

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030940.D
 Acq On : 13 Jul 2021 20:53
 Operator : CG/JU
 Sample : M2878-12DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE03DL

Manual Integrations
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Quant Time: Jul 14 04:11:38 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	1191	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	4125	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.296	164	2675	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.044	188	5618	0.400	ng/ul	0.00
17) Chrysene-d12	21.231	240	5081	0.400	ng/ul	0.00
23) Perylene-d12	23.426	264	5059	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.238	96	581	0.474	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.025	152	292	0.041	ng/ul	0.00
18) Fluoranthene-d10	19.073	212	685	0.040	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.487	128	1401	0.114	ng/ul	94
7) 2-Methylnaphthalene	12.106	142	223	0.026	ng/ul	99
10) Acenaphthylene	14.015	152	1983	0.151	ng/ul	97
11) Acenaphthene	14.360	153	1331	0.141	ng/ul	98
12) Fluorene	15.350	166	2138	0.190	ng/ul	96
15) Phenanthrene	17.086	178	45330	2.571	ng/ul	97
16) Anthracene	17.176	178	21169	1.252	ng/ul	96
19) Fluoranthene	19.104	202	130214	5.817	ng/ul	97
20) Pyrene	19.466	202	83104	3.671	ng/ul	99
21) Benzo(a)anthracene	21.217	228	69691	3.174	ng/ul	97
22) Chrysene	21.268	228	55806	2.461	ng/ul	98
24) Benzo(b)fluoranthene	22.774	252	64915m	2.653	ng/ul	
25) Benzo(k)fluoranthene	22.815	252	28972m	1.177	ng/ul	
26) Benzo(a)pyrene	23.329	252	30642	1.441	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	25.606	276	21998	0.763	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.621	278	8150	0.350	ng/ul	94
29) Benzo(g,h,i)perylene	26.275	276	1022	0.042	ng/ul#	56

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

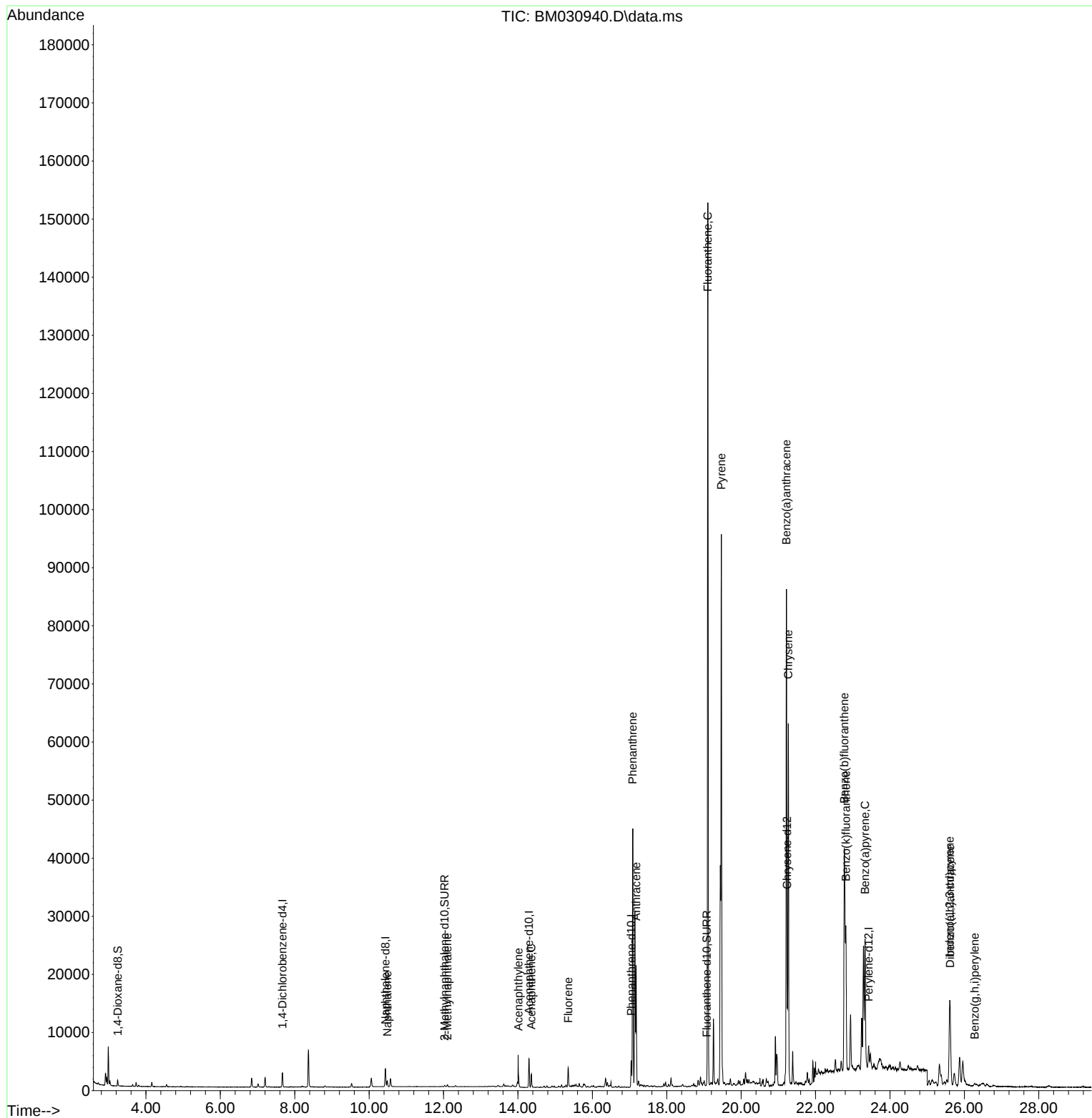
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030940.D
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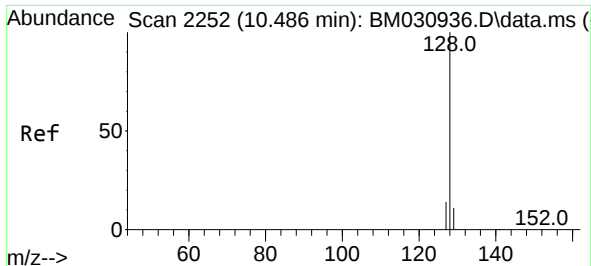
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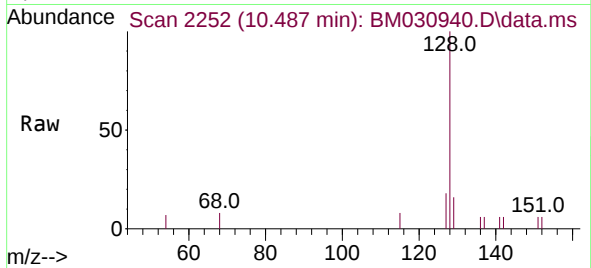
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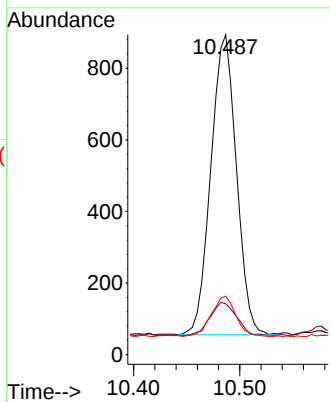
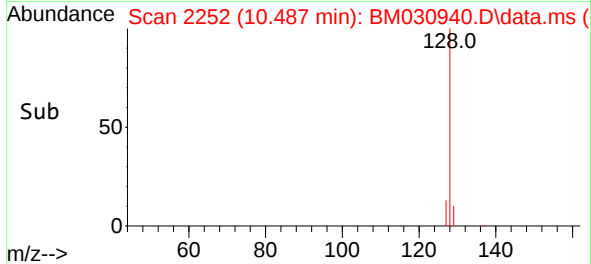




