

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030939.D
 Acq On : 13 Jul 2021 20:17
 Operator : CG/JU
 Sample : M2878-07DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDZ8DL

Manual Integrations
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mohammad
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Quant Time: Jul 14 04:09:33 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 14 04:01:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	959	0.400	ng/ul	0.00
4) Naphthalene-d8	10.436	136	3328	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.295	164	2123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	4571	0.400	ng/ul	0.00
17) Chrysene-d12	21.232	240	4059	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	4107	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	495	0.502	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.028	152	222	0.038	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	602	0.044	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.485	128	455	0.046	ng/ul#	71
10) Acenaphthylene	14.015	152	313	0.030	ng/ul#	66
11) Acenaphthene	14.360	153	358	0.048	ng/ul	91
12) Fluorene	15.349	166	278	0.031	ng/ul#	93
15) Phenanthrene	17.085	178	4080	0.284	ng/ul	96
16) Anthracene	17.176	178	1917	0.139	ng/ul	94
19) Fluoranthene	19.103	202	15755	0.881	ng/ul	98
20) Pyrene	19.466	202	10680	0.591	ng/ul	99
21) Benzo(a)anthracene	21.218	228	9386	0.535	ng/ul	95
22) Chrysene	21.269	228	7868	0.434	ng/ul	98
24) Benzo(b)fluoranthene	22.775	252	9351m	0.471	ng/ul	
25) Benzo(k)fluoranthene	22.814	252	4608m	0.231	ng/ul	
26) Benzo(a)pyrene	23.330	252	4324	0.251	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.605	276	3381	0.144	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.617	278	1283	0.068	ng/ul#	37

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

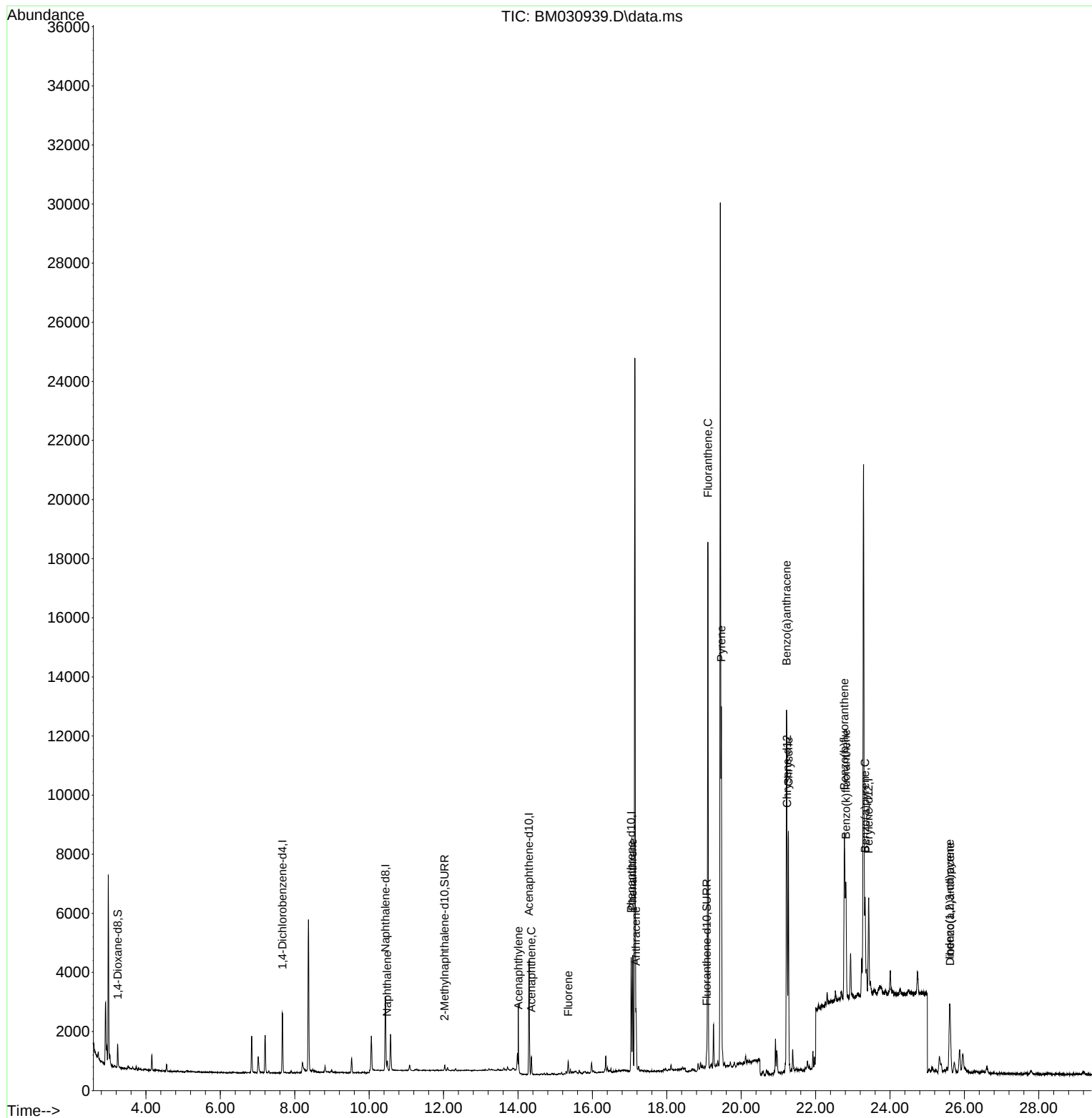
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030939.D
Acq On : 13 Jul 2021 20:17
Operator : CG/JU
Sample : M2878-07DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

