

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
 Data File : BM030933.D
 Acq On : 13 Jul 2021 16:36
 Operator : CG/JU
 Sample : M2878-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGE03

Manual Integrations
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Quant Time: Jul 13 17:06:22 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 : Tue Jul 13 14:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	930	0.400	ng/ul	0.00
4) Naphthalene-d8	10.437	136	3275	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.299	164	2340	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.047	188	5175	0.400	ng/ul	0.00
17) Chrysene-d12	21.234	240	5826	0.400	ng/ul	0.00
23) Perylene-d12	23.428	264	5551	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.237	96	2484	2.597	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.029	152	1217	0.214	ng/ul	0.00
18) Fluoranthene-d10	19.077	212	3798	0.194	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.486	128	6024	0.616	ng/ul	97
7) 2-Methylnaphthalene	12.106	142	928	0.134	ng/ul	98
8) 1-Methylnaphthalene	12.326	142	546	0.081	ng/ul	98
10) Acenaphthylene	14.019	152	10720	0.935	ng/ul	98
11) Acenaphthene	14.360	153	5926	0.716	ng/ul	98
12) Fluorene	15.353	166	10268	1.043	ng/ul	100
15) Phenanthrene	17.089	178	226761	13.963	ng/ul	96
16) Anthracene	17.179	178	110978	7.128	ng/ul	96
19) Fluoranthene	19.107	202	713172	27.787	ng/ul	98
20) Pyrene	19.470	202	458401	17.661	ng/ul	100
21) Benzo(a)anthracene	21.219	228	422604	16.788	ng/ul	95
22) Chrysene	21.270	228	323824	12.452	ng/ul	98
24) Benzo(b)fluoranthene	22.776	252	392087m	14.604	ng/ul	
25) Benzo(k)fluoranthene	22.817	252	159315m	5.901	ng/ul	
26) Benzo(a)pyrene	23.333	252	181317	7.773	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.613	276	121530	3.842	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.625	278	45223	1.768	ng/ul	95
29) Benzo(g,h,i)perylene	26.279	276	6342	0.236	ng/ul#	82

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

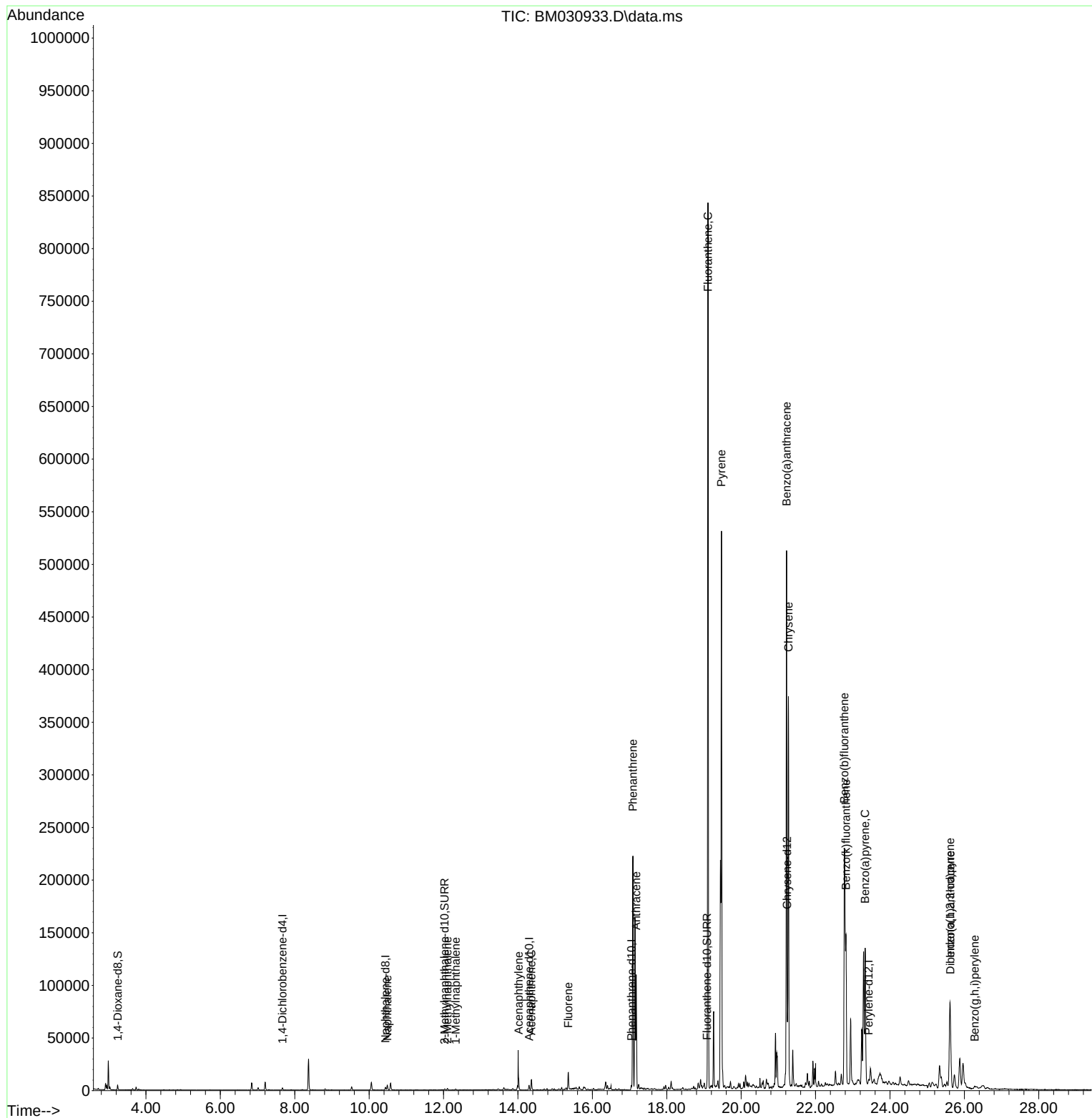
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071321\
Data File : BM030933.D
Acq On : 13 Jul 2021 16:36
Operator : CG/JU
Sample : M2878-12
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ALS Vial : 6 Sample Multiplier: 1

