

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
 Data File : BM032061.D
 Acq On : 04 Sep 2021 04:23
 Operator : CG/JU
 Sample : M3486-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB7

Manual Integrations
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mohammad
 9/7/2021 11:37:56 AM

Quant Time: Sep 04 04:58:58 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM090321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 03 16:21:27 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.452	152	2040	0.400	ng/ul	0.00
4) Naphthalene-d8	10.208	136	7175	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.099	164	4186	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.855	188	7736	0.400	ng/ul	-0.01
17) Chrysene-d12	21.059	240	6275	0.400	ng/ul	#-0.01
23) Perylene-d12	23.171	264	7402	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	4374	1.952	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.809	152	1540	0.139	ng/ul	-0.01
18) Fluoranthene-d10	18.892	212	3287	0.179	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.257	128	4189	0.220	ng/ul	100
7) 2-Methylnaphthalene	11.885	142	1167	0.088	ng/ul	99
8) 1-Methylnaphthalene	12.106	142	606	0.046	ng/ul	98
10) Acenaphthylene	13.815	152	3214	0.190	ng/ul	98
11) Acenaphthene	14.159	153	354	0.026	ng/ul#	89
12) Fluorene	15.156	166	504	0.031	ng/ul#	90
15) Phenanthrene	16.897	178	12111	0.514	ng/ul	97
16) Anthracene	16.987	178	2128	0.103	ng/ul#	92
19) Fluoranthene	18.923	202	23456	0.865	ng/ul	98
20) Pyrene	19.285	202	20488	0.733	ng/ul	97
21) Benzo(a)anthracene	21.045	228	8963	0.391	ng/ul	94
22) Chrysene	21.096	228	10690	0.406	ng/ul	95
24) Benzo(b)fluoranthene	22.551	252	18024m	0.530	ng/ul	
25) Benzo(k)fluoranthene	22.587	252	6477m	0.185	ng/ul	
26) Benzo(a)pyrene	23.079	252	11435	0.385	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.240	276	11206	0.277	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.254	278	2430	0.075	ng/ul#	49
29) Benzo(g,h,i)perylene	25.872	276	10689	0.296	ng/ul#	92

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

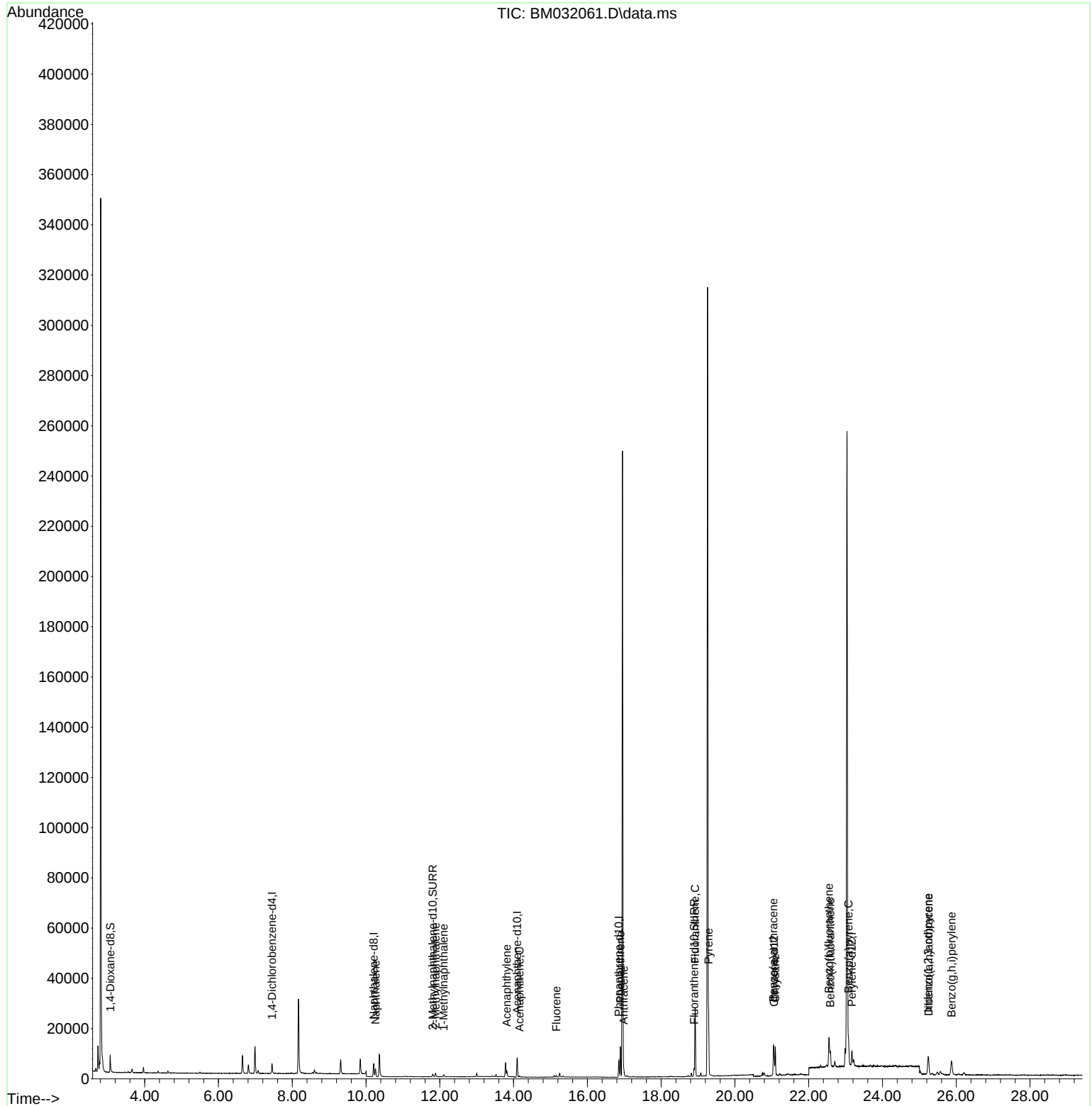
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090321\
Data File : BM032061.D
Acq On : 04 Sep 2021 04:23
Operator : CG/JU
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Misc :
ALS Vial : 19 Sample Multiplier: 1