#5
Naphthalene
Concen: 0.114 ng/ul
RT: 10.487 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



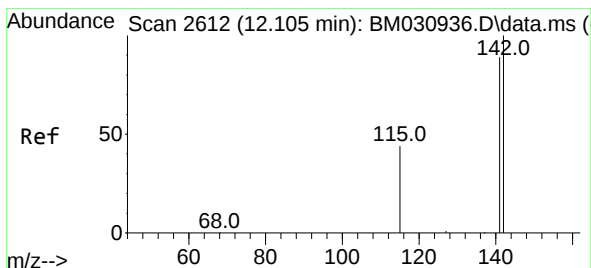
Tgt Ion:128 Resp: 1401
Ion Ratio Lower Upper
128 100
129 15.9 10.7 16.1
127 18.2 12.7 19.1



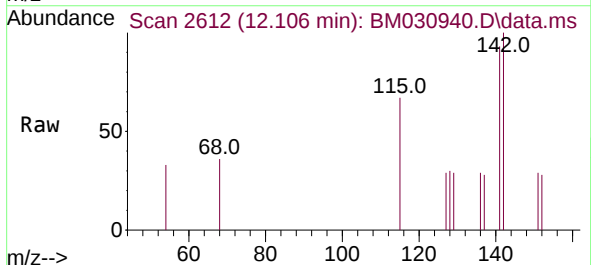
Instrument :
BNA_M
ClientSampleId :
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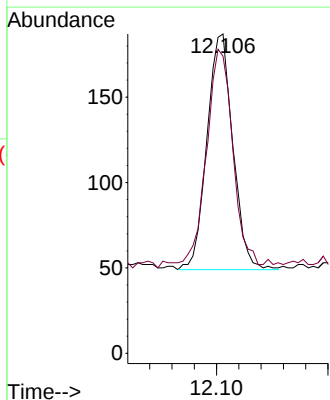
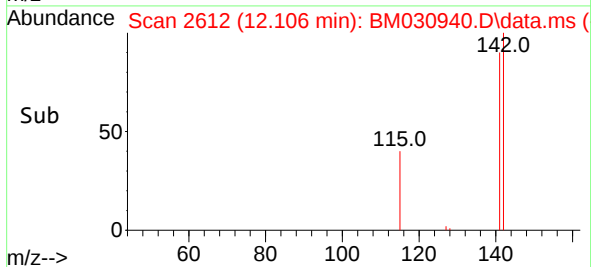
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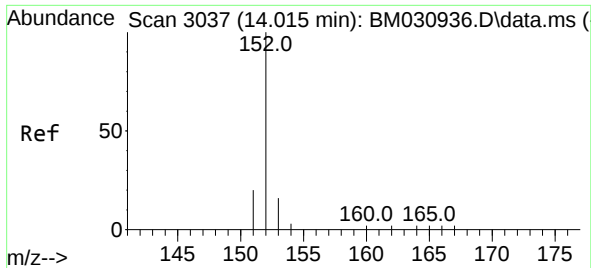


#7
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.004 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