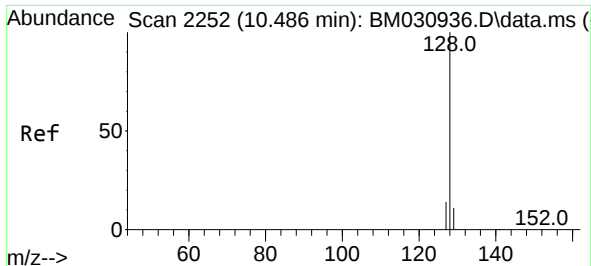
Instrument :
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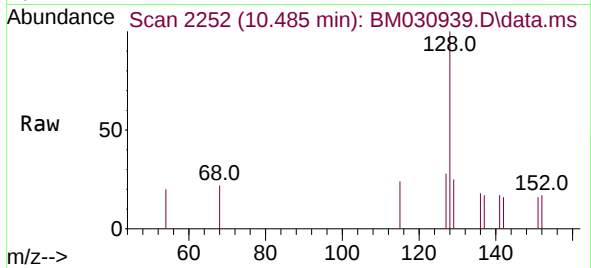
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Quant Time: Jul 14 04:09:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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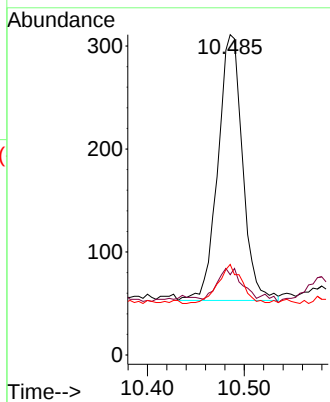
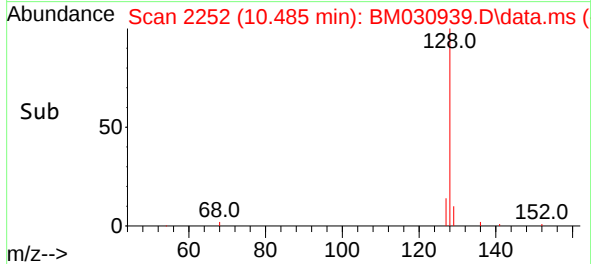




#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.485 min Scan# 2252
Delta R.T. -0.005 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17



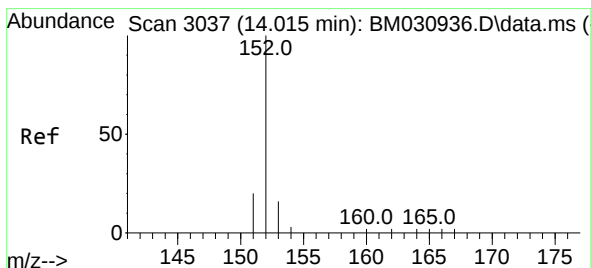
Tgt Ion:128 Resp: 455
Ion Ratio Lower Upper
128 100
129 25.1 10.7 16.1#
127 28.3 12.7 19.1#



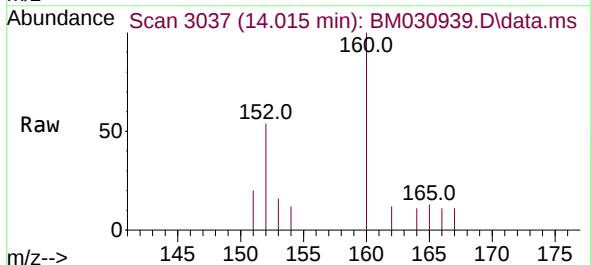
Instrument :
BNA_M
ClientSampleId :
BGDZ8DL

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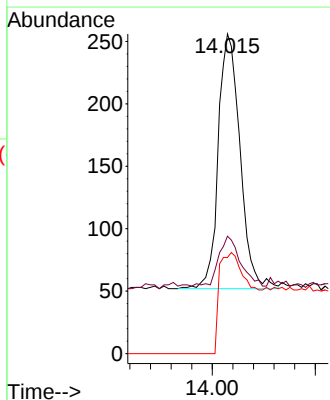
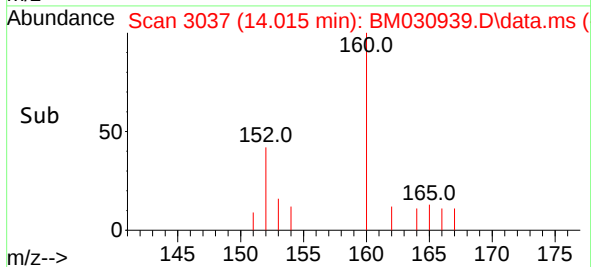
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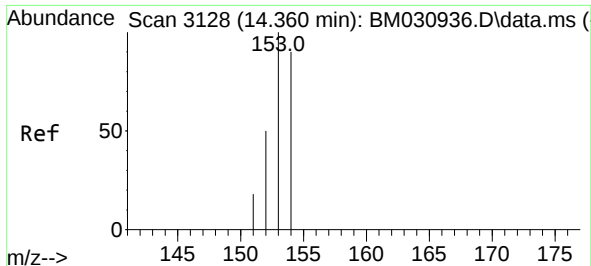


