

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031737.D
 Acq On : 14 Aug 2021 05:34
 Operator : CG/JU
 Sample : M3208-10DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F0DL

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mohammad
 8/16/2021 8:41:04 AM

Quant Time: Aug 14 06:06:32 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 05:28:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.562	152	1012	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.325	136	1457	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.197	164	87	0.400	ng/ul	#-0.01
13) Phenanthrene-d10	16.950	188	72m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.149	240	110	0.400	ng/ul	# 0.00
23) Perylene-d12	23.343	264	5	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	1046	0.931	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	356	0.145	ng/ul	-0.01
18) Fluoranthene-d10	18.982	212	710	1.934	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	3419	0.788	ng/ul	96
7) 2-Methylnaphthalene	11.998	142	2512	0.847	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	1357	0.463	ng/ul	99
10) Acenaphthylene	13.918	152	1078	2.909	ng/ul#	87
11) Acenaphthene	14.258	153	169m	0.542	ng/ul	
12) Fluorene	15.255	166	191	0.532	ng/ul#	74
15) Phenanthrene	16.992	178	9065	39.649	ng/ul	99
16) Anthracene	17.082	178	1173	5.480	ng/ul#	89
19) Fluoranthene	19.012	202	15393	32.771	ng/ul	97
20) Pyrene	19.378	202	13085	27.466	ng/ul	97
21) Benzo(a)anthracene	21.132	228	7965	17.932	ng/ul	95
22) Chrysene	21.183	228	10913	23.746	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	12107m	537.424	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	3879m	166.656	ng/ul	
26) Benzo(a)pyrene	23.207	252	6103	309.343	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.427	276	4711	184.719	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.436	278	1349m	65.634	ng/ul	
29) Benzo(g,h,i)perylene	26.078	276	1013	46.562	ng/ul#	66

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

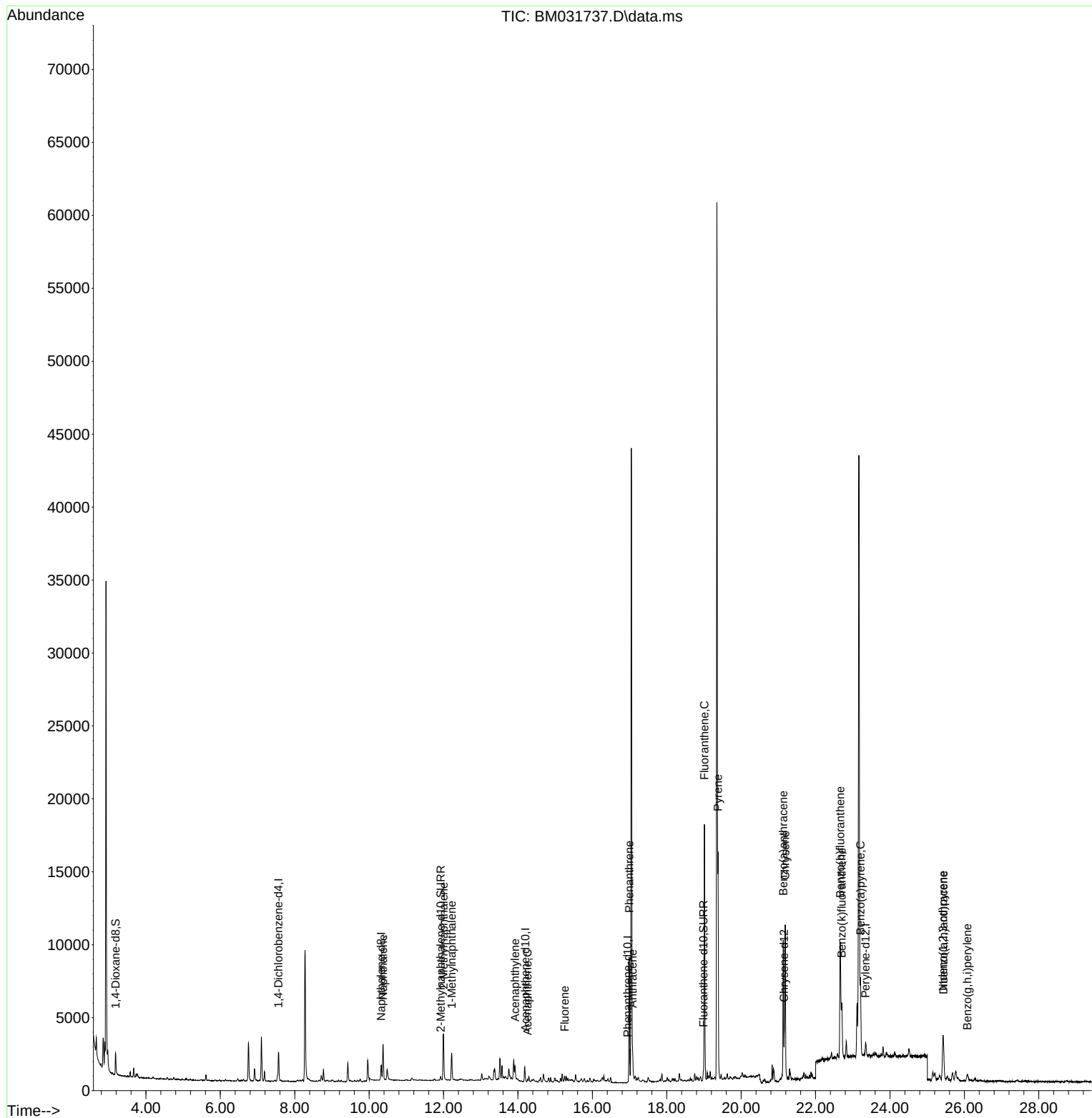
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031737.D
Acq On : 14 Aug 2021 05:34
Operator : CG/JU
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ALS Vial : 26 Sample Multiplier: 1

