

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
 Data File : BM031725.D
 Acq On : 13 Aug 2021 21:29
 Operator : CG/JU
 Sample : M3208-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C00F1

Manual Integrations
 APPROVED

mohammad
 8/16/2021 8:40:36 AM

Quant Time: Aug 14 00:51:45 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	7.570	152	997	0.400	ng/ul	0.00
4) Naphthalene-d8	10.325	136	3726	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.201	164	2136	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.950	188	4001	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.149	240	3349	0.400	ng/ul	# 0.00
23) Perylene-d12	23.304	264	3404	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.182	96	3006	2.715	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.921	152	1037	0.165	ng/ul	-0.01
18) Fluoranthene-d10	18.986	212	2120	0.190	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.374	128	1742	0.157	ng/ul#	91
7) 2-Methylnaphthalene	11.998	142	1391	0.183	ng/ul	99
8) 1-Methylnaphthalene	12.218	142	866	0.116	ng/ul	99
10) Acenaphthylene	13.923	152	813	0.089	ng/ul#	85
12) Fluorene	15.255	166	189	0.021	ng/ul#	81
15) Phenanthrene	16.992	178	5199	0.409	ng/ul	98
16) Anthracene	17.086	178	847	0.071	ng/ul#	84
19) Fluoranthene	19.016	202	7504	0.525	ng/ul#	96
20) Pyrene	19.378	202	6610	0.456	ng/ul#	92
21) Benzo(a)anthracene	21.135	228	3840	0.284	ng/ul#	87
22) Chrysene	21.185	228	5213	0.373	ng/ul#	93
24) Benzo(b)fluoranthene	22.665	252	5991m	0.391	ng/ul	
25) Benzo(k)fluoranthene	22.701	252	1824m	0.115	ng/ul	
26) Benzo(a)pyrene	23.208	252	2817	0.210	ng/ul#	62
27) Indeno(1,2,3-cd)pyrene	25.437	276	2296	0.132	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.434	278	767	0.055	ng/ul#	9

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

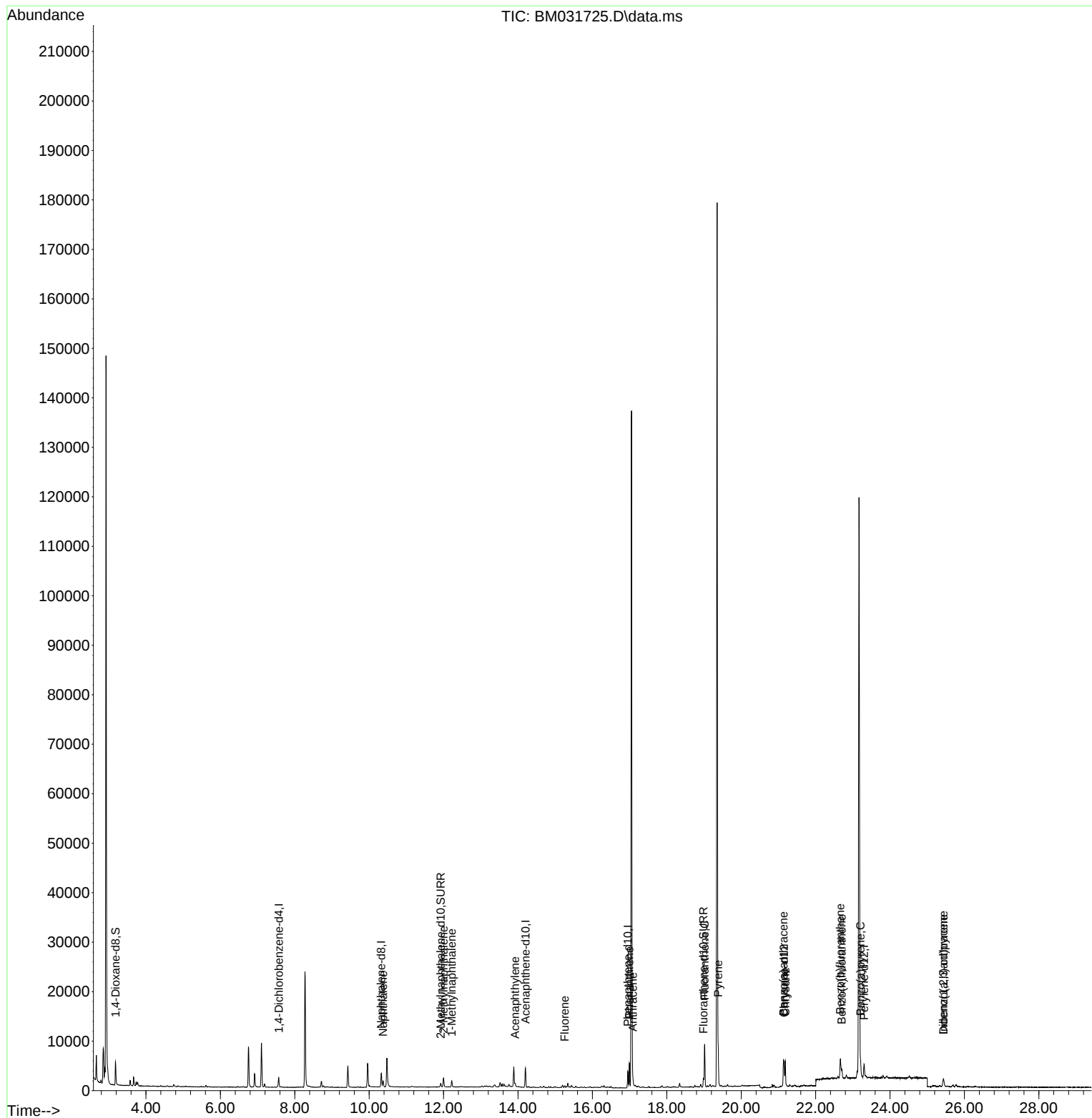
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081221\
Data File : BM031725.D
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Operator : CG/JU
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ALS Vial : 15 Sample Multiplier: 1

