

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031734.D
 Acq On : 14 Aug 2021 03:43
 Operator : CG/JU
 Sample : M3208-09DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E9DL

Manual Integrations
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mohammad
 8/16/2021 8:40:55 AM

Quant Time: Aug 14 04:23:55 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 : Sat Aug 14 03:22:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1163	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	4211	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2308	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4437	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.147	240	3896	0.400	ng/ul	#-0.01
23) Perylene-d12	23.300	264	3872	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	837	0.648	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152	282	0.040	ng/ul	-0.02
18) Fluoranthene-d10	18.982	212	540	0.042	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	4785	0.381	ng/ul	98
7) 2-Methylnaphthalene	11.998	142	3298	0.385	ng/ul	100
8) 1-Methylnaphthalene	12.218	142	1671	0.197	ng/ul	100
10) Acenaphthylene	13.923	152	2814	0.286	ng/ul	98
11) Acenaphthene	14.262	153	277m	0.033	ng/ul	
12) Fluorene	15.255	166	465	0.049	ng/ul#	84
15) Phenanthrene	16.992	178	14826	1.052	ng/ul	98
16) Anthracene	17.082	178	3524	0.267	ng/ul	97
19) Fluoranthene	19.016	202	33665	2.024	ng/ul	99
20) Pyrene	19.378	202	26722	1.584	ng/ul	98
21) Benzo(a)anthracene	21.130	228	16152	1.027	ng/ul	96
22) Chrysene	21.183	228	18896	1.161	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	23363m	1.339	ng/ul	
25) Benzo(k)fluoranthene	22.699	252	8168m	0.453	ng/ul	
26) Benzo(a)pyrene	23.205	252	13643	0.893	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.429	276	10131	0.513	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.432	278	2773	0.174	ng/ul#	73
29) Benzo(g,h,i)perylene	26.078	276	2905	0.172	ng/ul#	83

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

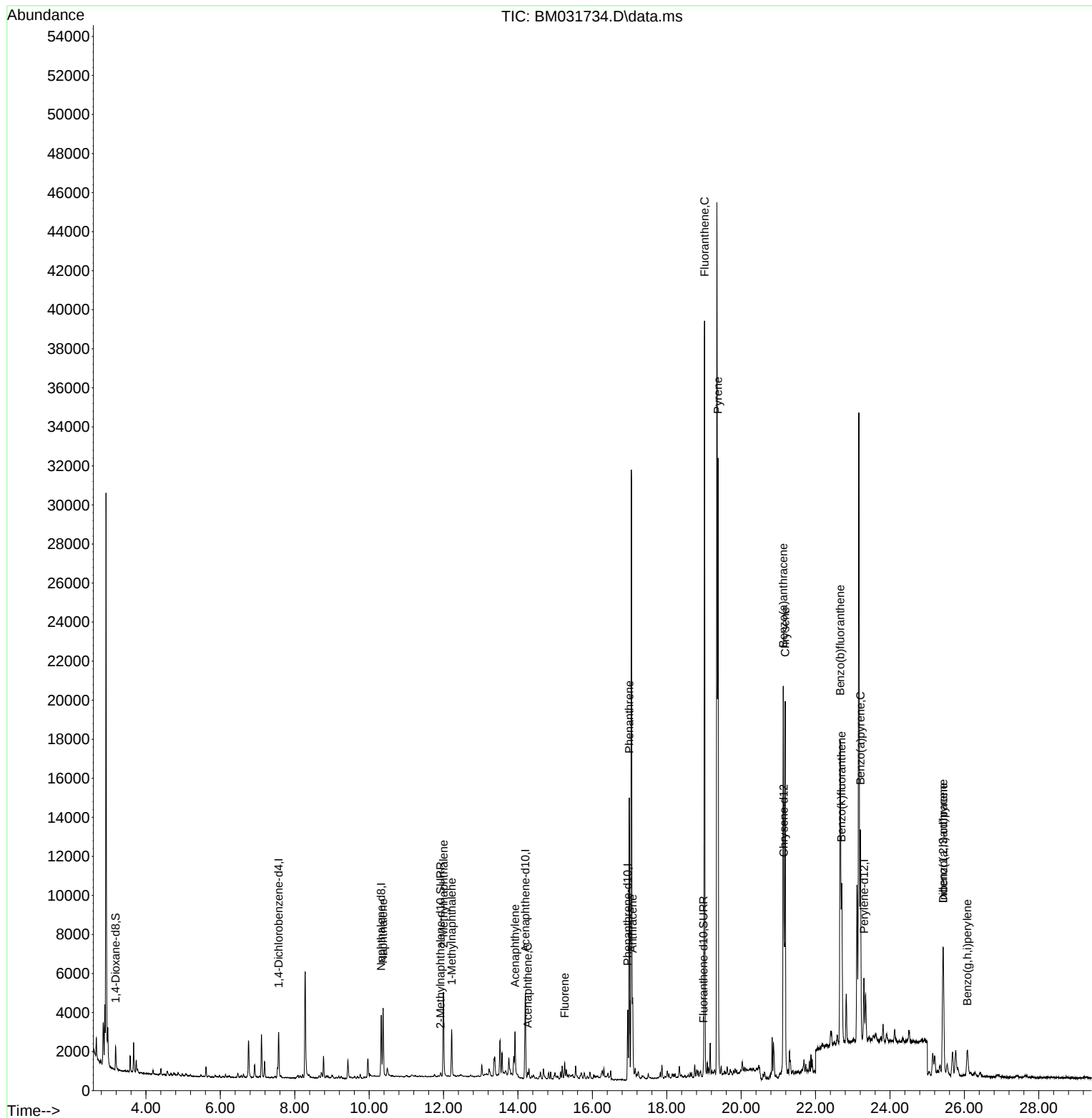
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031734.D
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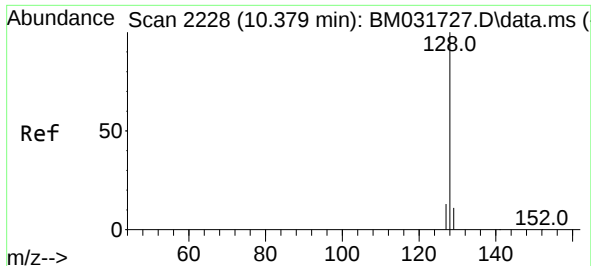
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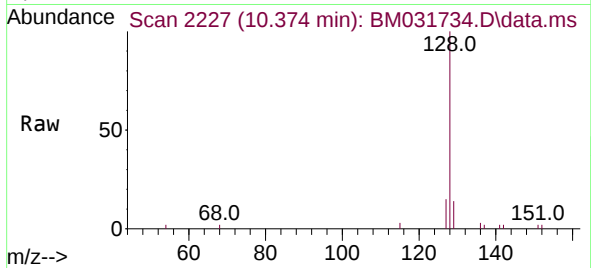
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Quant Time: Aug 14 04:23:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

