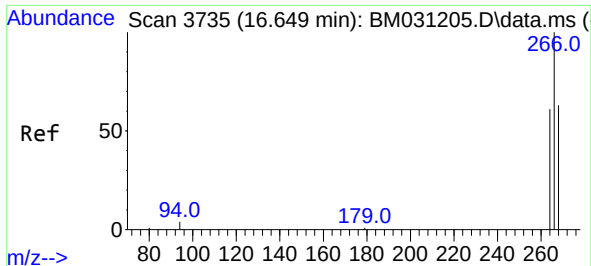
Tgt Ion:166 Resp: 18912
Ion Ratio Lower Upper
166 100
165 104.5 78.0 117.0
167 40.7 12.0 18.0#



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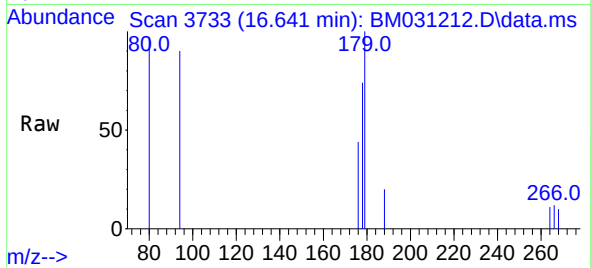
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#14
Pentachlorophenol
Concen: 0.031 ng/ul
RT: 16.641 min Scan# 3733
Delta R.T. -0.007 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Instrument :
BNA_M
ClientSampled :
C0006

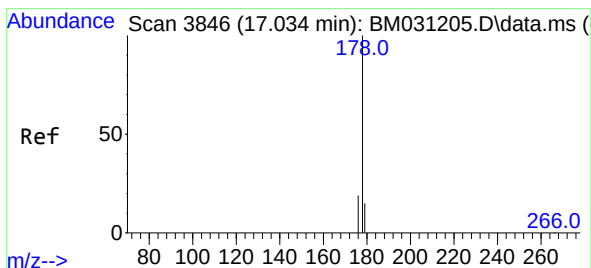
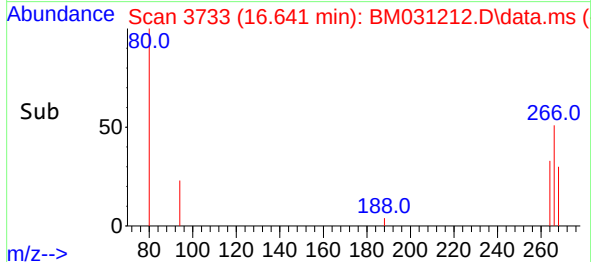
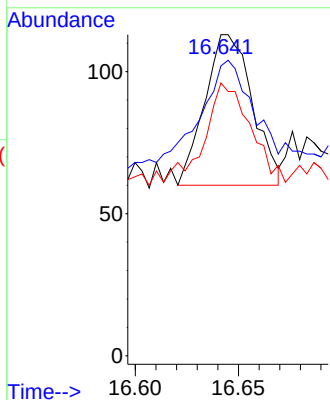


Tgt Ion:266 Resp: 85

Ion	Ratio	Lower	Upper
266	100		
264	89.4	50.1	75.1#
268	68.2	51.3	76.9

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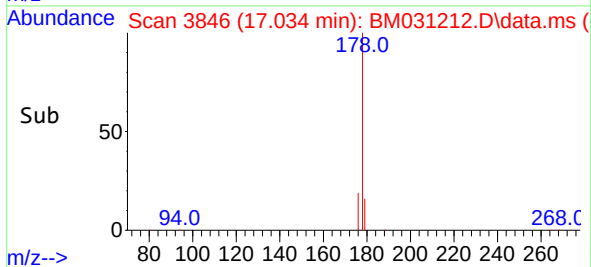
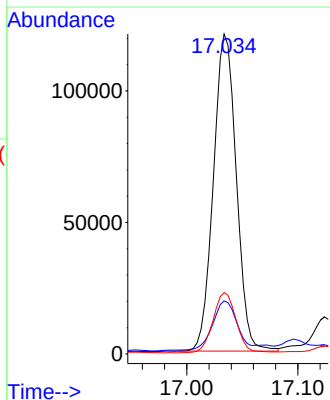
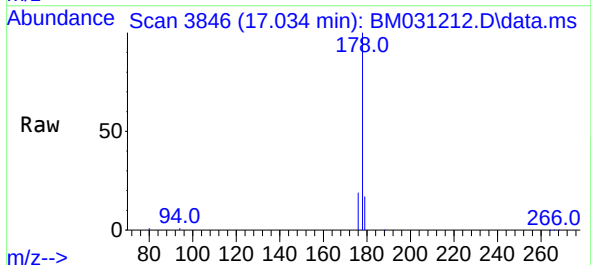
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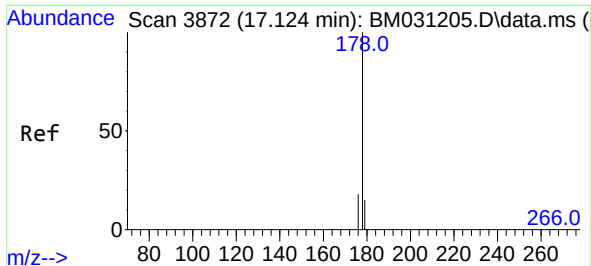


