

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031731.D
 Acq On : 14 Aug 2021 01:51
 Operator : CG/JU
 Sample : M3208-01DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00E1DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:44 AM

Quant Time: Aug 14 02:46:50 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 00:52:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	1347	0.400	ng/ul	0.00
4) Naphthalene-d8	10.324	136	4800	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.201	164	2601	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4950	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.146	240	4271	0.400	ng/ul	#-0.01
23) Perylene-d12	23.299	264	4240	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.186	96	1015	0.678	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.925	152	322	0.040	ng/ul	0.00
18) Fluoranthene-d10	18.985	212	615	0.043	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.373	128	1355	0.095	ng/ul#	90
7) 2-Methylnaphthalene	12.001	142	1274	0.130	ng/ul	98
8) 1-Methylnaphthalene	12.217	142	800	0.083	ng/ul	99
10) Acenaphthylene	13.922	152	1407	0.127	ng/ul#	90
12) Fluorene	15.258	166	281	0.026	ng/ul#	79
15) Phenanthrene	16.992	178	8048	0.512	ng/ul	99
16) Anthracene	17.082	178	1690	0.115	ng/ul#	91
19) Fluoranthene	19.016	202	17154	0.941	ng/ul	98
20) Pyrene	19.378	202	14869	0.804	ng/ul	96
21) Benzo(a)anthracene	21.132	228	8905	0.516	ng/ul	92
22) Chrysene	21.183	228	10028	0.562	ng/ul	97
24) Benzo(b)fluoranthene	22.662	252	12764m	0.668	ng/ul	
25) Benzo(k)fluoranthene	22.698	252	4328m	0.219	ng/ul	
26) Benzo(a)pyrene	23.205	252	8088	0.483	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.426	276	5749	0.266	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.436	278	1632	0.094	ng/ul#	53
29) Benzo(g,h,i)perylene	26.076	276	1690	0.092	ng/ul#	75

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

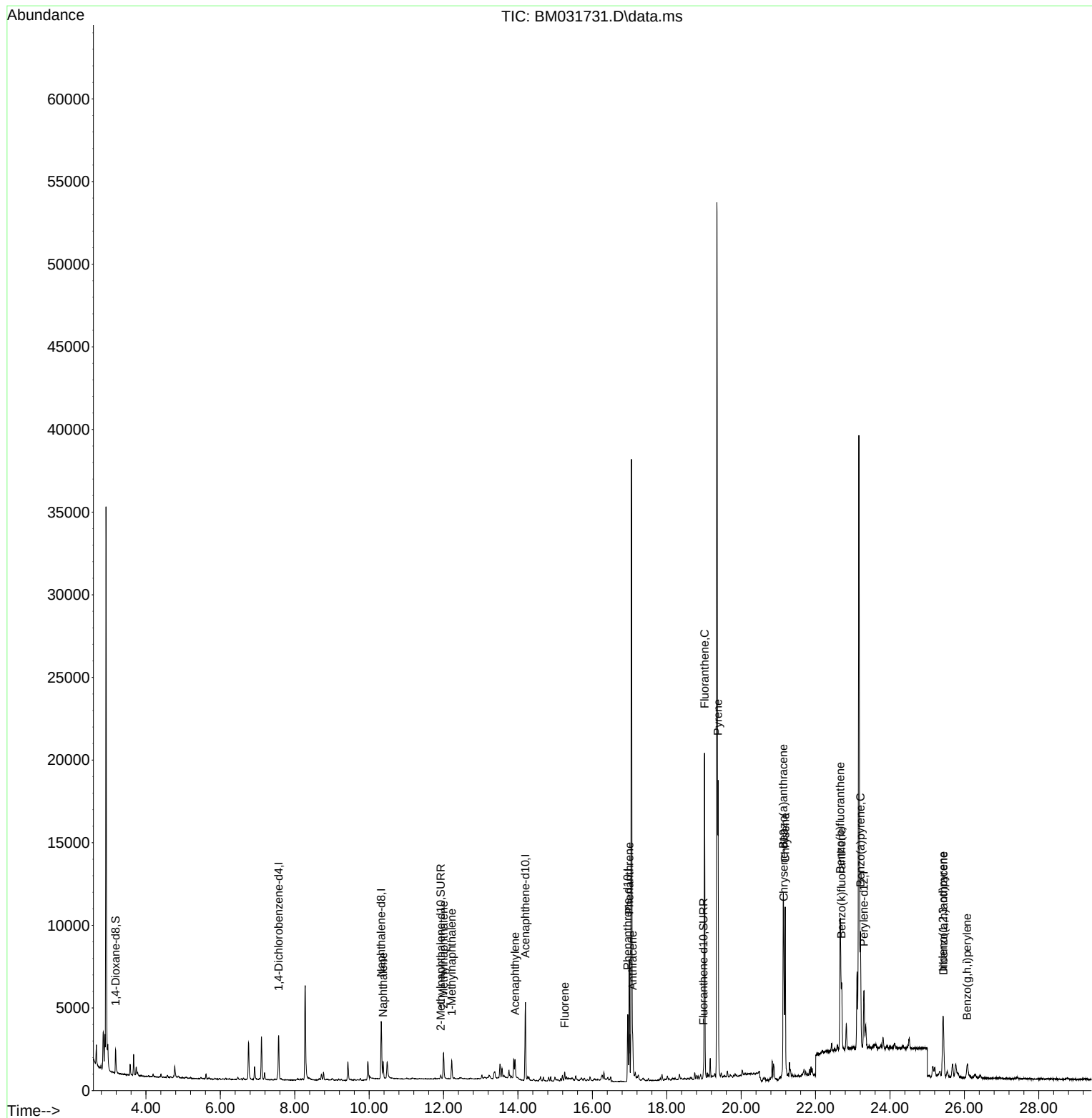
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031731.D
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ALS Vial : 20 Sample Multiplier: 1