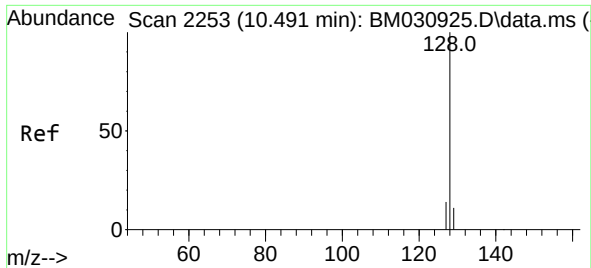
Instrument :
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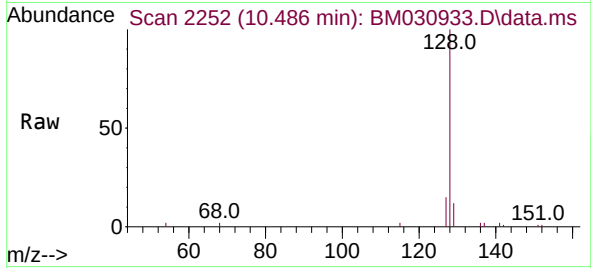
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Quant Time: Jul 13 17:06:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM071321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 13 14:01:01 2021
Response via : Initial Calibration

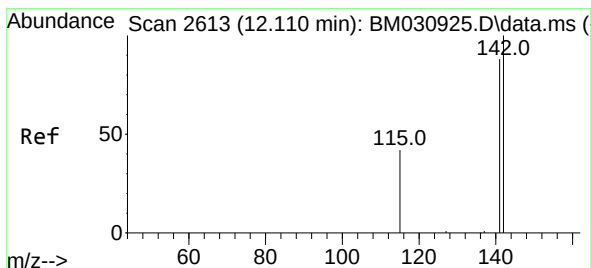
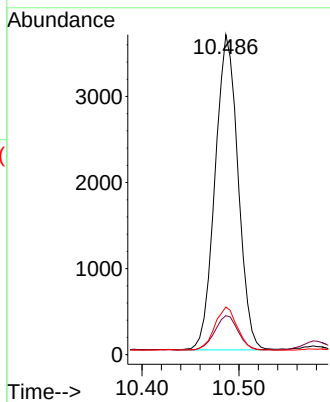
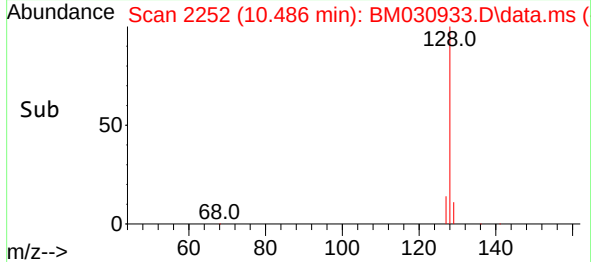




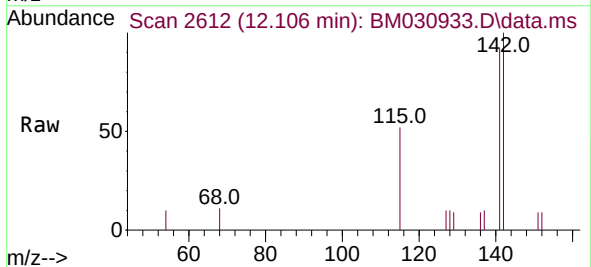
#5
Naphthalene
Concen: 0.616 ng/ul
RT: 10.486 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



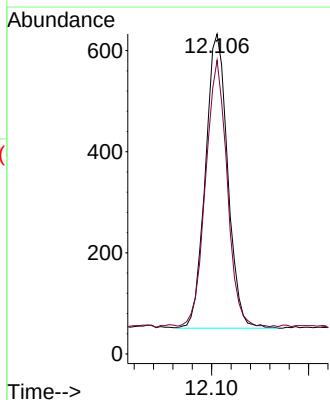
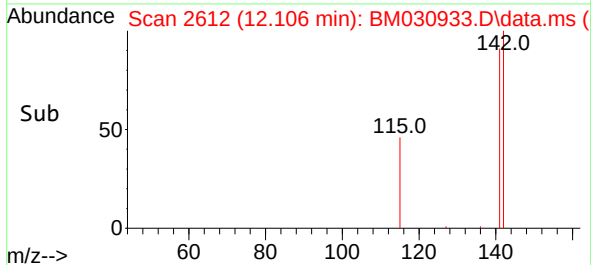
Tgt Ion:	128	Resp:	6024
Ion Ratio	Lower	Upper	
128	100		
129	12.2	10.7	16.1
127	14.9	12.7	19.1



#7
2-Methylnaphthalene
Concen: 0.134 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.004 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



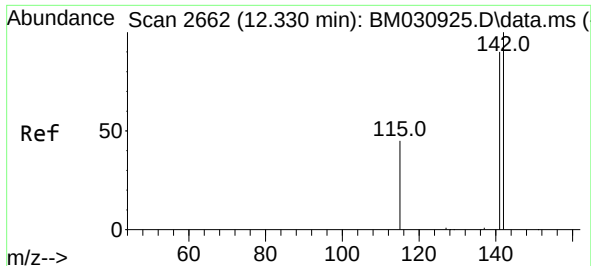
Tgt Ion:	142	Resp:	928
Ion Ratio	Lower	Upper	
142	100		
141	87.5	71.8	107.8