#15
Phenanthrene
Concen: 6.261 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. -0.000 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:178 Resp: 172619

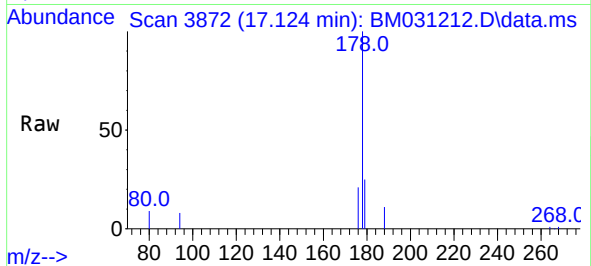
Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.3	19.9
176	19.2	16.2	24.4





#16
 Anthracene
 Concen: 0.673 ng/u1
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031212.D
 Acq: 28 Jul 2021 15:27

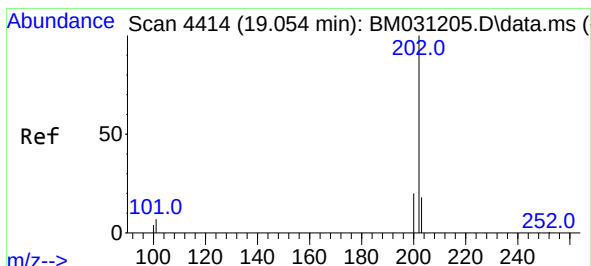
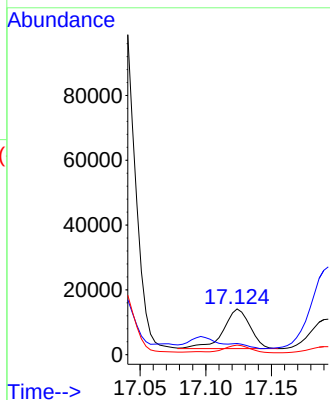
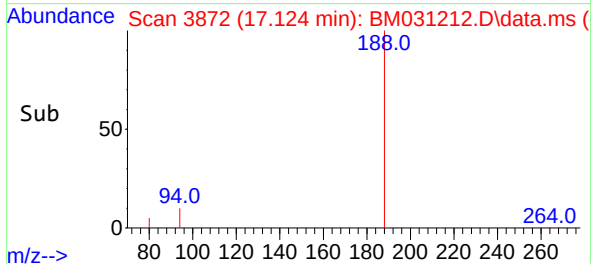
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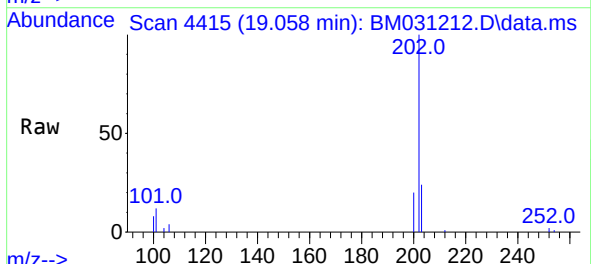
Tgt Ion:178 Resp: 17379
 Ion Ratio Lower Upper
 178 100
 179 24.6 13.0 19.6#
 176 21.0 15.6 23.4