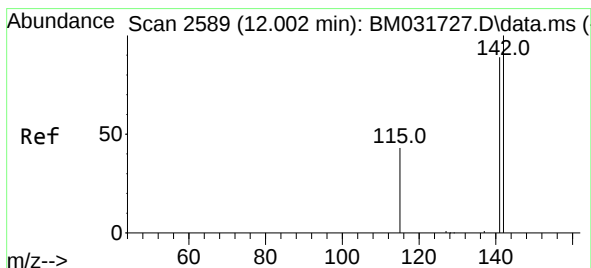
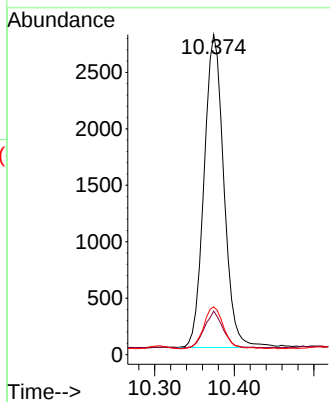
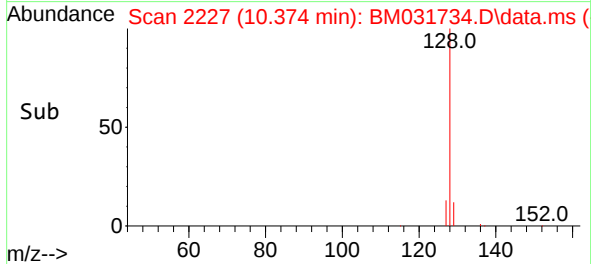




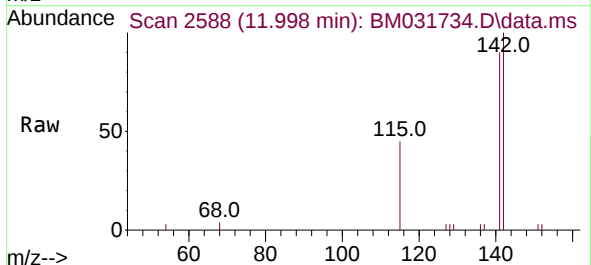
#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



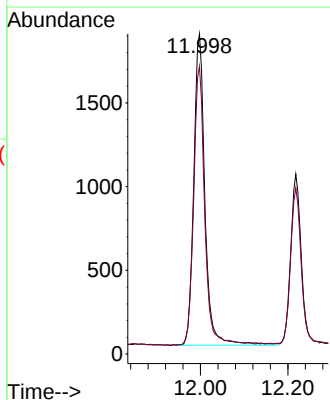
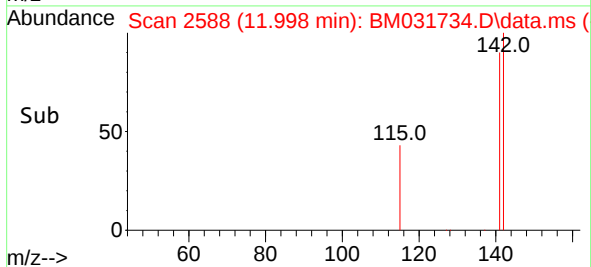
Tgt Ion:	128	Resp:	4785
Ion Ratio	Lower	Upper	
128	100		
129	13.6	10.0	15.0
127	15.0	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.385 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



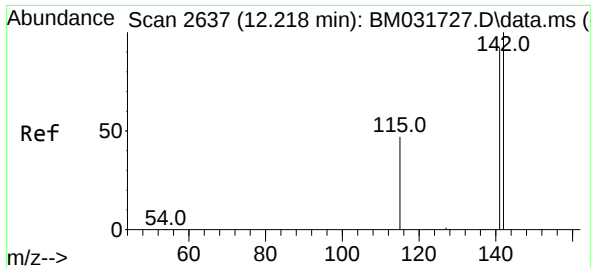
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Ion Ratio	Lower	Upper	
142	100		
141	89.5	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
C00E9DL