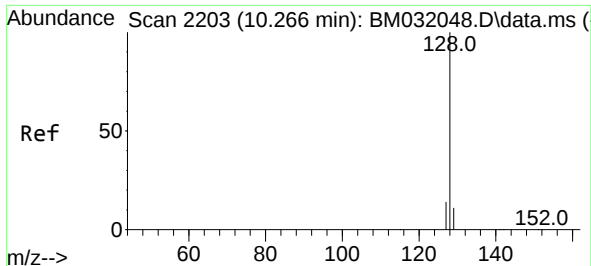
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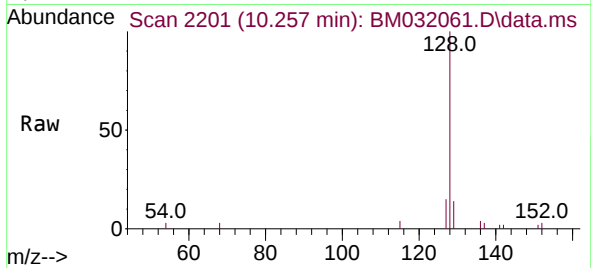
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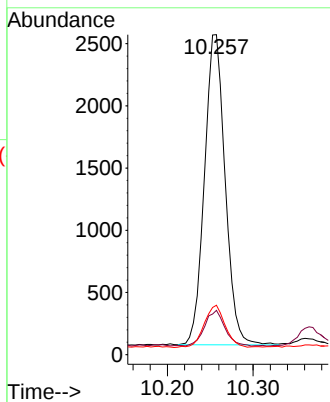
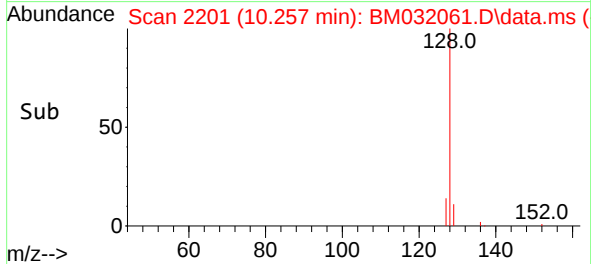




#5
Naphthalene
Concen: 0.220 ng/ul
RT: 10.257 min Scan# 2201
Delta R.T. -0.013 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



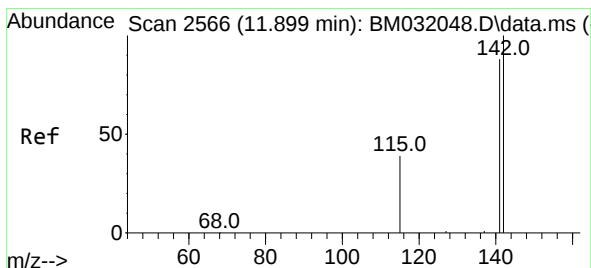
Tgt Ion:	128	Resp:	4189
Ion Ratio	Lower	Upper	
128	100		
129	13.9	10.9	16.3
127	15.5	12.4	18.6



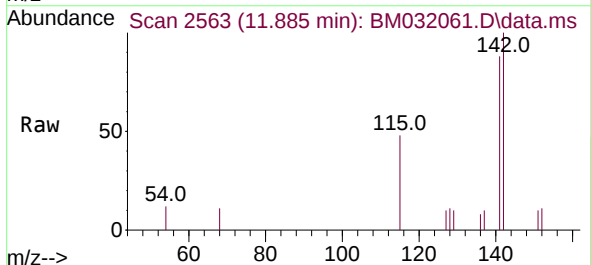
Instrument :
BNA_M
ClientSampleId :
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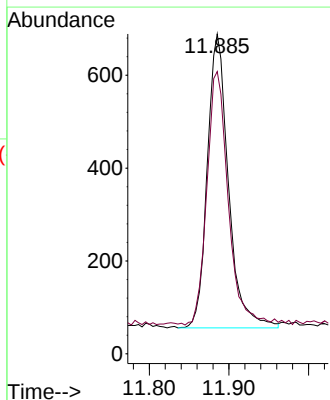
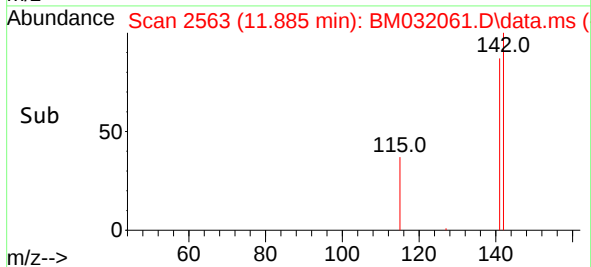
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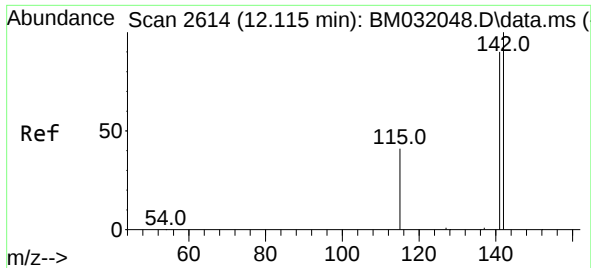


#7
2-Methylnaphthalene
Concen: 0.088 ng/ul
RT: 11.885 min Scan# 2563
Delta R.T. -0.013 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