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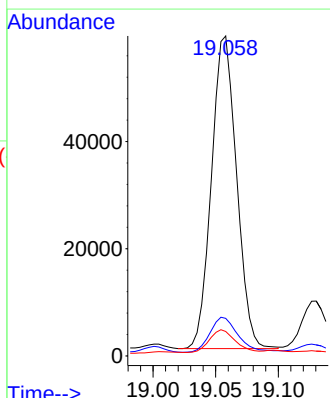
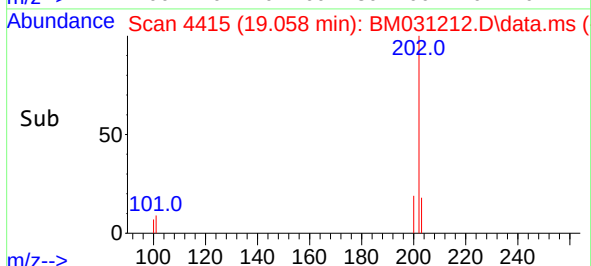
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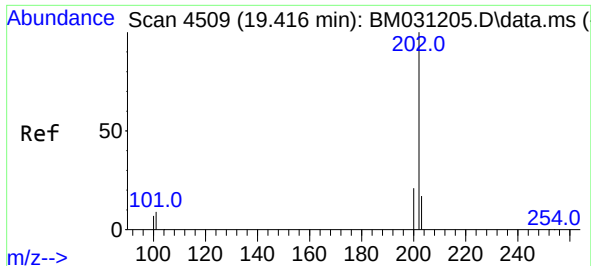


#19
 Fluoranthene
 Concen: 2.768 ng/u1
 RT: 19.058 min Scan# 4415
 Delta R.T. 0.004 min
 Lab File: BM031212.D
 Acq: 28 Jul 2021 15:27



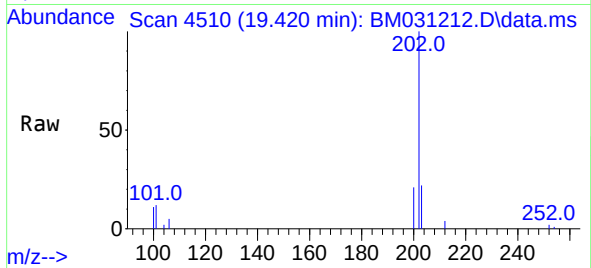
Tgt Ion:202 Resp: 81579
 Ion Ratio Lower Upper
 202 100
 101 11.7 6.6 10.0#
 100 7.6 5.4 8.0





#20
Pyrene
Concen: 2.807 ng/ul
RT: 19.420 min Scan# 4510
Delta R.T. 0.004 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

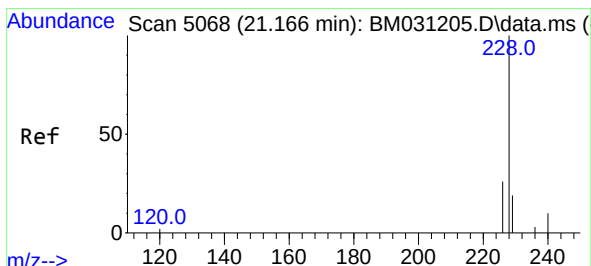
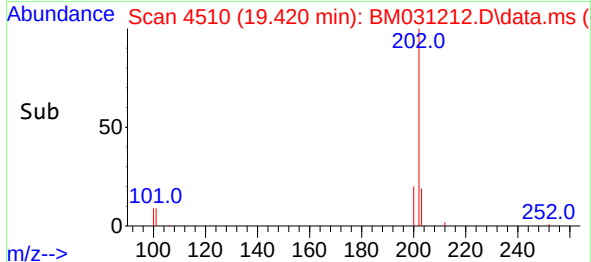
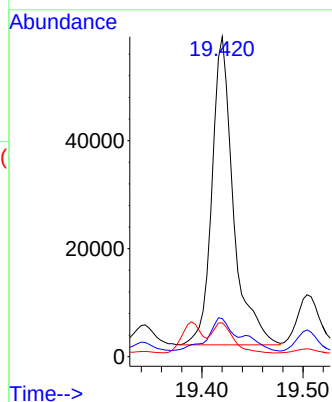
Instrument :
BNA_M
ClientSampled :
C0006



Tgt Ion:202 Resp: 83932
Ion Ratio Lower Upper
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101 11.9 7.8 11.6#
100 10.6 6.6 10.0#