Instrument :
BNA_M
ClientSampleId :
BGE03

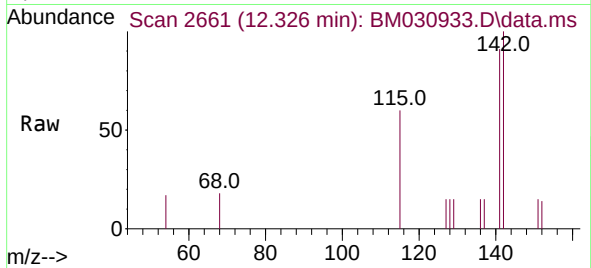
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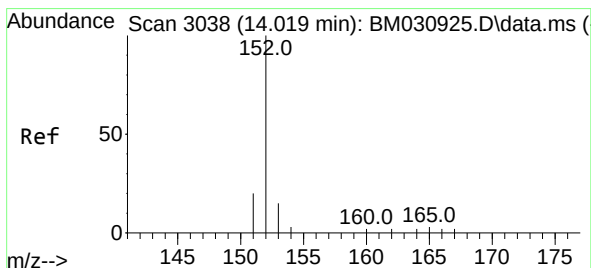
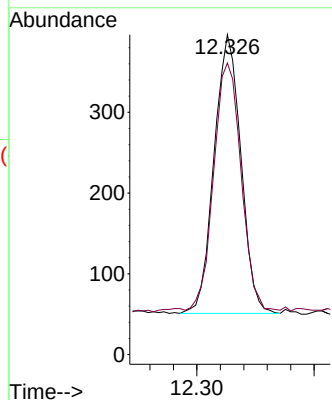
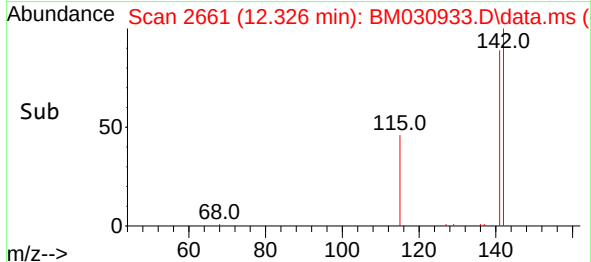


#8
1-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.326 min Scan# 2661
Delta R.T. -0.004 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

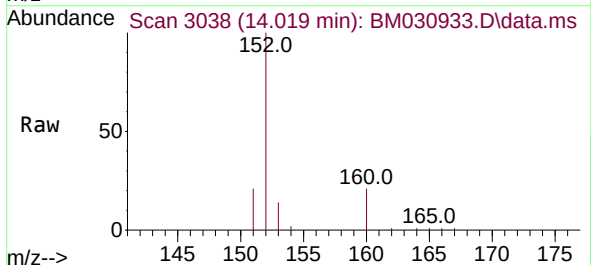
Instrument :
BNA_M
ClientSampled :
BGE03



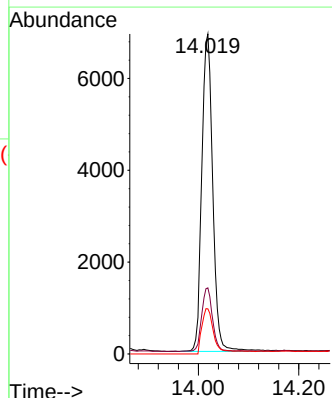
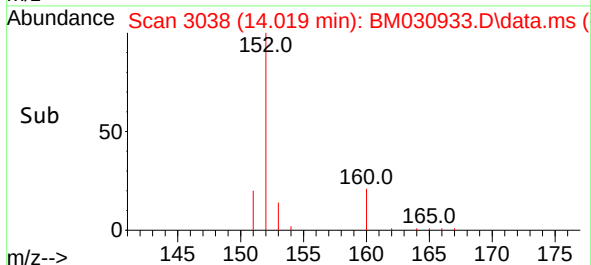
Tgt Ion:142 Resp: 546
Ion Ratio Lower Upper
142 100
141 90.3 73.8 110.8

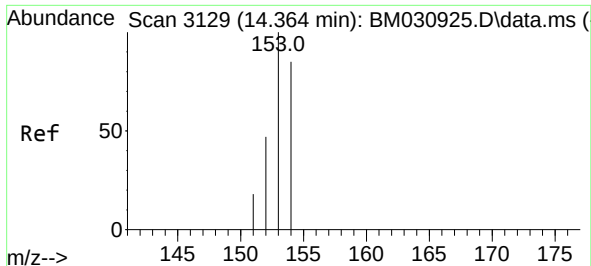


#10
Acenaphthylene
Concen: 0.935 ng/ul
RT: 14.019 min Scan# 3038
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



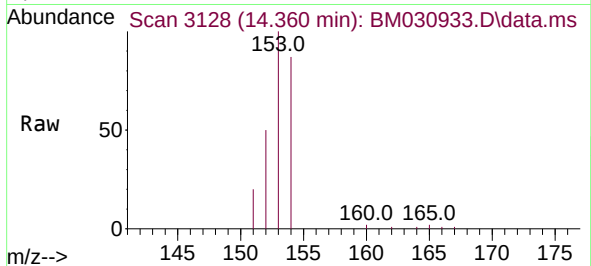
Tgt Ion:152 Resp: 10720
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 14.1 12.0 18.0



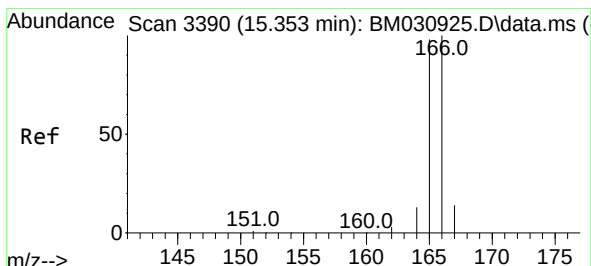
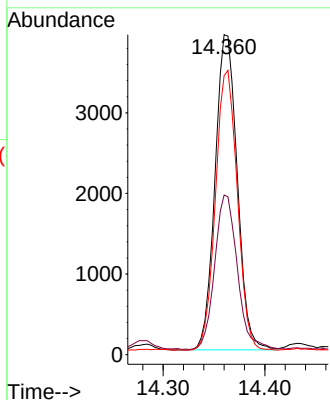
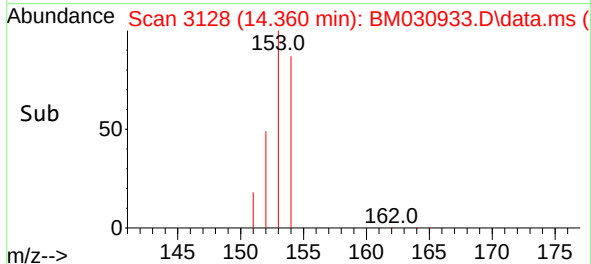


#11
Acenaphthene
Concen: 0.716 ng/ul
RT: 14.360 min Scan# 3128
Delta R.T. -0.004 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