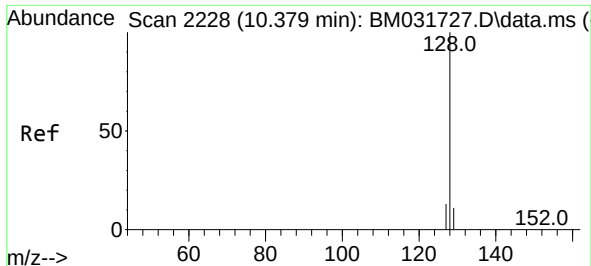
Instrument :
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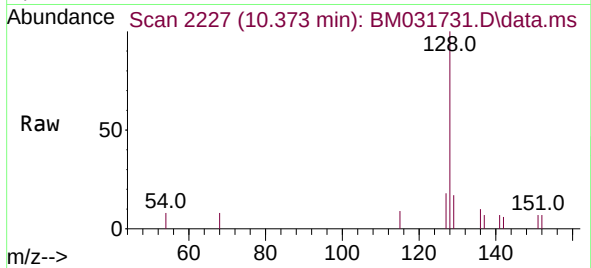
mohammad
8/16/2021 8:40:44 AM

Quant Time: Aug 14 02:46:50 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 00:52:50 2021
Response via : Initial Calibration

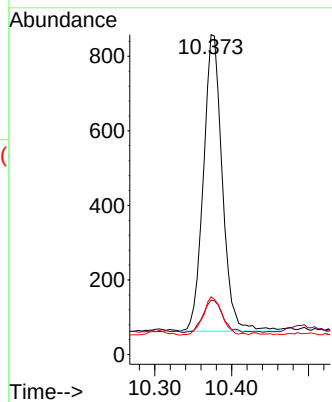
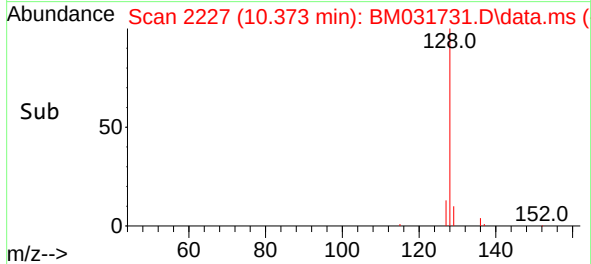




#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.373 min Scan# 2227
Delta R.T. -0.009 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



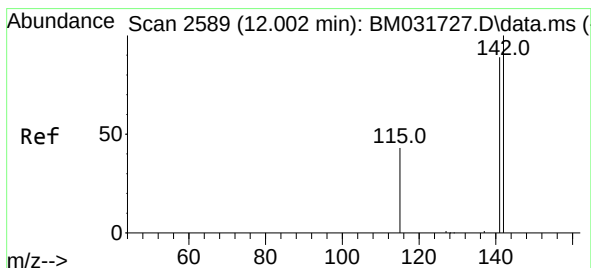
Tgt Ion:128 Resp: 1355
Ion Ratio Lower Upper
128 100
129 17.0 10.0 15.0#
127 18.1 11.6 17.4#



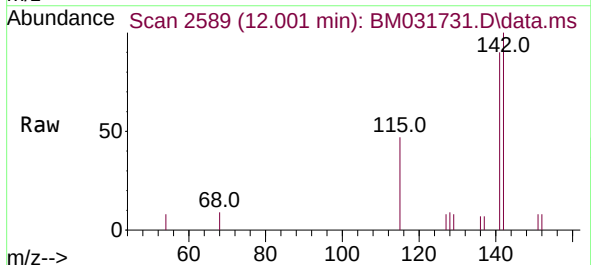
Instrument :
BNA_M
ClientSampleID :
C00E1DL

Manual Integrations
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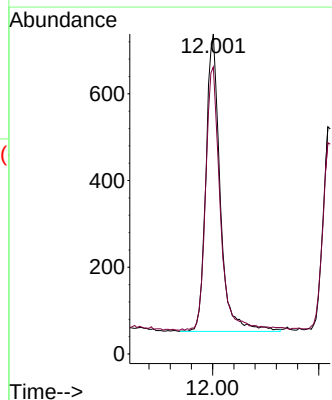
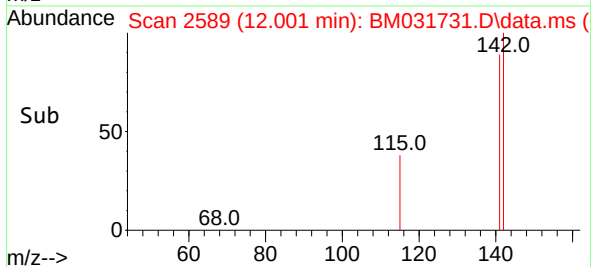
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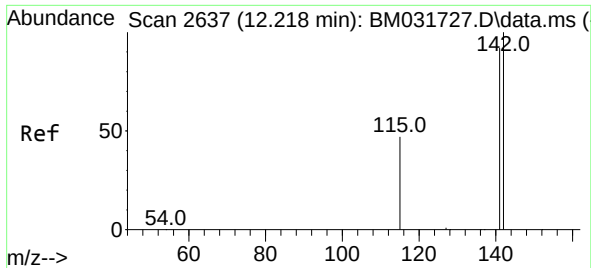


#7
2-Methylnaphthalene
Concen: 0.130 ng/ul
RT: 12.001 min Scan# 2589
Delta R.T. -0.005 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