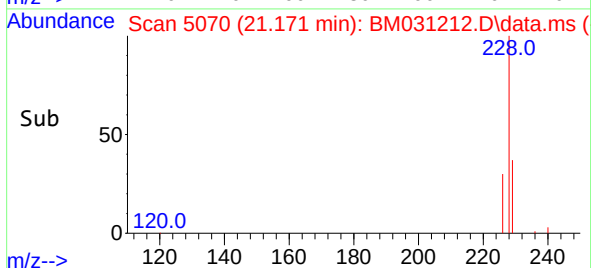
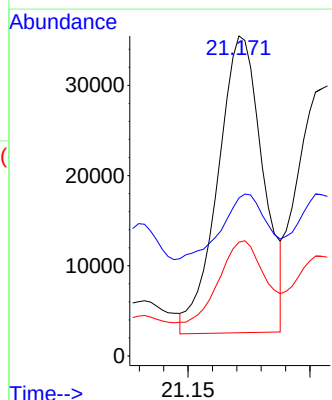
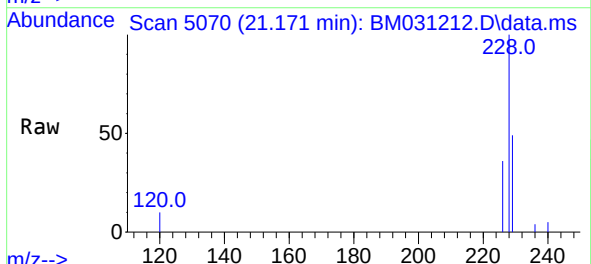
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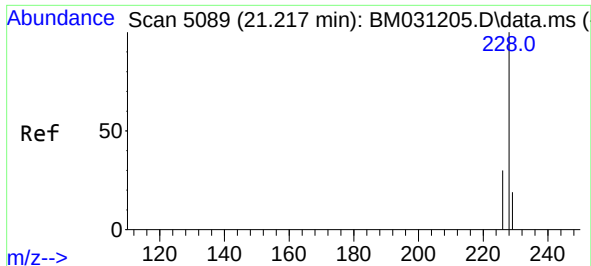
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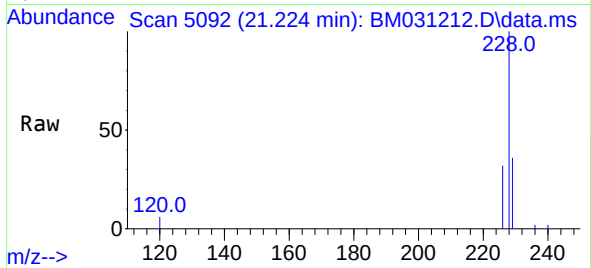
#21
Benzo(a)anthracene
Concen: 1.521 ng/ul
RT: 21.171 min Scan# 5070
Delta R.T. 0.005 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:228 Resp: 42396
Ion Ratio Lower Upper
228 100
229 49.4 15.6 23.4#
226 35.6 21.7 32.5#

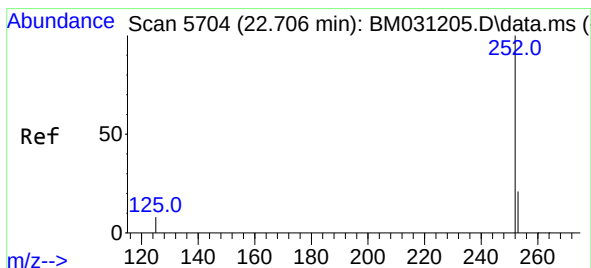
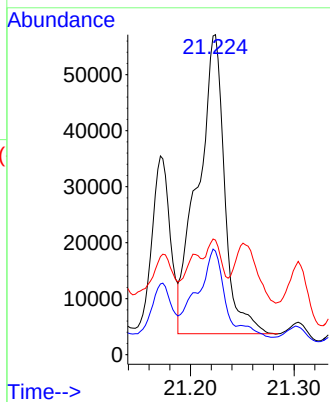
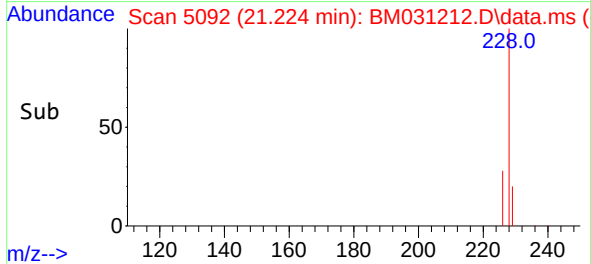