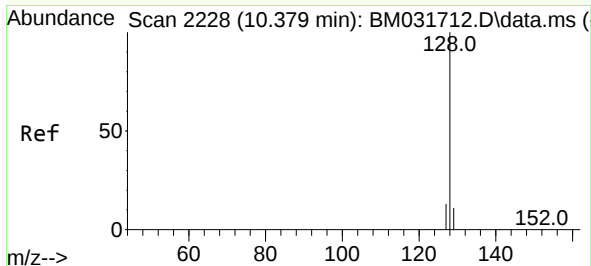
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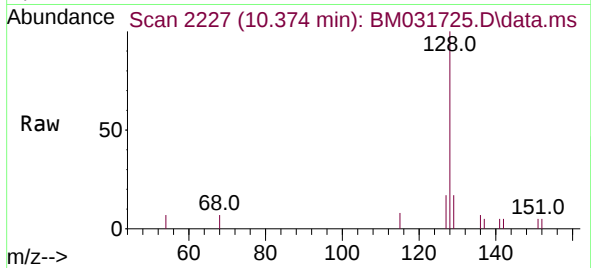
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Quant Time: Aug 14 00:51:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 12 17:28:09 2021
Response via : Initial Calibration

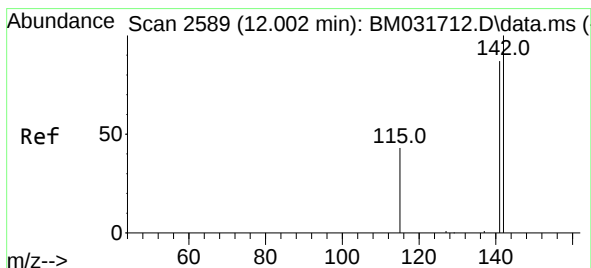
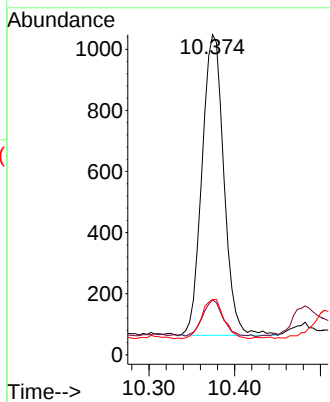
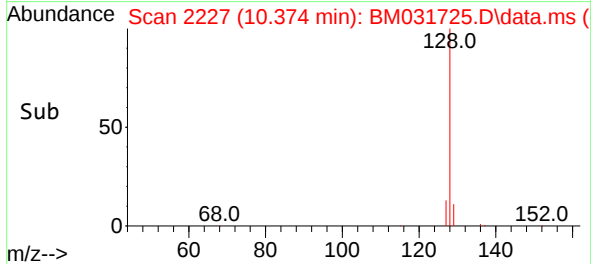




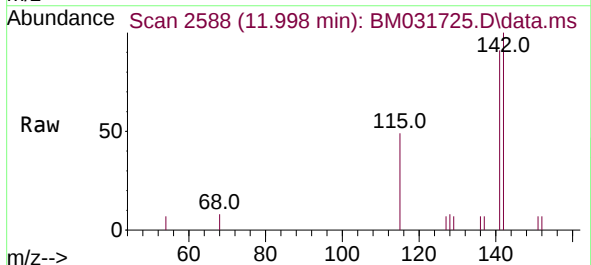
#5
Naphthalene
Concen: 0.157 ng/ul
RT: 10.374 min Scan# 2227
Delta R.T. -0.008 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



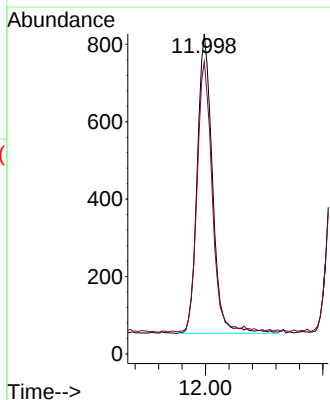
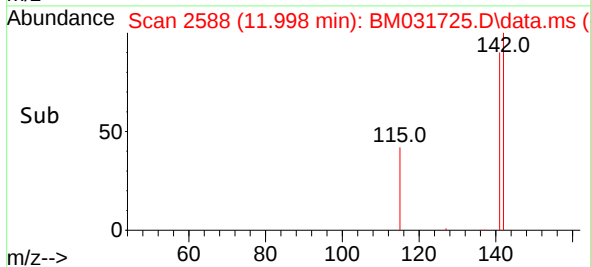
Tgt Ion:128 Resp: 1742
Ion Ratio Lower Upper
128 100
129 17.2 10.0 15.0#
127 17.3 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 11.998 min Scan# 2588
Delta R.T. -0.008 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