Tgt Ion:142 Resp: 223
Ion Ratio Lower Upper
142 100
141 91.0 71.8 107.8





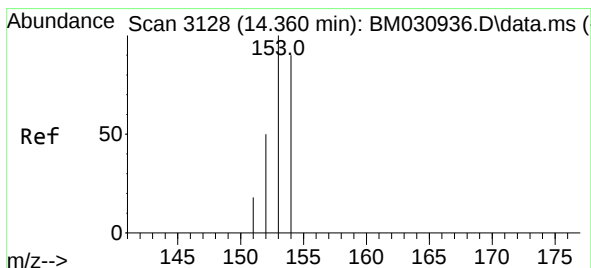
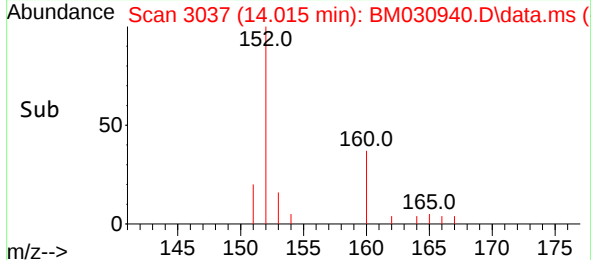
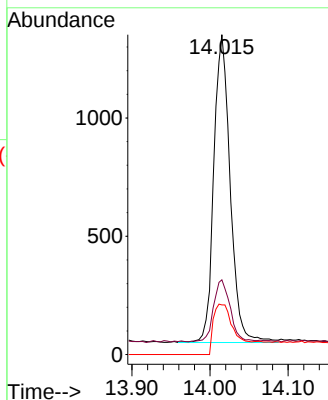
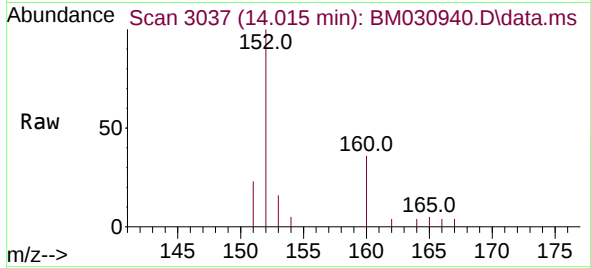
#10
Acenaphthylene
Concen: 0.151 ng/ul
RT: 14.015 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

Tgt Ion:	152	Resp:	1983
Ion Ratio	Lower	Upper	
152	100		
151	23.4	17.2	25.8
153	15.5	12.0	18.0

Instrument :
BNA_M
ClientSampled :
BGE03DL

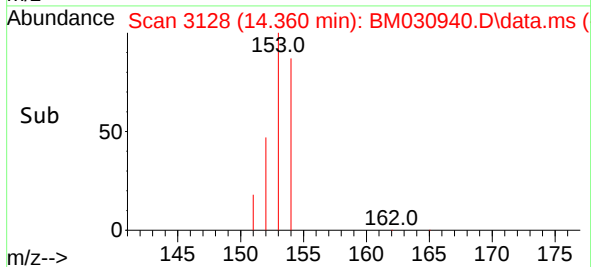
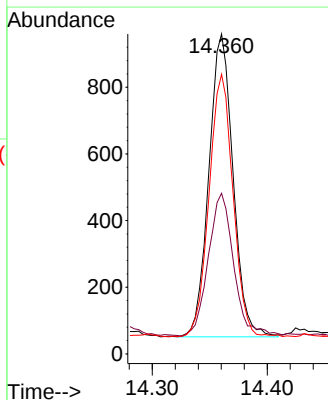
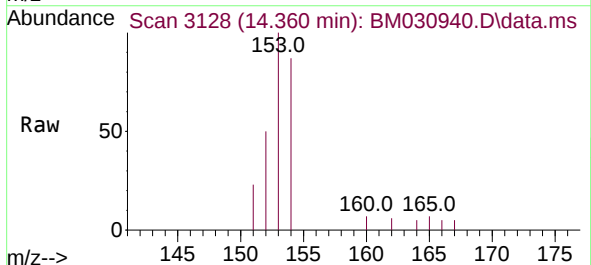
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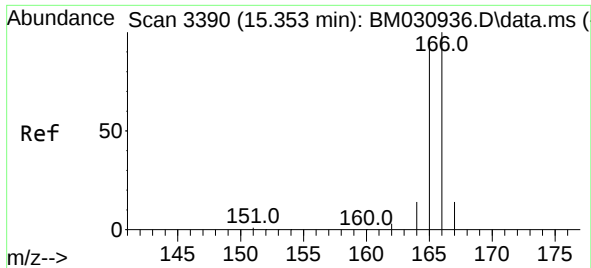
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#11
Acenaphthene
Concen: 0.141 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

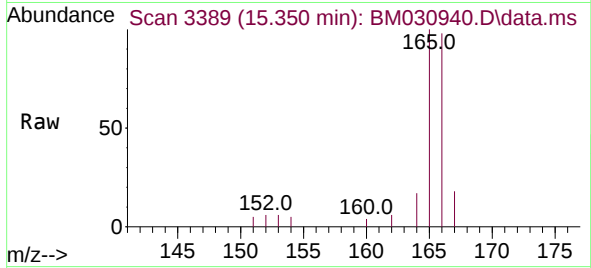
Tgt Ion:	153	Resp:	1331
Ion Ratio	Lower	Upper	
153	100		
152	50.2	39.3	58.9
154	87.4	68.5	102.7





#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.350 min Scan# 3389
Delta R.T. -0.004 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

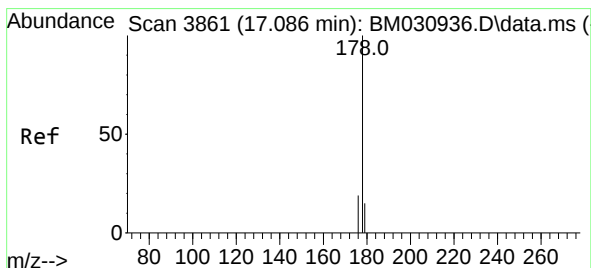
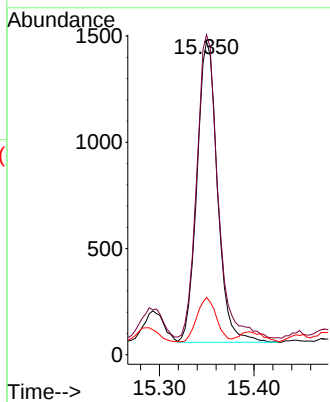
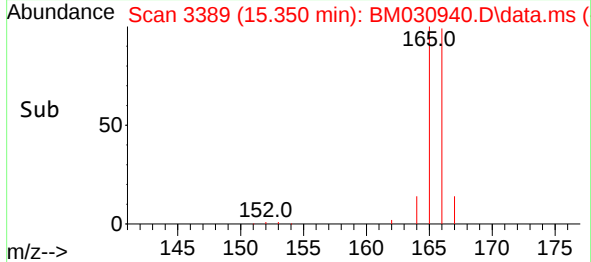
Instrument :
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ClientSampleId :
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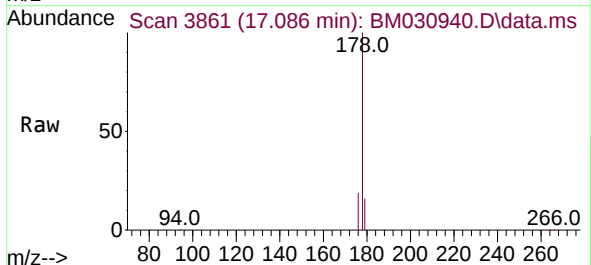
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.2	78.7	118.1
167	18.3	12.5	18.7