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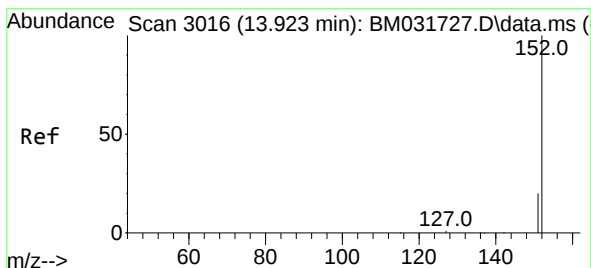
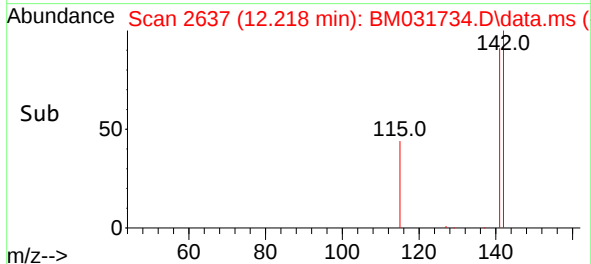
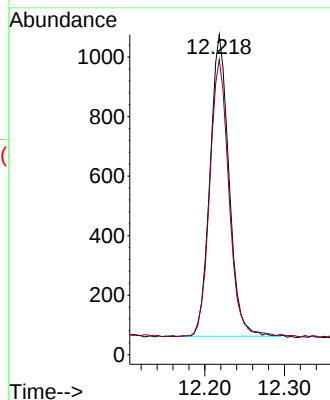
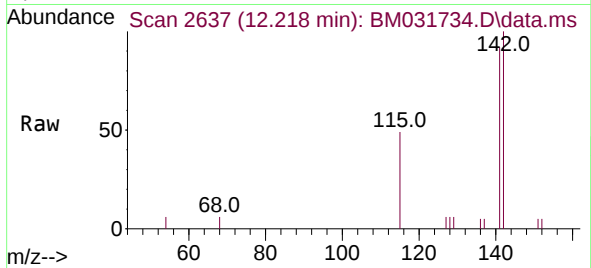
#8
1-Methylnaphthalene
Concen: 0.197 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion:142 Resp: 1671
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E9DL

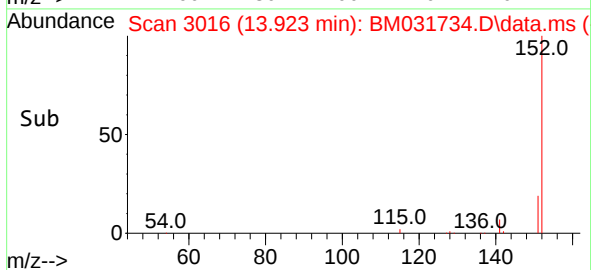
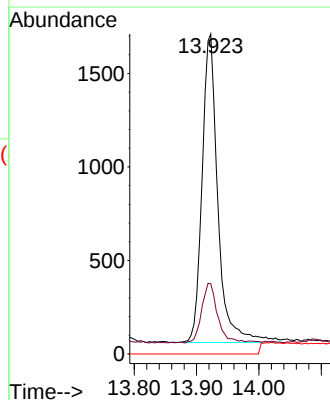
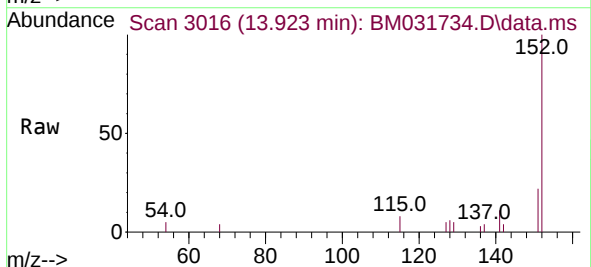
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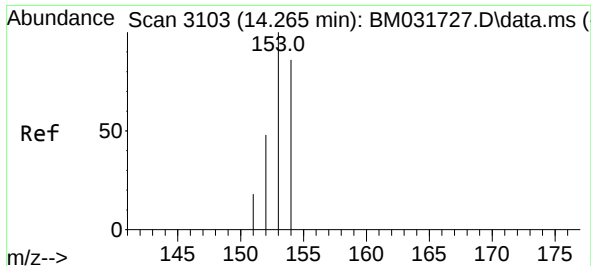
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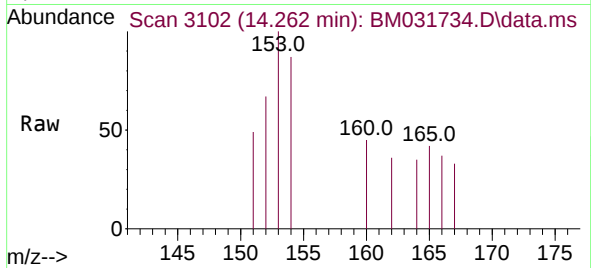
#10
Acenaphthylene
Concen: 0.286 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion:152 Resp: 2814
Ion Ratio Lower Upper
152 100
151 22.0 16.9 25.3
153 0.0 0.0 0.0

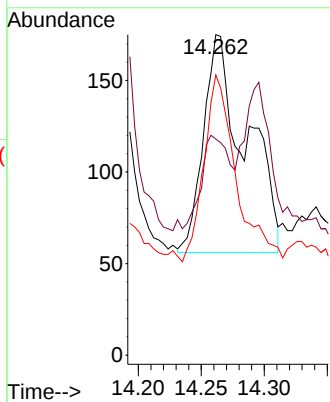
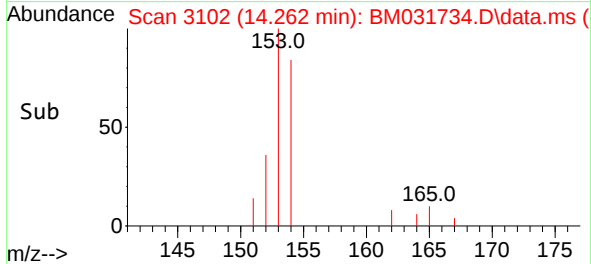




#11
Acenaphthene
Concen: 0.033 ng/ul m
RT: 14.262 min Scan# 3102
Delta R.T. -0.011 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



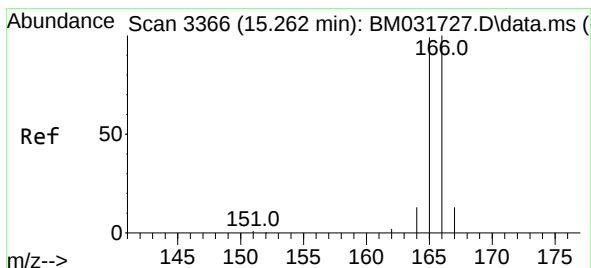
Tgt Ion:153 Resp: 277
Ion Ratio Lower Upper
153 100
152 67.4 40.7 61.1#
154 87.4 70.2 105.2