Tgt Ion:142 Resp: 1274
Ion Ratio Lower Upper
142 100
141 91.1 71.4 107.0





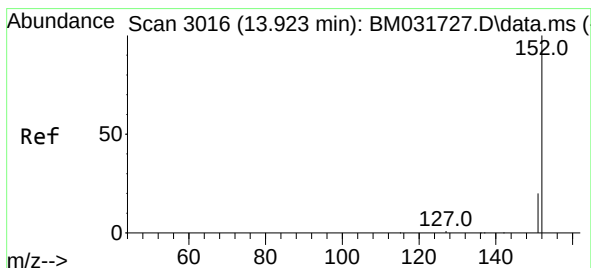
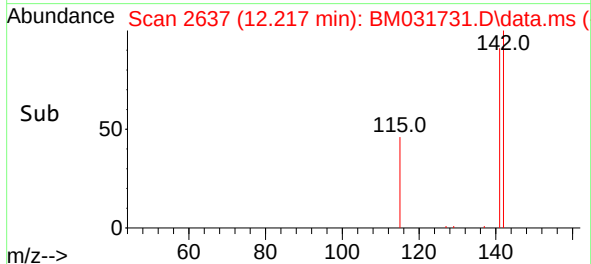
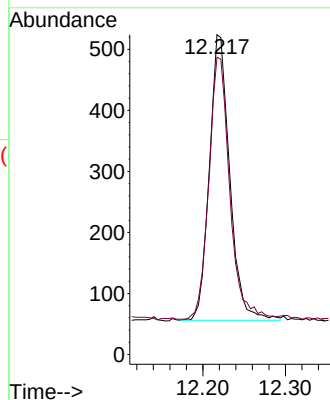
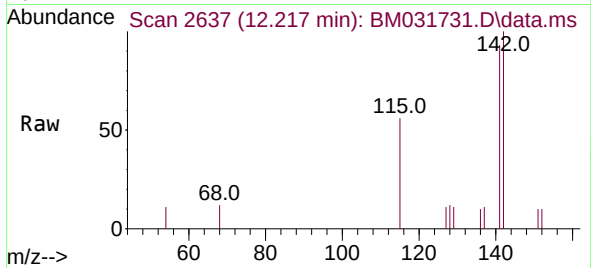
#8
1-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 12.217 min Scan# 2637
Delta R.T. -0.009 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51

Tgt Ion:142 Resp: 800
Ion Ratio Lower Upper
142 100
141 94.0 74.1 111.1

Instrument :
BNA_M
ClientSampled :
C00E1DL

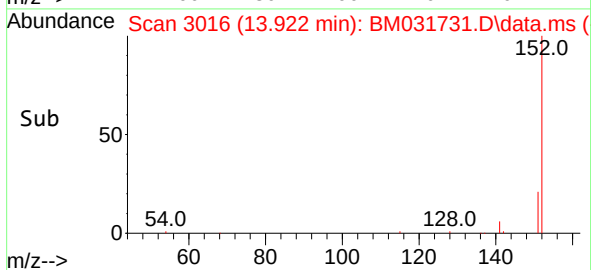
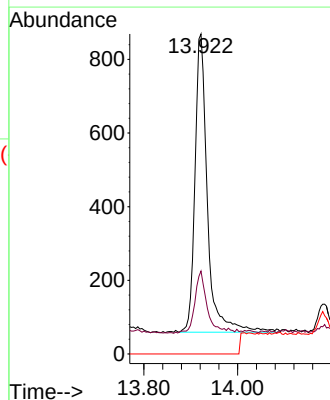
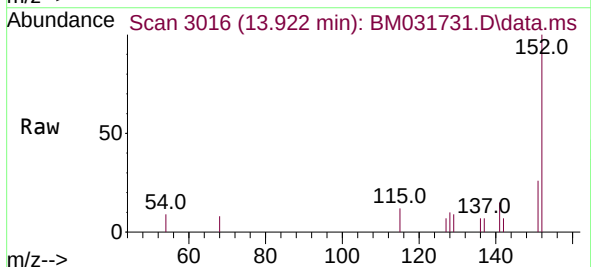
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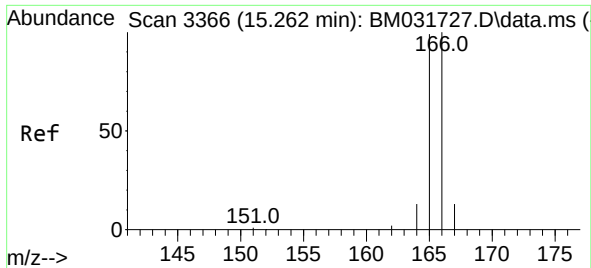
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#10
Acenaphthylene
Concen: 0.127 ng/ul
RT: 13.922 min Scan# 3016
Delta R.T. -0.009 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51

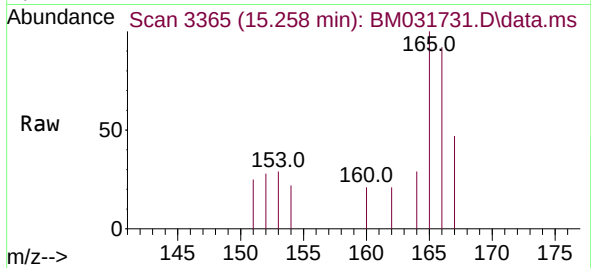
Tgt Ion:152 Resp: 1407
Ion Ratio Lower Upper
152 100
151 25.9 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.026 ng/ul
RT: 15.258 min Scan# 3365
Delta R.T. -0.011 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51

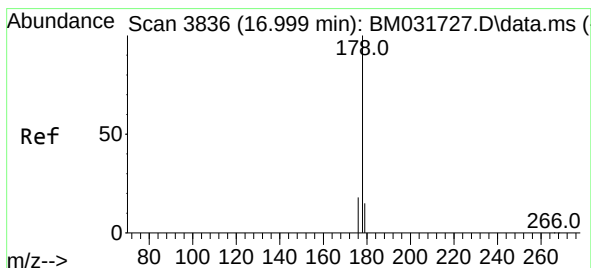
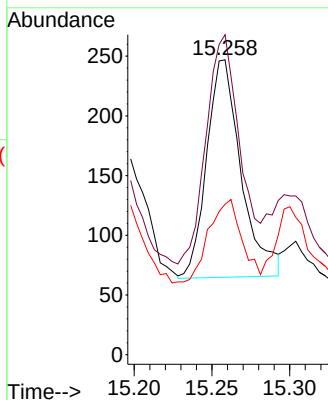
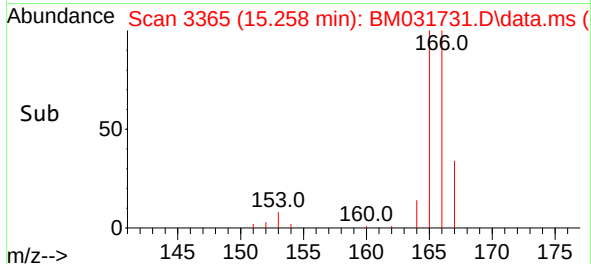
Instrument :
BNA_M
ClientSampled :
C00E1DL