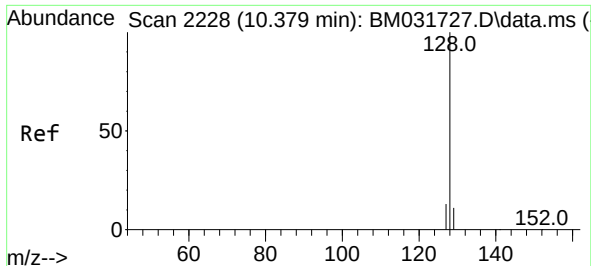
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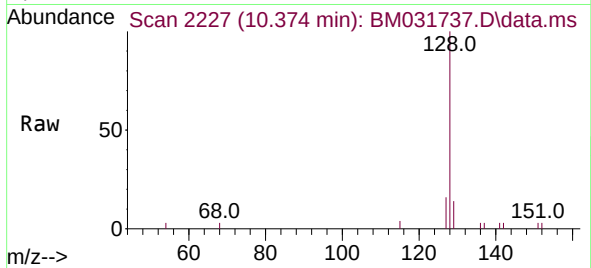
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Quant Time: Aug 14 06:06:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 14 05:28:36 2021
Response via : Initial Calibration

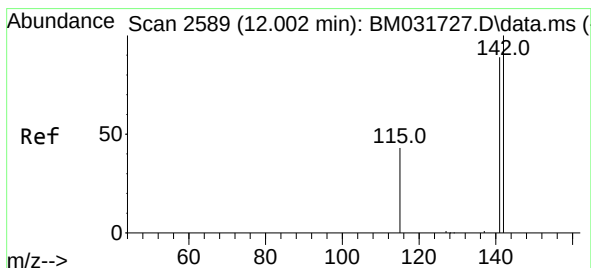
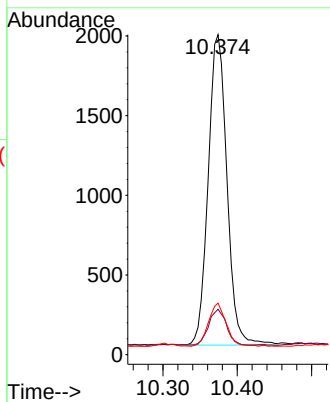
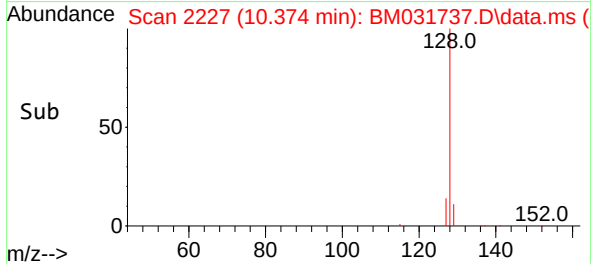




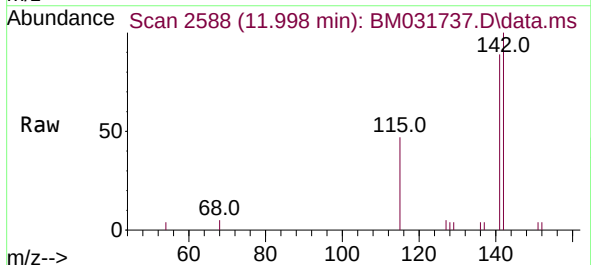
#5
Naphthalene
Concen: 0.788 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



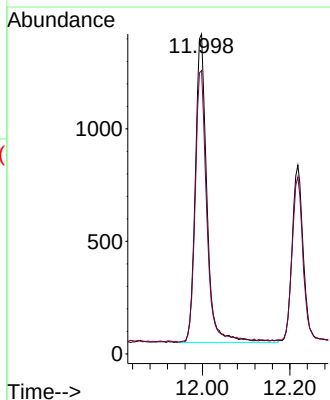
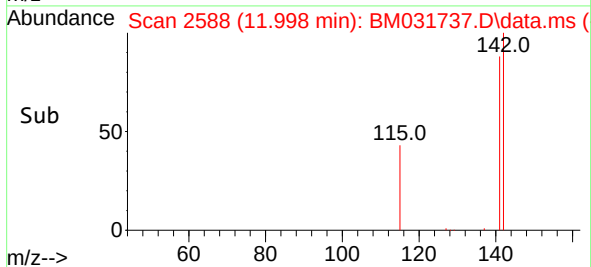
Tgt Ion:	128	Resp:	3419
Ion Ratio	Lower	Upper	
128	100		
129	14.2	10.0	15.0
127	16.1	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.847 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



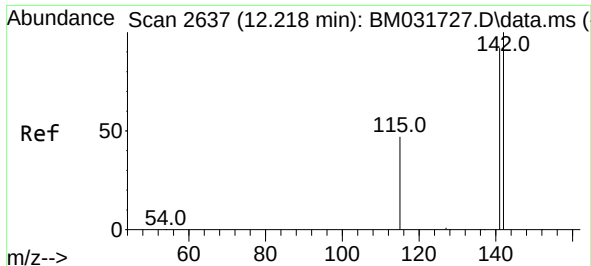
Tgt Ion:	142	Resp:	2512
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.4	107.0