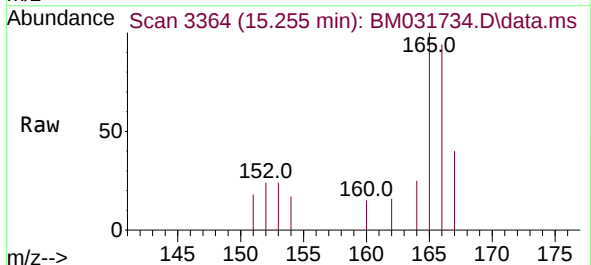
Instrument :
BNA_M
ClientSampled :
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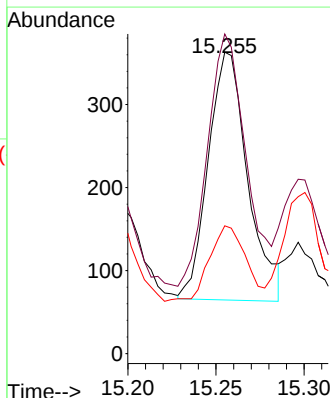
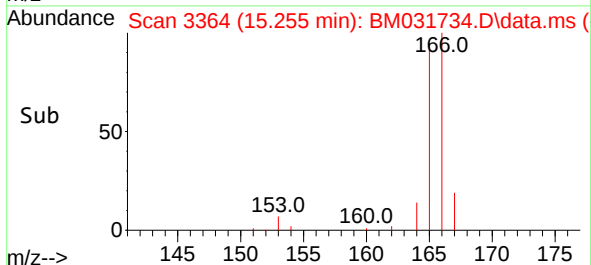
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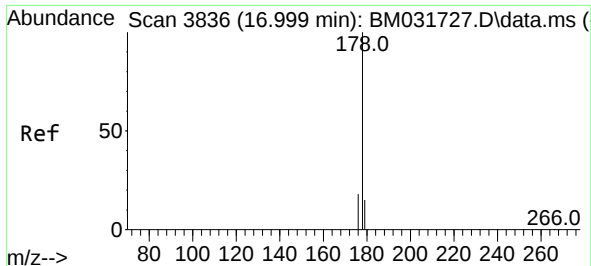


#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



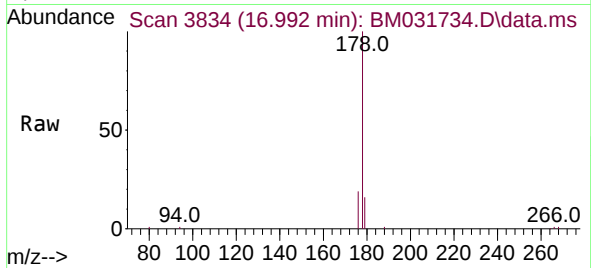
Tgt Ion:166 Resp: 465
Ion Ratio Lower Upper
166 100
165 106.1 78.0 117.0
167 42.4 12.0 18.0#





#15
Phenanthrene
Concen: 1.052 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

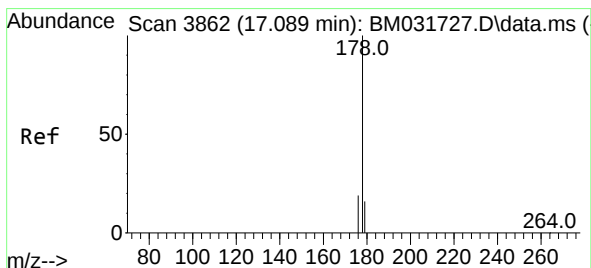
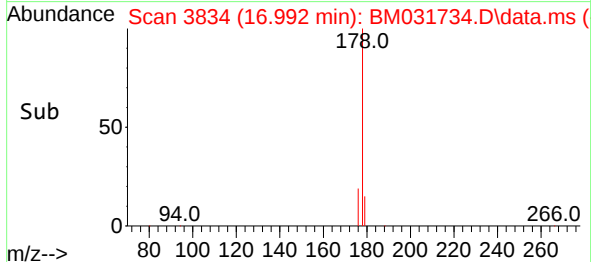
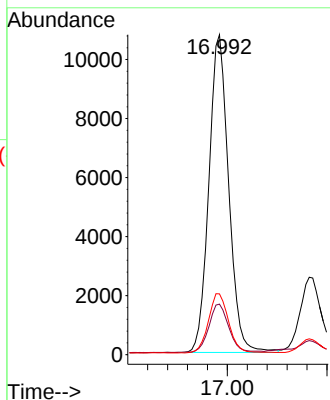
Instrument :
BNA_M
ClientSampleId :
C00E9DL



Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.3	19.9
176	19.0	16.2	24.4

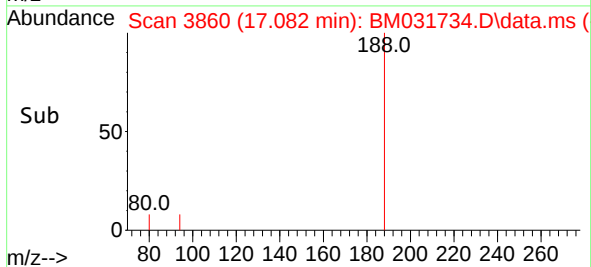
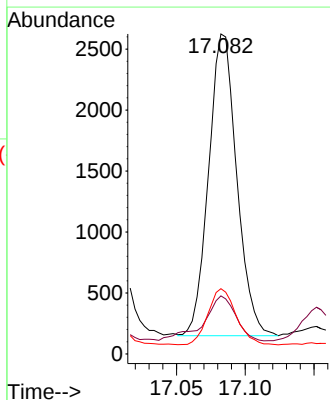
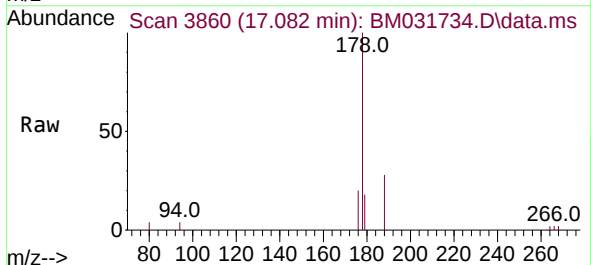
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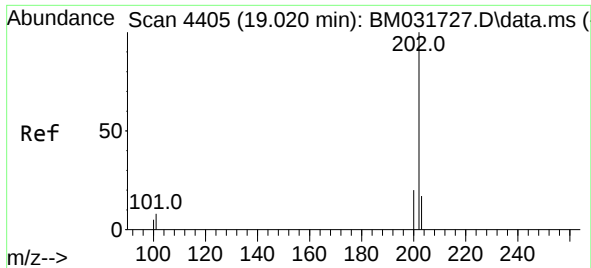
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#16
Anthracene
Concen: 0.267 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.014 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.6
176	20.4	15.6	23.4