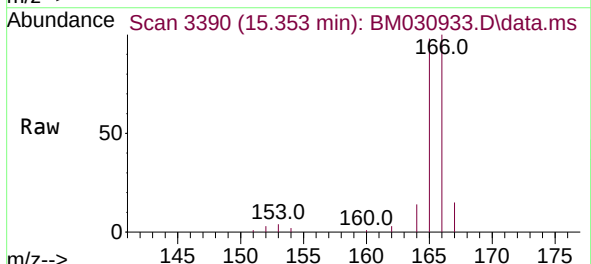
Instrument :
BNA_M
ClientSampled :
BGE03



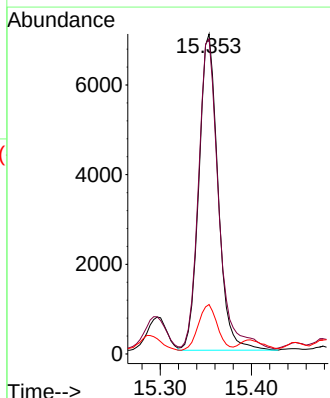
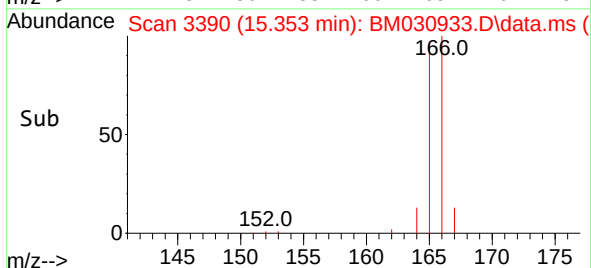
Tgt Ion:153 Resp: 5926
Ion Ratio Lower Upper
153 100
152 49.9 39.3 58.9
154 87.2 68.5 102.7

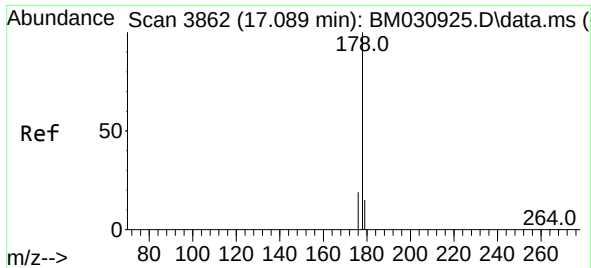


#12
Fluorene
Concen: 1.043 ng/ul
RT: 15.353 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



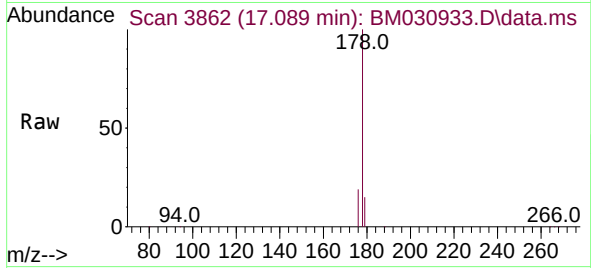
Tgt Ion:166 Resp: 10268
Ion Ratio Lower Upper
166 100
165 98.4 78.7 118.1
167 15.5 12.5 18.7





#15
Phenanthrene
Concen: 13.963 ng/u1
RT: 17.089 min Scan# 3862
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

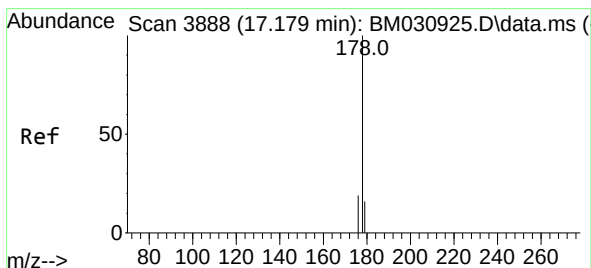
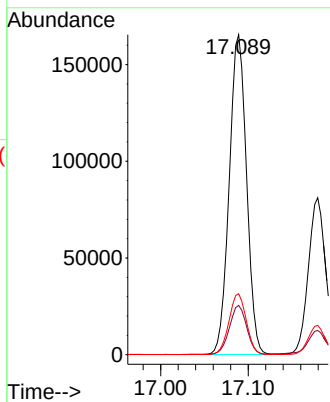
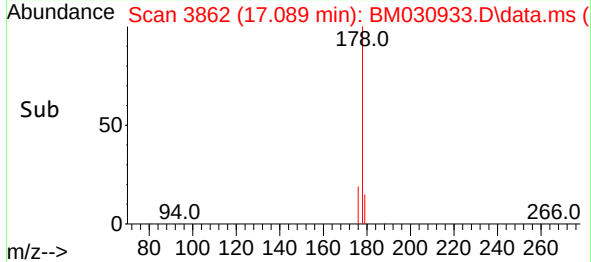
Instrument :
BNA_M
ClientSampled :
BGE03



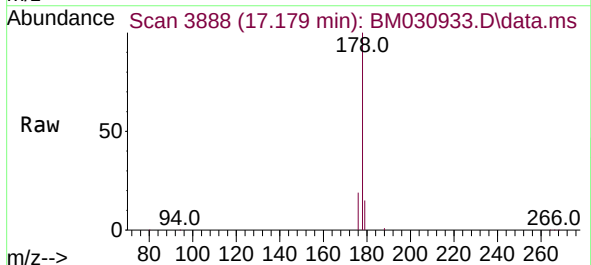
Tgt Ion:178 Resp: 226761
Ion Ratio Lower Upper
178 100
179 15.4 13.8 20.6
176 19.0 16.4 24.6

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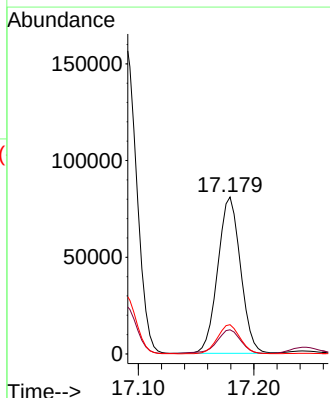
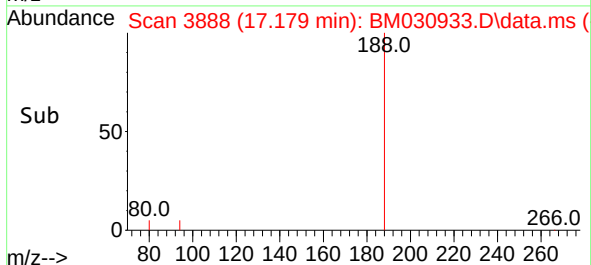
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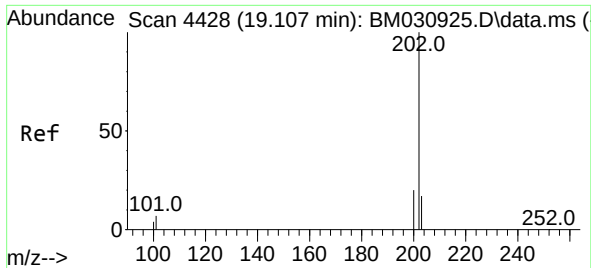