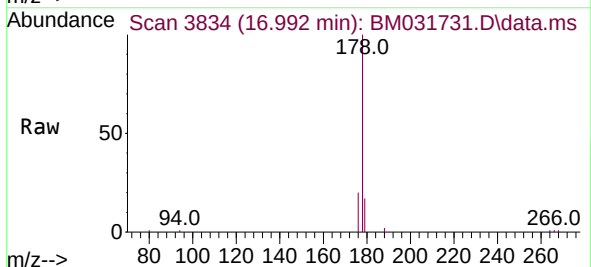
Tgt Ion:166 Resp: 281
Ion Ratio Lower Upper
166 100
165 108.5 78.0 117.0
167 51.0 12.0 18.0#

Manual Integrations
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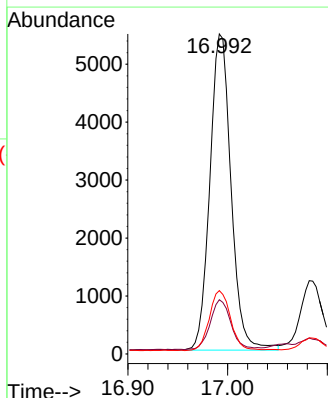
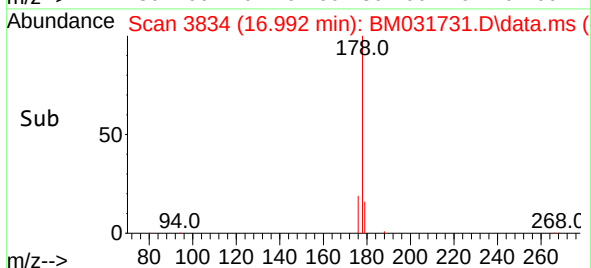
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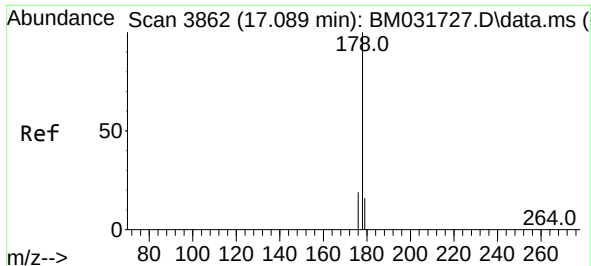


#15
Phenanthrene
Concen: 0.512 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



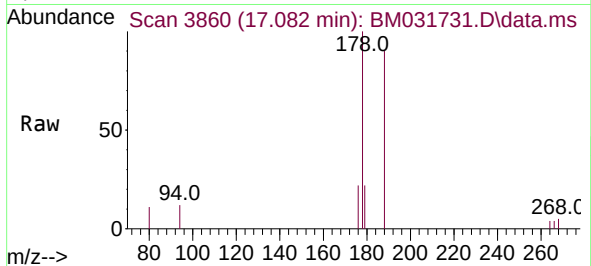
Tgt Ion:178 Resp: 8048
Ion Ratio Lower Upper
178 100
179 16.9 13.3 19.9
176 19.8 16.2 24.4





#16
 Anthracene
 Concen: 0.115 ng/ul
 RT: 17.082 min Scan# 3860
 Delta R.T. -0.014 min
 Lab File: BM031731.D
 Acq: 14 Aug 2021 01:51

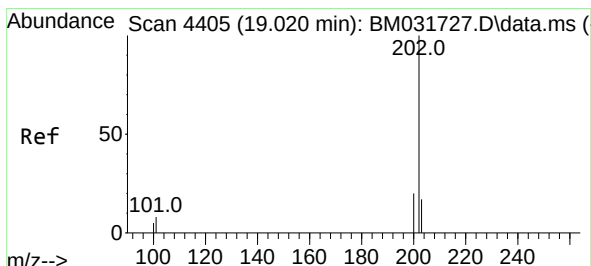
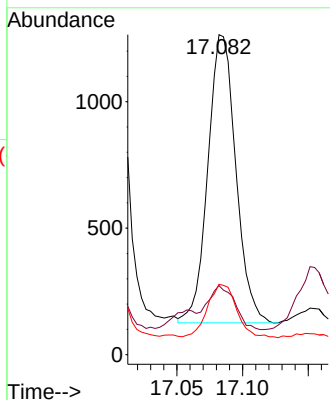
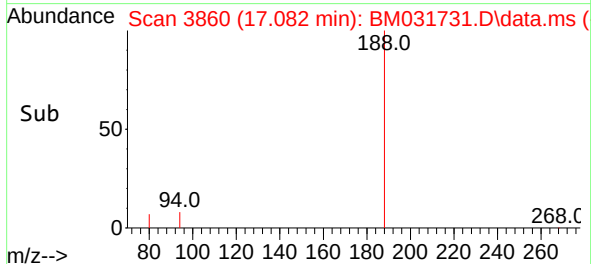
Instrument :
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 ClientSampleID :
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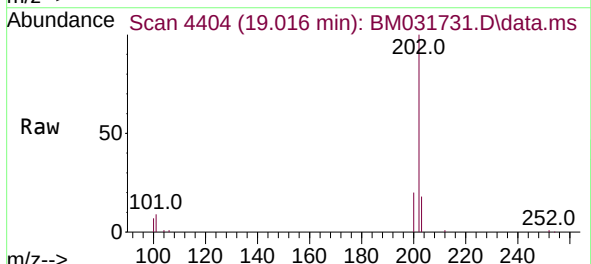
Tgt Ion:	178	Resp:	1690
Ion Ratio	Lower	Upper	
178	100		
179	21.6	13.0	19.6#
176	22.0	15.6	23.4