Tgt Ion:	142	Resp:	1167
Ion Ratio	Lower	Upper	
142	100		
141	86.8	70.3	105.5





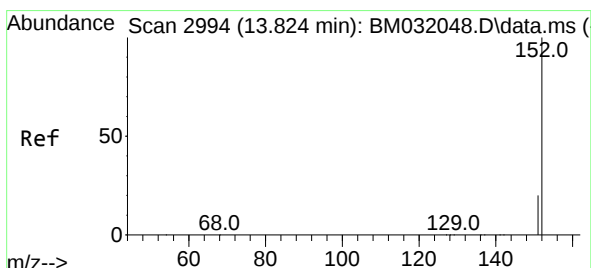
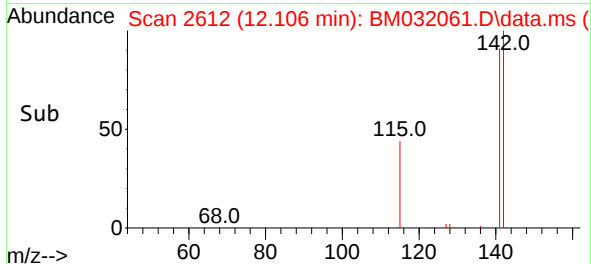
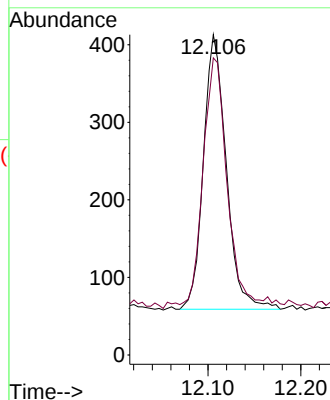
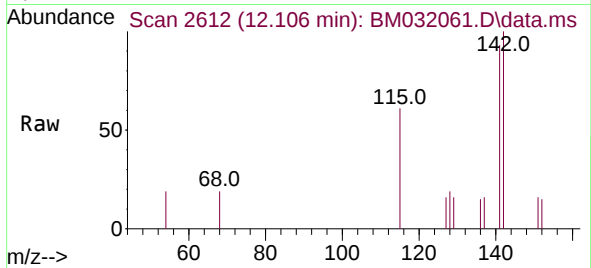
#8
1-Methylnaphthalene
Concen: 0.046 ng/ul
RT: 12.106 min Scan# 2612
Delta R.T. -0.009 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

Tgt Ion:142 Resp: 606
Ion Ratio Lower Upper
142 100
141 92.4 72.2 108.2

Instrument :
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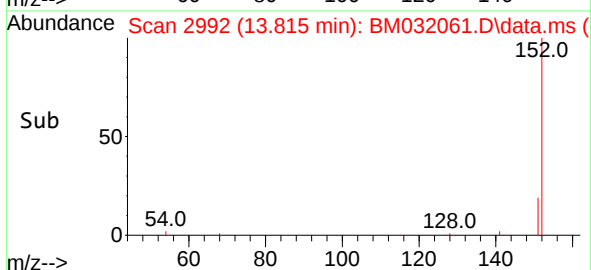
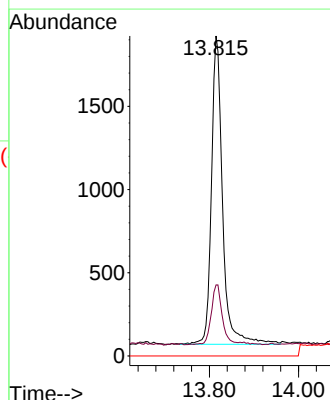
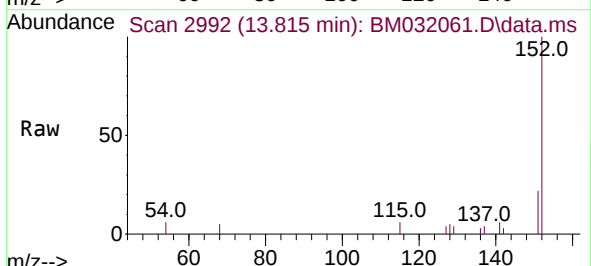
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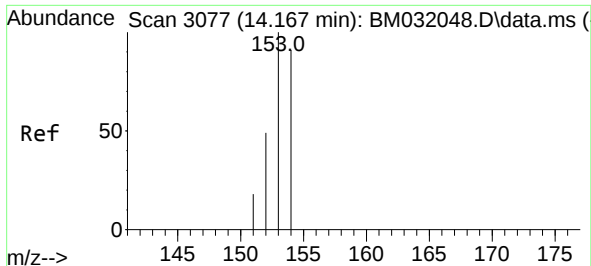
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#10
Acenaphthylene
Concen: 0.190 ng/ul
RT: 13.815 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

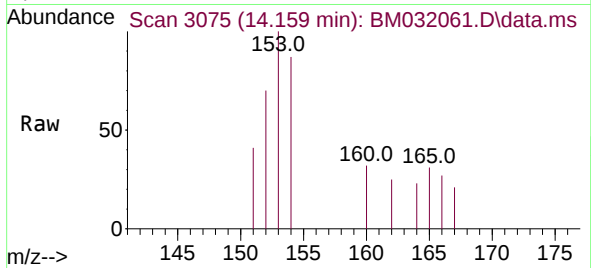
Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 22.2 17.0 25.4
153 0.0 0.0 0.0





#11
Acenaphthene
Concen: 0.026 ng/uI
RT: 14.159 min Scan# 3075
Delta R.T. -0.008 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

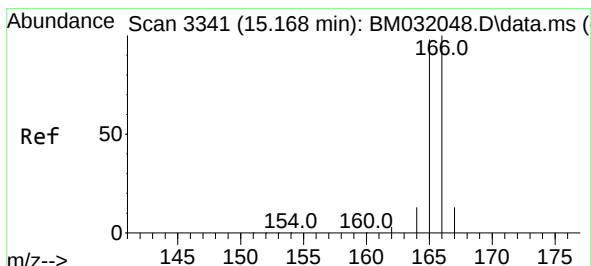
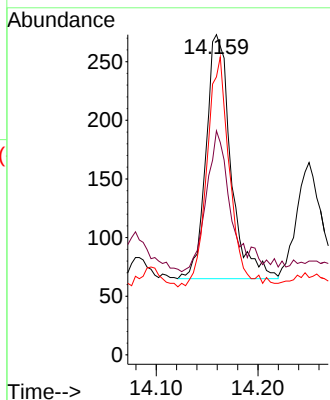
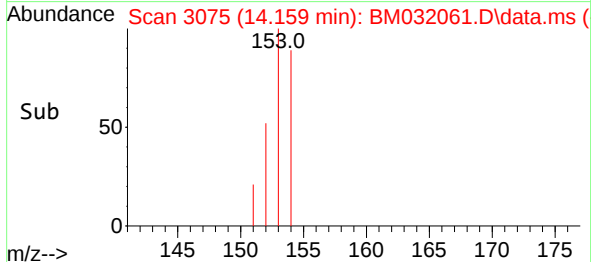
Instrument :
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ClientSampled :
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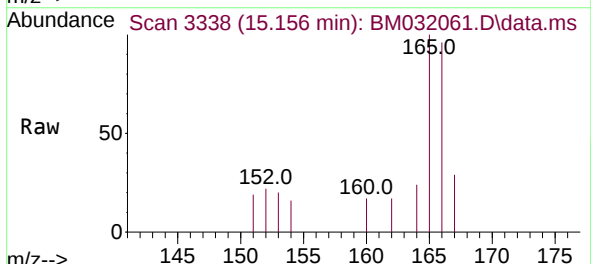
Tgt Ion:153 Resp: 354
Ion Ratio Lower Upper
153 100
152 70.0 41.0 61.4#
154 86.8 70.5 105.7