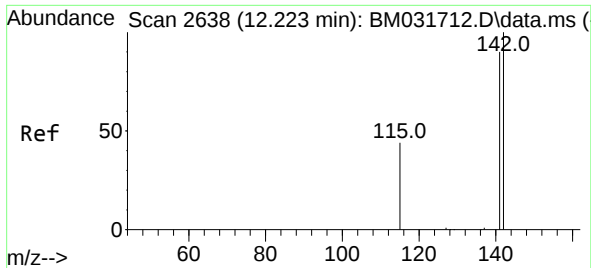
Tgt Ion:142 Resp: 1391
Ion Ratio Lower Upper
142 100
141 88.1 71.4 107.0



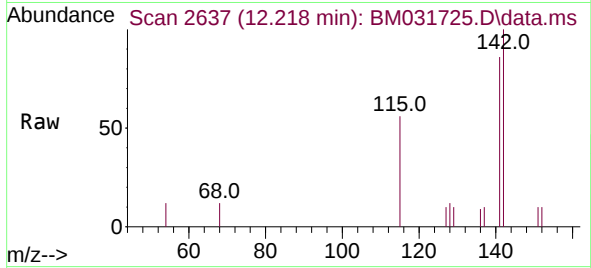
Instrument :
BNA_M
ClientSampleId :
C00F1

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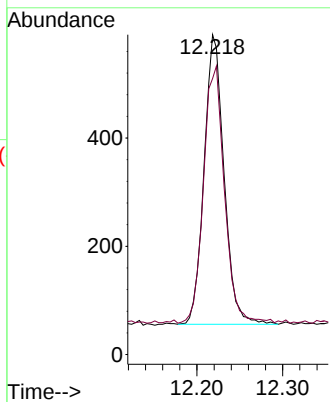
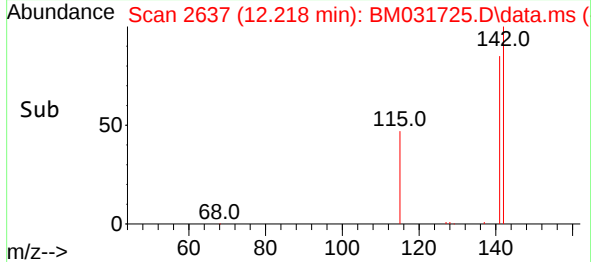
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#8
1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.218 min Scan# 2637
Delta R.T. -0.008 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



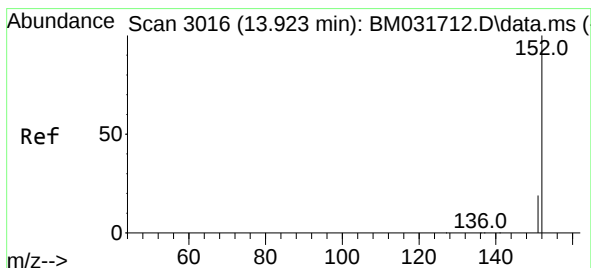
Tgt Ion:142 Resp: 866
Ion Ratio Lower Upper
142 100
141 93.3 74.1 111.1



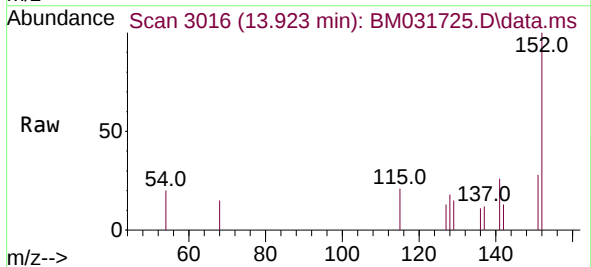
Instrument :
BNA_M
ClientSampled :
C00F1

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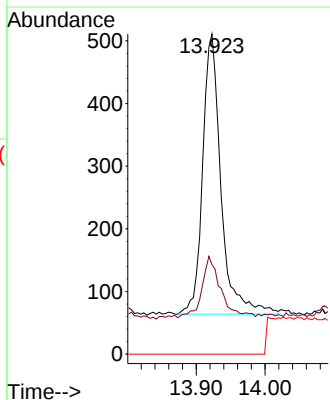
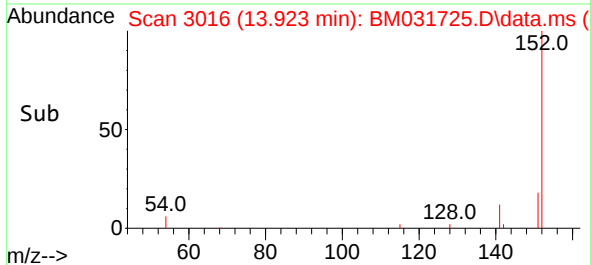
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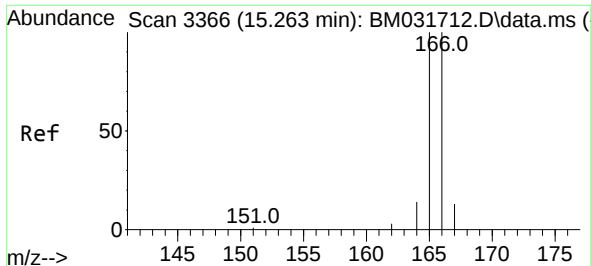


#10
Acenaphthylene
Concen: 0.089 ng/ul
RT: 13.923 min Scan# 3016
Delta R.T. -0.008 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