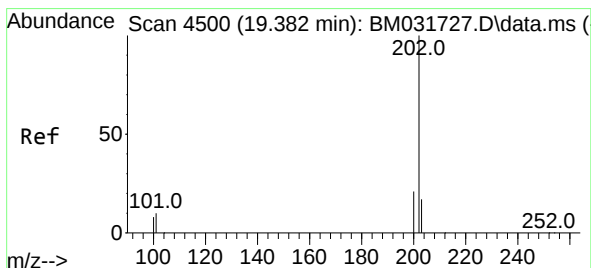
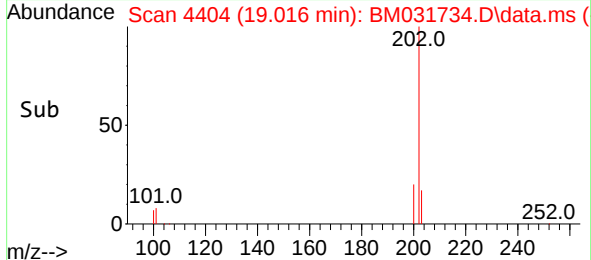
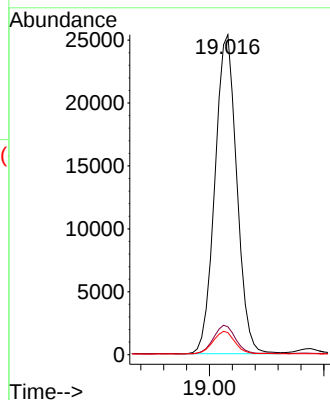
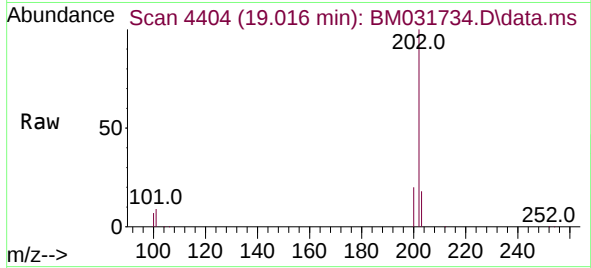
#19
Fluoranthene
Concen: 2.024 ng/ul
RT: 19.016 min Scan# 4404
Delta R.T. -0.011 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion:	202	Resp:	33665
Ion Ratio	Lower	Upper	
202	100		
101	8.7	6.6	10.0
100	6.9	5.4	8.0

Instrument :
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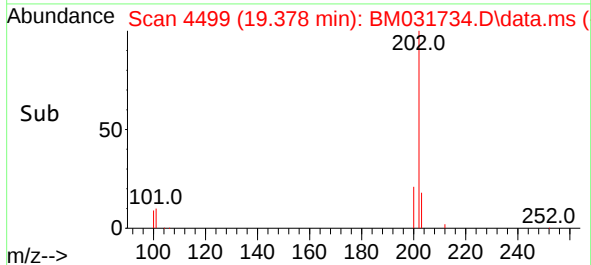
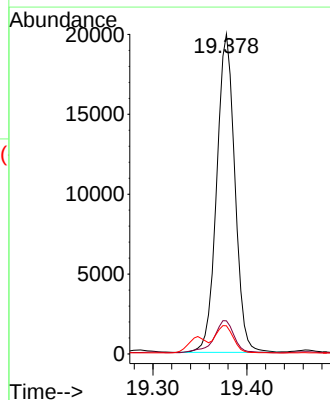
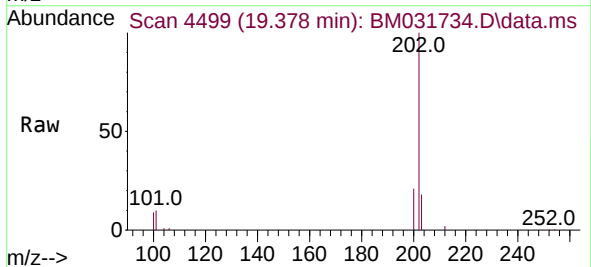
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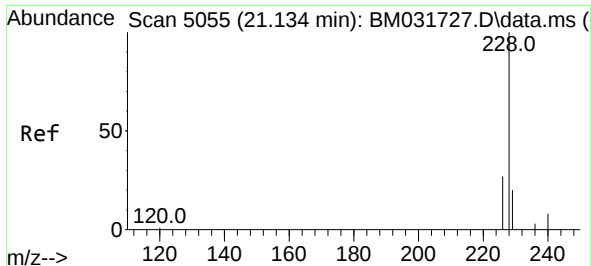
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#20
Pyrene
Concen: 1.584 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion:	202	Resp:	26722
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	8.8	6.6	10.0