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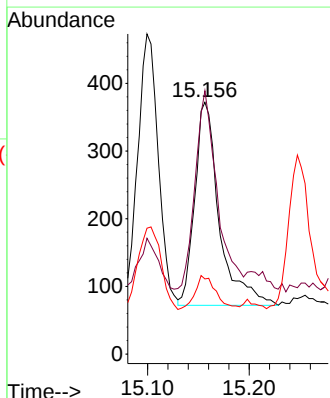
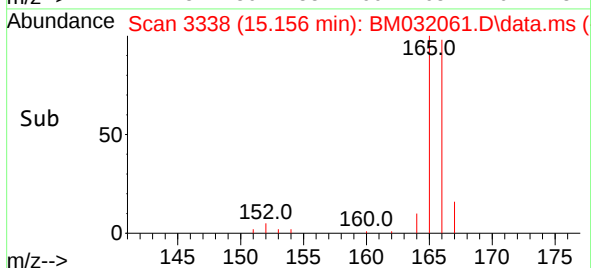
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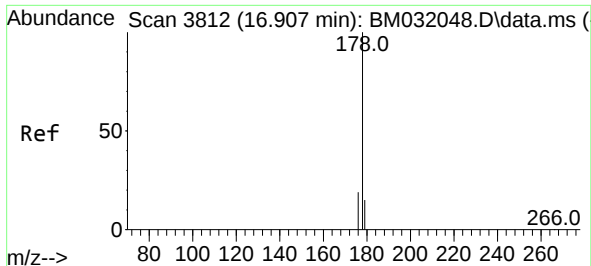


#12
Fluorene
Concen: 0.031 ng/uI
RT: 15.156 min Scan# 3338
Delta R.T. -0.015 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



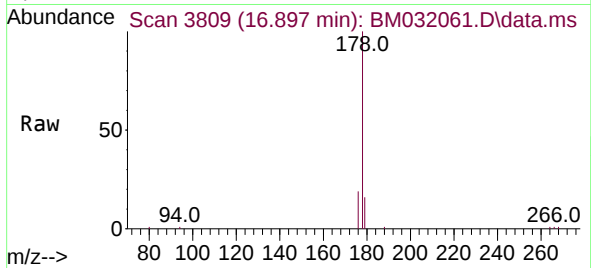
Tgt Ion:166 Resp: 504
Ion Ratio Lower Upper
166 100
165 104.6 78.3 117.5
167 29.8 12.5 18.7#





#15
Phenanthrene
Concen: 0.514 ng/ul
RT: 16.897 min Scan# 3809
Delta R.T. -0.010 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

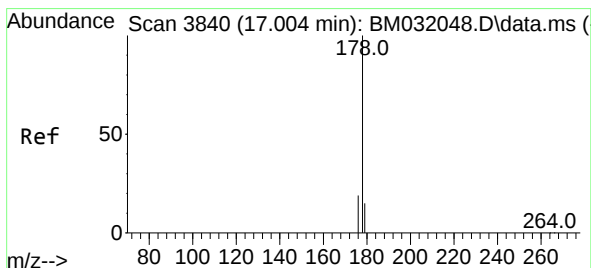
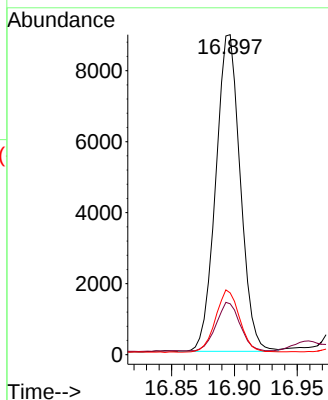
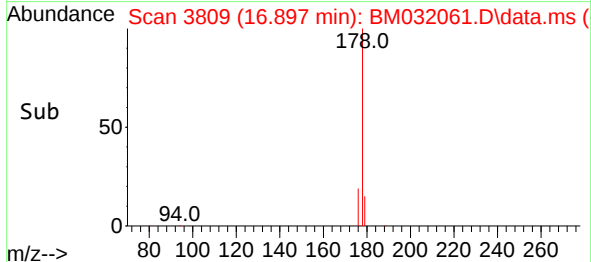
Instrument :
BNA_M
ClientSampleId :
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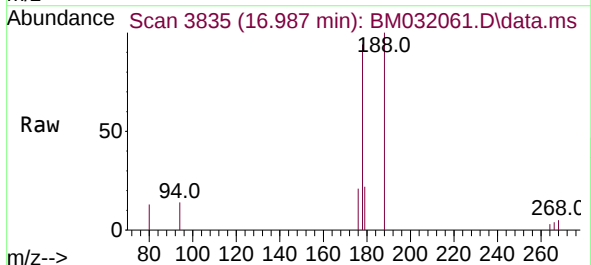
Tgt Ion:178 Resp: 12111
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.3 16.7 25.1

