

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031736.D
 Acq On : 14 Aug 2021 04:57
 Operator : CG/JU
 Sample : M3208-05DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E5DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:41:01 AM

Quant Time: Aug 14 05:28:47 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 : Thu Aug 12 17:28:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1403	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	5056	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2711	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	5177	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.147	240	4259	0.400	ng/ul	#-0.01
23) Perylene-d12	23.302	264	4257	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	707	0.454	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	263	0.031	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	527	0.037	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	499	0.033	ng/ul#	69
7) 2-Methylnaphthalene	11.998	142	494	0.048	ng/ul	100
8) 1-Methylnaphthalene	12.223	142	483	0.048	ng/ul	99
10) Acenaphthylene	13.923	152	1268	0.110	ng/ul#	90
12) Fluorene	15.259	166	312	0.028	ng/ul#	89
15) Phenanthrene	16.992	178	5456	0.332	ng/ul	99
16) Anthracene	17.086	178	1300	0.084	ng/ul#	91
19) Fluoranthene	19.016	202	10421	0.573	ng/ul	98
20) Pyrene	19.378	202	8901	0.483	ng/ul	97
21) Benzo(a)anthracene	21.132	228	4949	0.288	ng/ul	91
22) Chrysene	21.183	228	5419	0.305	ng/ul	95
24) Benzo(b)fluoranthene	22.665	252	7163m	0.373	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	2294m	0.116	ng/ul	
26) Benzo(a)pyrene	23.207	252	4322	0.257	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.429	276	3151	0.145	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.436	278	846	0.048	ng/ul#	28
29) Benzo(g,h,i)perylene	26.083	276	569	0.031	ng/ul#	42

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

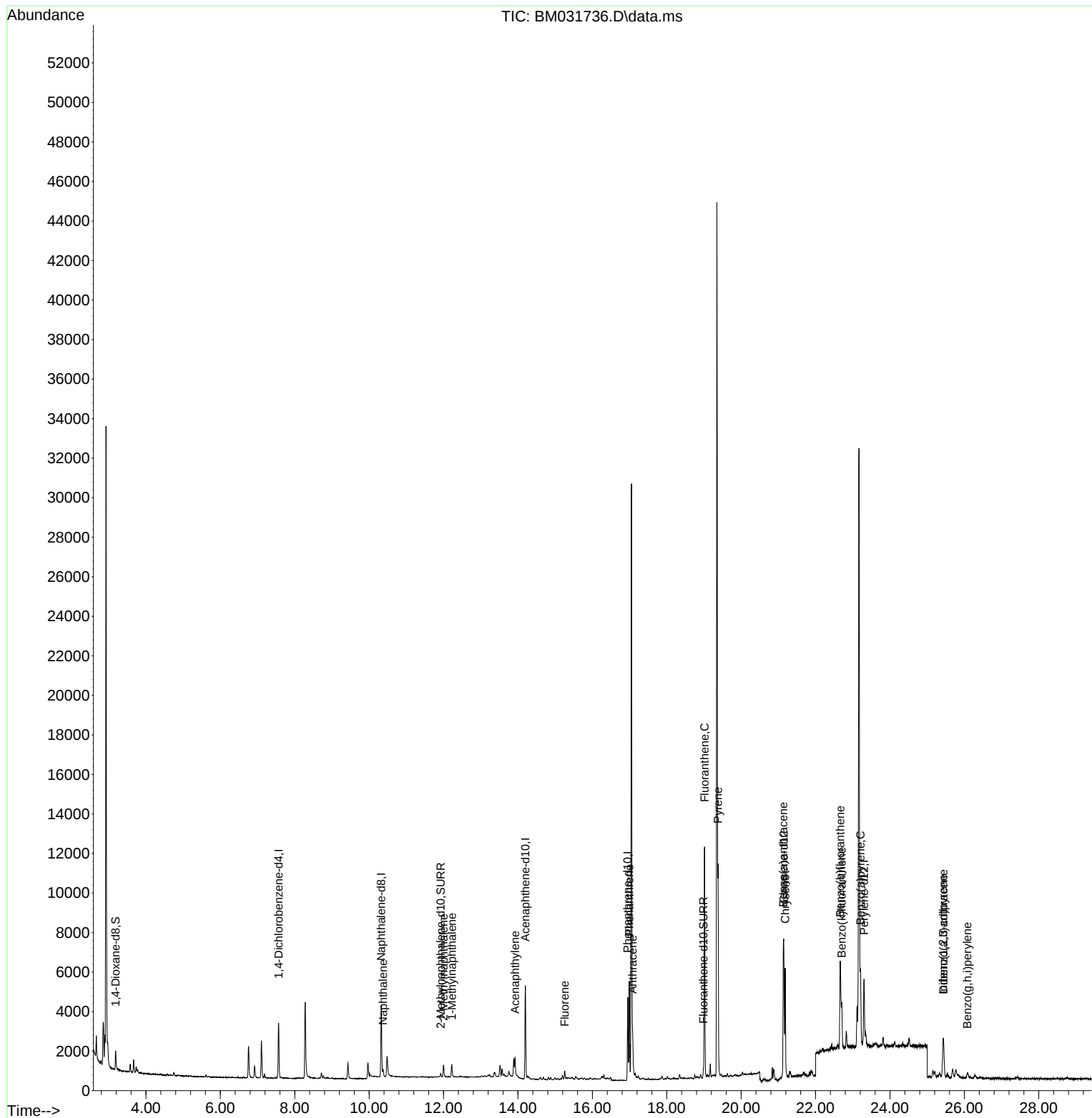
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031736.D
Acq On : 14 Aug 2021 04:57
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ALS Vial : 25 Sample Multiplier: 1