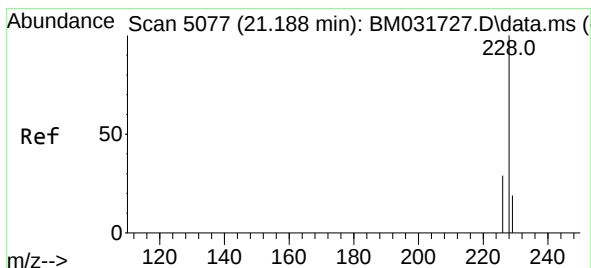
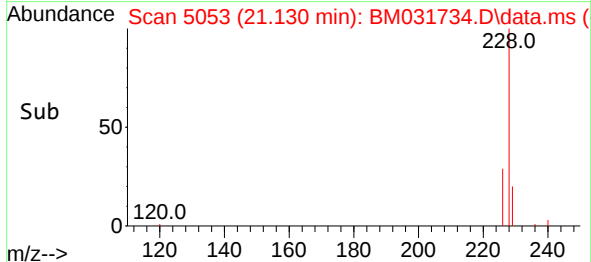
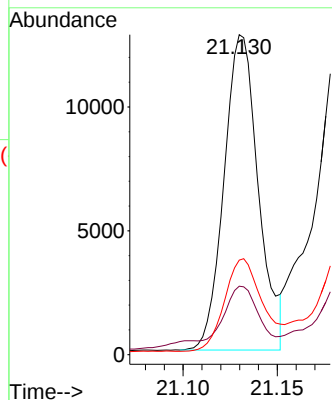
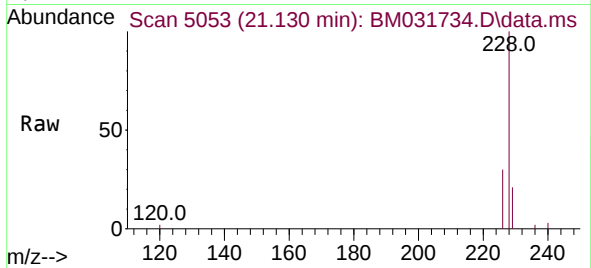
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Benzo(a)anthracene
Concen: 1.027 ng/ul
RT: 21.130 min Scan# 5053
Delta R.T. -0.014 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	29.5	21.7	32.5

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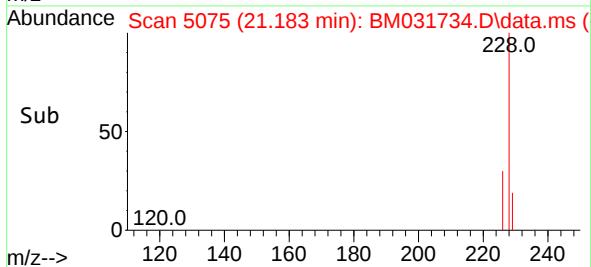
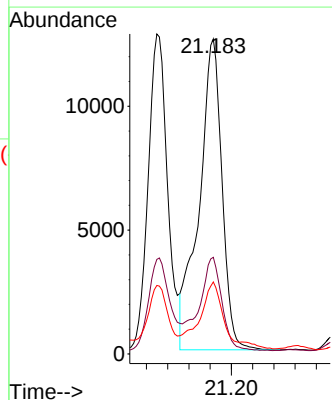
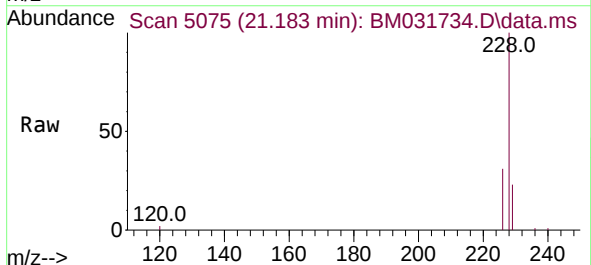
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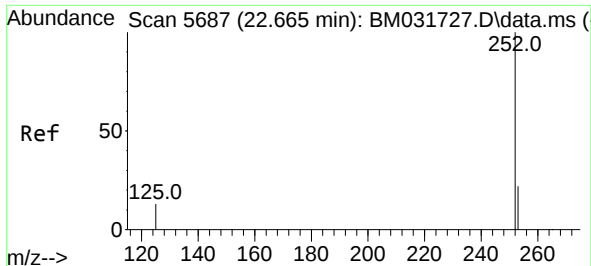
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#22
Chrysene
Concen: 1.161 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.7	37.1
229	22.9	16.2	24.2





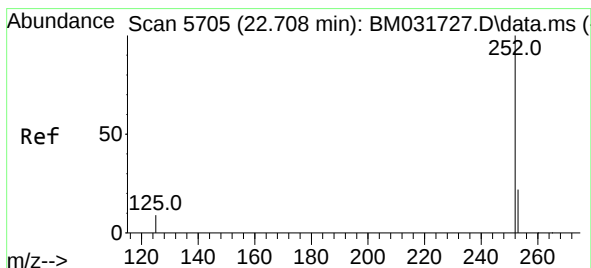
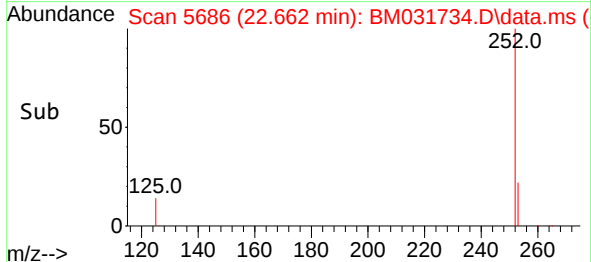
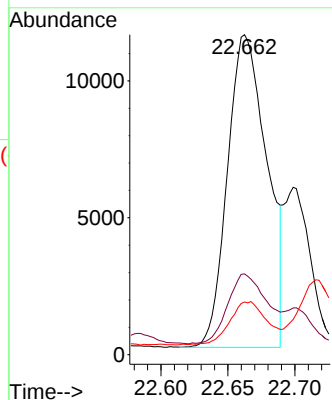
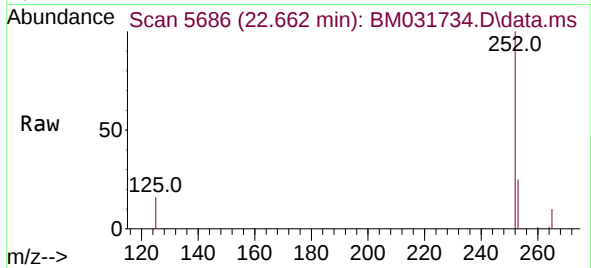
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Benzo(b)fluoranthene
Concen: 1.339 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	53.0
125	16.4	0.0	22.8