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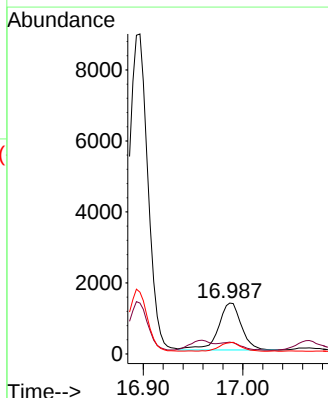
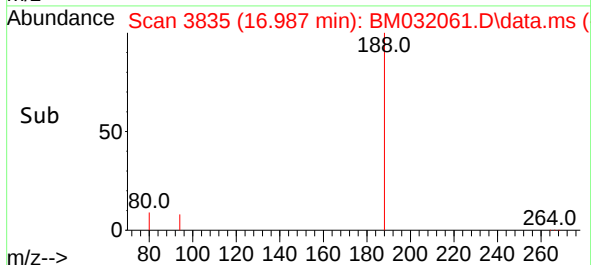
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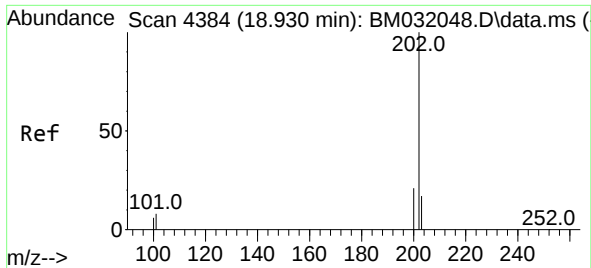


#16
Anthracene
Concen: 0.103 ng/ul
RT: 16.987 min Scan# 3835
Delta R.T. -0.021 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

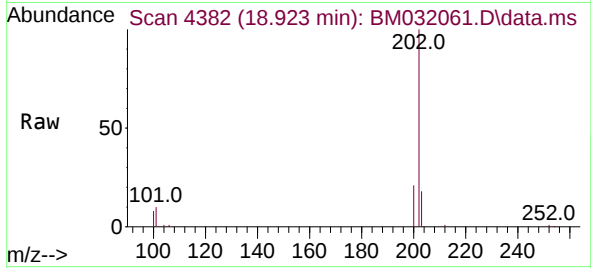


Tgt Ion:178 Resp: 2128
Ion Ratio Lower Upper
178 100
179 23.1 14.3 21.5#
176 22.2 15.8 23.8

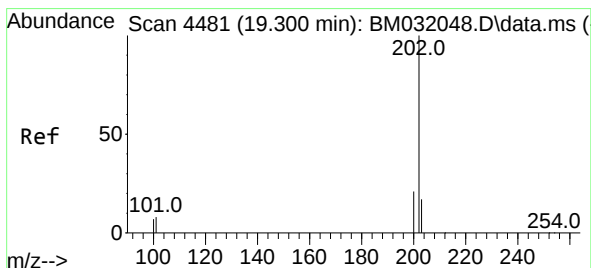
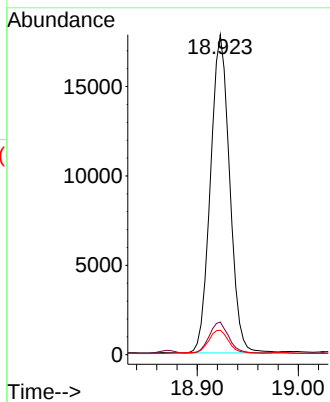
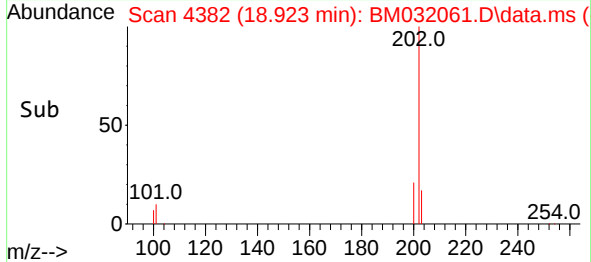




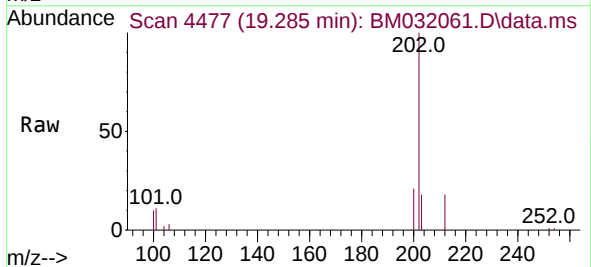
#19
Fluoranthene
Concen: 0.865 ng/u1
RT: 18.923 min Scan# 4382
Delta R.T. -0.011 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



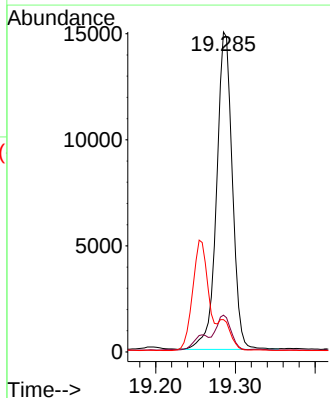
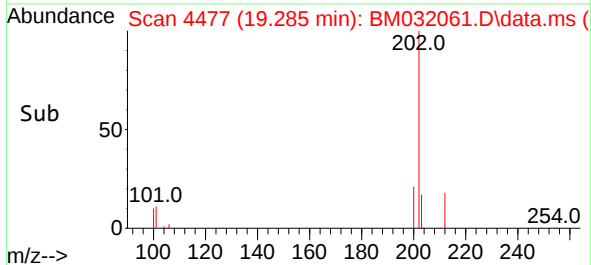
Tgt Ion:202 Resp: 23456
Ion Ratio Lower Upper
202 100
101 10.2 7.2 10.8
100 7.6 5.8 8.6



#20
Pyrene
Concen: 0.733 ng/u1
RT: 19.285 min Scan# 4477
Delta R.T. -0.015 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



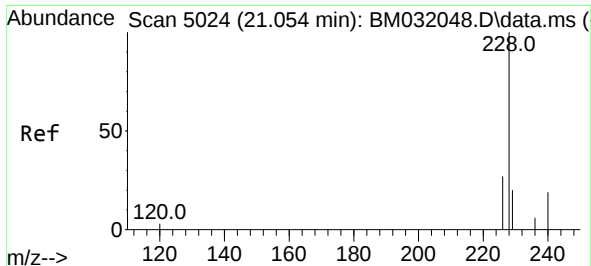
Tgt Ion:202 Resp: 20488
Ion Ratio Lower Upper
202 100
101 11.5 8.2 12.4
100 10.1 7.0 10.6