#16
Anthracene
Concen: 7.128 ng/u1
RT: 17.179 min Scan# 3888
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



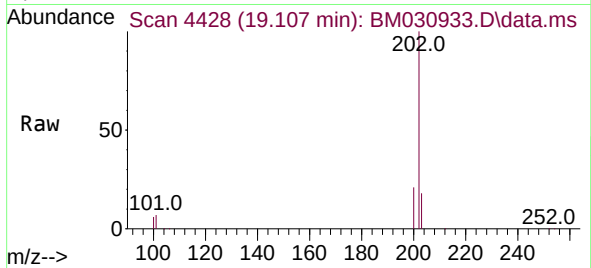
Tgt Ion:178 Resp: 110978
Ion Ratio Lower Upper
178 100
179 15.5 14.5 21.7
176 18.7 16.1 24.1





#19
Fluoranthene
Concen: 27.787 ng/ul
RT: 19.107 min Scan# 4428
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

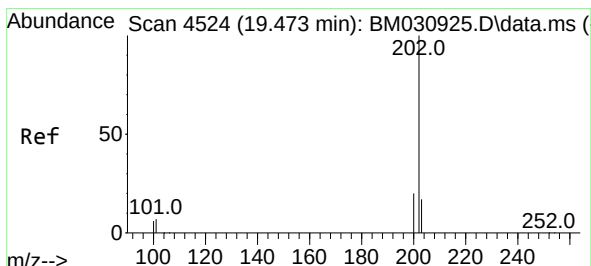
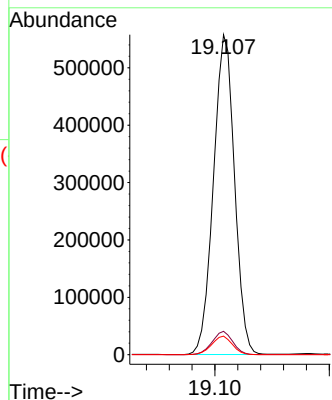
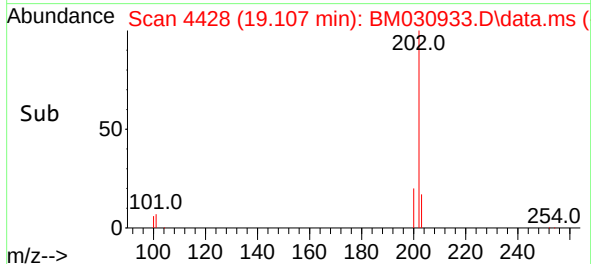
Instrument :
BNA_M
ClientSampled :
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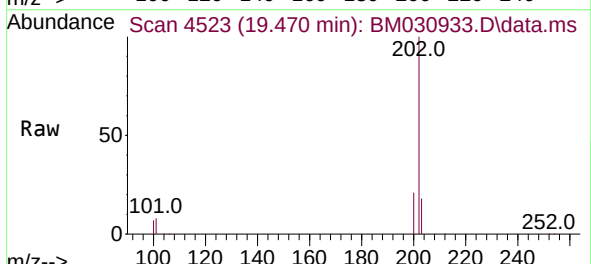
Tgt Ion:202 Resp: 713172
Ion Ratio Lower Upper
202 100
101 7.3 6.3 9.5
100 5.8 5.0 7.6

Manual Integrations
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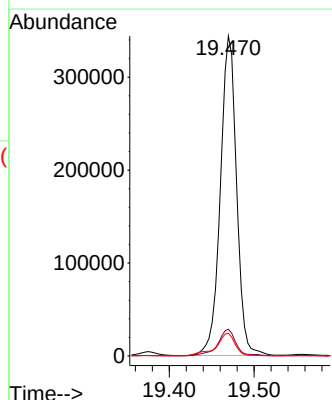
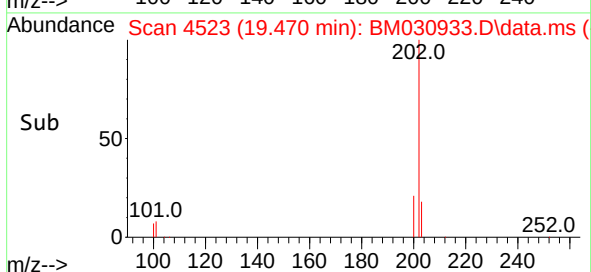
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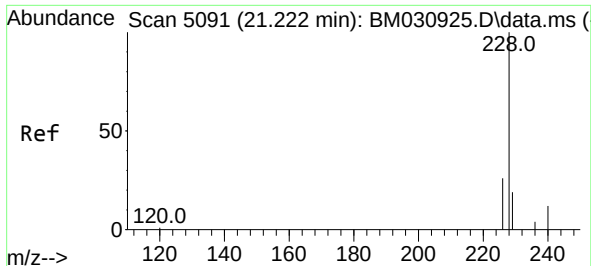


#20
Pyrene
Concen: 17.661 ng/ul
RT: 19.470 min Scan# 4523
Delta R.T. -0.004 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



Tgt Ion:202 Resp: 458401
Ion Ratio Lower Upper
202 100
101 8.4 6.6 10.0
100 7.1 5.6 8.4