#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.015 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17



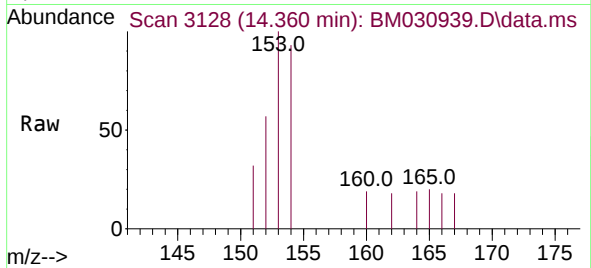
Tgt Ion:152 Resp: 313
Ion Ratio Lower Upper
152 100
151 36.7 17.2 25.8#
153 30.1 12.0 18.0#



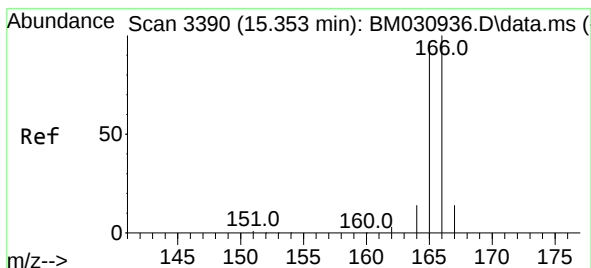
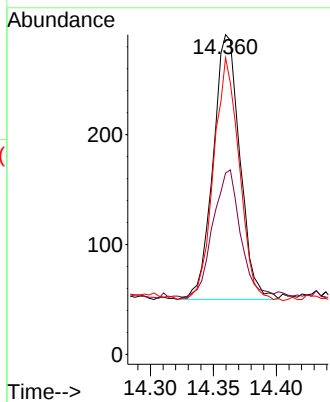
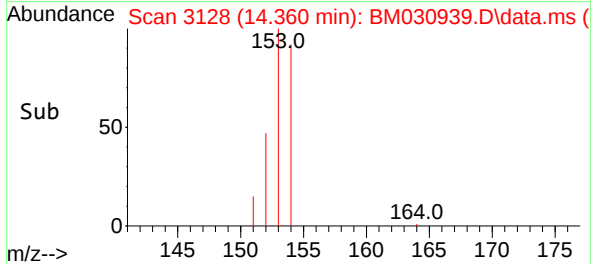


#11
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

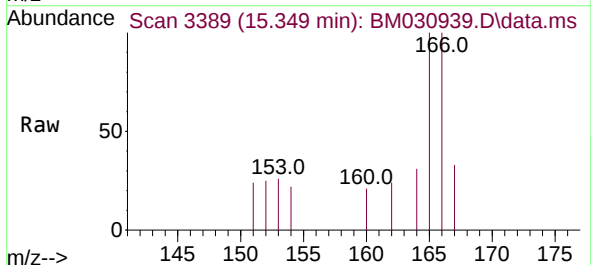
Instrument :
BNA_M
ClientSampled :
BGDZ8DL



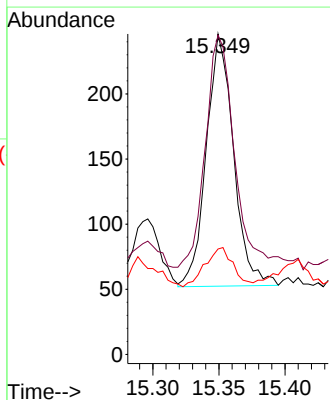
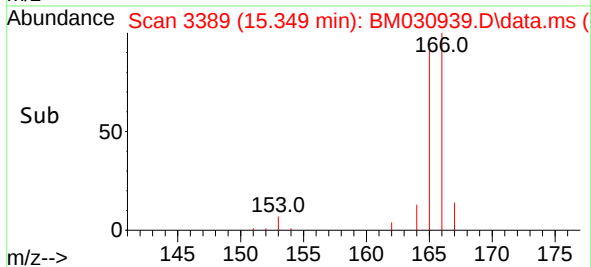
Tgt Ion:153 Resp: 358
Ion Ratio Lower Upper
153 100
152 56.7 39.3 58.9
154 92.8 68.5 102.7

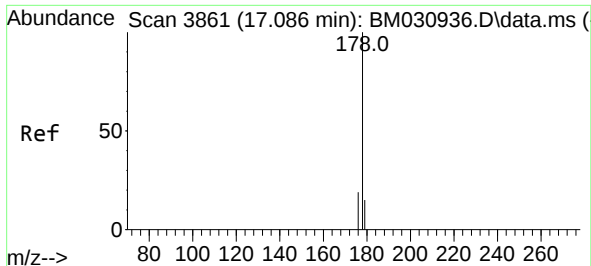


#12
Fluorene
Concen: 0.031 ng/ul
RT: 15.349 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17



Tgt Ion:166 Resp: 278
Ion Ratio Lower Upper
166 100
165 99.6 78.7 118.1
167 32.9 12.5 18.7#