Manual Integrations
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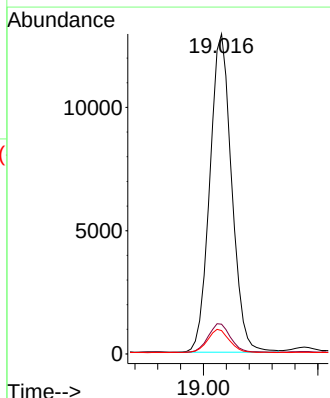
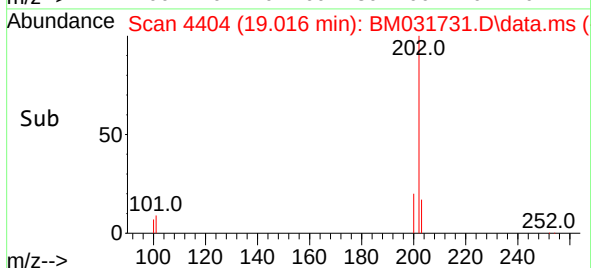
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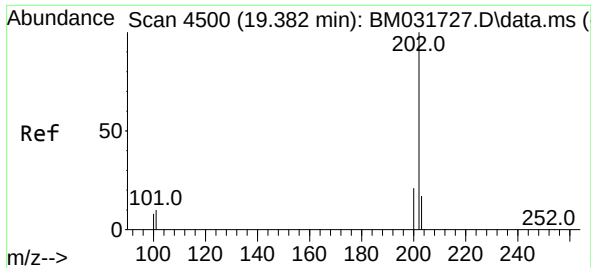


#19
 Fluoranthene
 Concen: 0.941 ng/ul
 RT: 19.016 min Scan# 4404
 Delta R.T. -0.011 min
 Lab File: BM031731.D
 Acq: 14 Aug 2021 01:51



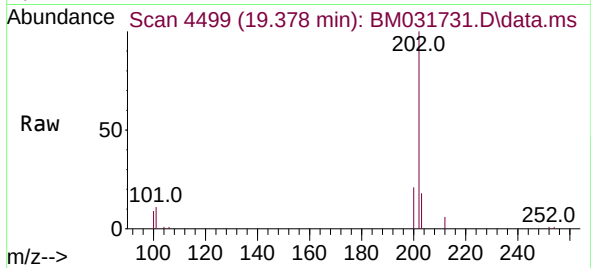
Tgt Ion:	202	Resp:	17154
Ion Ratio	Lower	Upper	
202	100		
101	9.3	6.6	10.0
100	7.3	5.4	8.0





#20
Pyrene
Concen: 0.804 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51

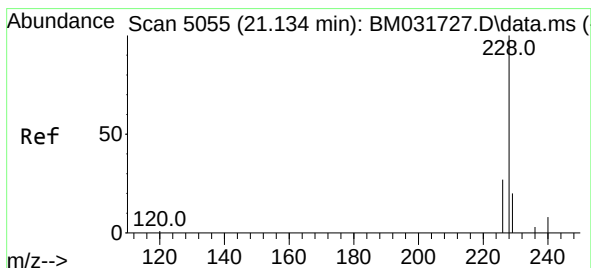
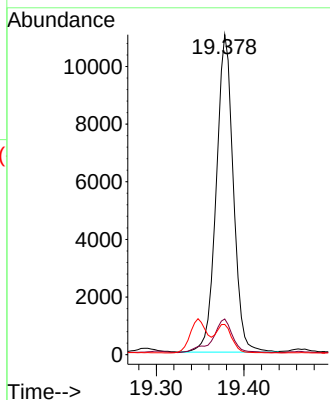
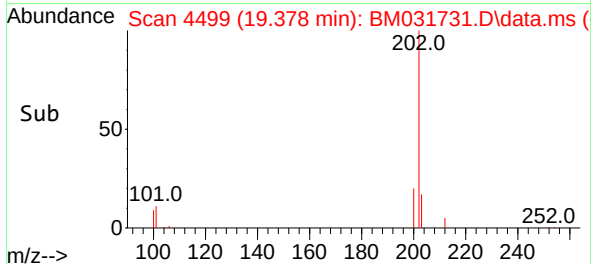
Instrument :
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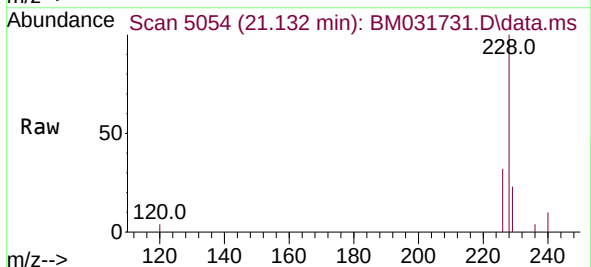
Tgt Ion:202 Resp: 14869
Ion Ratio Lower Upper
202 100
101 11.1 7.8 11.6
100 9.5 6.6 10.0

Manual Integrations
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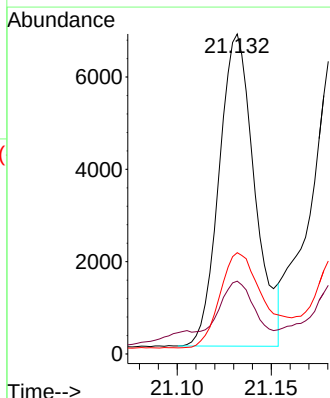
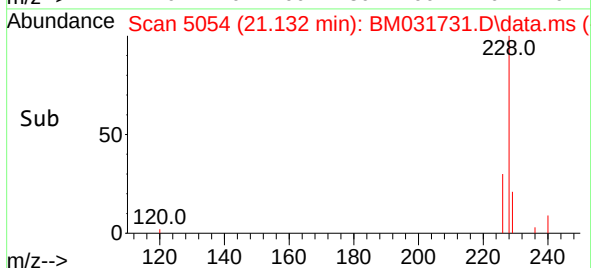
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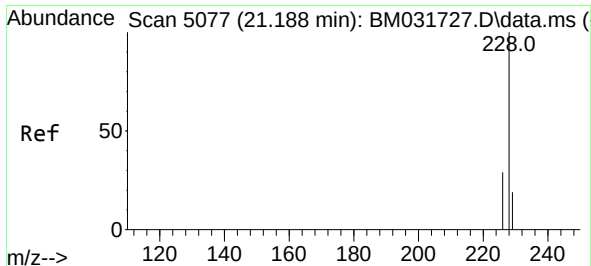