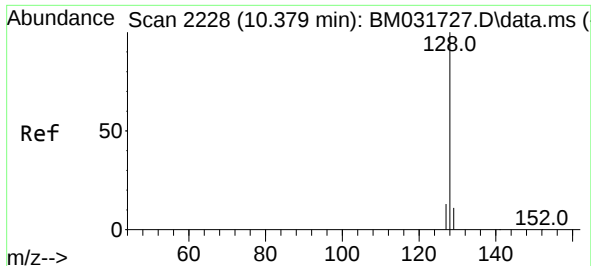
Instrument :
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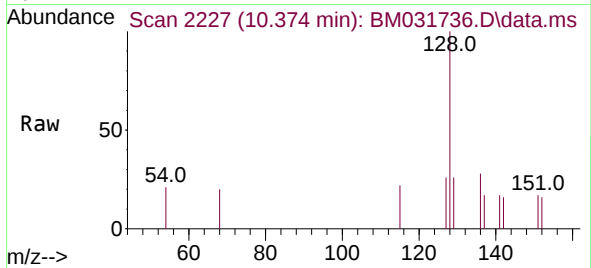
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Quant Time: Aug 14 05:28:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

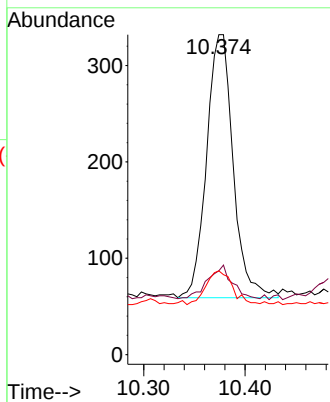
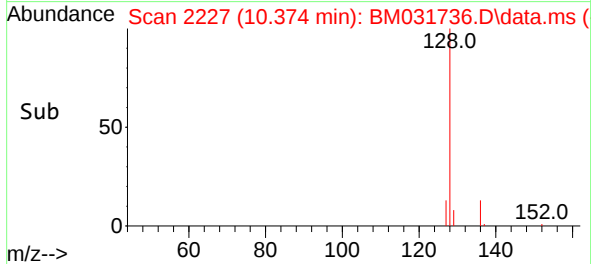




#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



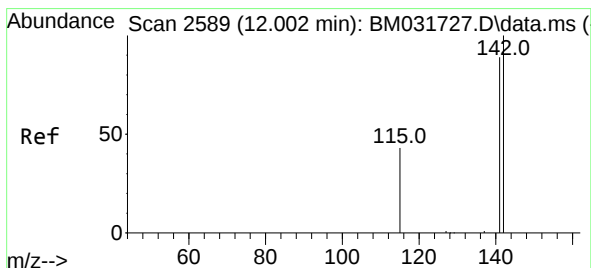
Tgt Ion:128 Resp: 499
Ion Ratio Lower Upper
128 100
129 26.2 10.0 15.0#
127 26.2 11.6 17.4#



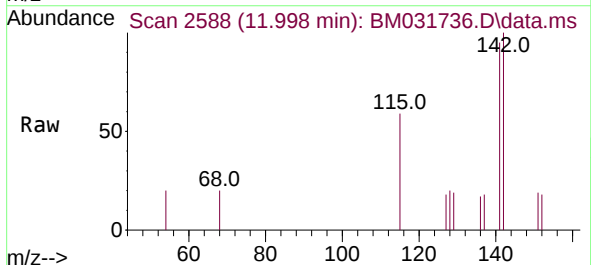
Instrument :
BNA_M
ClientSampled :
C00E5DL

Manual Integrations
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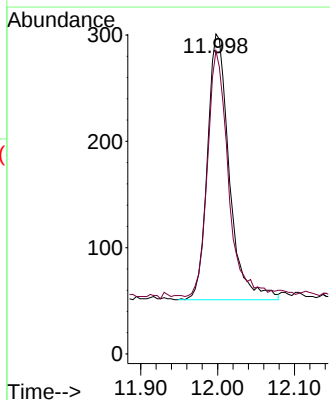
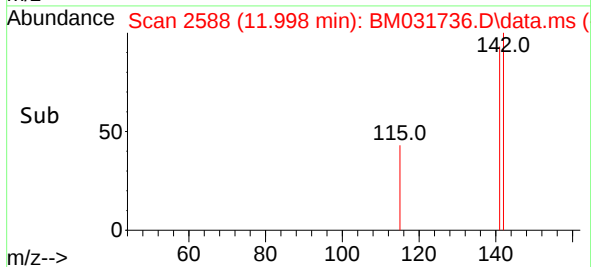
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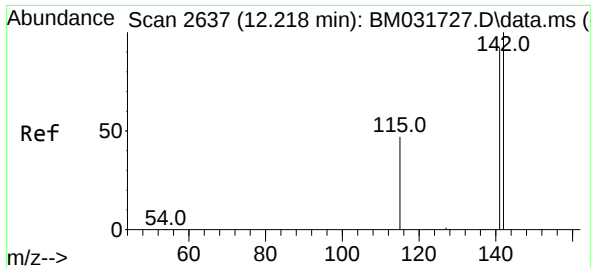