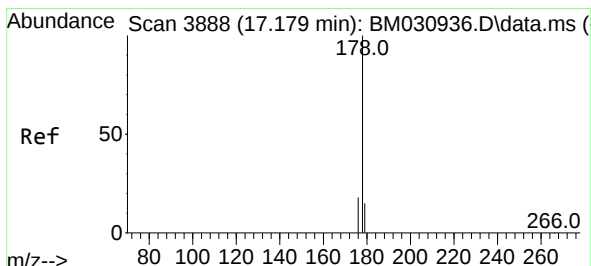
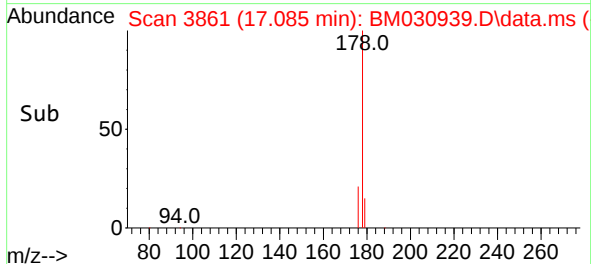
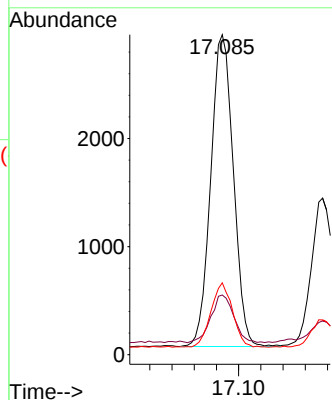
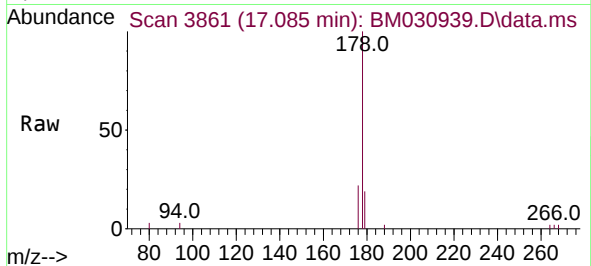
#15
Phenanthrene
Concen: 0.284 ng/ul
RT: 17.085 min Scan# 3861
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	178	Resp:	4080
Ion Ratio	Lower	Upper	
178	100		
179	18.6	13.8	20.6
176	22.5	16.4	24.6

Instrument :
BNA_M
ClientSampled :
BGDZ8DL

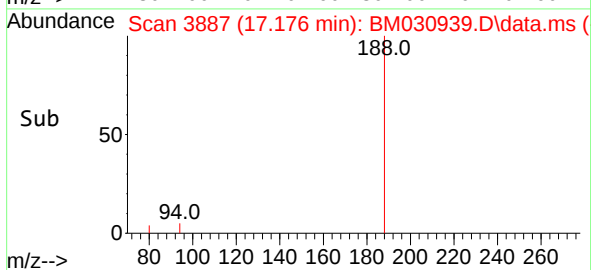
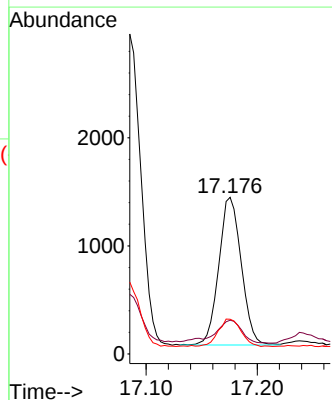
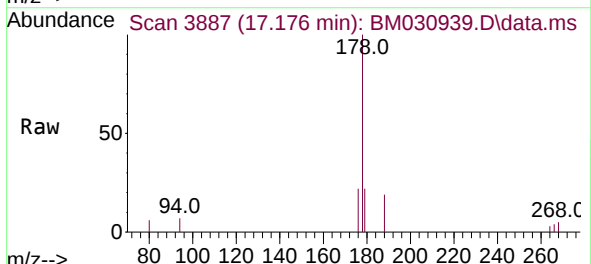
Manual Integrations
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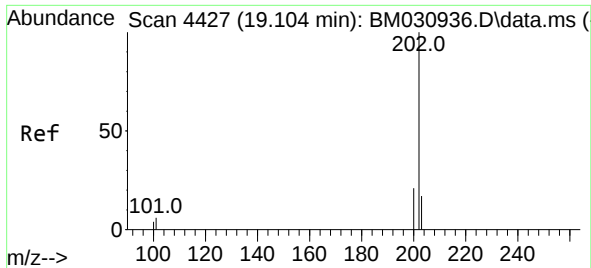
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#16
Anthracene
Concen: 0.139 ng/ul
RT: 17.176 min Scan# 3887
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	178	Resp:	1917
Ion Ratio	Lower	Upper	
178	100		
179	21.5	14.5	21.7
176	22.2	16.1	24.1