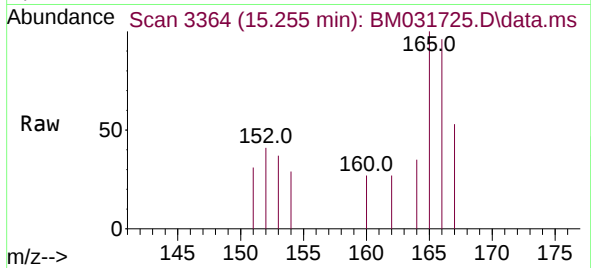
Tgt Ion:152 Resp: 813
Ion Ratio Lower Upper
152 100
151 28.0 16.9 25.3#
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.255 min Scan# 3364
Delta R.T. -0.015 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

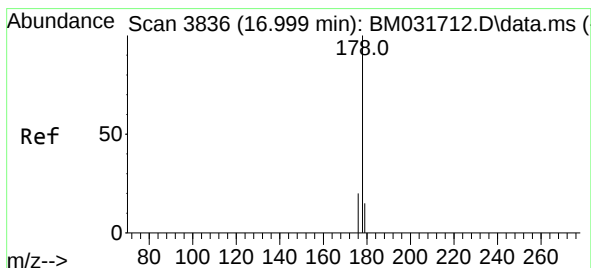
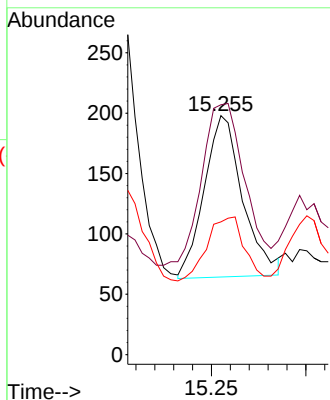
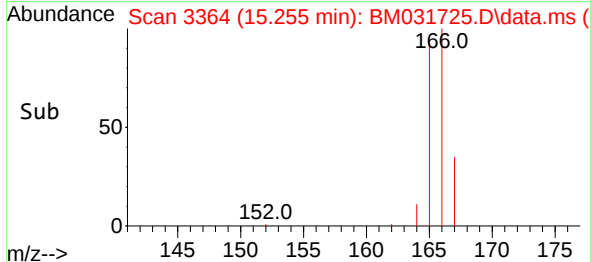
Instrument :
BNA_M
ClientSampled :
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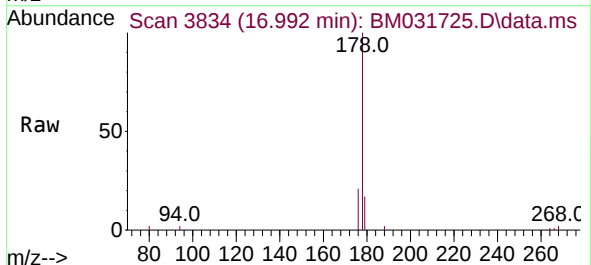
Tgt Ion	Ratio	Lower	Upper
166	100		
165	104.5	78.0	117.0
167	55.6	12.0	18.0

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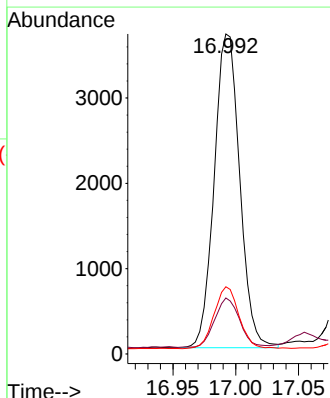
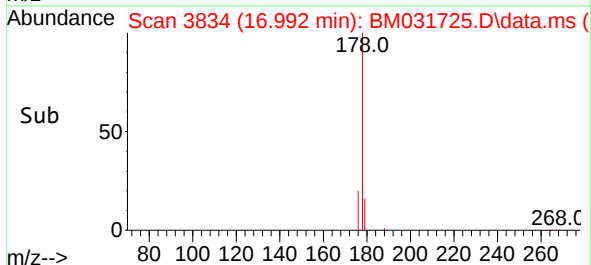
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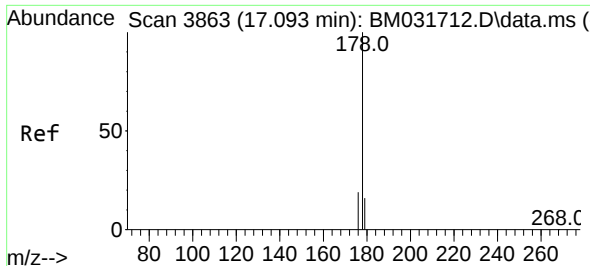


#15
Phenanthrene
Concen: 0.409 ng/ul
RT: 16.992 min Scan# 3834
Delta R.T. -0.010 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



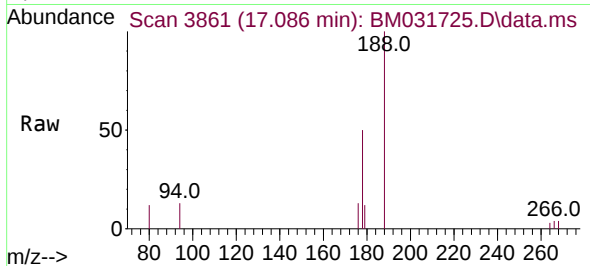
Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.3	19.9
176	21.0	16.2	24.4





#16
 Anthracene
 Concen: 0.071 ng/ul
 RT: 17.086 min Scan# 3861
 Delta R.T. -0.010 min
 Lab File: BM031725.D
 Acq: 13 Aug 2021 21:29