#21
Benzo(a)anthracene
Concen: 0.516 ng/ul
RT: 21.132 min Scan# 5054
Delta R.T. -0.012 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51

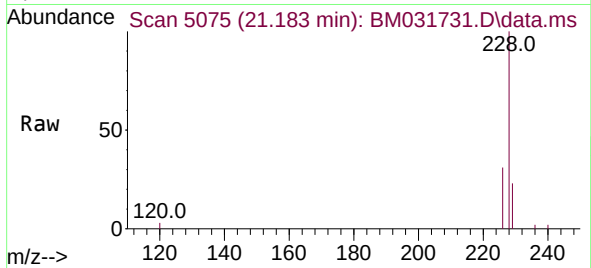


Tgt Ion:228 Resp: 8905
Ion Ratio Lower Upper
228 100
229 22.7 15.6 23.4
226 31.7 21.7 32.5

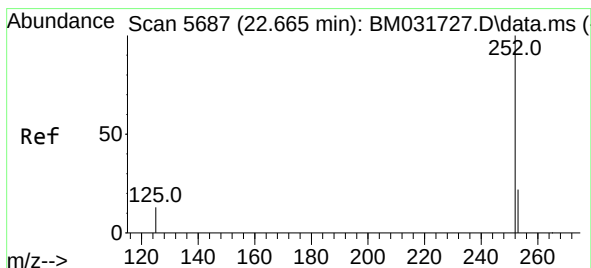
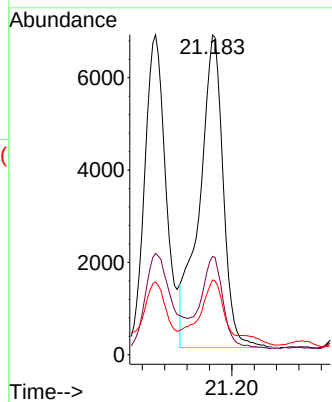
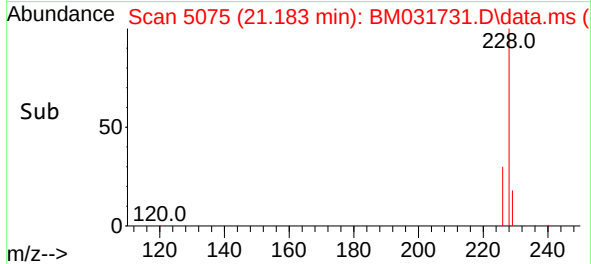




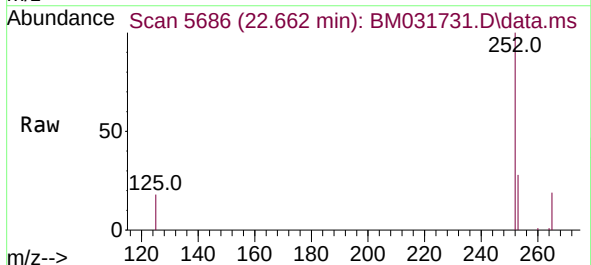
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Chrysene
Concen: 0.562 ng/ul
RT: 21.183 min Scan# 5075
Delta R.T. -0.012 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



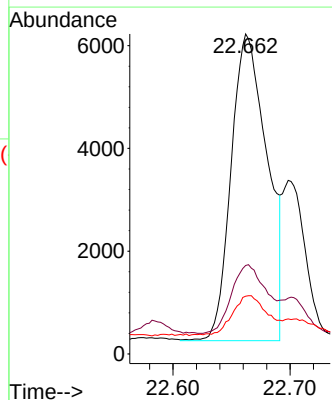
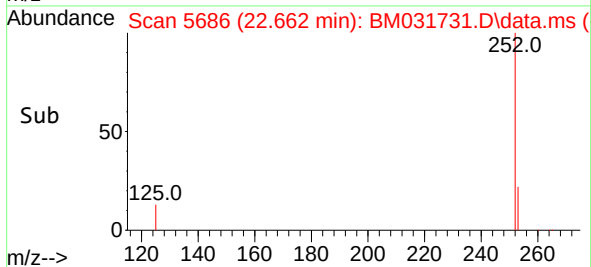
Tgt Ion:	228	Resp:	10028
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.7	37.1
229	23.4	16.2	24.2



#24
Benzo(b)fluoranthene
Concen: 0.668 ng/ul m
RT: 22.662 min Scan# 5686
Delta R.T. -0.015 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



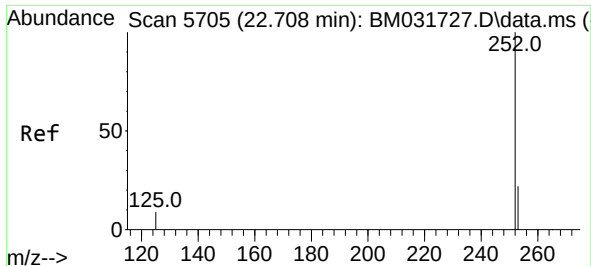
Tgt Ion:	252	Resp:	12764
Ion Ratio	Lower	Upper	
252	100		
253	27.6	0.0	53.0
125	18.0	0.0	22.8



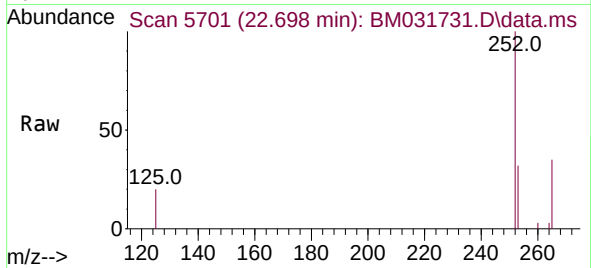
Instrument :
BNA_M
ClientSampleID :
C00E1DL