Instrument :
BNA_M
ClientSampleId :
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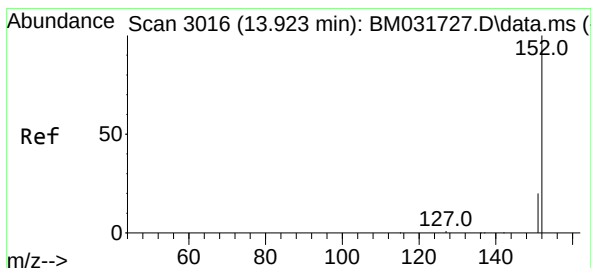
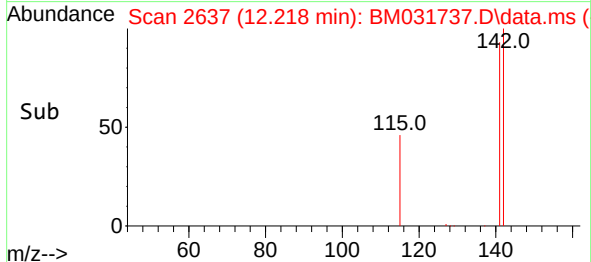
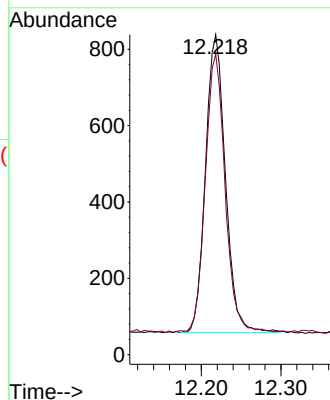
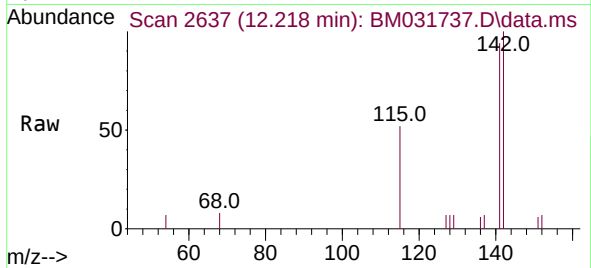
#8
1-Methylnaphthalene
Concen: 0.463 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:142 Resp: 1357
Ion Ratio Lower Upper
142 100
141 93.1 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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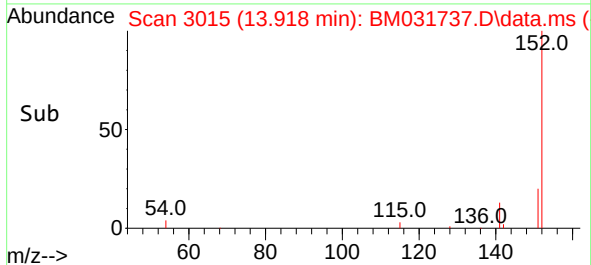
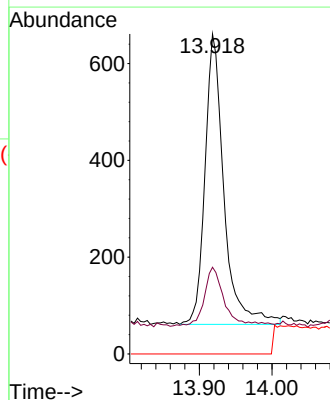
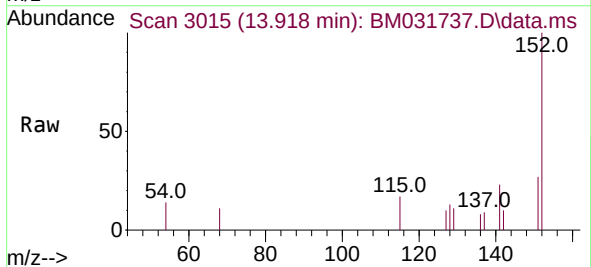
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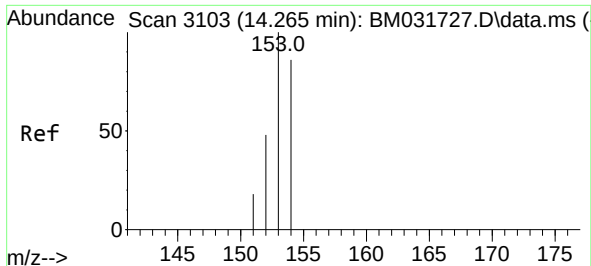
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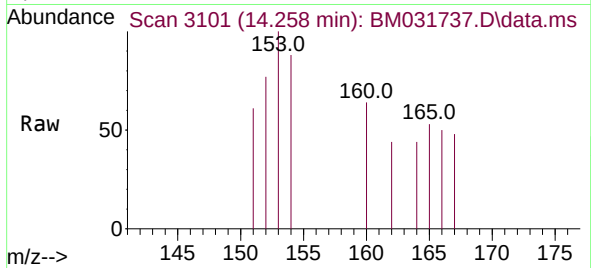
#10
Acenaphthylene
Concen: 2.909 ng/ul
RT: 13.918 min Scan# 3015
Delta R.T. -0.013 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:152 Resp: 1078
Ion Ratio Lower Upper
152 100
151 27.1 16.9 25.3#
153 0.0 0.0 0.0

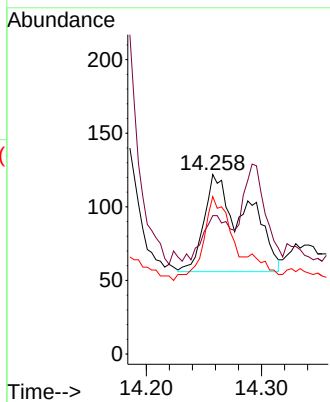
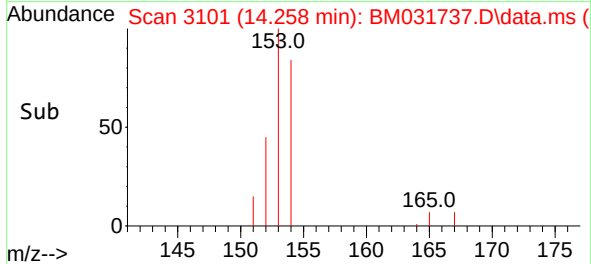




#11
Acenaphthene
Concen: 0.542 ng/ul m
RT: 14.258 min Scan# 3101
Delta R.T. -0.015 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