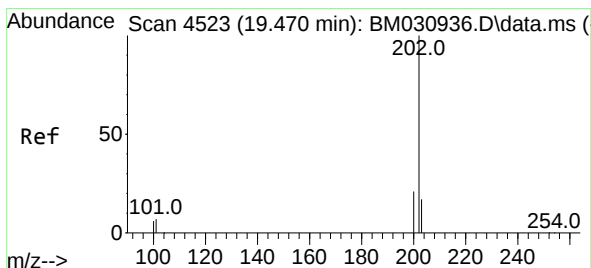
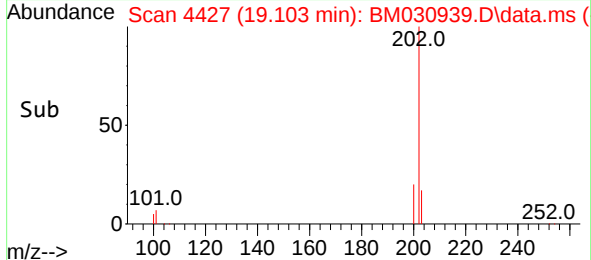
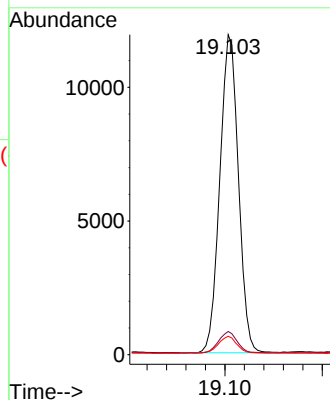
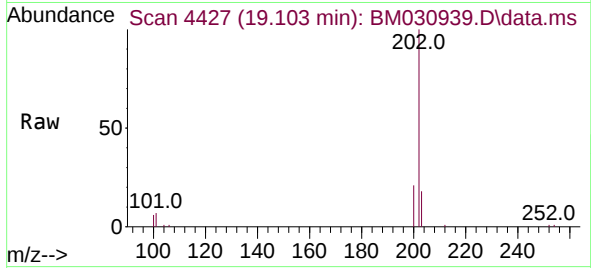
#19
Fluoranthene
Concen: 0.881 ng/ul
RT: 19.103 min Scan# 4427
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	202	Resp:	15755
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.3	9.5
100	5.8	5.0	7.6

Instrument :
BNA_M
ClientSampleId :
BGDZ8DL

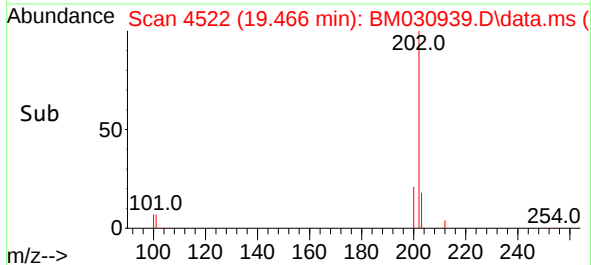
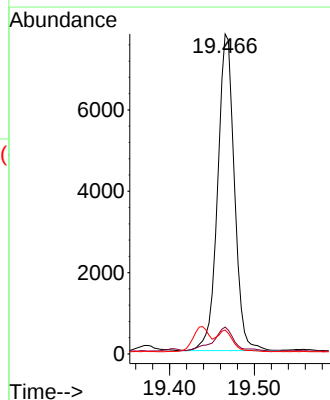
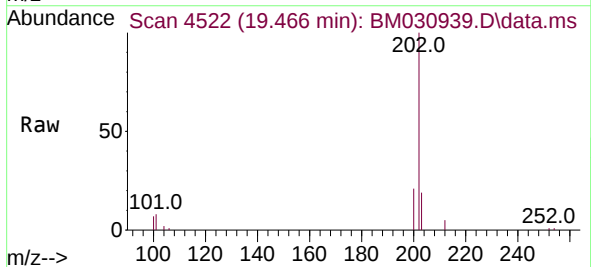
Manual Integrations
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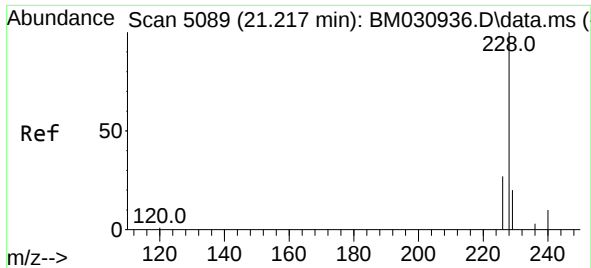
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#20
Pyrene
Concen: 0.591 ng/ul
RT: 19.466 min Scan# 4522
Delta R.T. -0.008 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:	202	Resp:	10680
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.6	10.0
100	7.5	5.6	8.4