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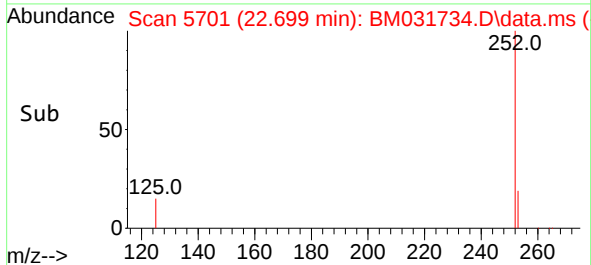
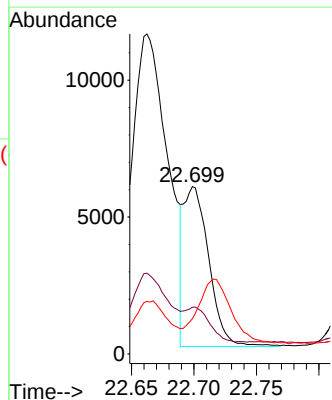
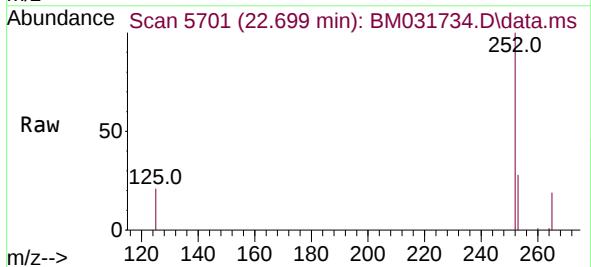
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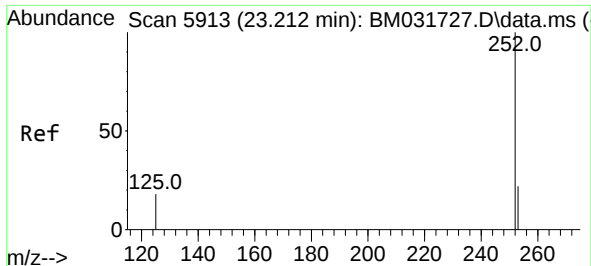
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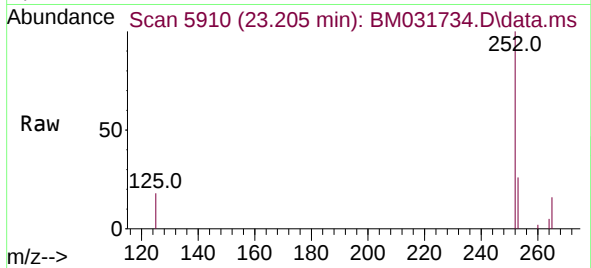
#25
Benzo(k)fluoranthene
Concen: 0.453 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. -0.021 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.9	21.3	31.9
125	21.0	8.8	13.2

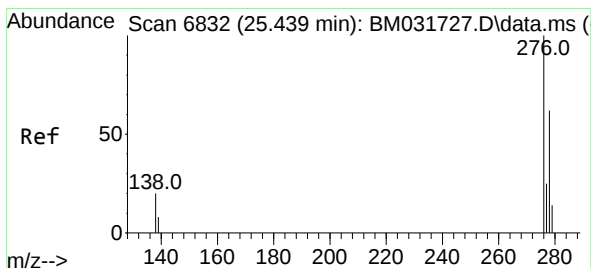
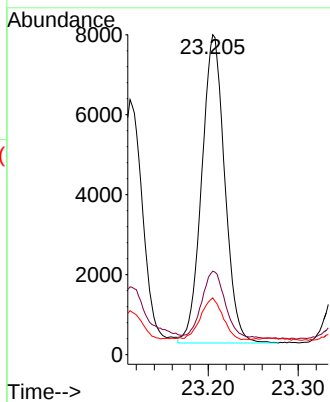
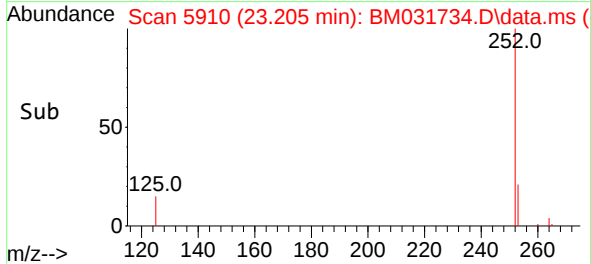




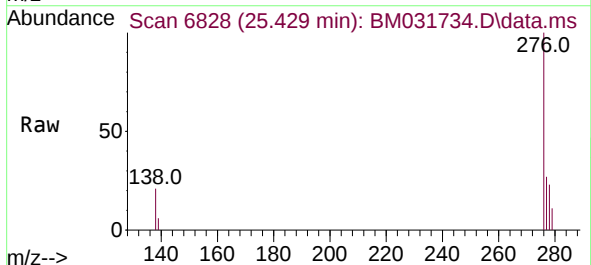
#26
Benzo(a)pyrene
Concen: 0.893 ng/ul
RT: 23.205 min Scan# 5910
Delta R.T. -0.021 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