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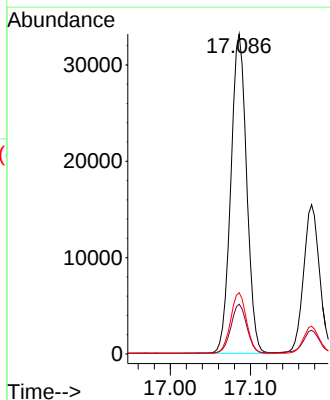
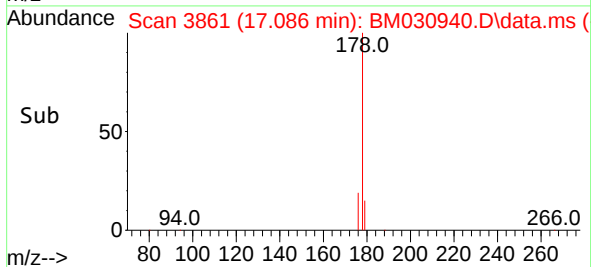
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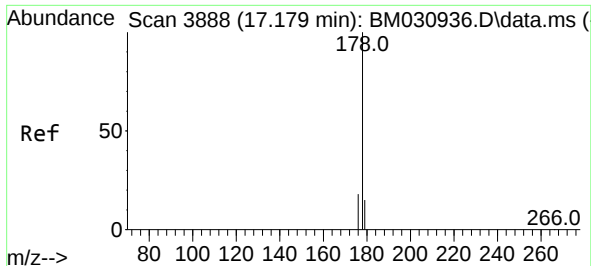


#15
Phenanthrene
Concen: 2.571 ng/ul
RT: 17.086 min Scan# 3861
Delta R.T. -0.003 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



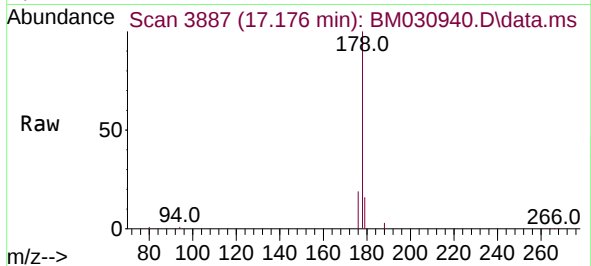
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.8	20.6
176	19.1	16.4	24.6





#16
 Anthracene
 Concen: 1.252 ng/ul
 RT: 17.176 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: BM030940.D
 Acq: 13 Jul 2021 20:53

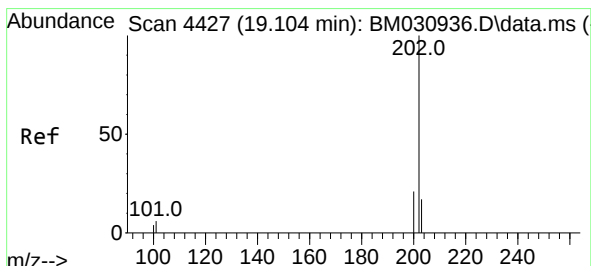
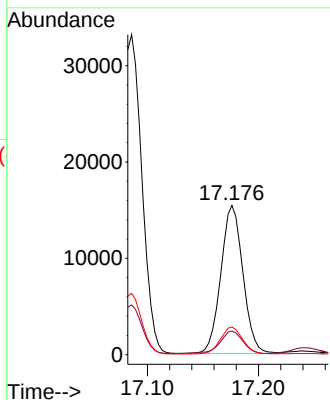
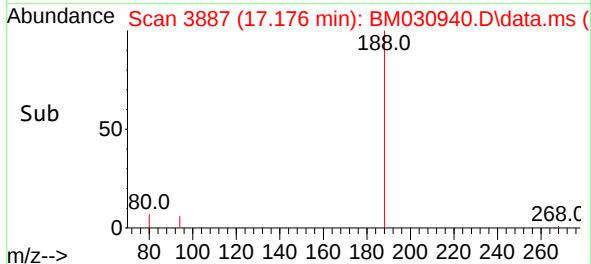
Instrument :
 BNA_M
 ClientSampled :
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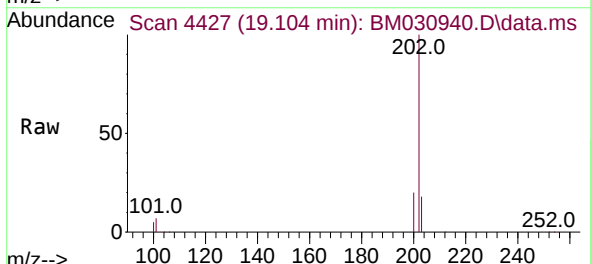
Tgt Ion:178 Resp: 21169
 Ion Ratio Lower Upper
 178 100
 179 15.8 14.5 21.7
 176 18.5 16.1 24.1