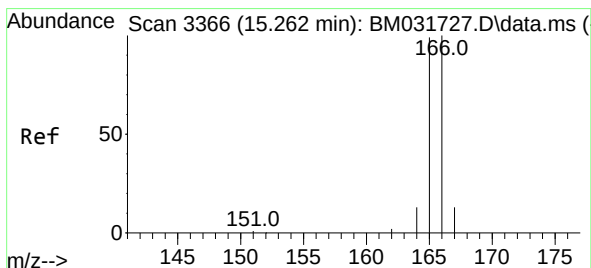
Tgt Ion:153 Resp: 169
Ion Ratio Lower Upper
153 100
152 77.0 40.7 61.1#
154 87.7 70.2 105.2



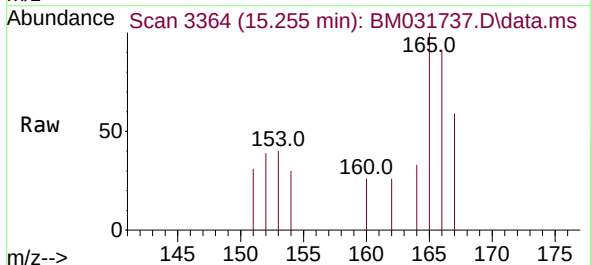
Instrument :
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ClientSampled :
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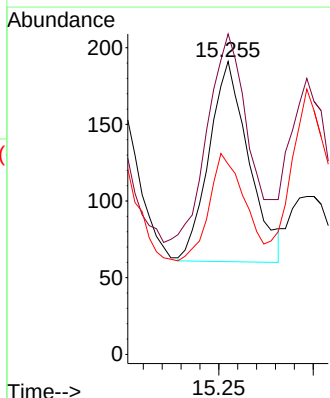
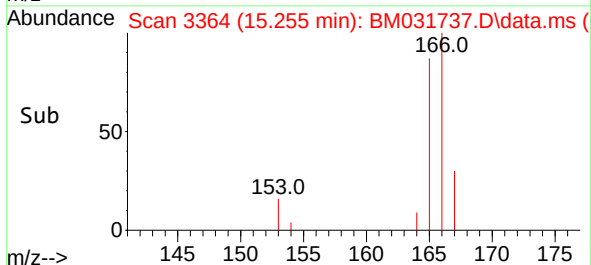
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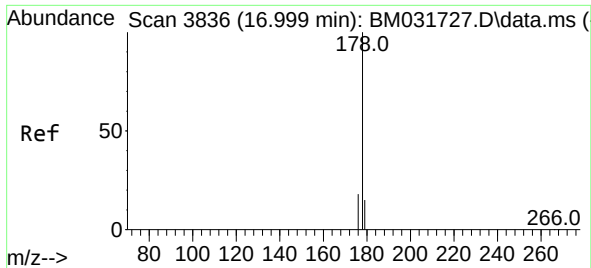


#12
Fluorene
Concen: 0.532 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



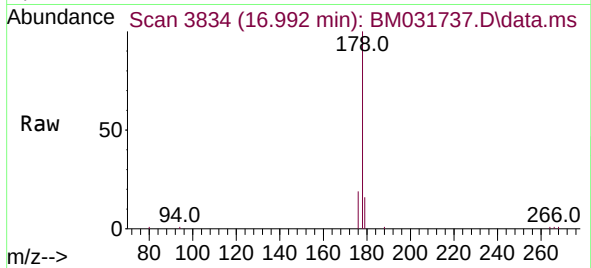
Tgt Ion:166 Resp: 191
Ion Ratio Lower Upper
166 100
165 109.4 78.0 117.0
167 64.9 12.0 18.0#





#15
Phenanthrene
Concen: 39.649 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

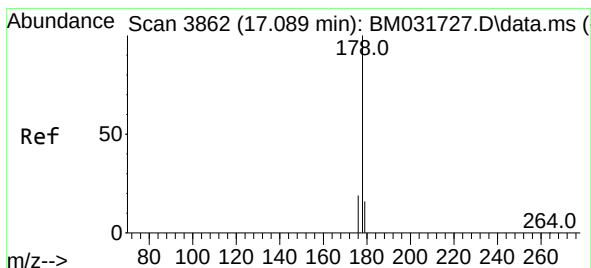
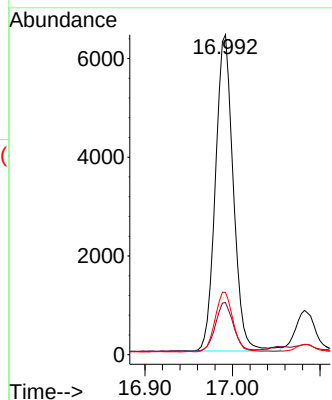
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ClientSampled :
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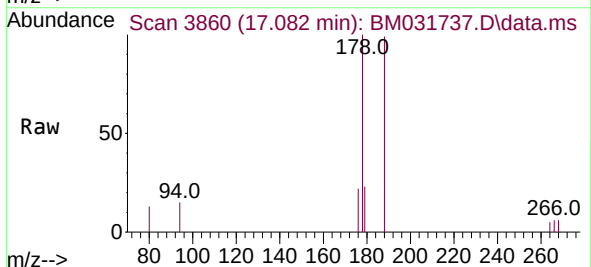
Tgt Ion:178 Resp: 9065
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.5 16.2 24.4