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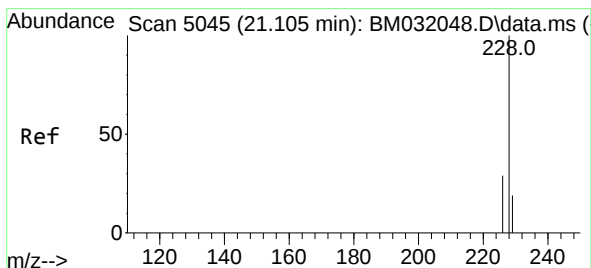
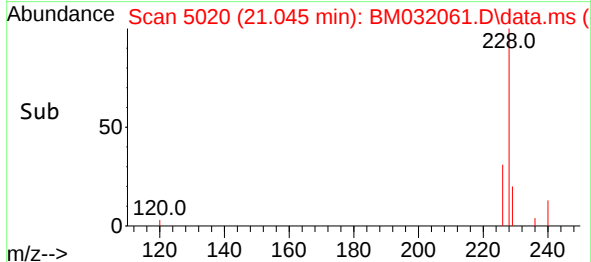
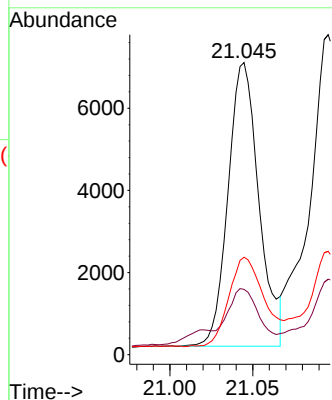
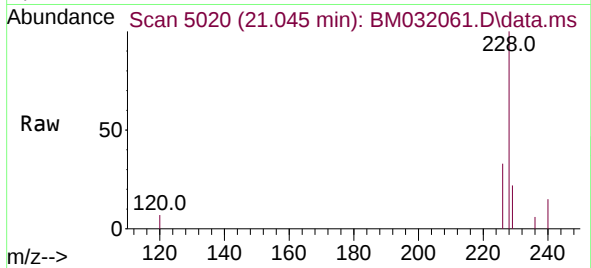
#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.045 min Scan# 5020
Delta R.T. -0.014 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

Tgt Ion:228	Resp:	8963
Ion Ratio	Lower	Upper
228	100	
229	22.3	17.1 25.7
226	33.3	23.1 34.7

Instrument :
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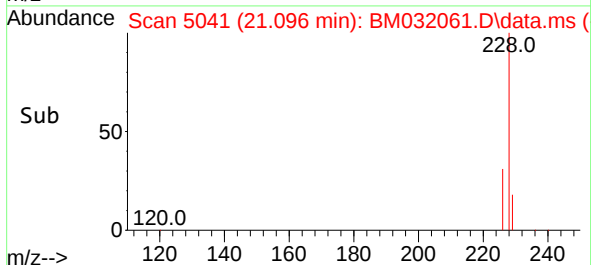
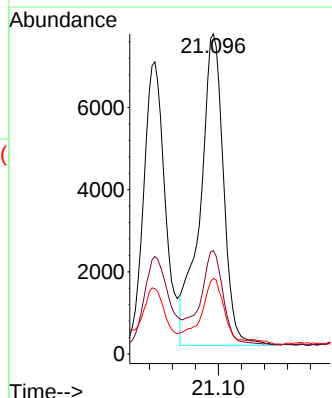
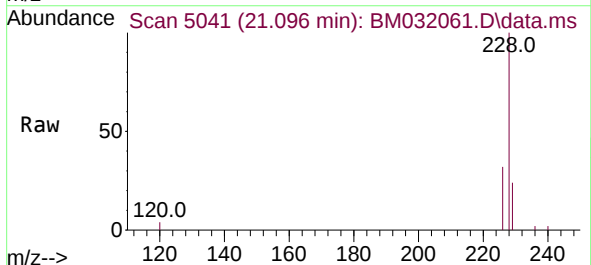
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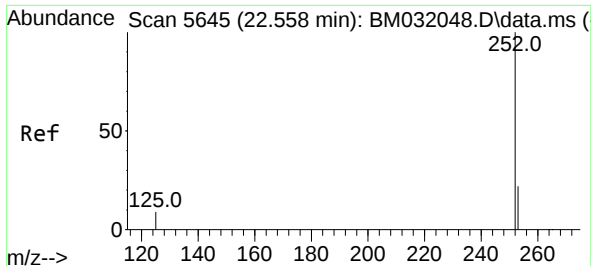
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#22
Chrysene
Concen: 0.406 ng/ul
RT: 21.096 min Scan# 5041
Delta R.T. -0.014 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

Tgt Ion:228	Resp:	10690
Ion Ratio	Lower	Upper
228	100	
226	32.3	24.2 36.2
229	23.6	16.3 24.5





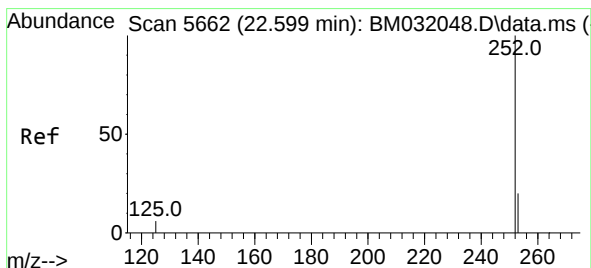
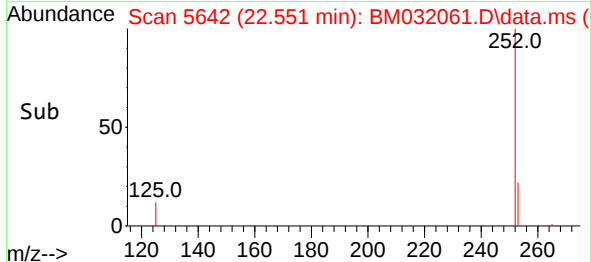
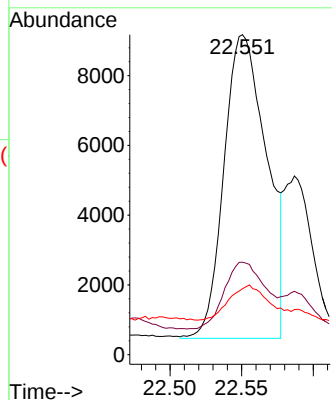
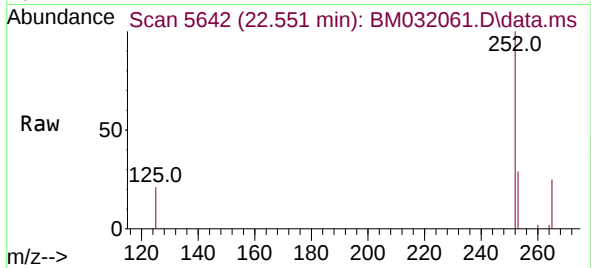
#24
Benzo(b)fluoranthene
Concen: 0.530 ng/ul m
RT: 22.551 min Scan# 5642
Delta R.T. -0.014 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