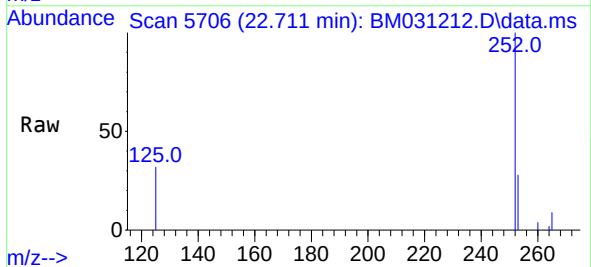
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Chrysene
Concen: 3.328 ng/ul
RT: 21.224 min Scan# 5092
Delta R.T. 0.007 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



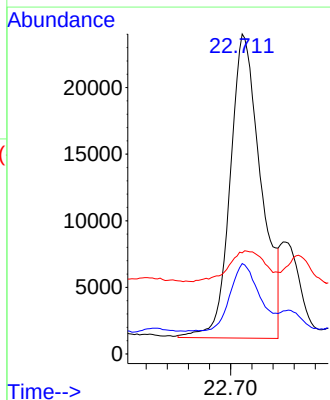
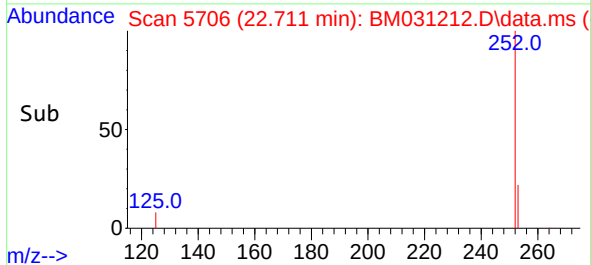
Tgt Ion:228 Resp: 95976
Ion Ratio Lower Upper
228 100
226 32.4 24.7 37.1
229 35.8 16.2 24.2#



#24
Benzo(b)fluoranthene
Concen: 1.541 ng/ul m
RT: 22.711 min Scan# 5706
Delta R.T. 0.005 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27



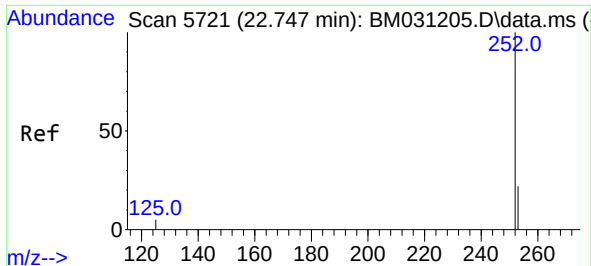
Tgt Ion:252 Resp: 45996
Ion Ratio Lower Upper
252 100
253 28.3 0.0 53.0
125 31.6 0.0 22.8#



Instrument :
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ClientSampled :
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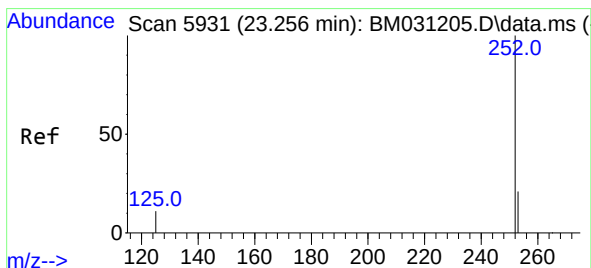
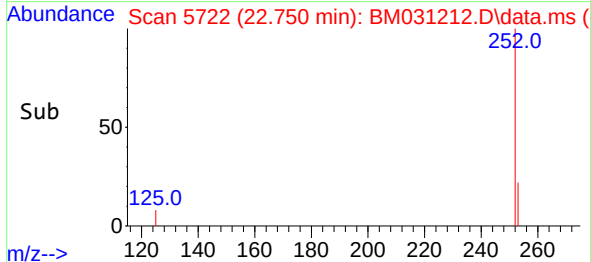
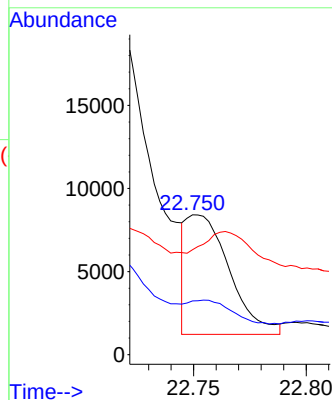
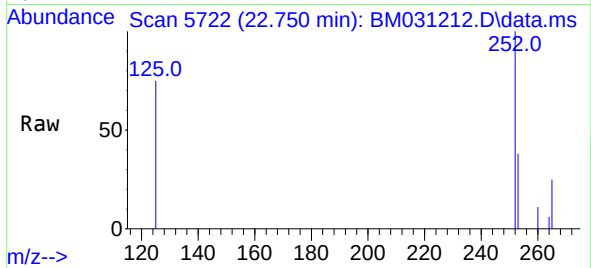
#25
Benzo(k)fluoranthene
Concen: 0.311 ng/ul m
RT: 22.750 min Scan# 5722
Delta R.T. 0.002 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:252 Resp: 9588
Ion Ratio Lower Upper
252 100
253 38.5 21.3 31.9#
125 75.1 8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0006