#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



Tgt Ion:142 Resp: 494
Ion Ratio Lower Upper
142 100
141 89.5 71.4 107.0





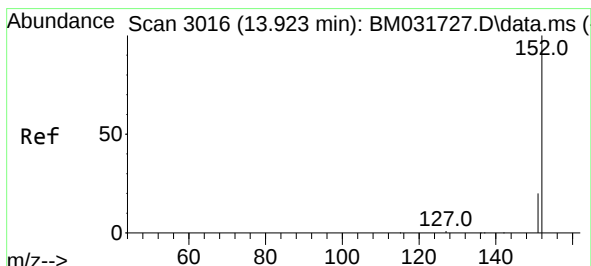
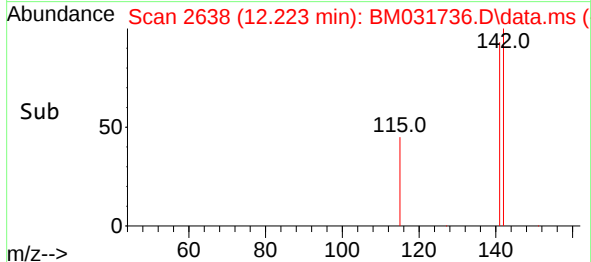
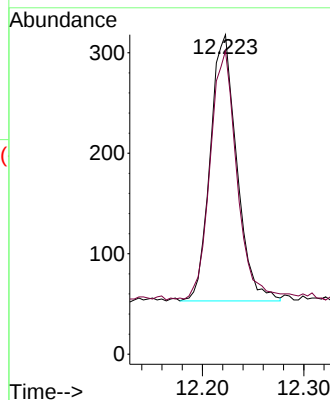
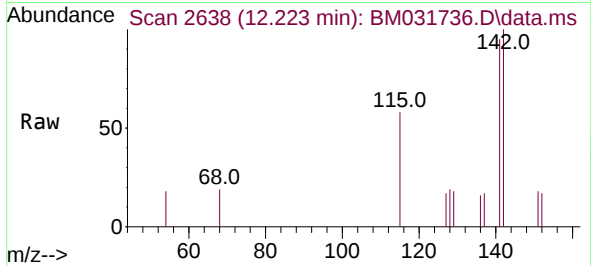
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.223 min Scan# 2638
Delta R.T. -0.003 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

Tgt Ion:142 Resp: 483
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E5DL

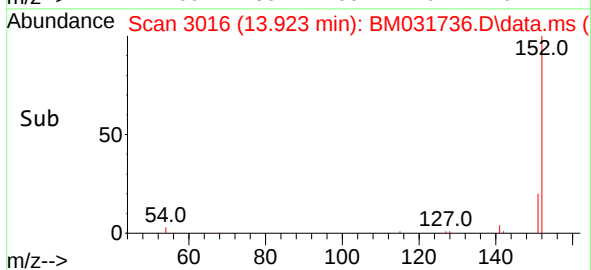
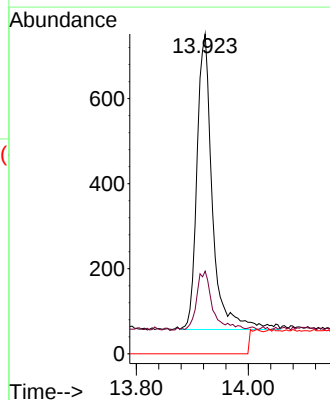
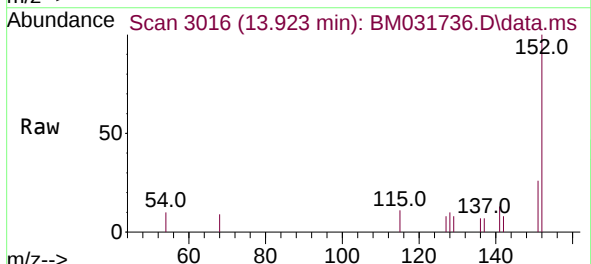
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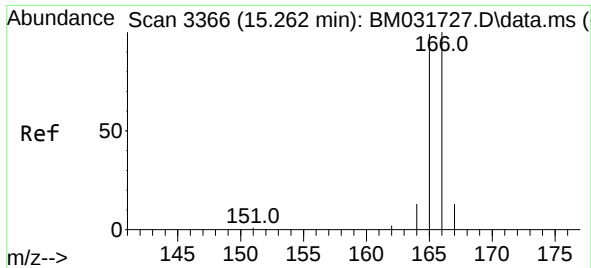
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#10
Acenaphthylene
Concen: 0.110 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

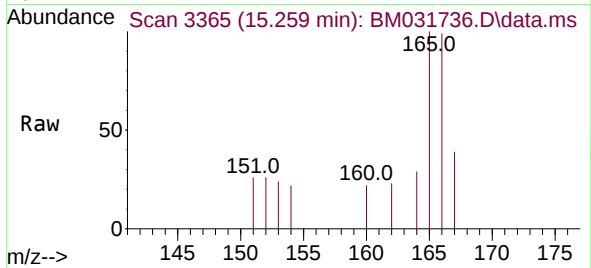
Tgt Ion:152 Resp: 1268
Ion Ratio Lower Upper
152 100
151 25.8 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.028 ng/ul
RT: 15.259 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

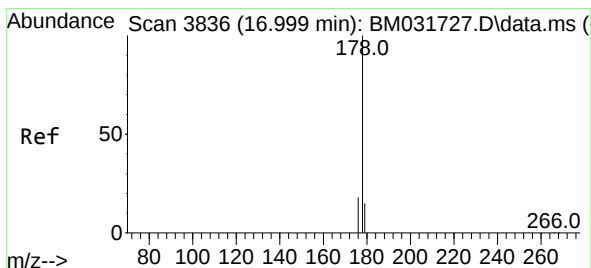
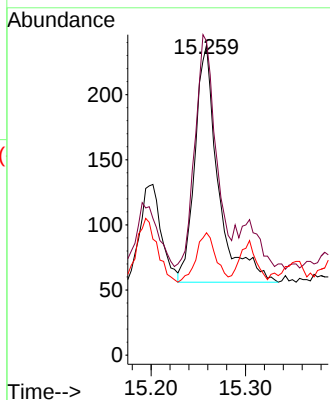
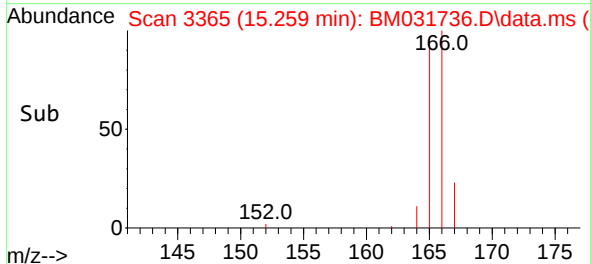
Instrument :
BNA_M
ClientSampled :
C00E5DL