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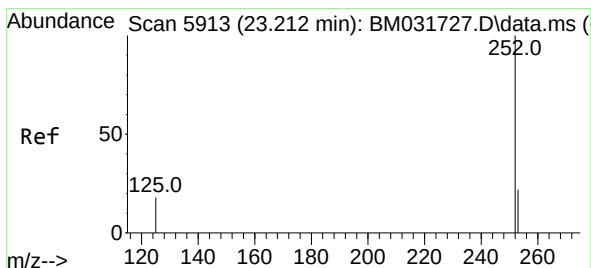
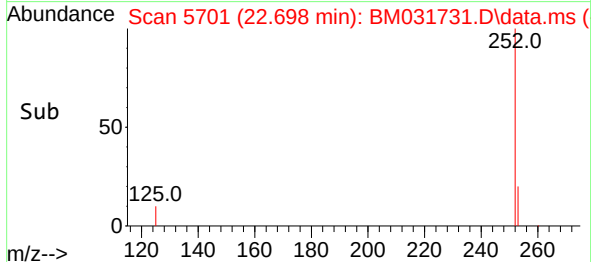
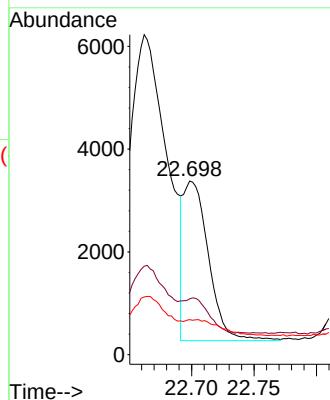
mohammad
8/16/2021 8:40:44 AM



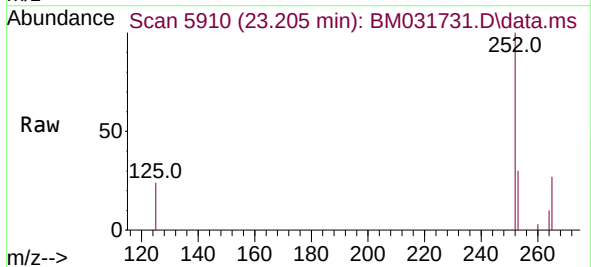
#25
Benzo(k)fluoranthene
Concen: 0.219 ng/ul m
RT: 22.698 min Scan# 5701
Delta R.T. -0.022 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



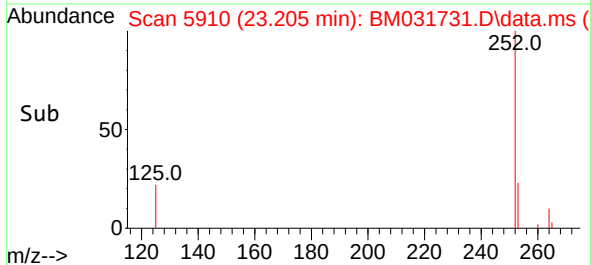
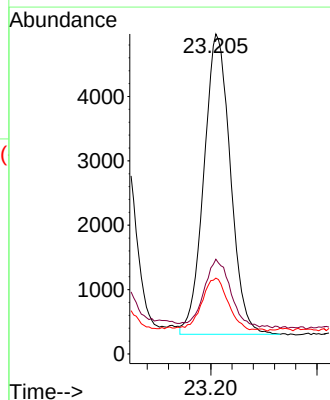
Tgt Ion:252 Resp: 4328
Ion Ratio Lower Upper
252 100
253 32.2 21.3 31.9#
125 20.2 8.8 13.2#



#26
Benzo(a)pyrene
Concen: 0.483 ng/ul
RT: 23.205 min Scan# 5910
Delta R.T. -0.022 min
Lab File: BM031731.D
Acq: 14 Aug 2021 01:51



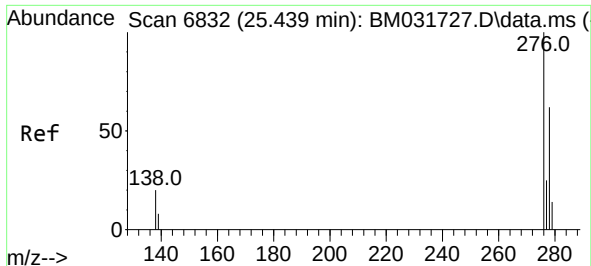
Tgt Ion:252 Resp: 8088
Ion Ratio Lower Upper
252 100
253 29.6 22.4 33.6
125 23.7 13.0 19.4#



Instrument :
BNA_M
ClientSampleID :
C00E1DL

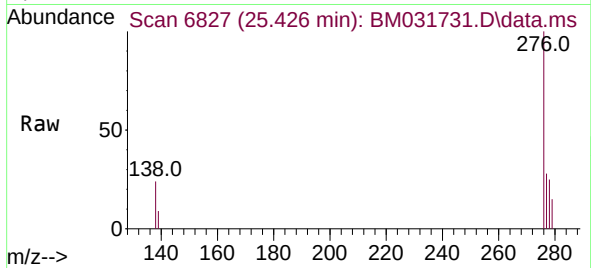
Manual Integrations
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#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.266 ng/ul
 RT: 25.426 min Scan# 6827
 Delta R.T. -0.034 min
 Lab File: BM031731.D
 Acq: 14 Aug 2021 01:51