Tgt Ion:	252	Resp:	18024
Ion Ratio	Lower	Upper	
252	100		
253	28.9	0.0	61.0
125	20.6	0.0	28.4

Instrument :
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ClientSampled :
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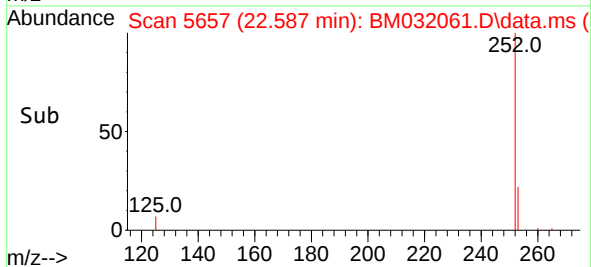
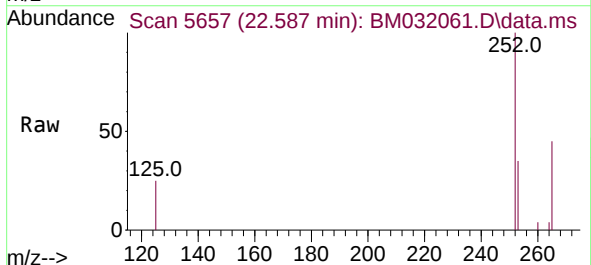
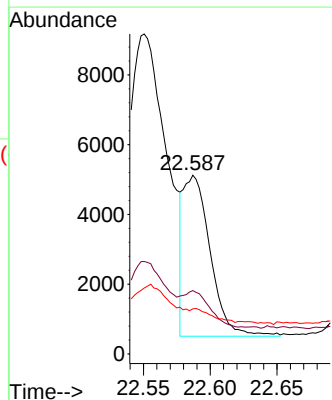
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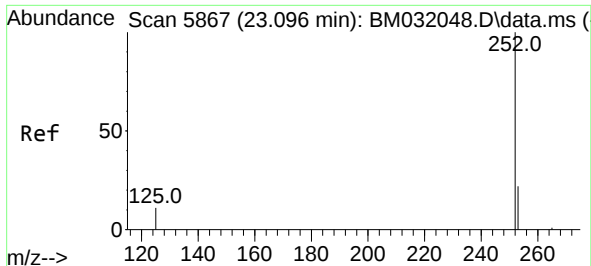
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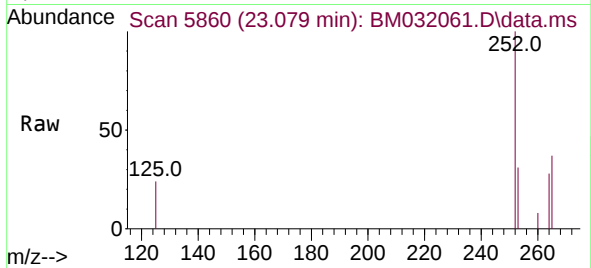
#25
Benzo(k)fluoranthene
Concen: 0.185 ng/ul m
RT: 22.587 min Scan# 5657
Delta R.T. -0.022 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23

Tgt Ion:	252	Resp:	6477
Ion Ratio	Lower	Upper	
252	100		
253	35.5	25.2	37.8
125	25.2	11.0	16.4

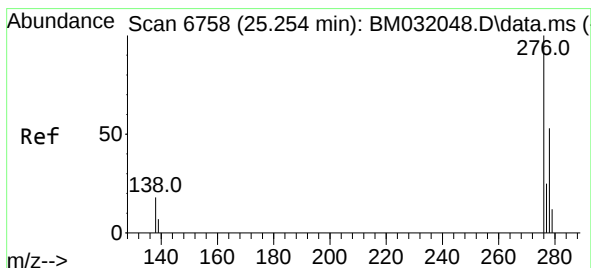
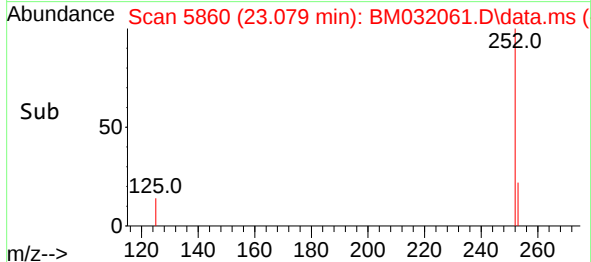
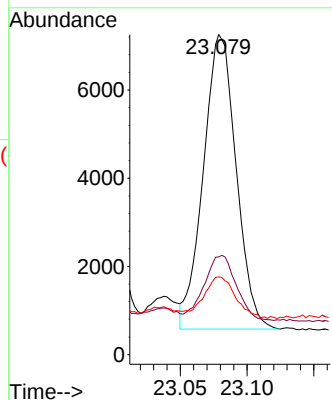




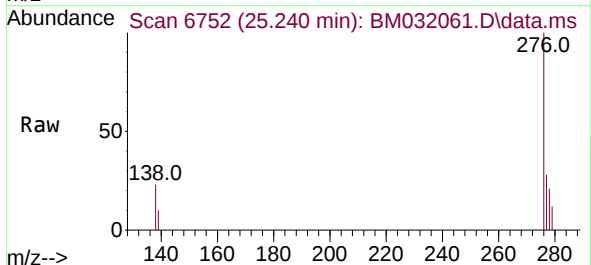
#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.079 min Scan# 5860
Delta R.T. -0.027 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