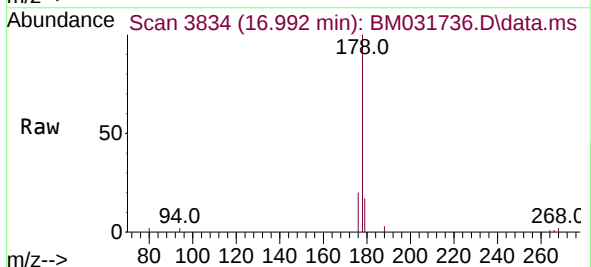
Tgt Ion:166 Resp: 312
Ion Ratio Lower Upper
166 100
165 101.3 78.0 117.0
167 39.5 12.0 18.0#

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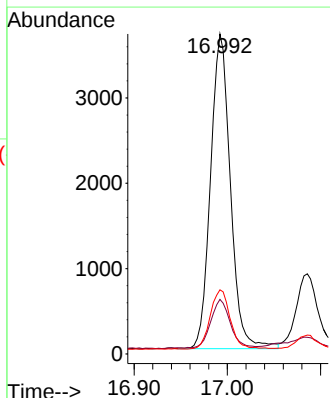
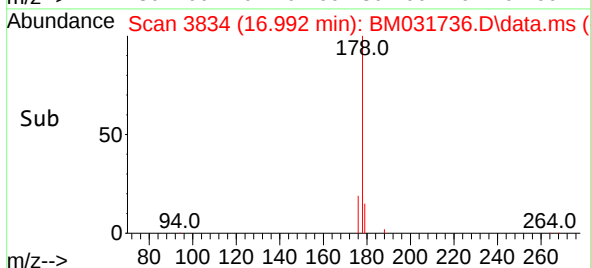
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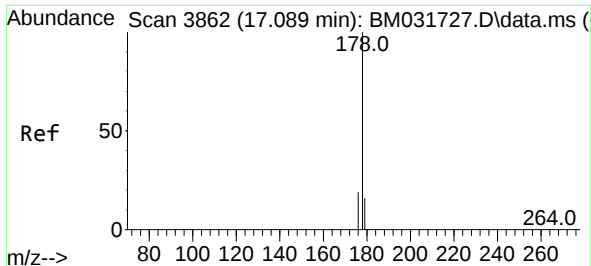


#15
Phenanthrene
Concen: 0.332 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



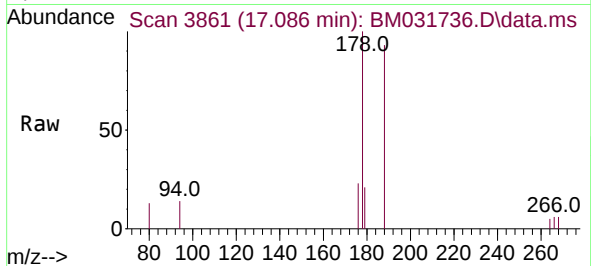
Tgt Ion:178 Resp: 5456
Ion Ratio Lower Upper
178 100
179 17.0 13.3 19.9
176 20.1 16.2 24.4





#16
 Anthracene
 Concen: 0.084 ng/ul
 RT: 17.086 min Scan# 3861
 Delta R.T. -0.010 min
 Lab File: BM031736.D
 Acq: 14 Aug 2021 04:57

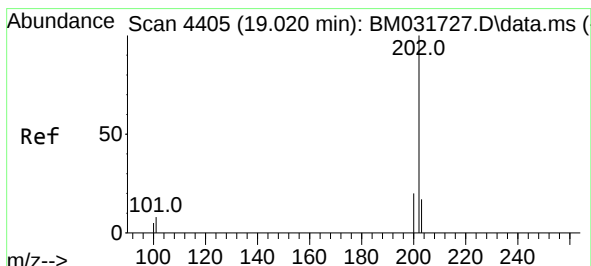
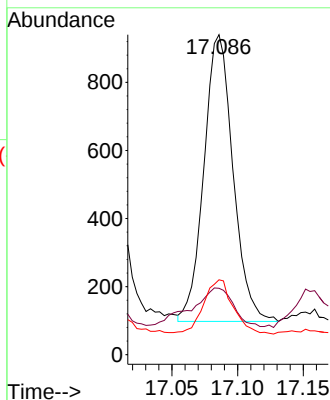
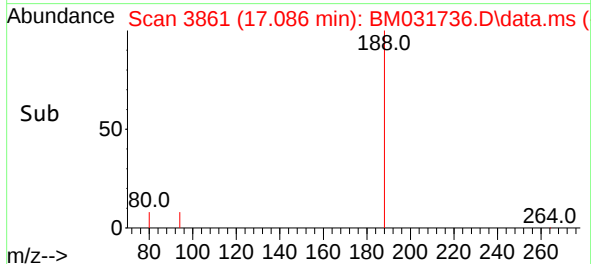
Instrument :
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 ClientSampled :
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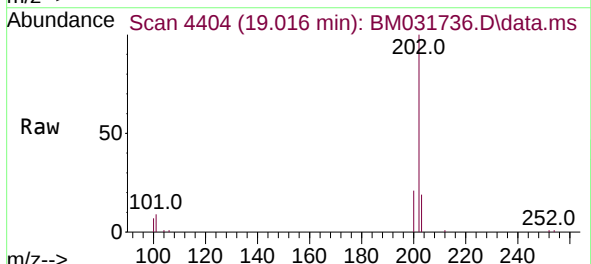
Tgt Ion:178 Resp: 1300
 Ion Ratio Lower Upper
 178 100
 179 20.7 13.0 19.6#
 176 23.4 15.6 23.4#