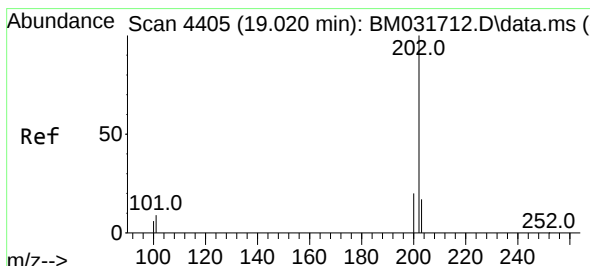
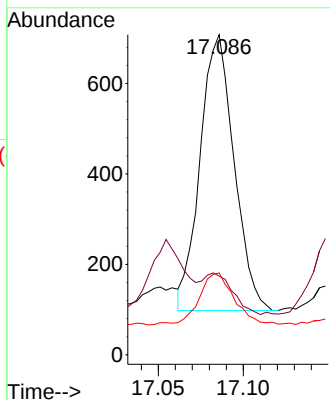
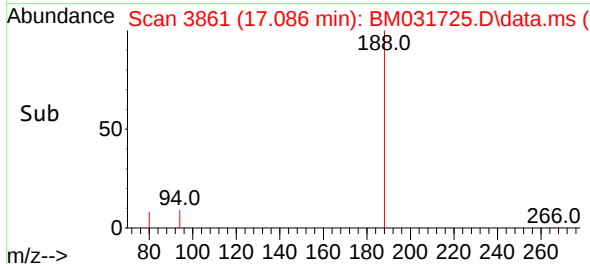
Instrument :
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 ClientSampled :
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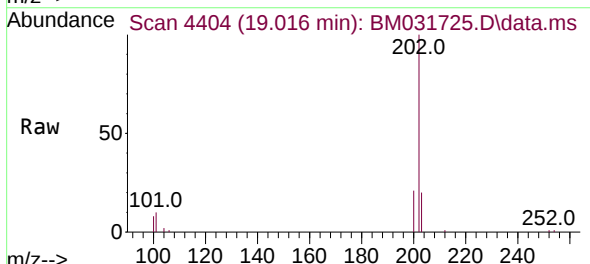
Tgt Ion	Ratio	Lower	Upper
178	100		
179	24.6	13.0	19.6#
176	25.6	15.6	23.4#

Manual Integrations
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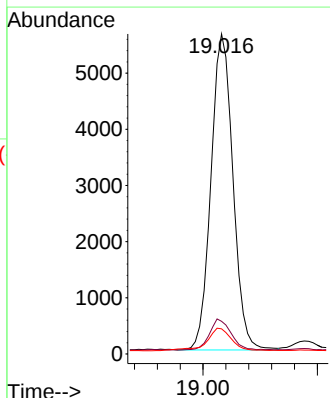
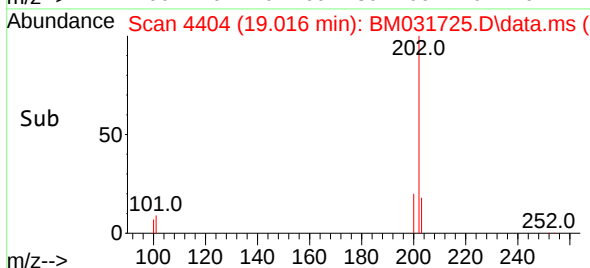
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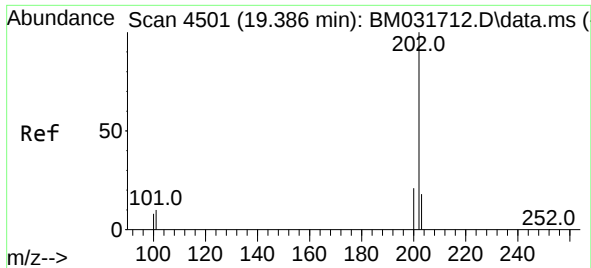


#19
 Fluoranthene
 Concen: 0.525 ng/ul
 RT: 19.016 min Scan# 4404
 Delta R.T. -0.011 min
 Lab File: BM031725.D
 Acq: 13 Aug 2021 21:29



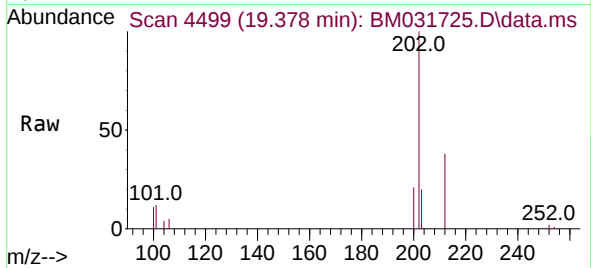
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	6.6	10.0#
100	7.8	5.4	8.0





#20
Pyrene
Concen: 0.456 ng/ul
RT: 19.378 min Scan# 4499
Delta R.T. -0.011 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

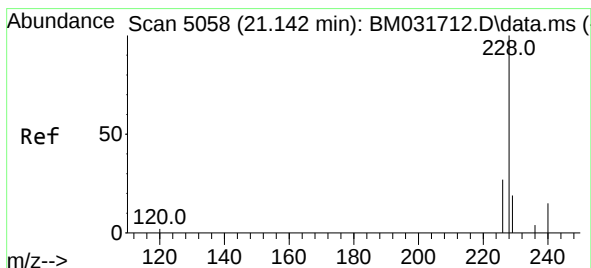
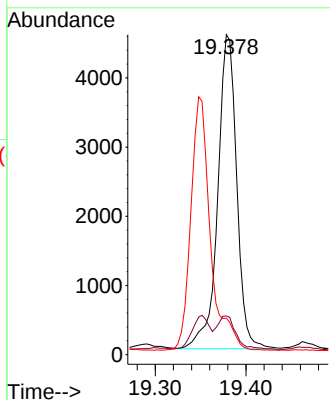
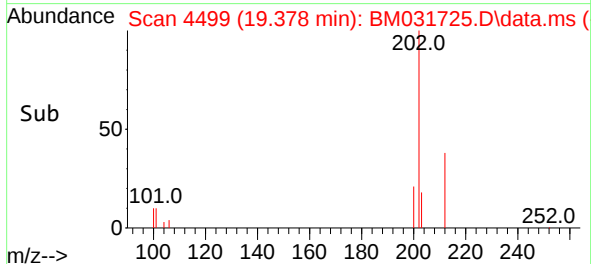
Instrument :
BNA_M
ClientSampleId :
C00F1