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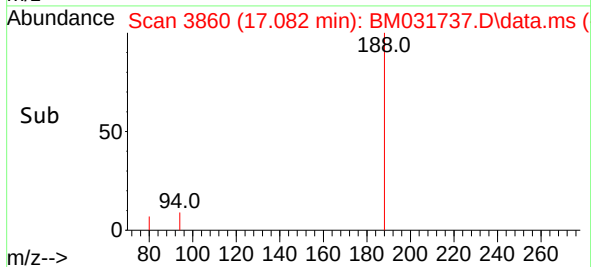
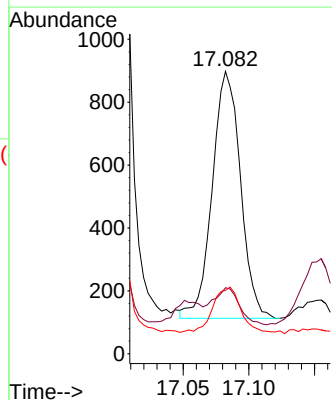
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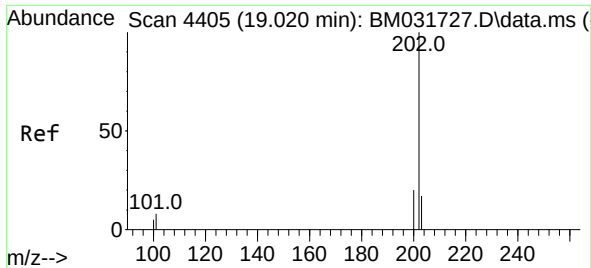


#16
Anthracene
Concen: 5.480 ng/ul
RT: 17.082 min Scan# 3860
Delta R.T. -0.014 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



Tgt Ion:178 Resp: 1173
Ion Ratio Lower Upper
178 100
179 23.4 13.0 19.6#
176 22.5 15.6 23.4





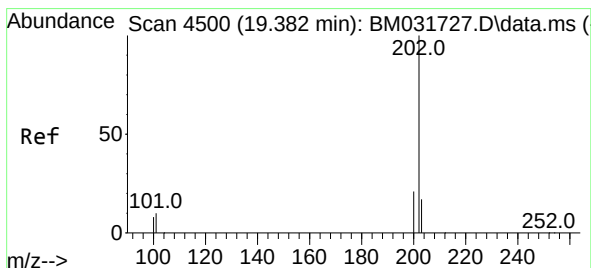
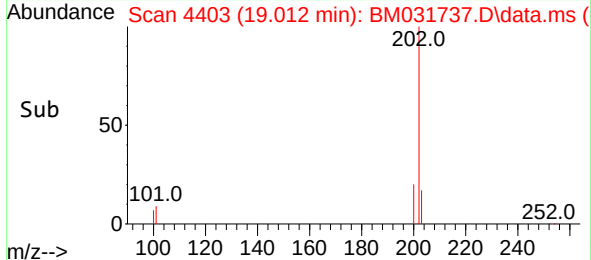
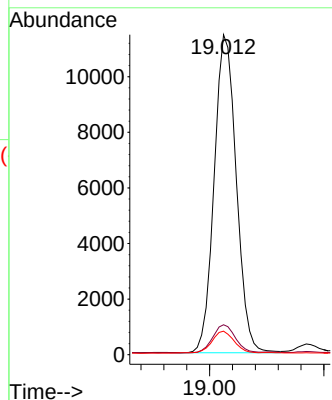
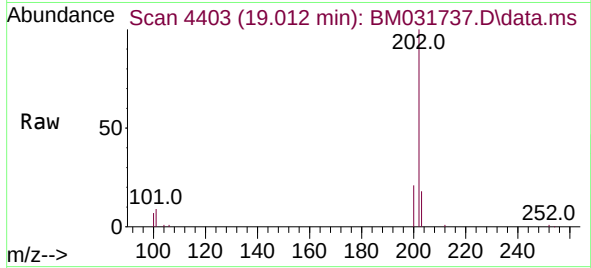
#19
Fluoranthene
Concen: 32.771 ng/u1
RT: 19.012 min Scan# 4403
Delta R.T. -0.015 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:	202	Resp:	15393
Ion Ratio	Lower	Upper	
202	100		
101	9.4	6.6	10.0
100	7.4	5.4	8.0

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ClientSampleId :
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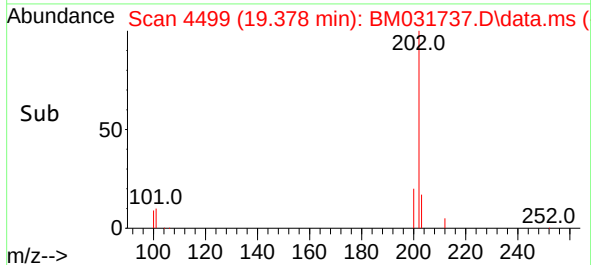
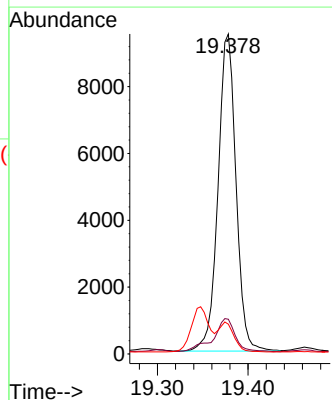
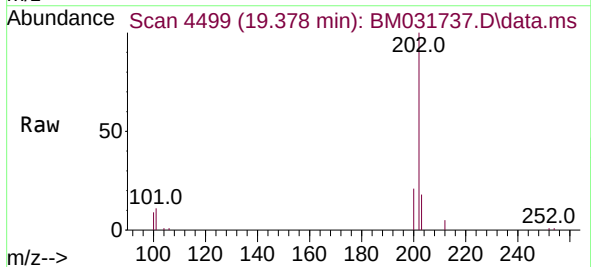
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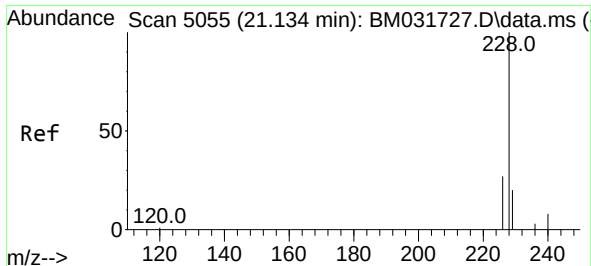
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#20
Pyrene
Concen: 27.466 ng/u1
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:	202	Resp:	13085
Ion Ratio	Lower	Upper	
202	100		
101	10.9	7.8	11.6
100	9.3	6.6	10.0