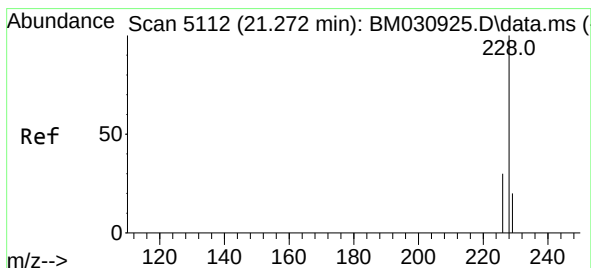
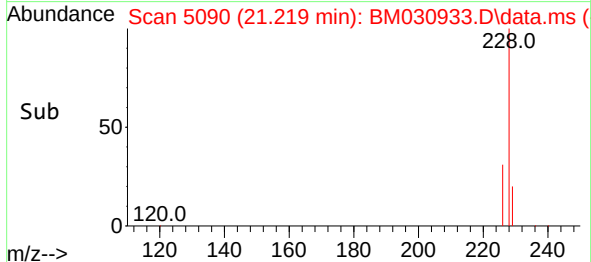
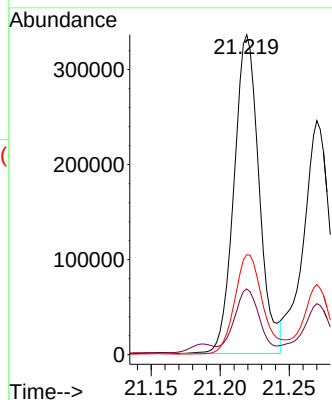
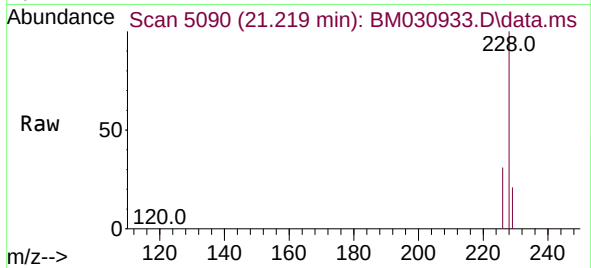
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Benzo(a)anthracene
Concen: 16.788 ng/ul
RT: 21.219 min Scan# 5090
Delta R.T. -0.002 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

Tgt Ion:228 Resp: 422604
Ion Ratio Lower Upper
228 100
229 20.5 16.1 24.1
226 31.3 21.8 32.8

Instrument :
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ClientSampled :
BGE03

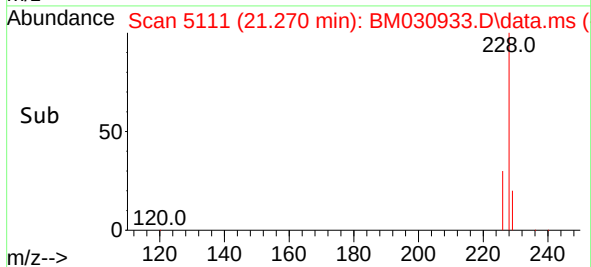
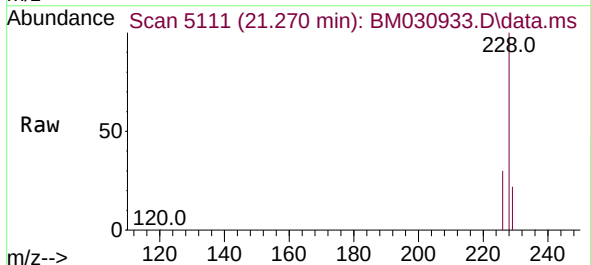
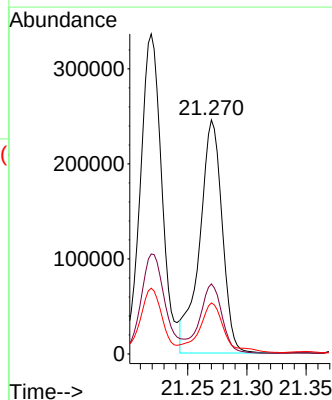
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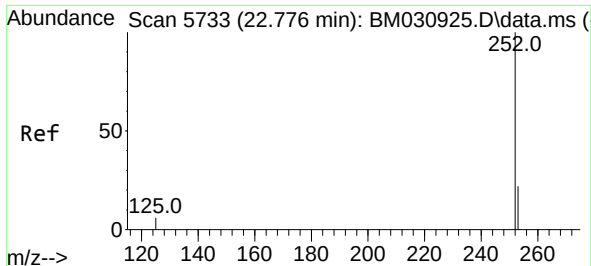
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#22
Chrysene
Concen: 12.452 ng/ul
RT: 21.270 min Scan# 5111
Delta R.T. -0.002 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

Tgt Ion:228 Resp: 323824
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.8 16.4 24.6





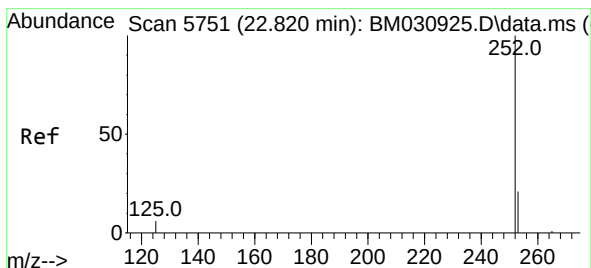
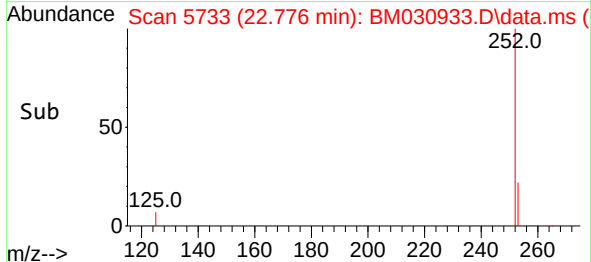
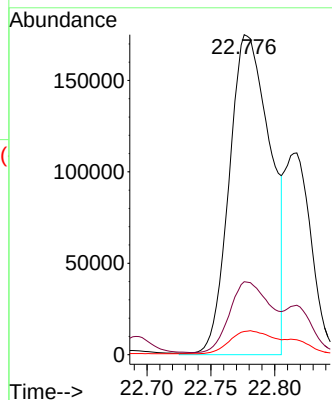
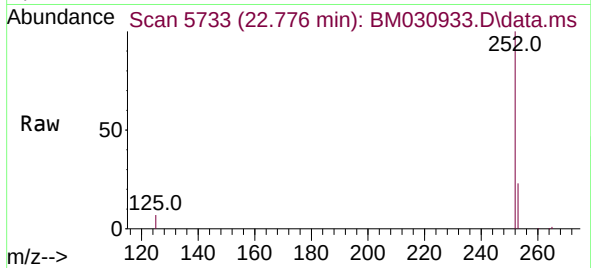
#24
Benzo(b)fluoranthene
Concen: 14.604 ng/ul m
RT: 22.776 min Scan# 5733
Delta R.T. 0.000 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