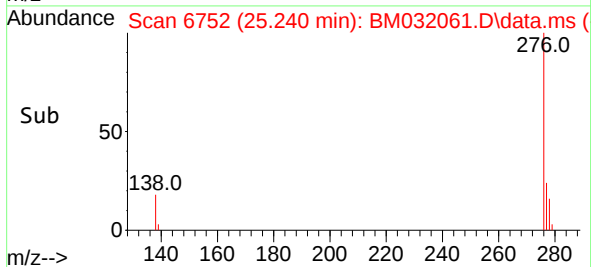
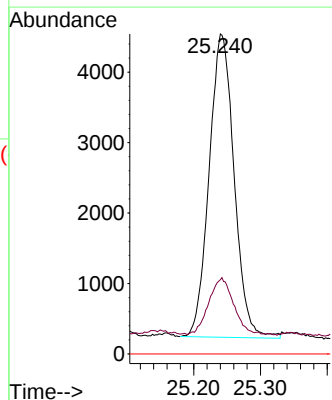
Tgt Ion:252 Resp: 11435
Ion Ratio Lower Upper
252 100
253 30.5 28.8 43.2
125 24.3 13.9 20.9#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.277 ng/ul
RT: 25.240 min Scan# 6752
Delta R.T. -0.031 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



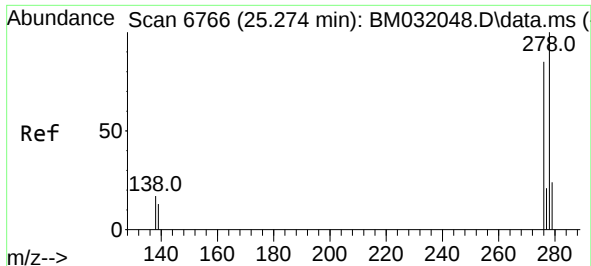
Tgt Ion:276 Resp: 11206
Ion Ratio Lower Upper
276 100
138 19.2 14.1 21.1
227 0.0 0.0 0.0



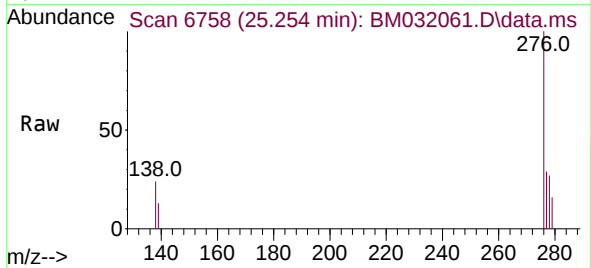
Instrument :
BNA_M
ClientSampleId :
C0AB7

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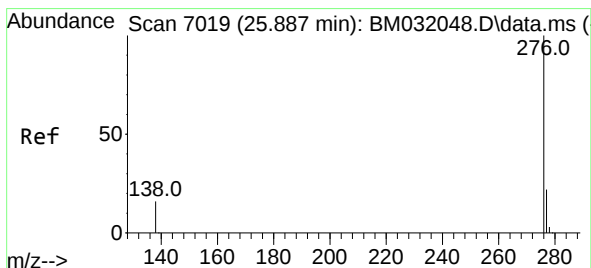
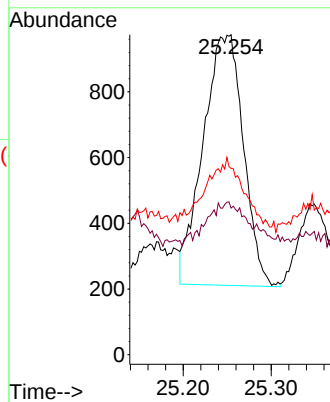
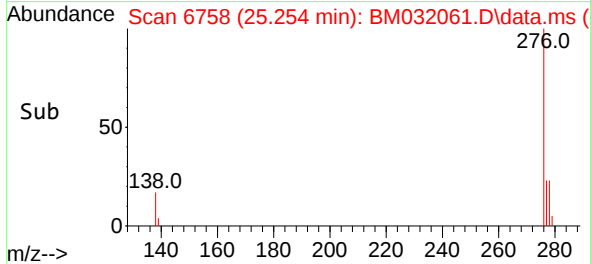
mohammad
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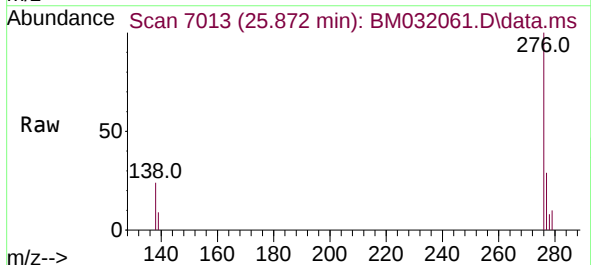
#28
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul
RT: 25.254 min Scan# 6758
Delta R.T. -0.031 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



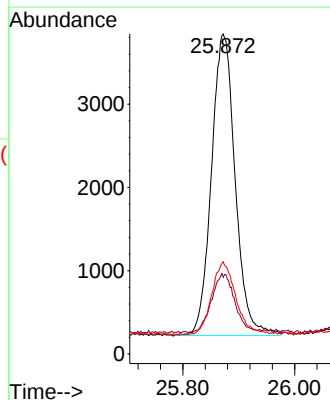
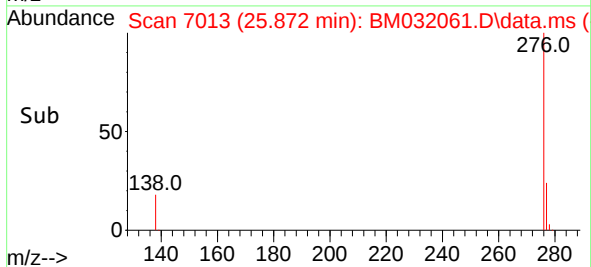
Tgt Ion: 278 Resp: 2430
Ion Ratio Lower Upper
278 100
139 45.8 13.4 20.0#
279 58.2 27.2 40.8#



#29
Benzo(g,h,i)perylene
Concen: 0.296 ng/ul
RT: 25.872 min Scan# 7013
Delta R.T. -0.031 min
Lab File: BM032061.D
Acq: 04 Sep 2021 04:23



Tgt Ion: 276 Resp: 10689
Ion Ratio Lower Upper
276 100
138 24.0 14.5 21.7#
277 28.8 21.2 31.8



Instrument :
BNA_M
ClientSampleId :
C0AB7

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