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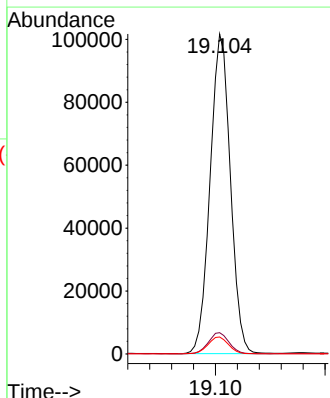
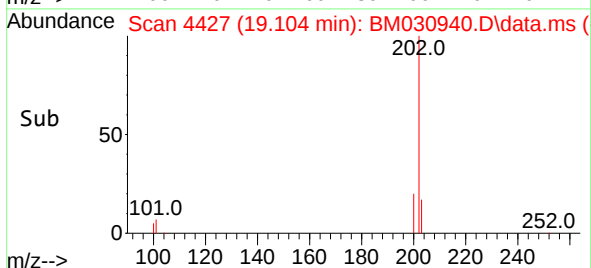
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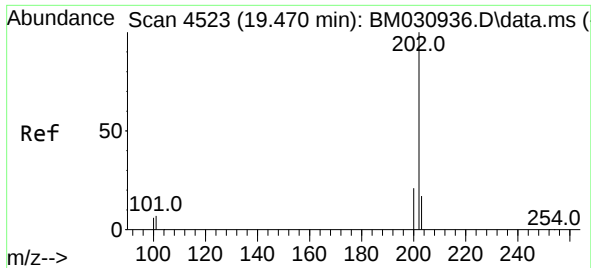


#19
 Fluoranthene
 Concen: 5.817 ng/ul
 RT: 19.104 min Scan# 4427
 Delta R.T. -0.004 min
 Lab File: BM030940.D
 Acq: 13 Jul 2021 20:53



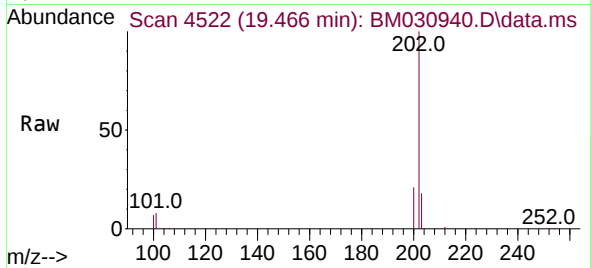
Tgt Ion:202 Resp: 130214
 Ion Ratio Lower Upper
 202 100
 101 6.7 6.3 9.5
 100 5.3 5.0 7.6





#20
Pyrene
Concen: 3.671 ng/ul
RT: 19.466 min Scan# 4522
Delta R.T. -0.007 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

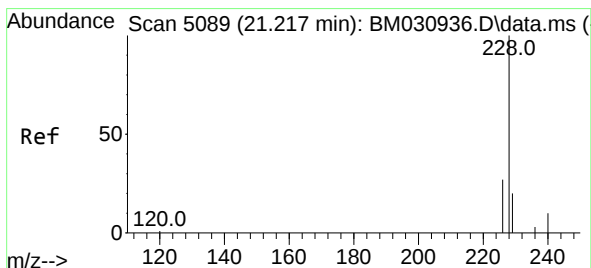
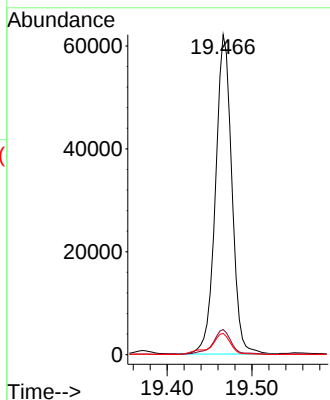
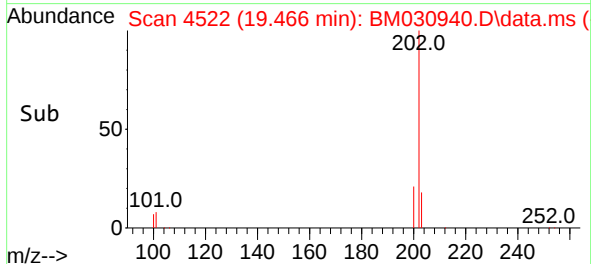
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BNA_M
ClientSampled :
BGE03DL



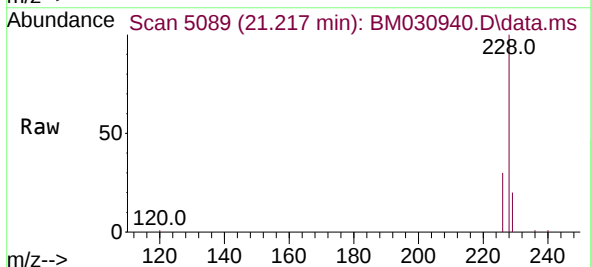
Tgt Ion:202 Resp: 83104
Ion Ratio Lower Upper
202 100
101 7.9 6.6 10.0
100 6.7 5.6 8.4

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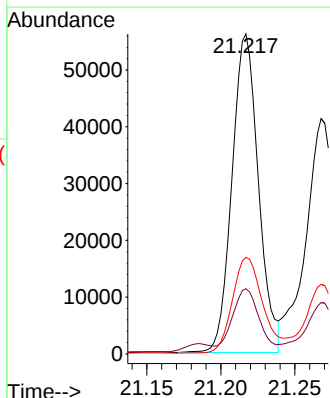
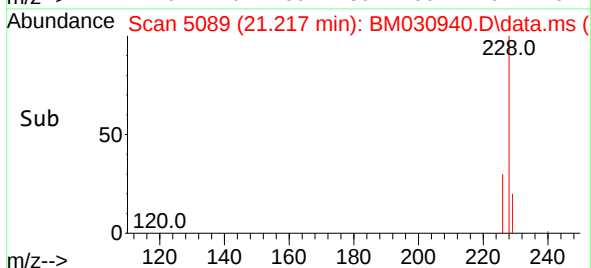
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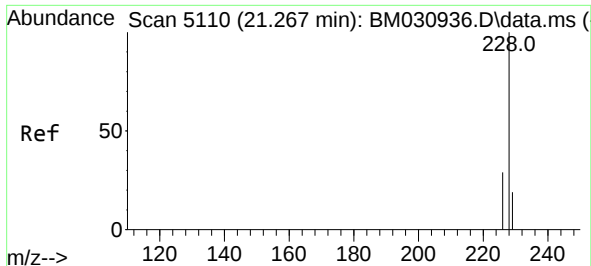