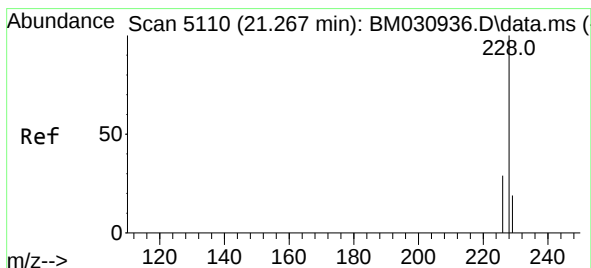
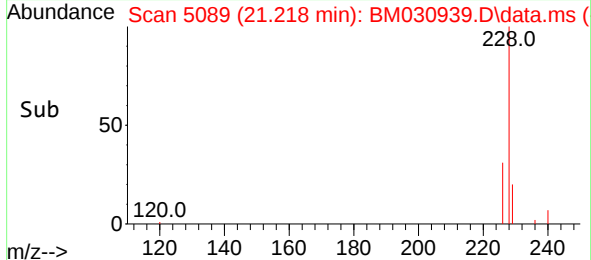
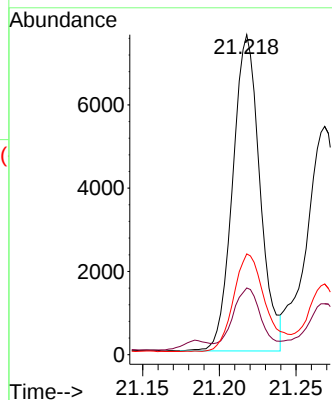
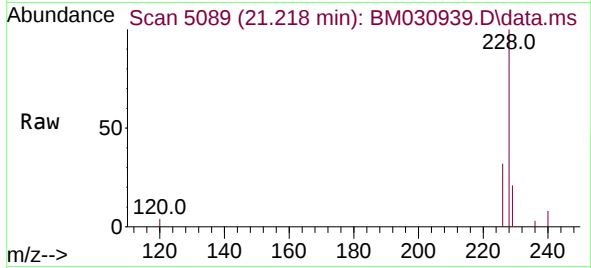
#21
Benzo(a)anthracene
Concen: 0.535 ng/ul
RT: 21.218 min Scan# 5089
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.1	24.1
226	31.5	21.8	32.8

Instrument :
BNA_M
ClientSampled :
BGDZ8DL

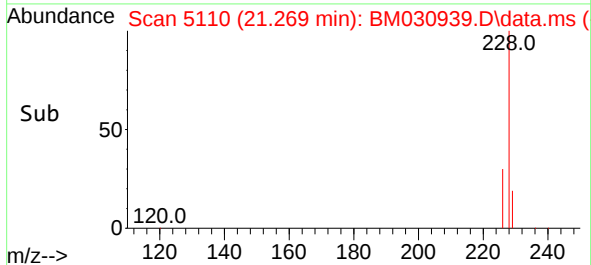
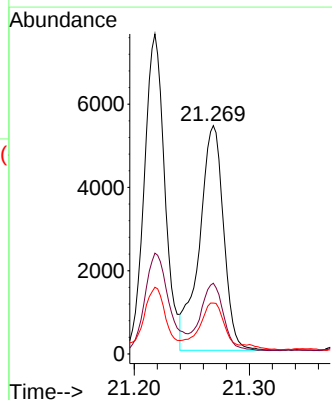
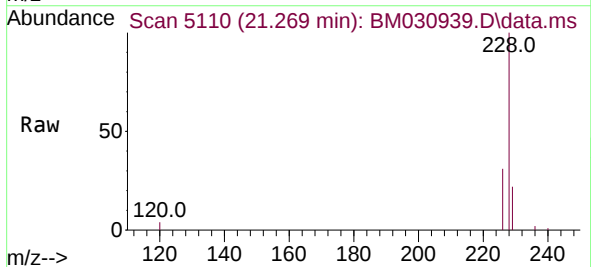
Manual Integrations
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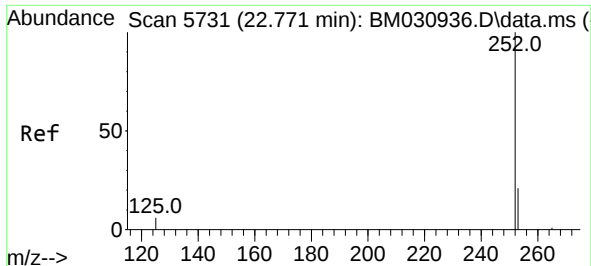
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#22
Chrysene
Concen: 0.434 ng/ul
RT: 21.269 min Scan# 5110
Delta R.T. -0.004 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	22.3	16.4	24.6





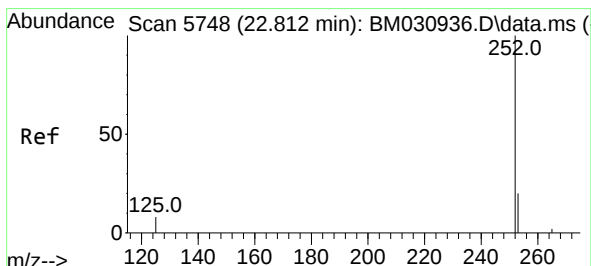
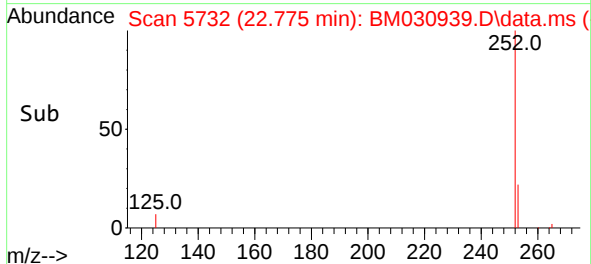
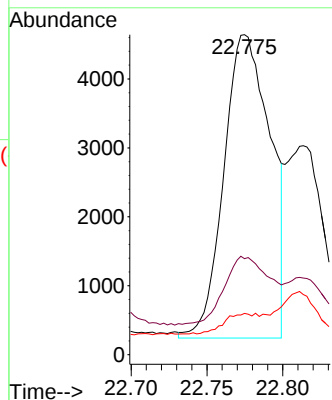
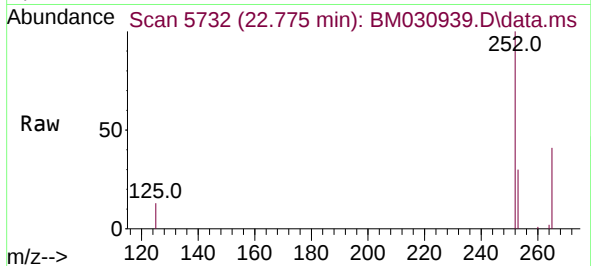
#24
Benzo(b)fluoranthene
Concen: 0.471 ng/ul m
RT: 22.775 min Scan# 5732
Delta R.T. -0.001 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:252 Resp: 9351
Ion Ratio Lower Upper
252 100
253 30.0 0.0 62.0
125 12.9 0.0 23.2