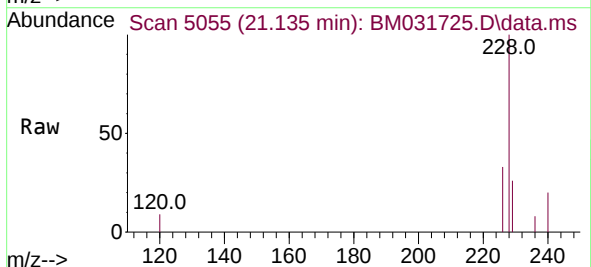
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Ion Ratio Lower Upper
202 100
101 12.1 7.8 11.6#
100 11.4 6.6 10.0#

Manual Integrations
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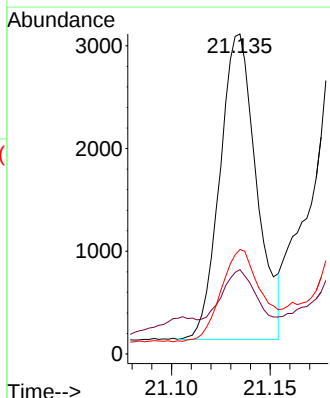
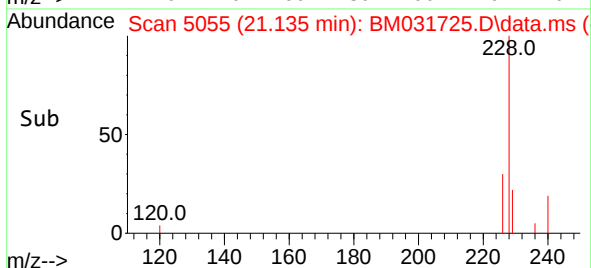
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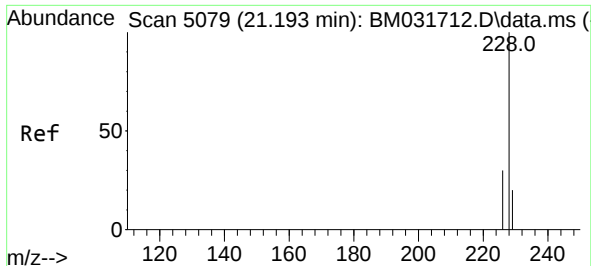


#21
Benzo(a)anthracene
Concen: 0.284 ng/ul
RT: 21.135 min Scan# 5055
Delta R.T. -0.009 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

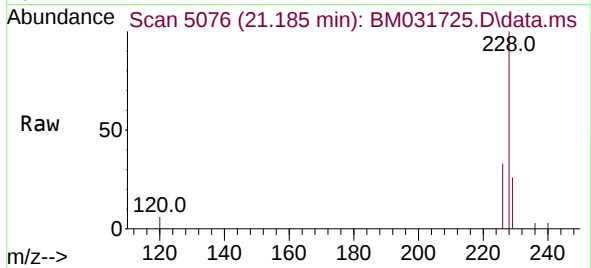


Tgt Ion:228 Resp: 3840
Ion Ratio Lower Upper
228 100
229 26.4 15.6 23.4#
226 32.6 21.7 32.5#

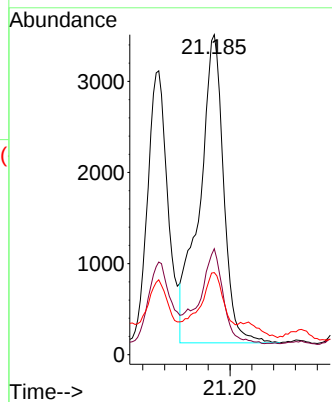
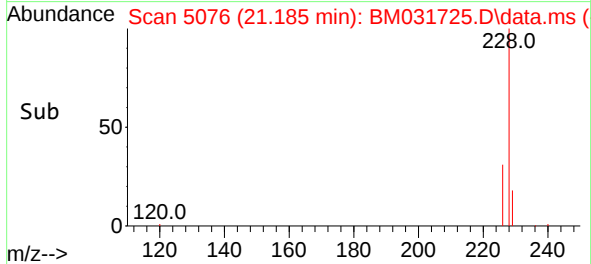




#22
Chrysene
Concen: 0.373 ng/ul
RT: 21.185 min Scan# 5076
Delta R.T. -0.009 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



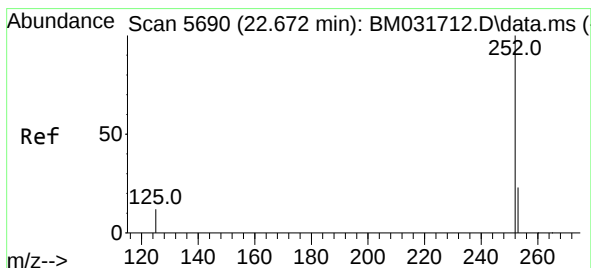
Tgt Ion:228 Resp: 5213
Ion Ratio Lower Upper
228 100
226 33.1 24.7 37.1
229 25.6 16.2 24.2#