Tgt Ion:252 Resp: 392087
Ion Ratio Lower Upper
252 100
253 22.8 0.0 62.0
125 7.2 0.0 23.2

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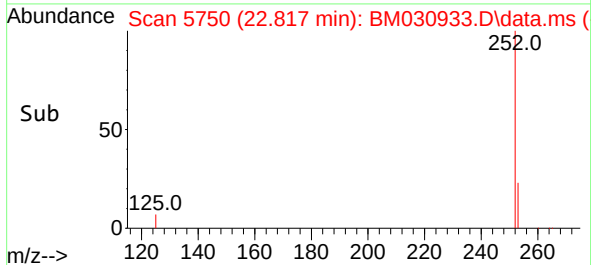
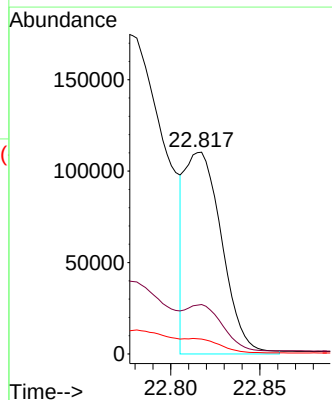
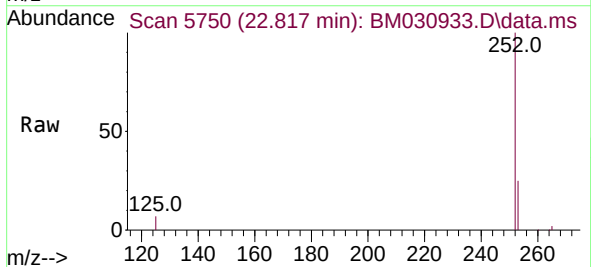
Manual Integrations
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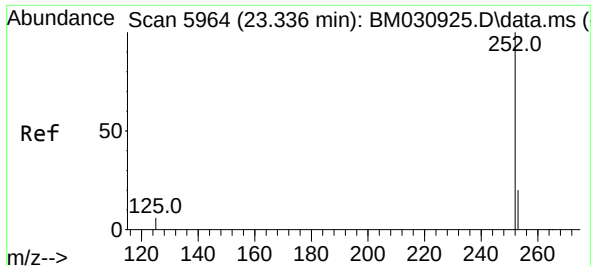
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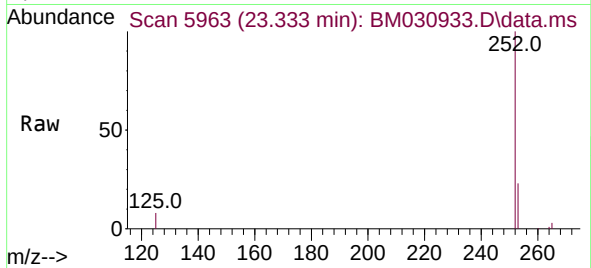
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Benzo(k)fluoranthene
Concen: 5.901 ng/ul m
RT: 22.817 min Scan# 5750
Delta R.T. -0.002 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36

Tgt Ion:252 Resp: 159315
Ion Ratio Lower Upper
252 100
253 24.5 24.3 36.5
125 7.4 9.8 14.8#

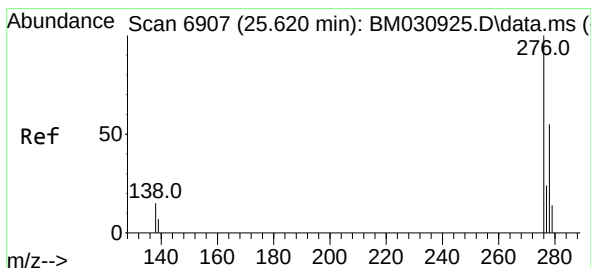
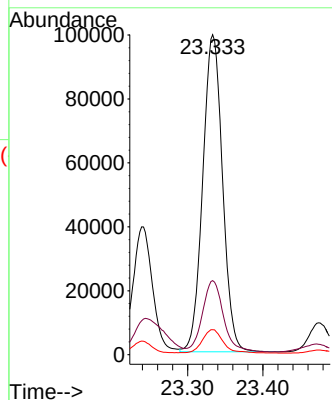
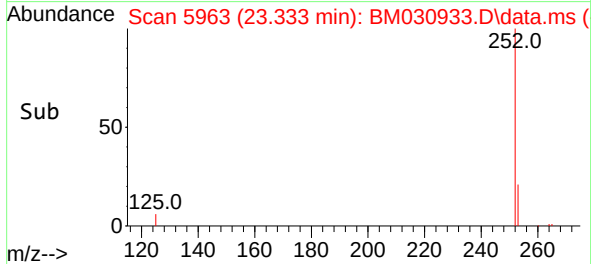




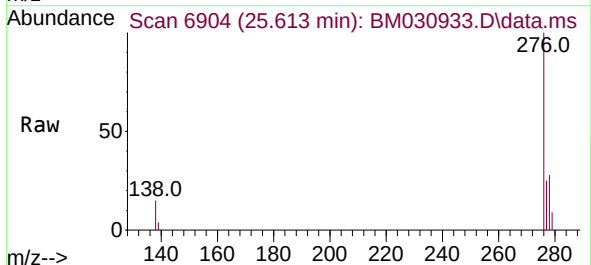
#26
Benzo(a)pyrene
Concen: 7.773 ng/ul
RT: 23.333 min Scan# 5963
Delta R.T. -0.002 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