Instrument :
BNA_M
ClientSampleId :
BGDZ8DL

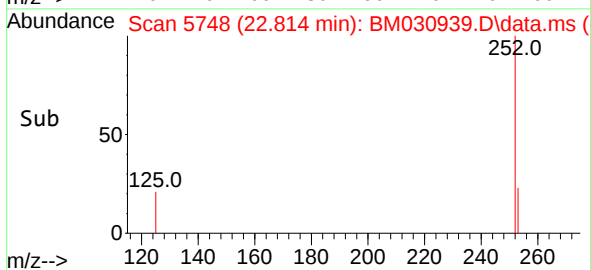
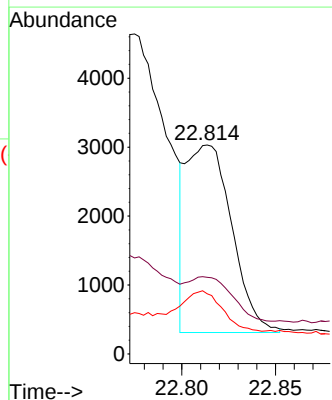
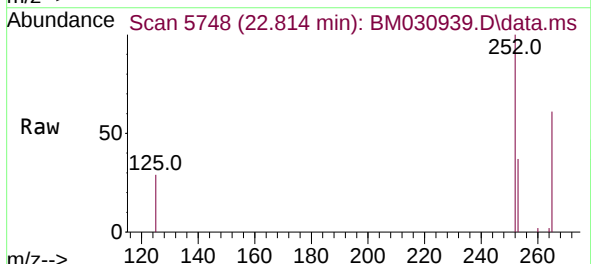
Manual Integrations
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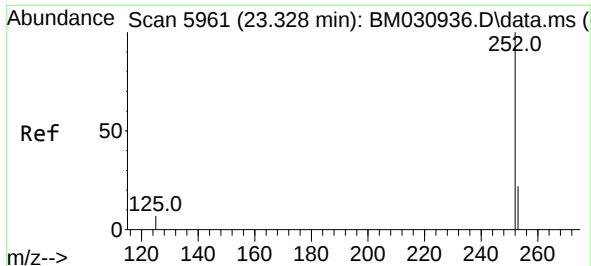
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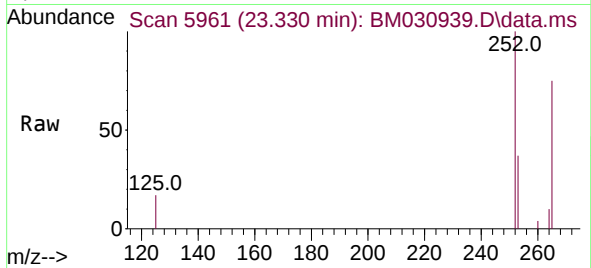
#25
Benzo(k)fluoranthene
Concen: 0.231 ng/ul m
RT: 22.814 min Scan# 5748
Delta R.T. -0.006 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17

Tgt Ion:252 Resp: 4608
Ion Ratio Lower Upper
252 100
253 36.7 24.3 36.5#
125 28.8 9.8 14.8#

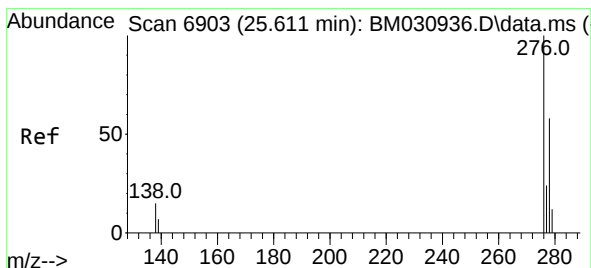
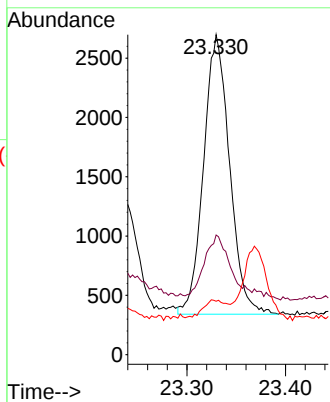
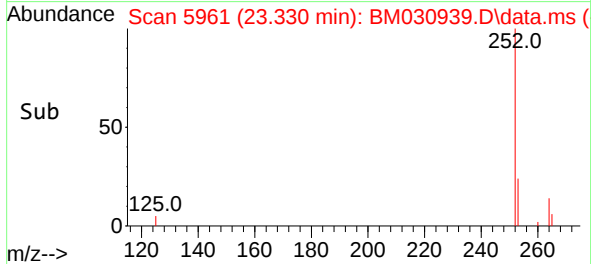