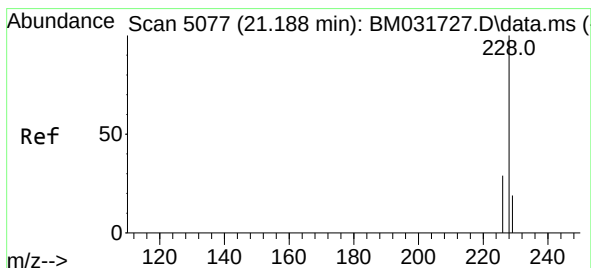
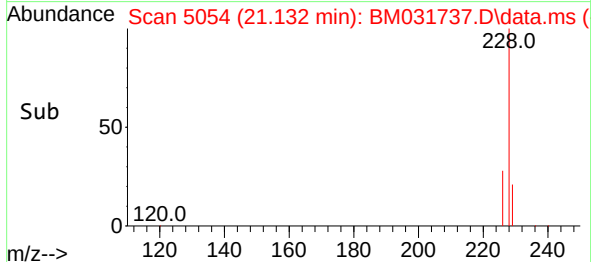
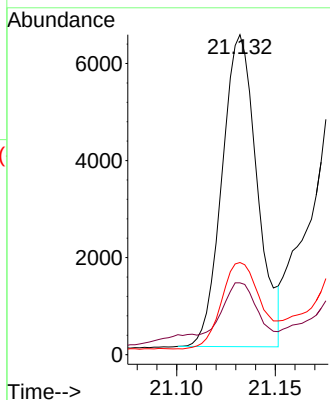
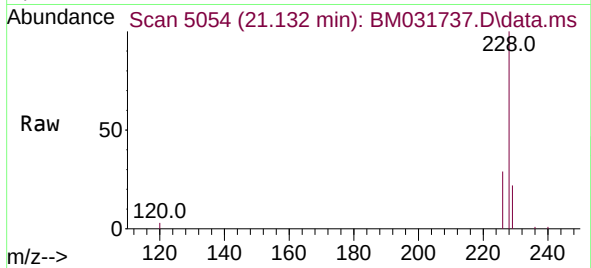
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Benzo(a)anthracene
Concen: 17.932 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:228	Resp:	7965
Ion Ratio	Lower	Upper
228	100	
229	22.4	15.6 23.4
226	28.8	21.7 32.5

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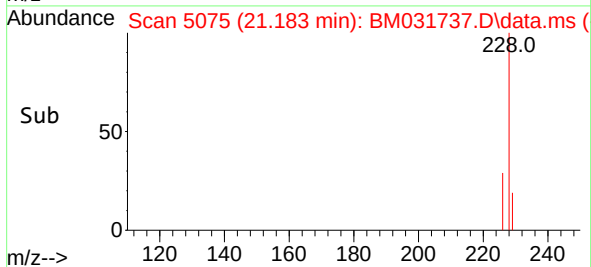
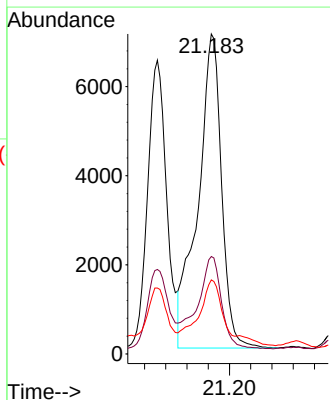
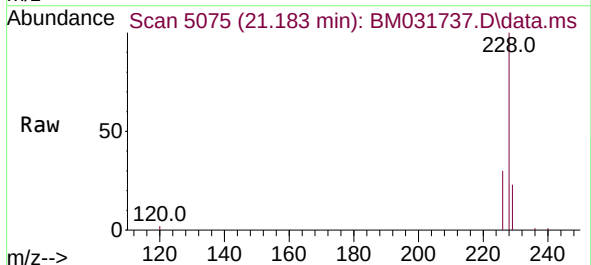
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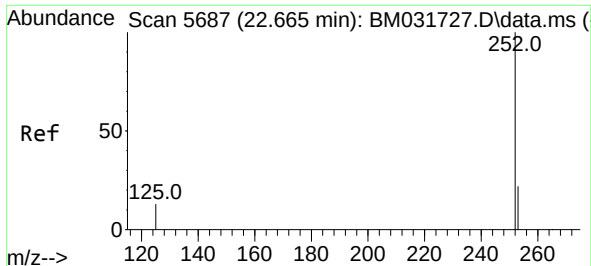
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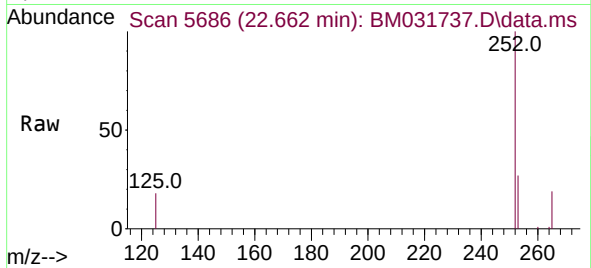
#22
Chrysene
Concen: 23.746 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:228	Resp:	10913
Ion Ratio	Lower	Upper
228	100	
226	30.5	24.7 37.1
229	23.2	16.2 24.2