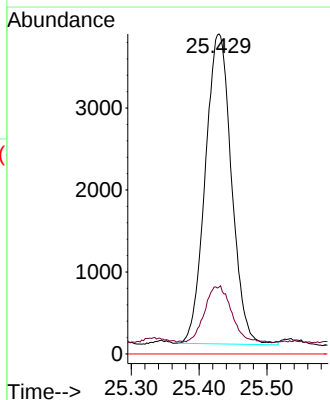
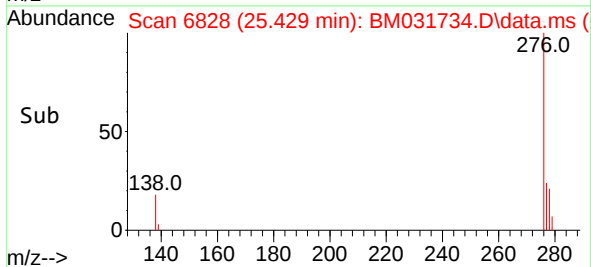
Tgt Ion: 252 Resp: 13643
Ion Ratio Lower Upper
252 100
253 26.1 22.4 33.6
125 17.8 13.0 19.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.513 ng/ul
RT: 25.429 min Scan# 6828
Delta R.T. -0.031 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



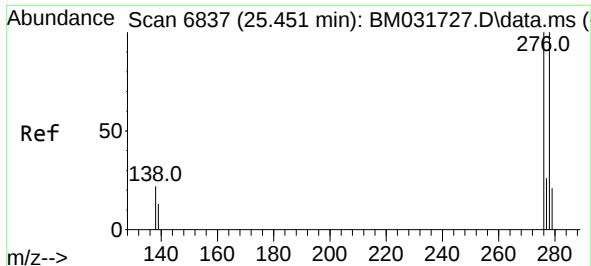
Tgt Ion: 276 Resp: 10131
Ion Ratio Lower Upper
276 100
138 18.8 15.8 23.8
227 0.0 0.0 0.0



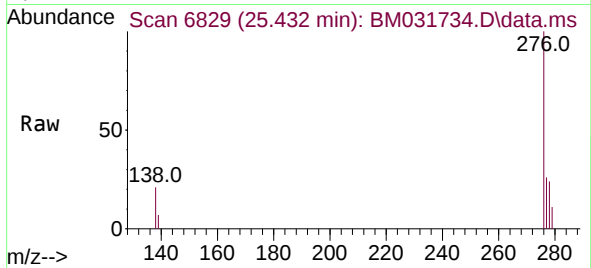
Instrument :
BNA_M
ClientSampleId :
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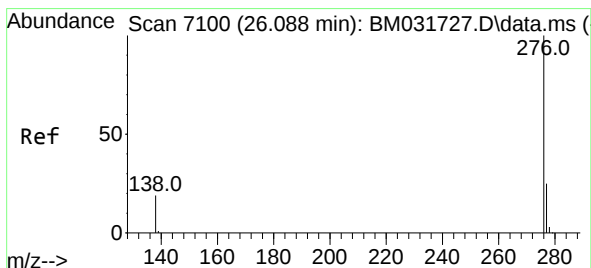
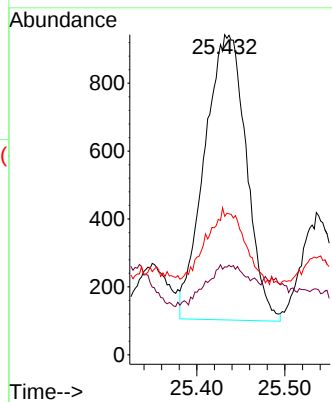
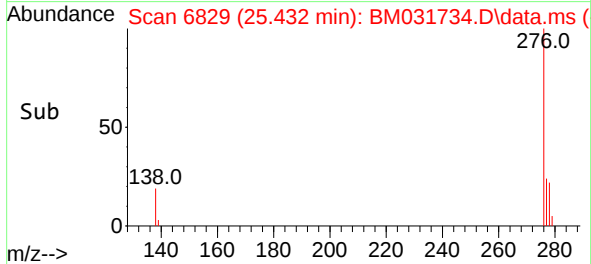
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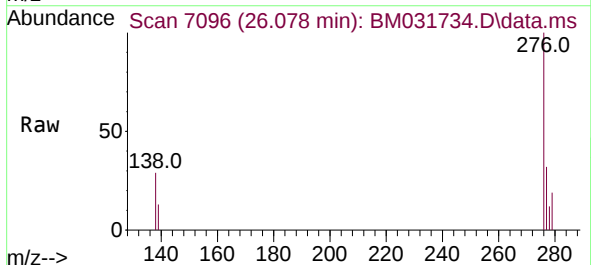
#28
Dibenzo(a,h)anthracene
Concen: 0.174 ng/ul
RT: 25.432 min Scan# 6829
Delta R.T. -0.041 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



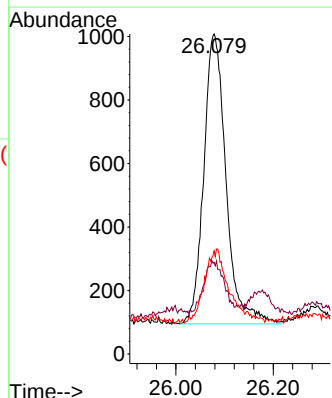
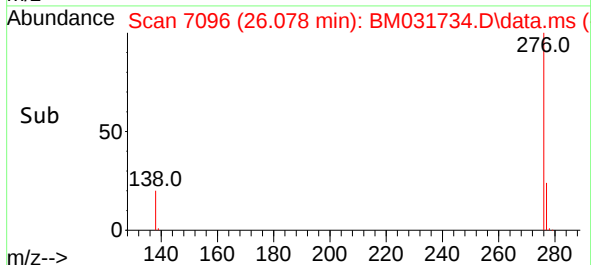
Tgt Ion: 278 Resp: 2773
Ion Ratio Lower Upper
278 100
139 27.5 13.3 19.9#
279 43.3 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.172 ng/ul
RT: 26.078 min Scan# 7096
Delta R.T. -0.029 min
Lab File: BM031734.D
Acq: 14 Aug 2021 03:43



Tgt Ion: 276 Resp: 2905
Ion Ratio Lower Upper
276 100
138 28.7 15.4 23.2#
277 32.2 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C00E9DL

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