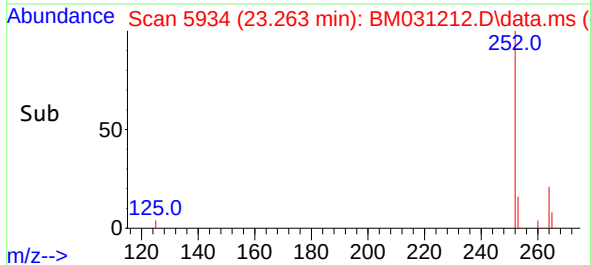
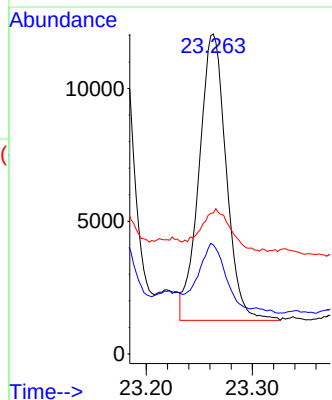
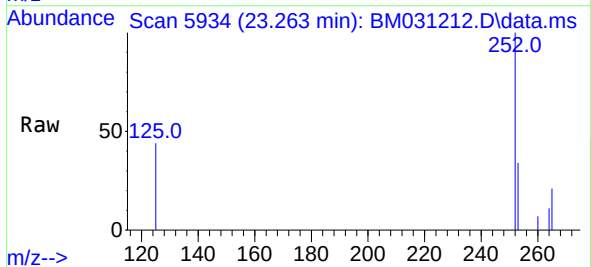
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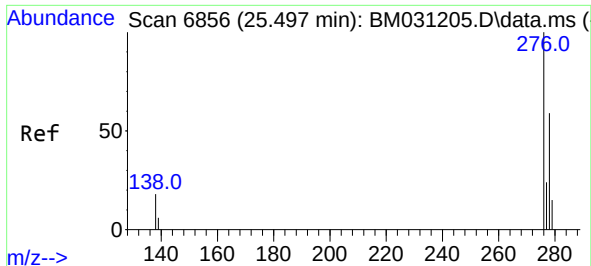
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#26
Benzo(a)pyrene
Concen: 0.734 ng/ul
RT: 23.263 min Scan# 5934
Delta R.T. 0.007 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion:252 Resp: 19195
Ion Ratio Lower Upper
252 100
253 34.1 22.4 33.6#
125 44.1 13.0 19.4#