#21
Benzo(a)anthracene
Concen: 3.174 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.005 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

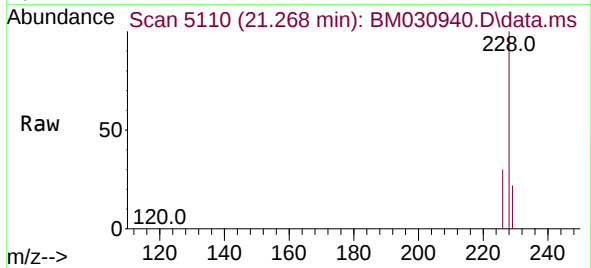


Tgt Ion:228 Resp: 69691
Ion Ratio Lower Upper
228 100
229 20.4 16.1 24.1
226 30.2 21.8 32.8

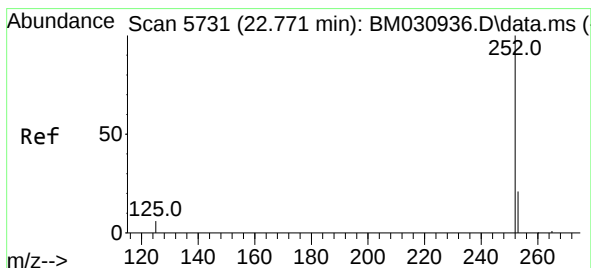
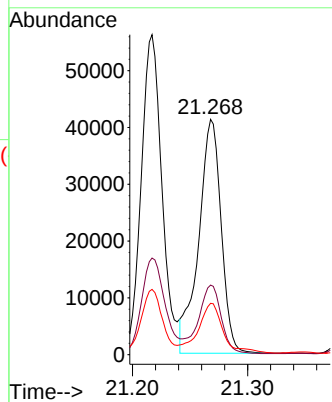
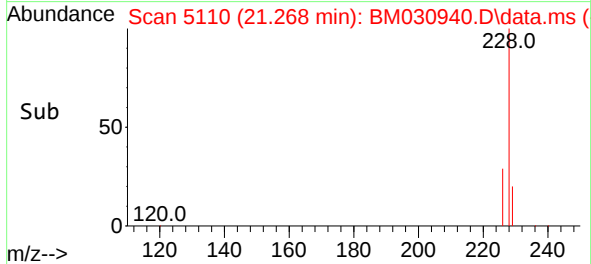




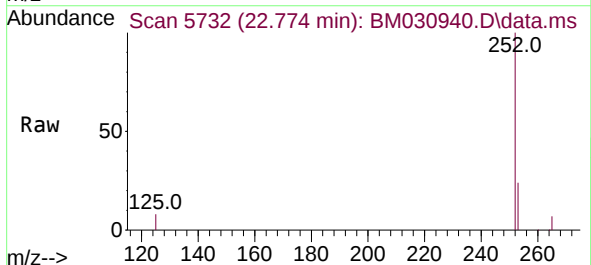
#22
Chrysene
Concen: 2.461 ng/ul
RT: 21.268 min Scan# 5110
Delta R.T. -0.005 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



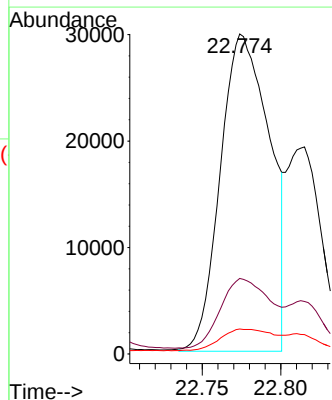
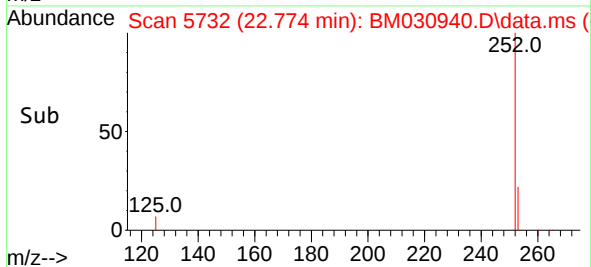
Tgt Ion:228 Resp: 55806
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 21.8 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 2.653 ng/ul m
RT: 22.774 min Scan# 5732
Delta R.T. -0.002 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



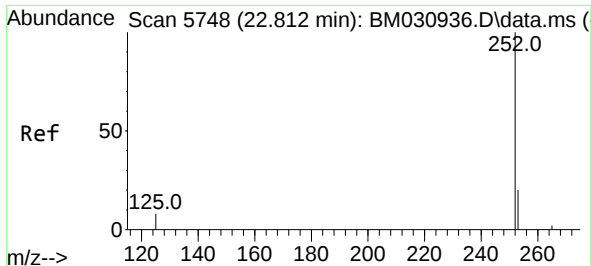
Tgt Ion:252 Resp: 64915
Ion Ratio Lower Upper
252 100
253 23.6 0.0 62.0
125 7.8 0.0 23.2