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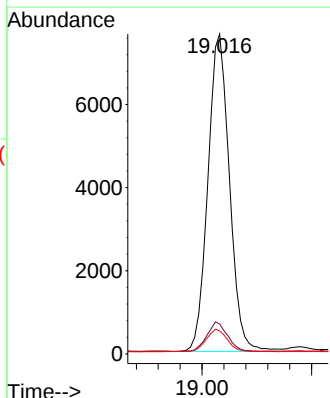
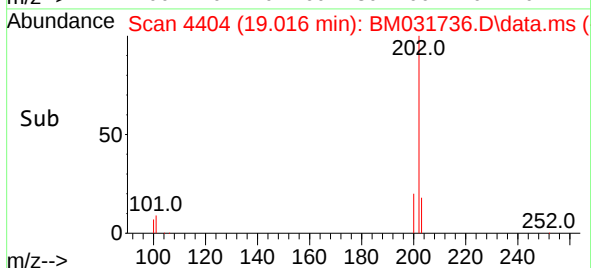
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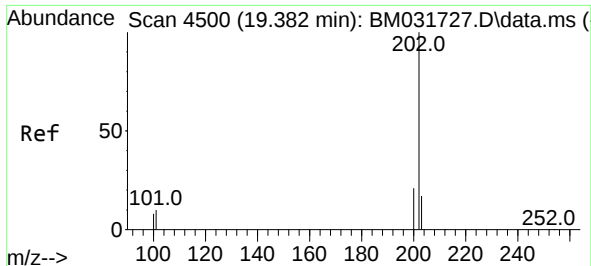


#19
 Fluoranthene
 Concen: 0.573 ng/ul
 RT: 19.016 min Scan# 4404
 Delta R.T. -0.011 min
 Lab File: BM031736.D
 Acq: 14 Aug 2021 04:57



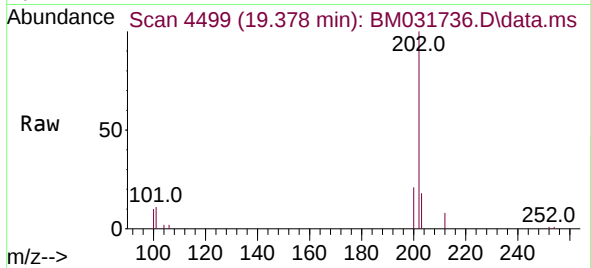
Tgt Ion:202 Resp: 10421
 Ion Ratio Lower Upper
 202 100
 101 9.4 6.6 10.0
 100 7.2 5.4 8.0





#20
Pyrene
Concen: 0.483 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

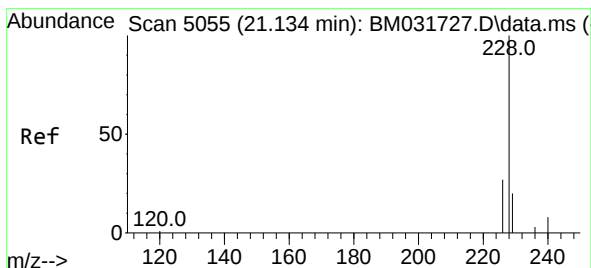
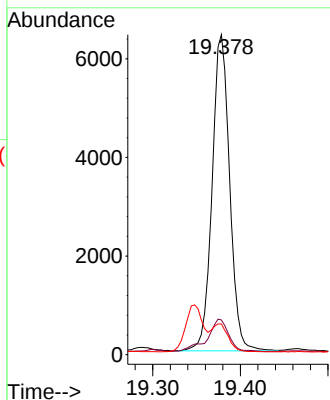
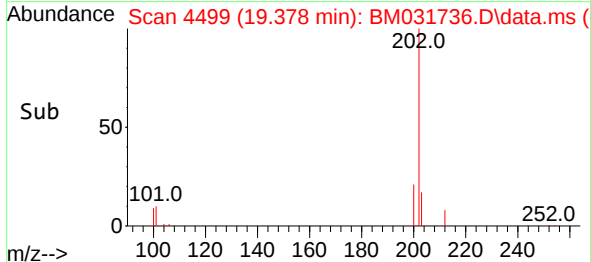
Instrument :
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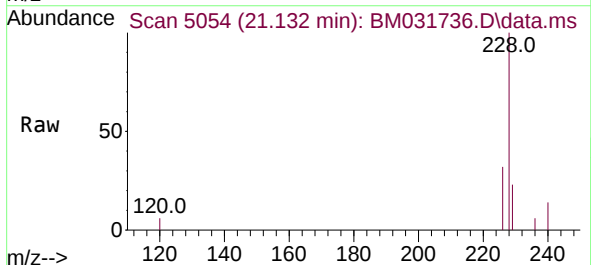
Tgt Ion:202 Resp: 8901
Ion Ratio Lower Upper
202 100
101 10.8 7.8 11.6
100 9.6 6.6 10.0