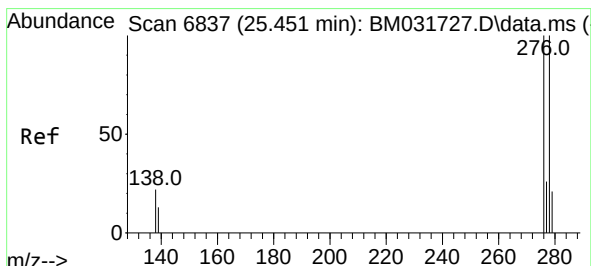
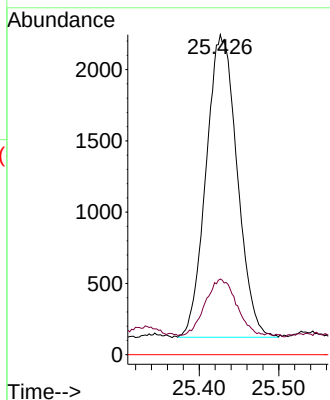
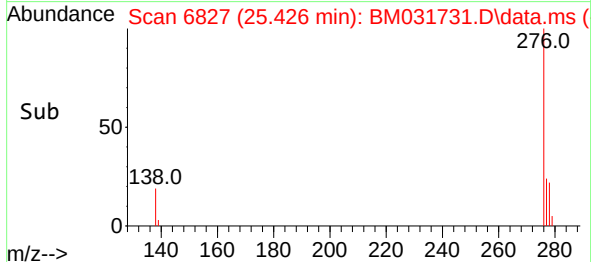
Instrument :
 BNA_M
 ClientSampleID :
 C00E1DL



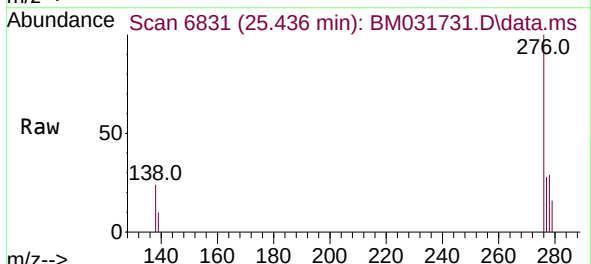
Tgt Ion:276 Resp: 5749
 Ion Ratio Lower Upper
 276 100
 138 18.4 15.8 23.8
 227 0.0 0.0 0.0

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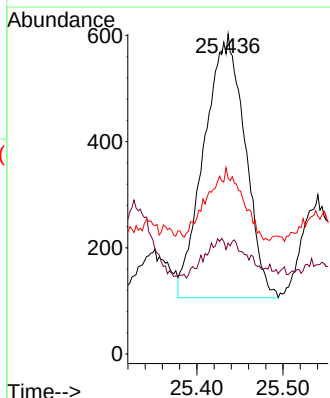
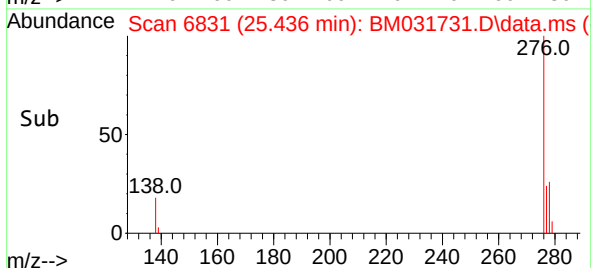
mohammad
 8/16/2021 8:40:44 AM

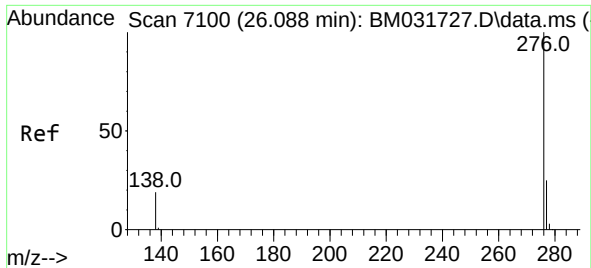


#28
 Dibenzo(a,h)anthracene
 Concen: 0.094 ng/ul
 RT: 25.436 min Scan# 6831
 Delta R.T. -0.036 min
 Lab File: BM031731.D
 Acq: 14 Aug 2021 01:51

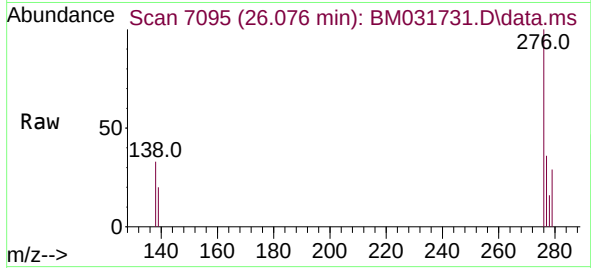


Tgt Ion:278 Resp: 1632
 Ion Ratio Lower Upper
 278 100
 139 34.7 13.3 19.9#
 279 54.9 22.8 34.2#

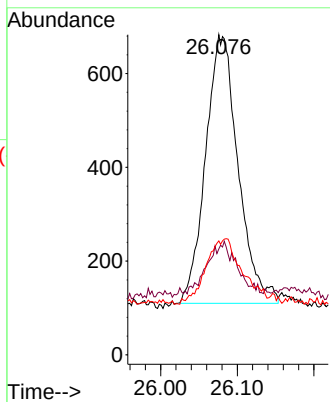
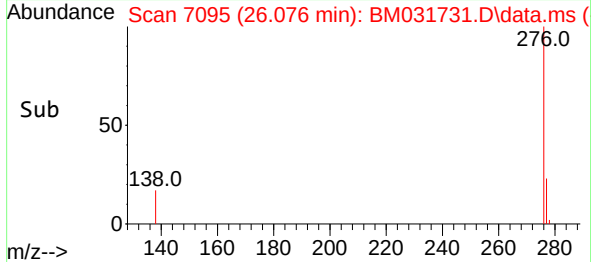




#29
 Benzo(g,h,i)perylene
 Concen: 0.092 ng/ul
 RT: 26.076 min Scan# 7095
 Delta R.T. -0.032 min
 Lab File: BM031731.D
 Acq: 14 Aug 2021 01:51



Tgt Ion:	276	Resp:	1690
Ion Ratio	Lower	Upper	
276	100		
138	33.1	15.4	23.2#
277	35.6	19.9	29.9#



Instrument :
 BNA_M
 ClientSampleID :
 C00E1DL

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:44 AM