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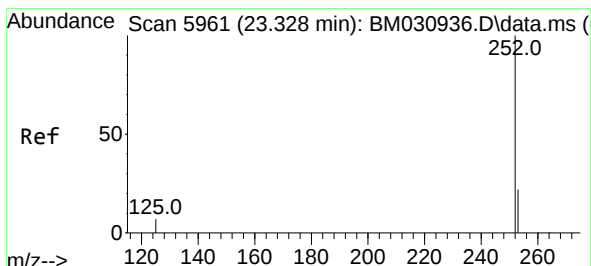
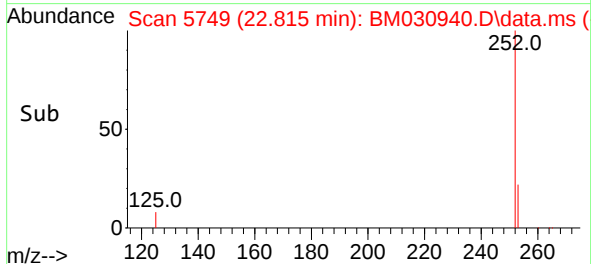
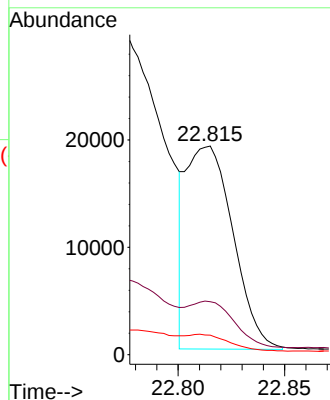
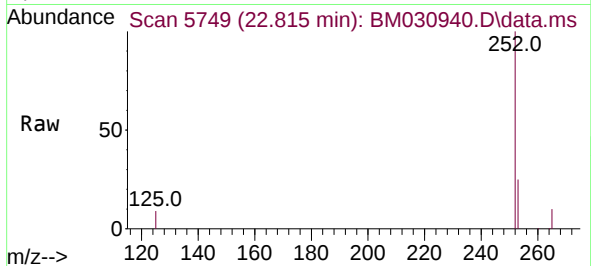
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Benzo(k)fluoranthene
Concen: 1.177 ng/ul m
RT: 22.815 min Scan# 5749
Delta R.T. -0.005 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

Tgt Ion:252 Resp: 28972
Ion Ratio Lower Upper
252 100
253 25.4 24.3 36.5
125 9.4 9.8 14.8#

Instrument :
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ClientSampleId :
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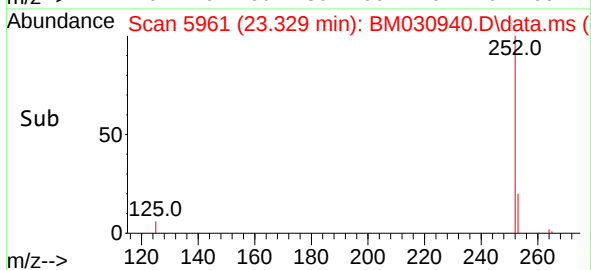
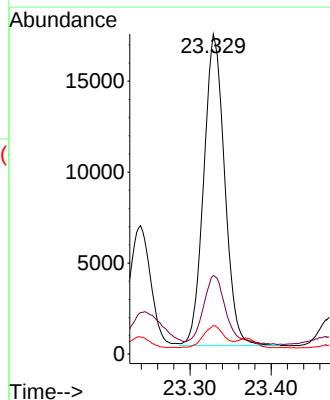
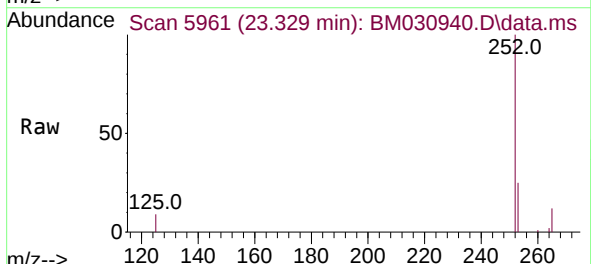
Manual Integrations
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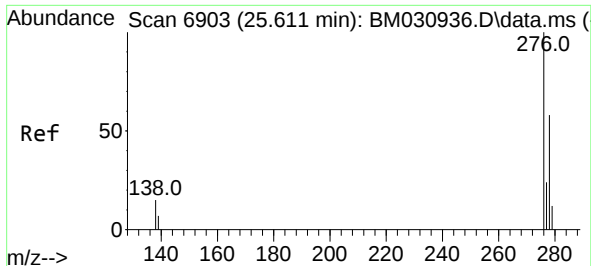
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#26
Benzo(a)pyrene
Concen: 1.441 ng/ul
RT: 23.329 min Scan# 5961
Delta R.T. -0.007 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

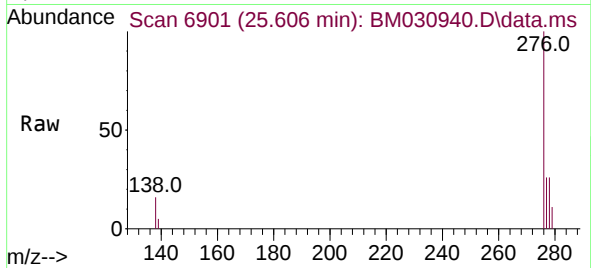
Tgt Ion:252 Resp: 30642
Ion Ratio Lower Upper
252 100
253 24.5 26.5 39.7#
125 8.9 11.0 16.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.763 ng/ul
RT: 25.606 min Scan# 6901
Delta R.T. -0.014 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