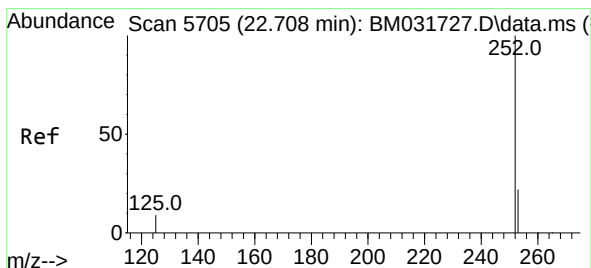
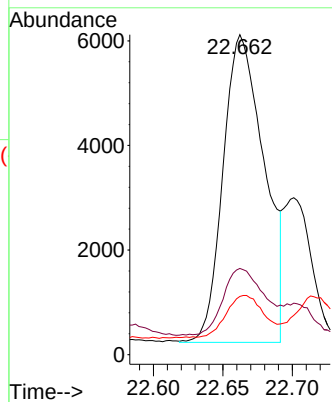
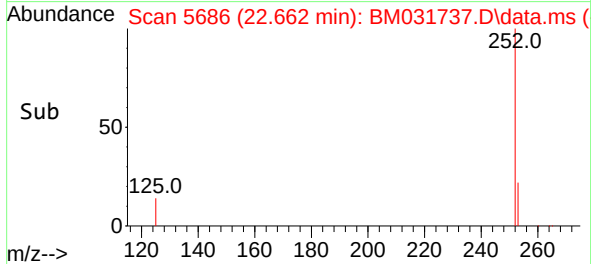




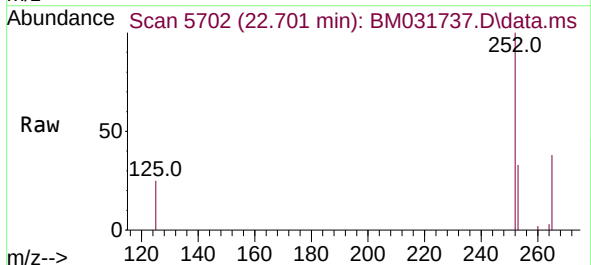
#24
Benzo(b)fluoranthene
Concen: 537.424 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.014 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



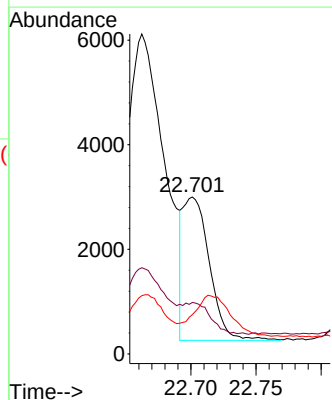
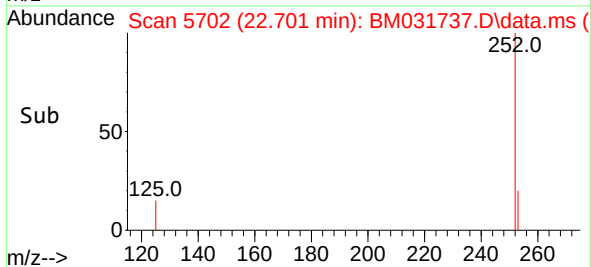
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Ion Ratio Lower Upper
252 100
253 27.0 0.0 53.0
125 18.2 0.0 22.8



#25
Benzo(k)fluoranthene
Concen: 166.656 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34



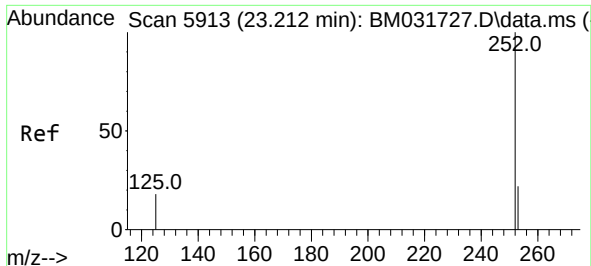
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Ion Ratio Lower Upper
252 100
253 32.8 21.3 31.9#
125 25.1 8.8 13.2#



Instrument :
BNA_M
ClientSampled :
C00F0DL

Manual Integrations
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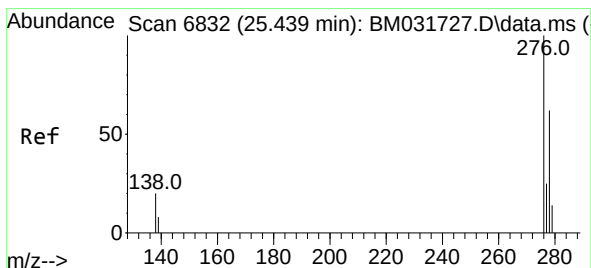
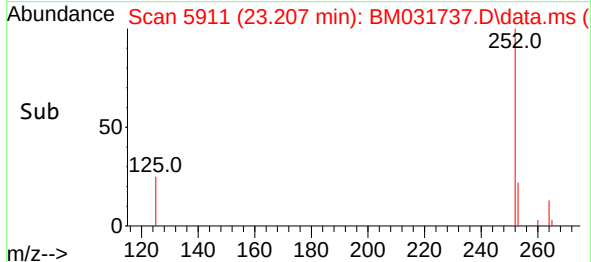
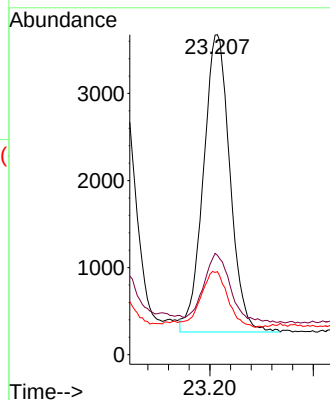
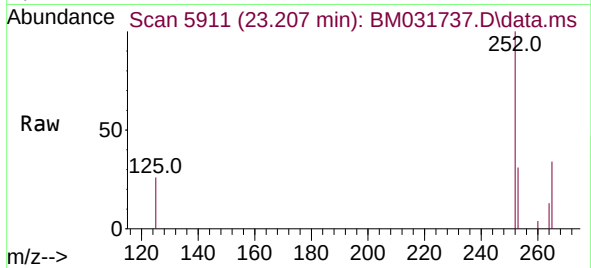
#26
Benzo(a)pyrene
Concen: 309.343 ng/ul
RT: 23.207 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:	252	Resp:	6103
Ion Ratio	Lower	Upper	
252	100		
253	31.1	22.4	33.6
125	25.9	13.0	19.4#