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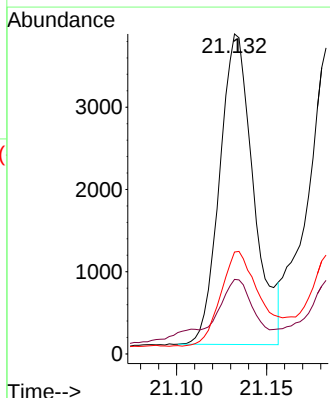
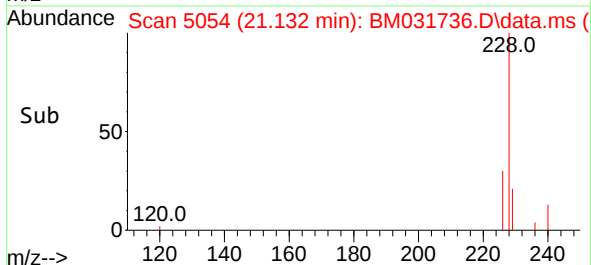
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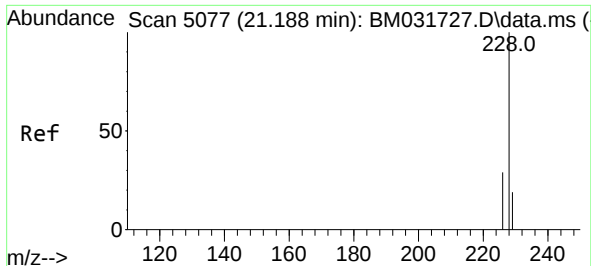


#21
Benzo(a)anthracene
Concen: 0.288 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

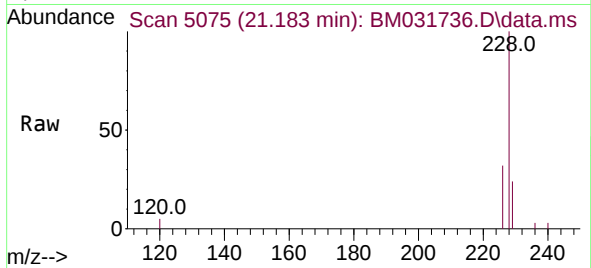


Tgt Ion:228 Resp: 4949
Ion Ratio Lower Upper
228 100
229 23.3 15.6 23.4
226 31.8 21.7 32.5

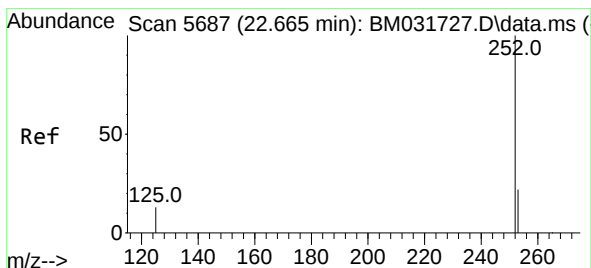
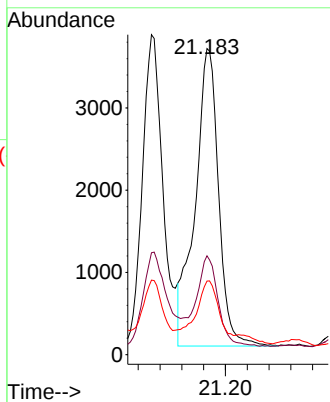
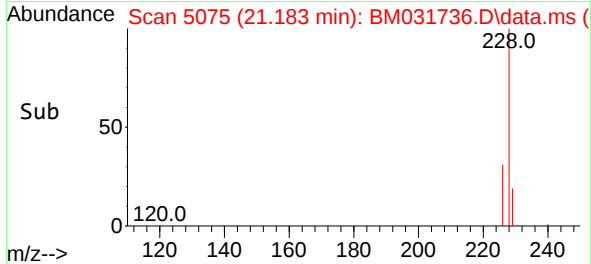




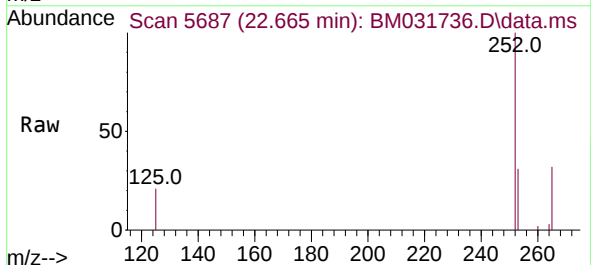
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Chrysene
Concen: 0.305 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



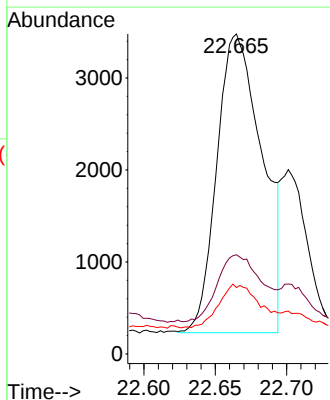
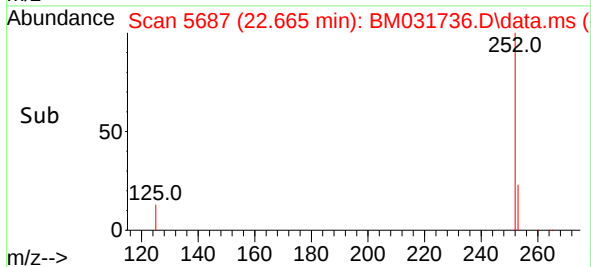
Tgt Ion:228 Resp: 5419
Ion Ratio Lower Upper
228 100
226 32.3 24.7 37.1
229 24.0 16.2 24.2



#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



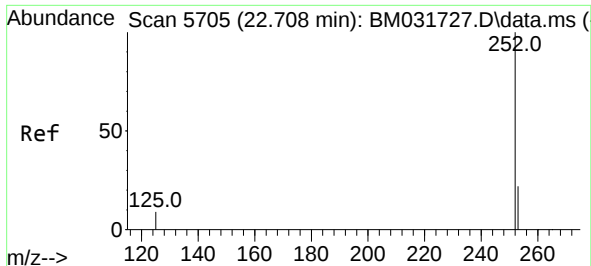
Tgt Ion:252 Resp: 7163
Ion Ratio Lower Upper
252 100
253 31.0 0.0 53.0
125 20.8 0.0 22.8