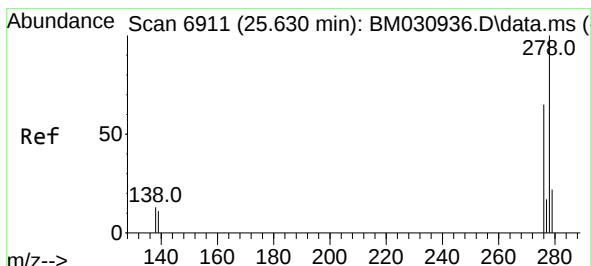
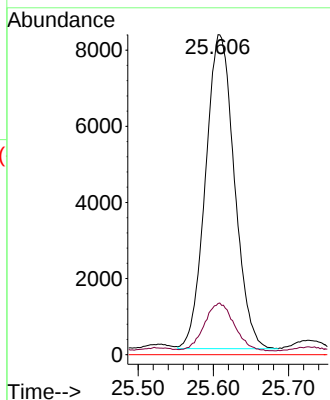
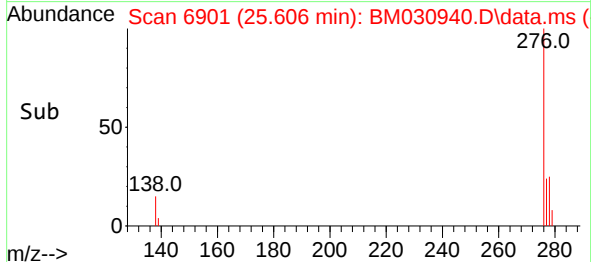
Instrument :
BNA_M
ClientSampleId :
BGE03DL



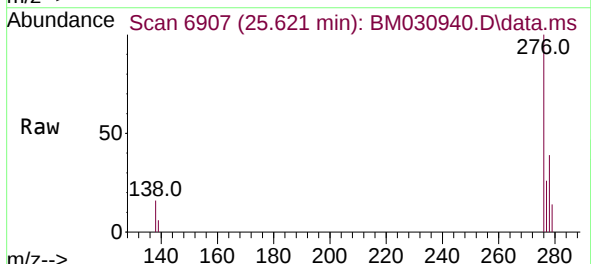
Tgt Ion: 276 Resp: 21998
Ion Ratio Lower Upper
276 100
138 15.8 13.0 19.6
227 0.0 0.0 0.0

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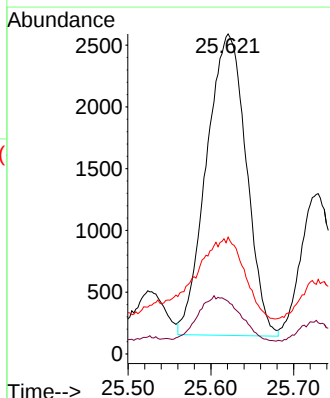
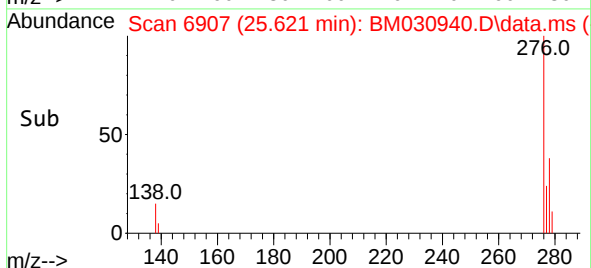
mohammad
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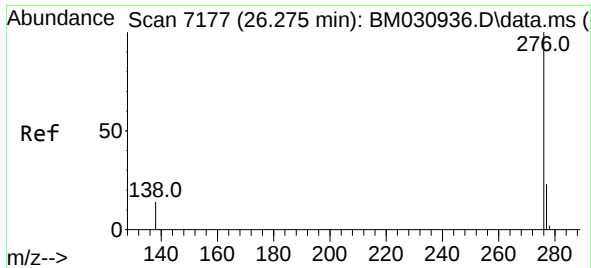


#28
Dibenzo(a,h)anthracene
Concen: 0.350 ng/ul
RT: 25.621 min Scan# 6907
Delta R.T. -0.017 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53

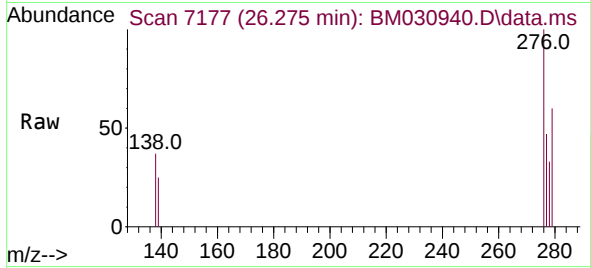


Tgt Ion: 278 Resp: 8150
Ion Ratio Lower Upper
278 100
139 16.4 11.4 17.0
279 36.5 26.2 39.2

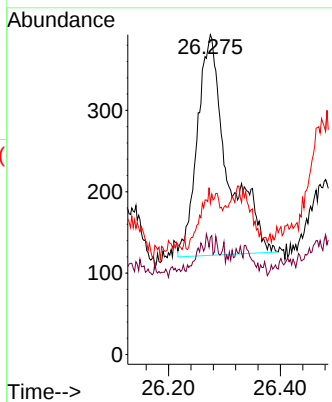
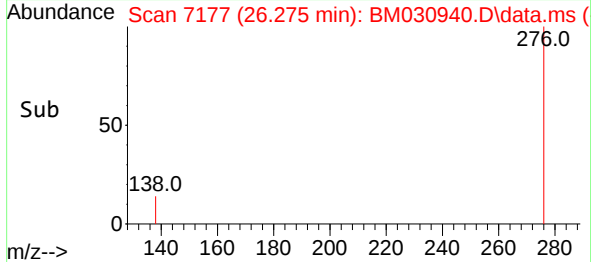




#29
Benzo(g,h,i)perylene
Concen: 0.042 ng/ul
RT: 26.275 min Scan# 7177
Delta R.T. -0.007 min
Lab File: BM030940.D
Acq: 13 Jul 2021 20:53



Tgt Ion: 276 Resp: 1022
Ion Ratio Lower Upper
276 100
138 36.6 12.3 18.5#
277 47.3 21.3 31.9#



Instrument :
BNA_M
ClientSampleId :
BGE03DL

Manual Integrations
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mohammad
7/14/2021 12:16:44 PM