Instrument :
BNA_M
ClientSampleId :
C00F0DL

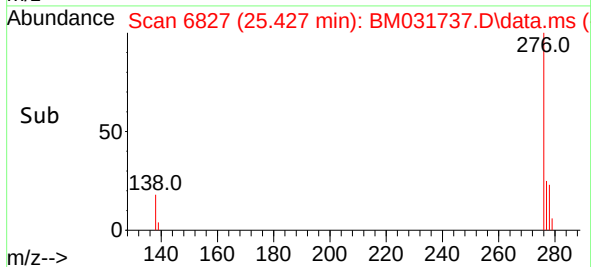
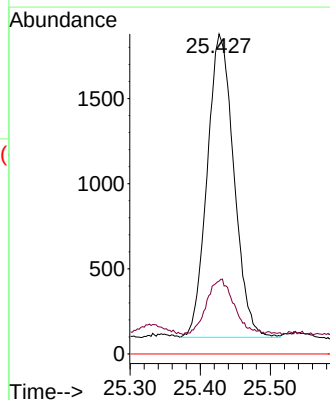
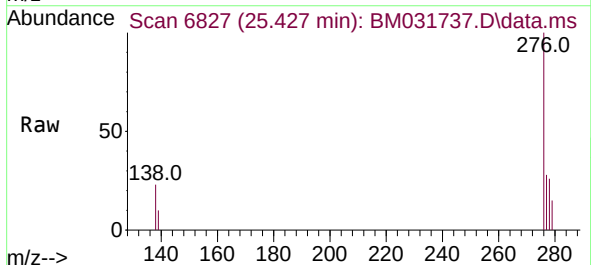
Manual Integrations
APPROVED

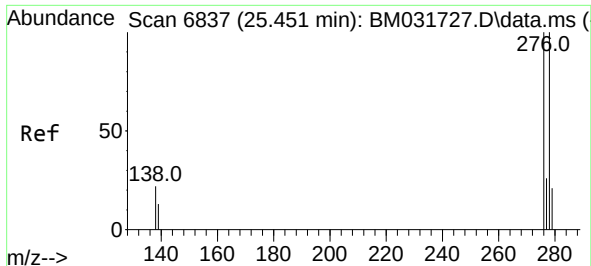
mohammad
8/16/2021 8:41:04 AM



#27
Indeno(1,2,3-cd)pyrene
Concen: 184.719 ng/ul
RT: 25.427 min Scan# 6827
Delta R.T. -0.034 min
Lab File: BM031737.D
Acq: 14 Aug 2021 05:34

Tgt Ion:	276	Resp:	4711
Ion Ratio	Lower	Upper	
276	100		
138	19.1	15.8	23.8
227	0.0	0.0	0.0





#28

Dibenzo(a,h)anthracene

Concen: 65.634 ng/ul m

RT: 25.436 min Scan# 6831

Delta R.T. -0.036 min

Lab File: BM031737.D

Acq: 14 Aug 2021 05:34

Tgt Ion:	278	Resp:	1349
Ion Ratio	Lower	Upper	
278	100		
139	35.0	13.3	19.9#
279	58.3	22.8	34.2#

Instrument :

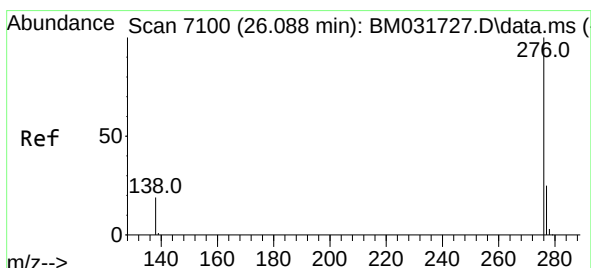
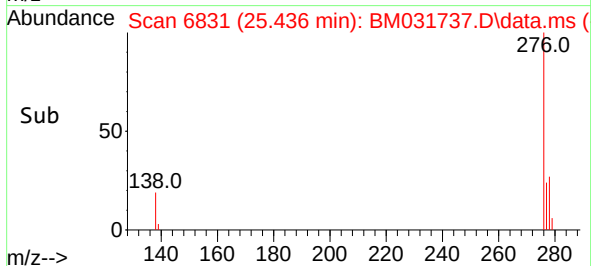
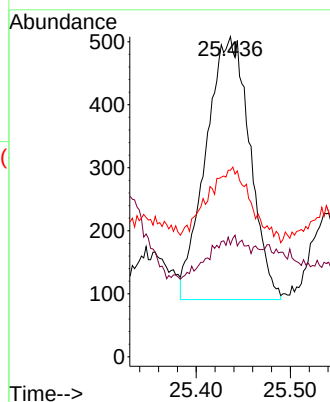
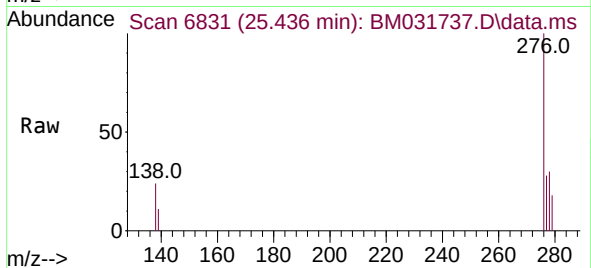
BNA_M

ClientSampled :

C00F0DL

Manual Integrations
APPROVED

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#29

Benzo(g,h,i)perylene

Concen: 46.562 ng/ul

RT: 26.078 min Scan# 7096

Delta R.T. -0.029 min

Lab File: BM031737.D

Acq: 14 Aug 2021 05:34

Tgt Ion:	276	Resp:	1013
Ion Ratio	Lower	Upper	
276	100		
138	38.8	15.4	23.2#
277	38.8	19.9	29.9#