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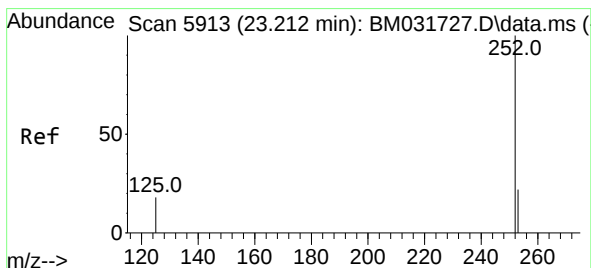
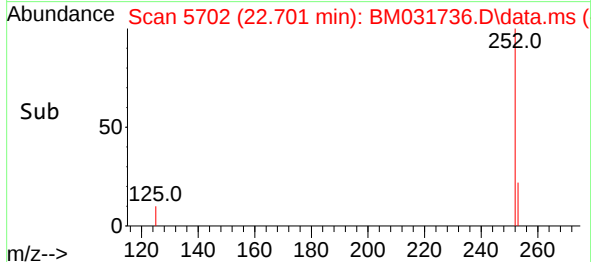
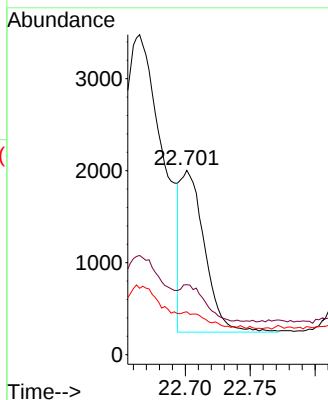
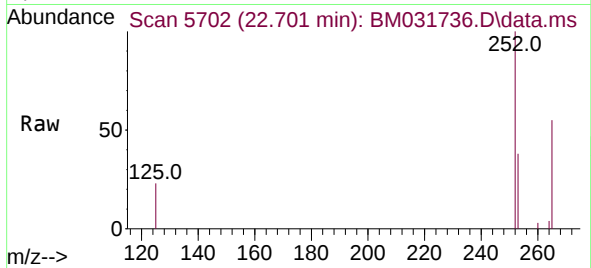
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Benzo(k)fluoranthene
Concen: 0.116 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	38.0	21.3	31.9#
125	23.3	8.8	13.2#

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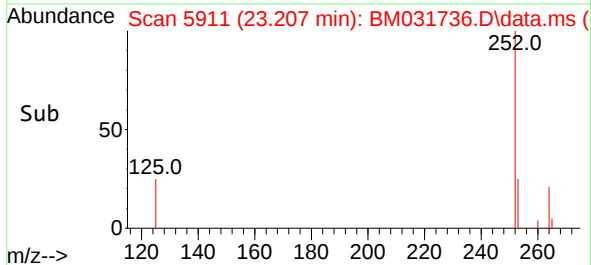
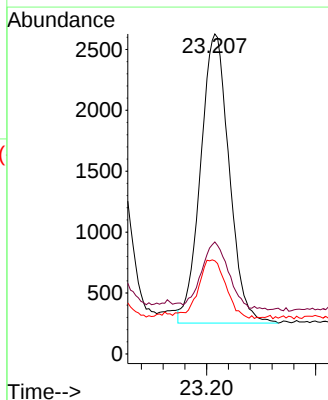
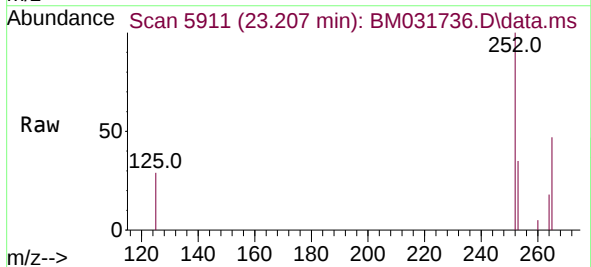
Manual Integrations
APPROVED

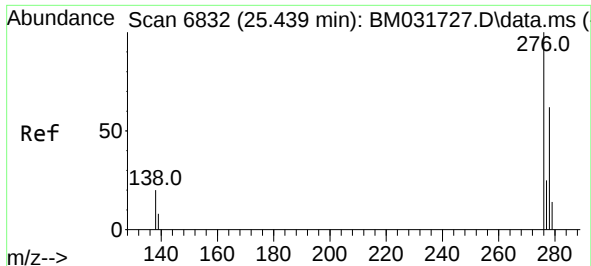
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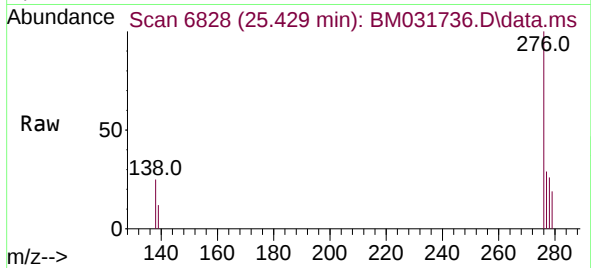
#26
Benzo(a)pyrene
Concen: 0.257 ng/ul
RT: 23.207 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	35.0	22.4	33.6#
125	29.1	13.0	19.4#