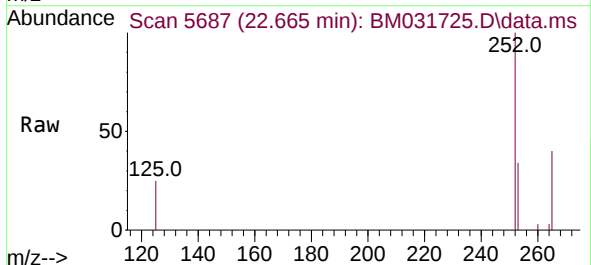
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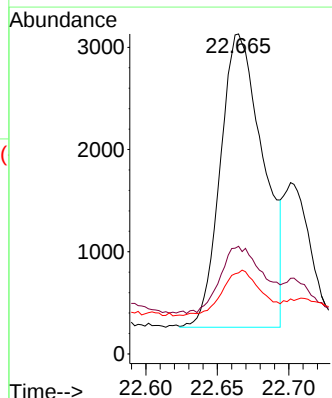
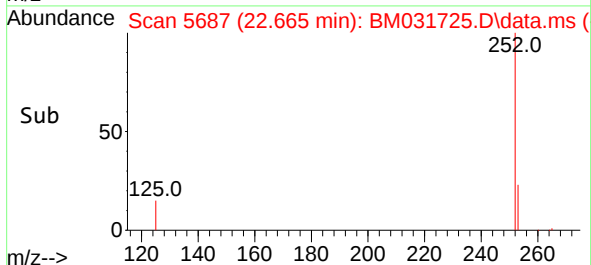
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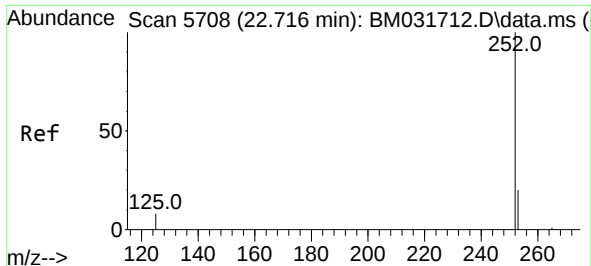


#24
Benzo(b)fluoranthene
Concen: 0.391 ng/ul m
RT: 22.665 min Scan# 5687
Delta R.T. -0.012 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



Tgt Ion:252 Resp: 5991
Ion Ratio Lower Upper
252 100
253 33.7 0.0 53.0
125 25.3 0.0 22.8#





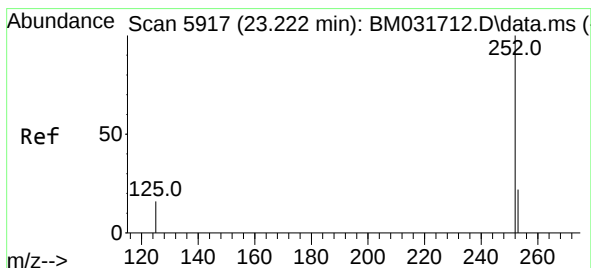
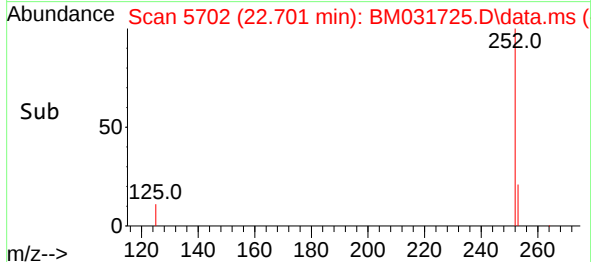
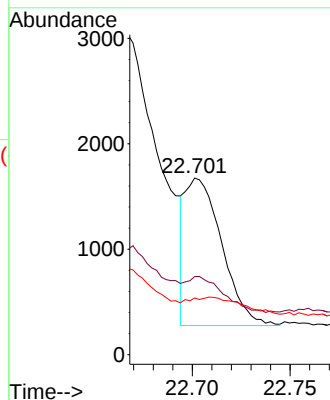
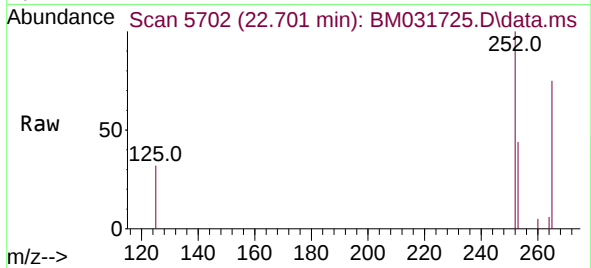
#25
Benzo(k)fluoranthene
Concen: 0.115 ng/ul m
RT: 22.701 min Scan# 5702
Delta R.T. -0.019 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.2	21.3	31.9#
125	32.1	8.8	13.2#