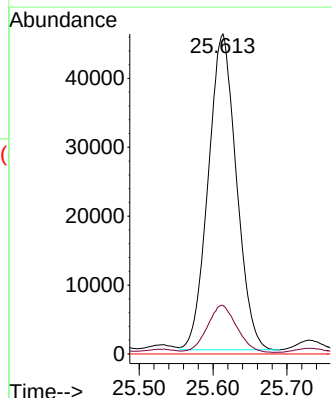
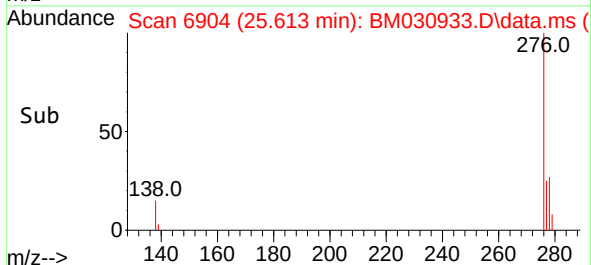
Tgt Ion:252 Resp: 181317
Ion Ratio Lower Upper
252 100
253 23.2 26.5 39.7#
125 7.8 11.0 16.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 3.842 ng/ul
RT: 25.613 min Scan# 6904
Delta R.T. -0.007 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



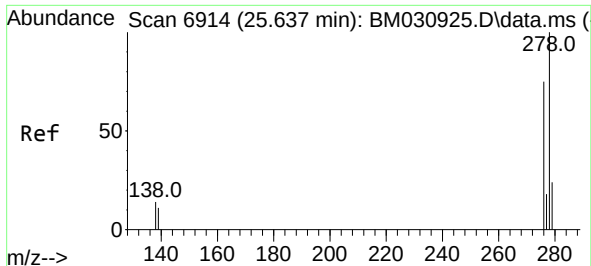
Tgt Ion:276 Resp: 121530
Ion Ratio Lower Upper
276 100
138 15.5 13.0 19.6
227 0.0 0.0 0.0



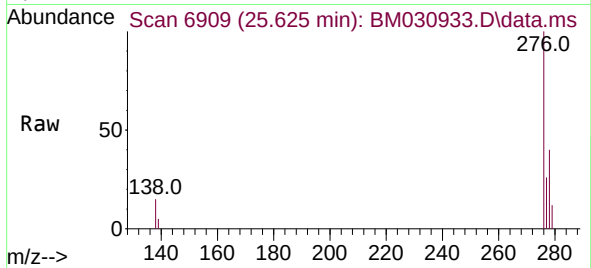
Instrument :
BNA_M
ClientSampled :
BGE03

Manual Integrations
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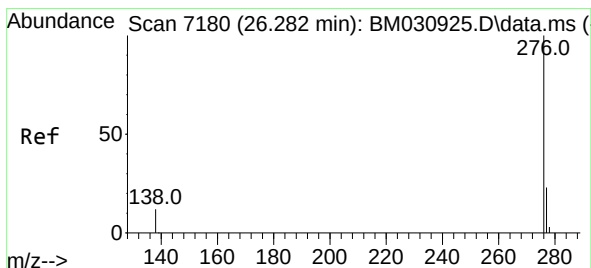
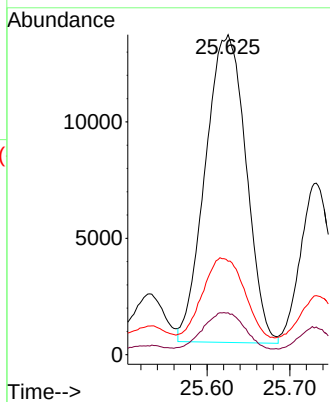
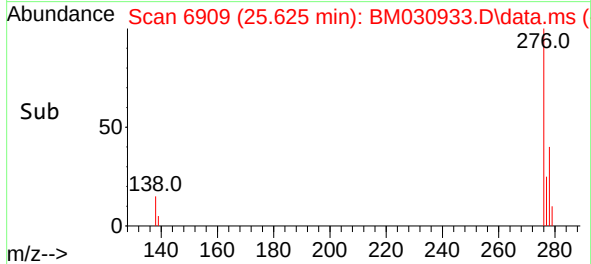
mohammad
7/14/2021 12:16:29 PM



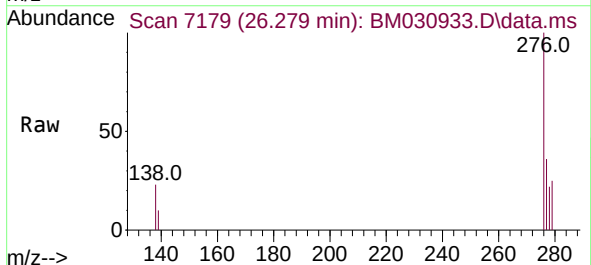
#28
Dibenzo(a,h)anthracene
Concen: 1.768 ng/ul
RT: 25.625 min Scan# 6909
Delta R.T. -0.012 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



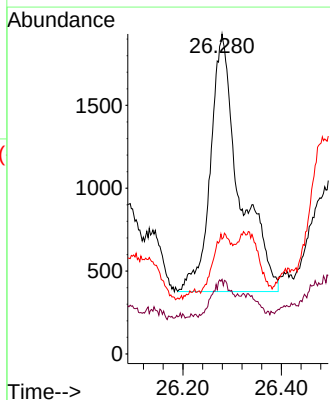
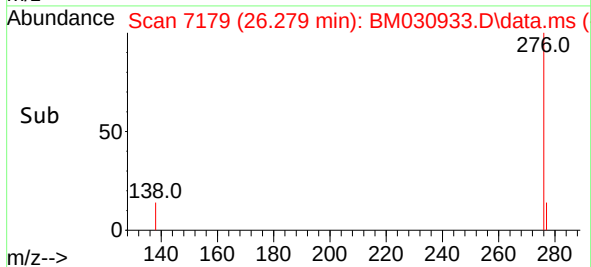
Tgt Ion: 278 Resp: 45223
Ion Ratio Lower Upper
278 100
139 13.1 11.4 17.0
279 29.2 26.2 39.2



#29
Benzo(g,h,i)perylene
Concen: 0.236 ng/ul
RT: 26.279 min Scan# 7179
Delta R.T. -0.002 min
Lab File: BM030933.D
Acq: 13 Jul 2021 16:36



Tgt Ion: 276 Resp: 6342
Ion Ratio Lower Upper
276 100
138 23.3 12.3 18.5#
277 35.9 21.3 31.9#



Instrument :
BNA_M
ClientSampleId :
BGE03

Manual Integrations
APPROVED

mohammad
7/14/2021 12:16:29 PM