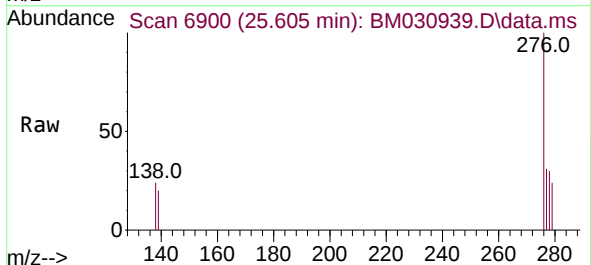
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Benzo(a)pyrene
Concen: 0.251 ng/ul
RT: 23.330 min Scan# 5961
Delta R.T. -0.006 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17



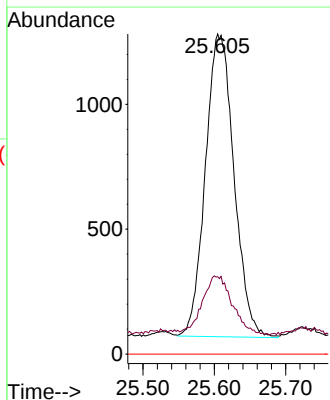
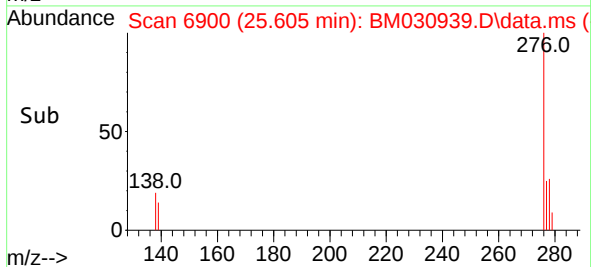
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Ion Ratio Lower Upper
252 100
253 37.4 26.5 39.7
125 16.7 11.0 16.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.605 min Scan# 6900
Delta R.T. -0.016 min
Lab File: BM030939.D
Acq: 13 Jul 2021 20:17



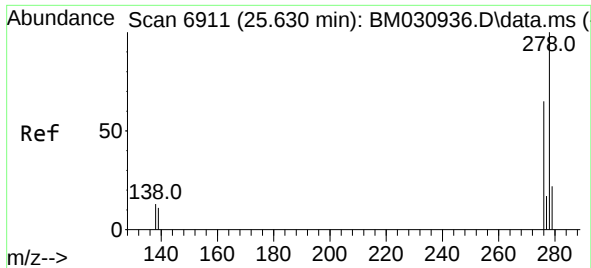
Tgt Ion:276 Resp: 3381
Ion Ratio Lower Upper
276 100
138 20.9 13.0 19.6#
227 0.0 0.0 0.0



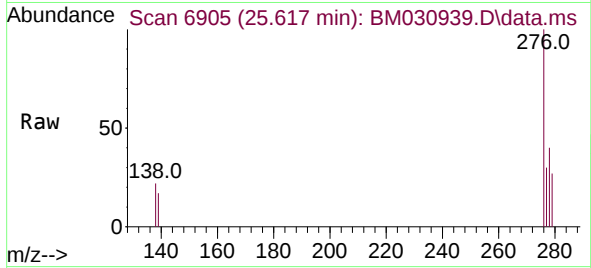
Instrument :
BNA_M
ClientSampleId :
BGDZ8DL

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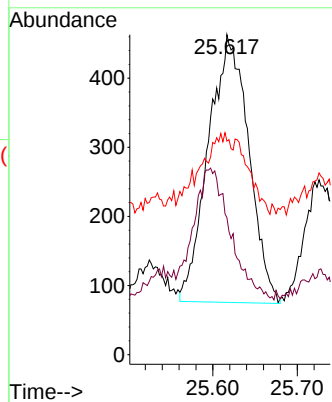
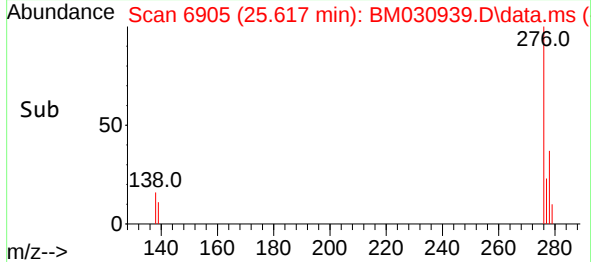
mohammad
7/14/2021 12:16:41 PM



#28
 Dibenzo(a,h)anthracene
 Concen: 0.068 ng/ul
 RT: 25.617 min Scan# 6905
 Delta R.T. -0.021 min
 Lab File: BM030939.D
 Acq: 13 Jul 2021 20:17



Tgt Ion: 278 Resp: 1283
 Ion Ratio Lower Upper
 278 100
 139 42.8 11.4 17.0#
 279 66.7 26.2 39.2#



Instrument :
 BNA_M
 ClientSampleId :
 BGDZ8DL

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mohammad
 7/14/2021 12:16:41 PM