Instrument :
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ClientSampleId :
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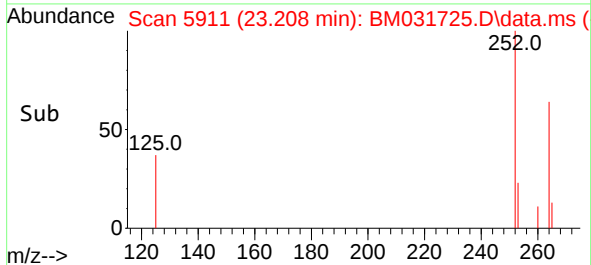
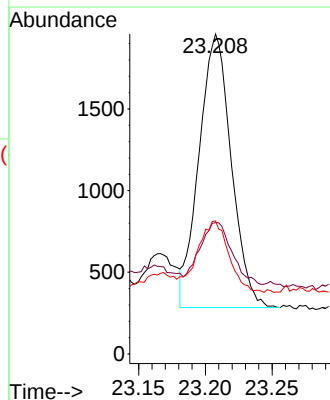
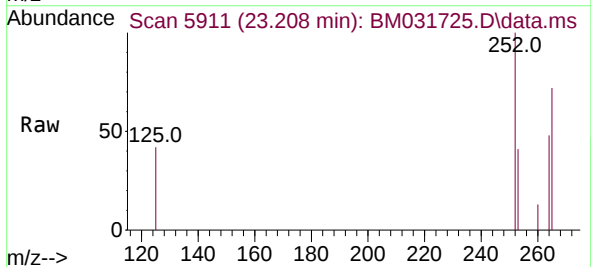
Manual Integrations
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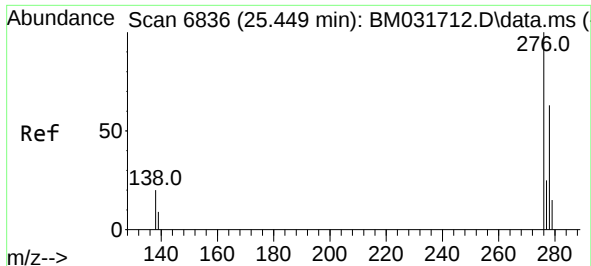
mohammad
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#26
Benzo(a)pyrene
Concen: 0.210 ng/ul
RT: 23.208 min Scan# 5911
Delta R.T. -0.019 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

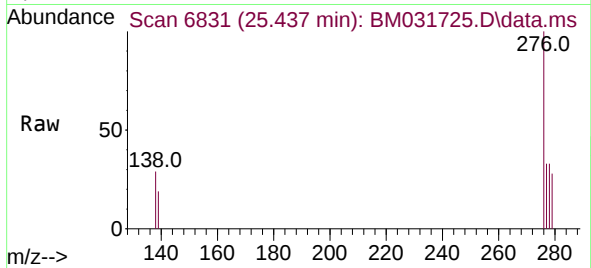
Tgt Ion	Ratio	Lower	Upper
252	100		
253	41.0	22.4	33.6#
125	41.6	13.0	19.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.132 ng/ul
RT: 25.437 min Scan# 6831
Delta R.T. -0.024 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29

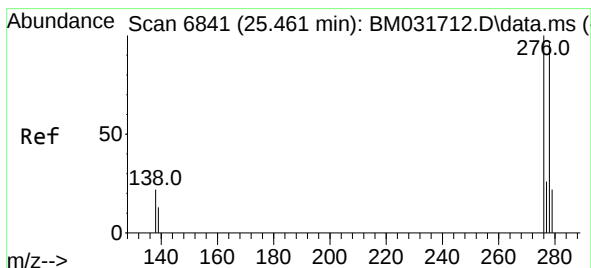
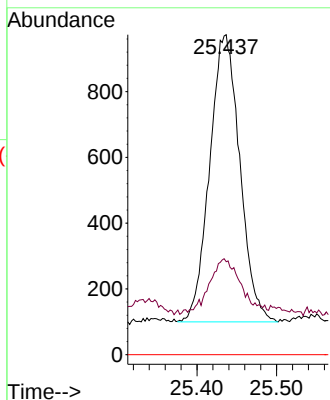
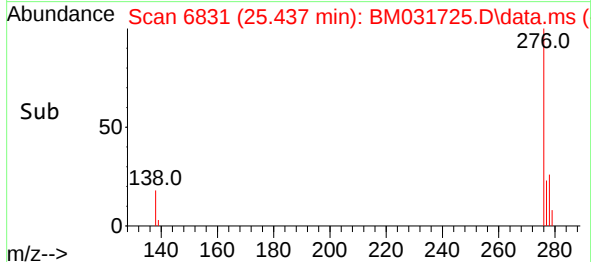
Instrument :
BNA_M
ClientSampled :
C00F1



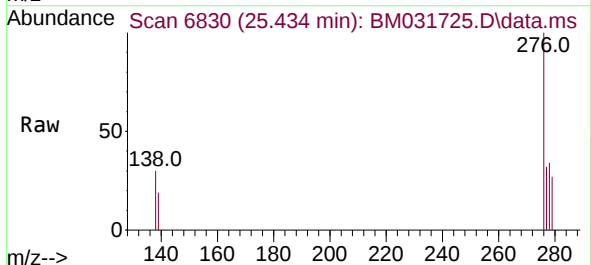
Tgt Ion:276 Resp: 2296
Ion Ratio Lower Upper
276 100
138 20.9 15.8 23.8
227 0.0 0.0 0.0

Manual Integrations
APPROVED

mohammad
8/16/2021 8:40:36 AM



#28
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.434 min Scan# 6830
Delta R.T. -0.038 min
Lab File: BM031725.D
Acq: 13 Aug 2021 21:29



Tgt Ion:278 Resp: 767
Ion Ratio Lower Upper
278 100
139 54.4 13.3 19.9#
279 77.5 22.8 34.2#