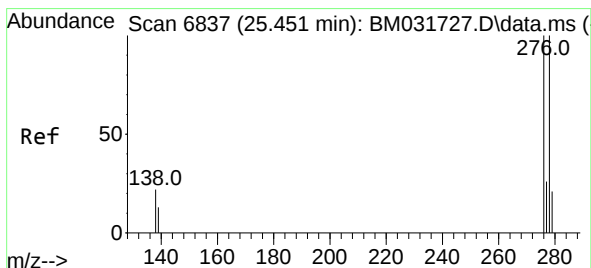
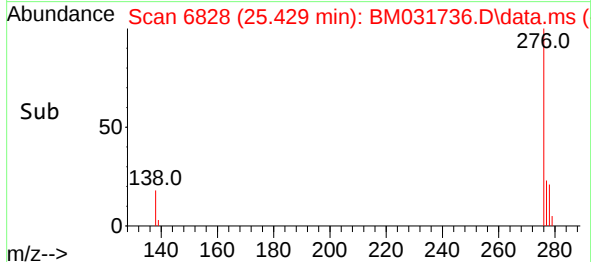
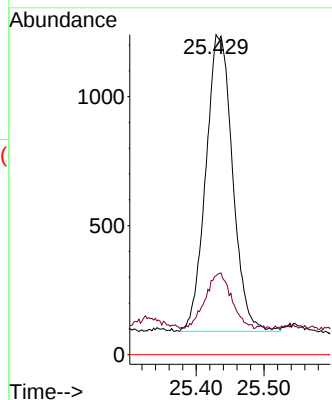




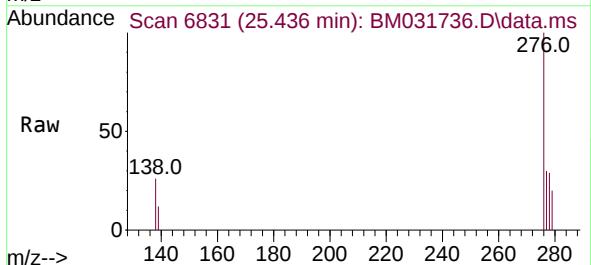
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.145 ng/ul
RT: 25.429 min Scan# 6828
Delta R.T. -0.031 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



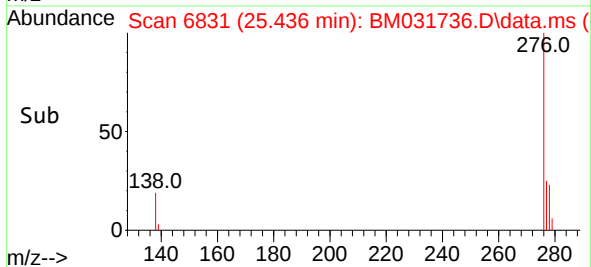
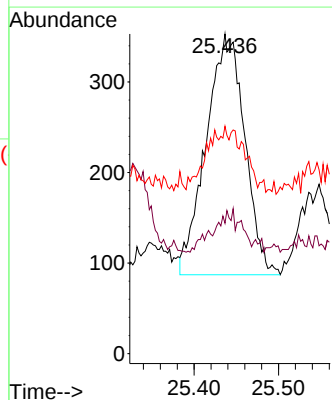
Tgt Ion: 276 Resp: 3151
Ion Ratio Lower Upper
276 100
138 18.2 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.048 ng/ul
RT: 25.436 min Scan# 6831
Delta R.T. -0.036 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



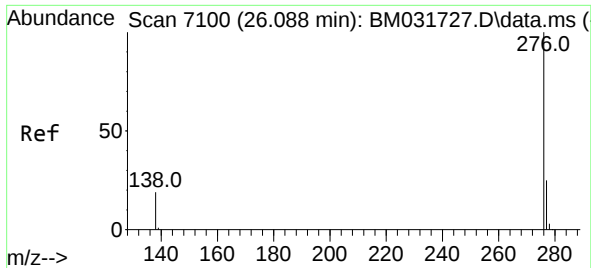
Tgt Ion: 278 Resp: 846
Ion Ratio Lower Upper
278 100
139 40.8 13.3 19.9#
279 71.1 22.8 34.2#



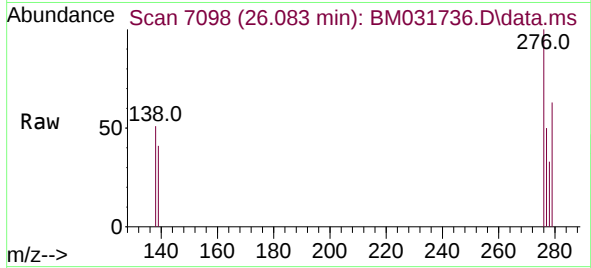
Instrument :
BNA_M
ClientSampleID :
C00E5DL

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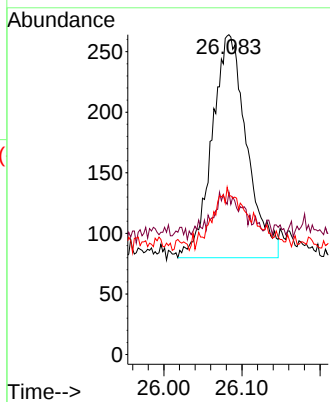
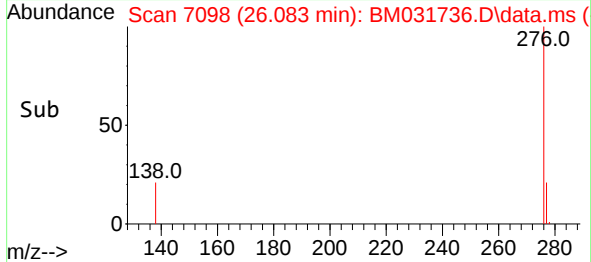
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#29
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.083 min Scan# 7098
Delta R.T. -0.024 min
Lab File: BM031736.D
Acq: 14 Aug 2021 04:57



Tgt Ion	Ratio	Lower	Upper
276	100		
138	50.8	15.4	23.2#
277	49.6	19.9	29.9#



Instrument :
BNA_M
ClientSampleID :
C00E5DL

Manual Integrations
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