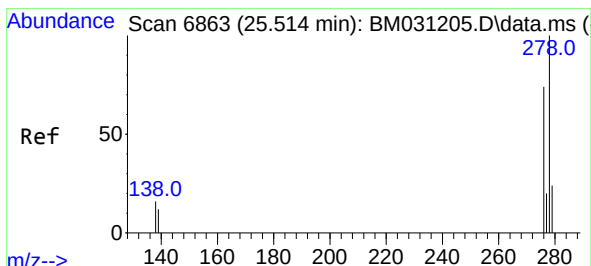
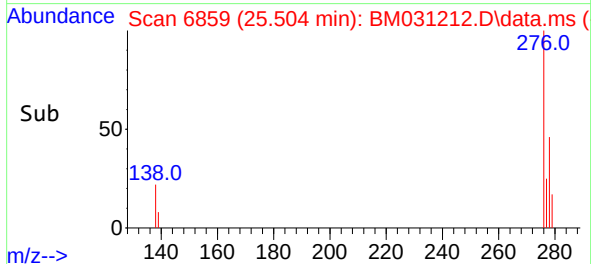
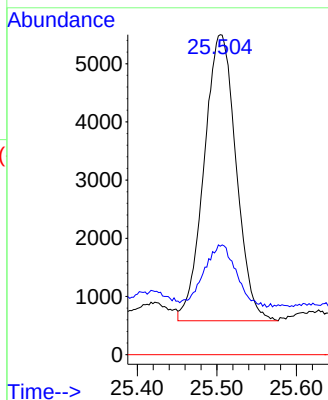
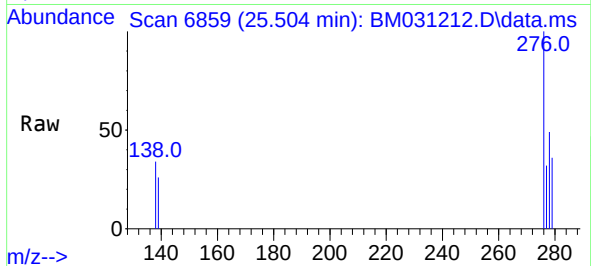
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.408 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. 0.007 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion: 276 Resp: 13773
Ion Ratio Lower Upper
276 100
138 21.7 15.8 23.8
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampled :
C0006

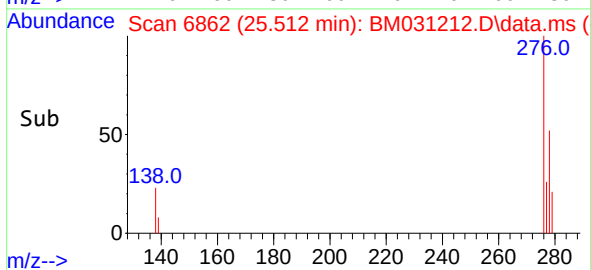
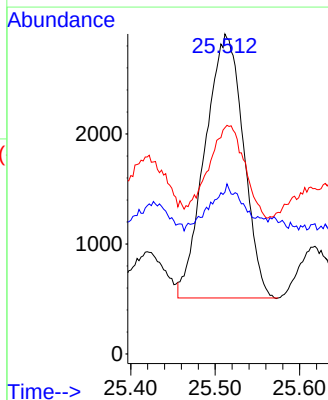
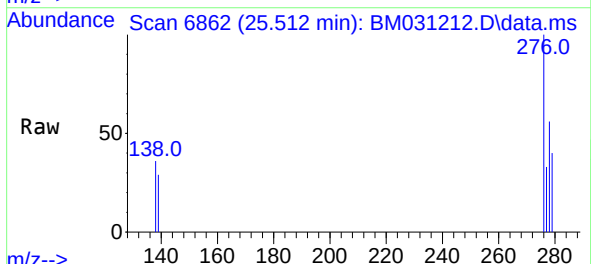
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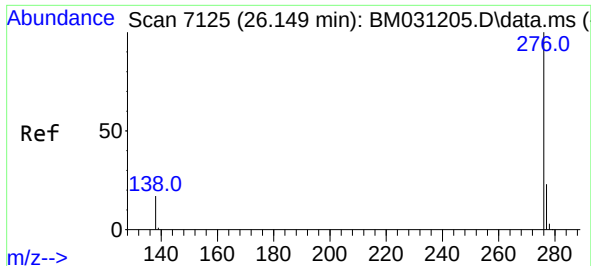
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#28
Dibenzo(a,h)anthracene
Concen: 0.278 ng/ul
RT: 25.512 min Scan# 6862
Delta R.T. -0.003 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion: 278 Resp: 7566
Ion Ratio Lower Upper
278 100
139 50.5 13.3 19.9#
279 70.7 22.8 34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.101 ng/ul
RT: 26.161 min Scan# 7130
Delta R.T. 0.012 min
Lab File: BM031212.D
Acq: 28 Jul 2021 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	55.8	15.4	23.2#
277	46.0	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0006

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