

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072821\
 Data File : BM031225.D
 Acq On : 28 Jul 2021 23:28
 Operator : CG/JU
 Sample : M3082-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0012

Manual Integrations
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Quant Time: Jul 29 03:22:36 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 : Wed Jul 28 15:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	1846	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6918	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.246	164	4199	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	8288	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.181	240	6482	0.400	ng/ul	# 0.00
23) Perylene-d12	23.348	264	5952	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3596	1.754	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	1505	0.129	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	3159	0.146	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	2568	0.125	ng/ul	95
7) 2-Methylnaphthalene	12.043	142	2571	0.183	ng/ul	99
8) 1-Methylnaphthalene	12.268	142	1617	0.116	ng/ul	99
10) Acenaphthylene	13.968	152	3928	0.220	ng/ul	100
11) Acenaphthene	14.307	153	691	0.046	ng/ul#	93
12) Fluorene	15.297	166	1368	0.079	ng/ul#	93
15) Phenanthrene	17.034	178	32376	1.230	ng/ul	98
16) Anthracene	17.124	178	7785	0.316	ng/ul	99
19) Fluoranthene	19.054	202	102720	3.711	ng/ul	98
20) Pyrene	19.416	202	78333	2.790	ng/ul	97
21) Benzo(a)anthracene	21.166	228	44160	1.687	ng/ul	97
22) Chrysene	21.217	228	49395	1.824	ng/ul	98
24) Benzo(b)fluoranthene	22.704	252	69222m	2.581	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	22664m	0.818	ng/ul	
26) Benzo(a)pyrene	23.254	252	30524	1.300	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.490	276	26647	0.878	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.504	278	7563	0.309	ng/ul#	90
29) Benzo(g,h,i)perylene	26.149	276	2533	0.098	ng/ul#	68

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

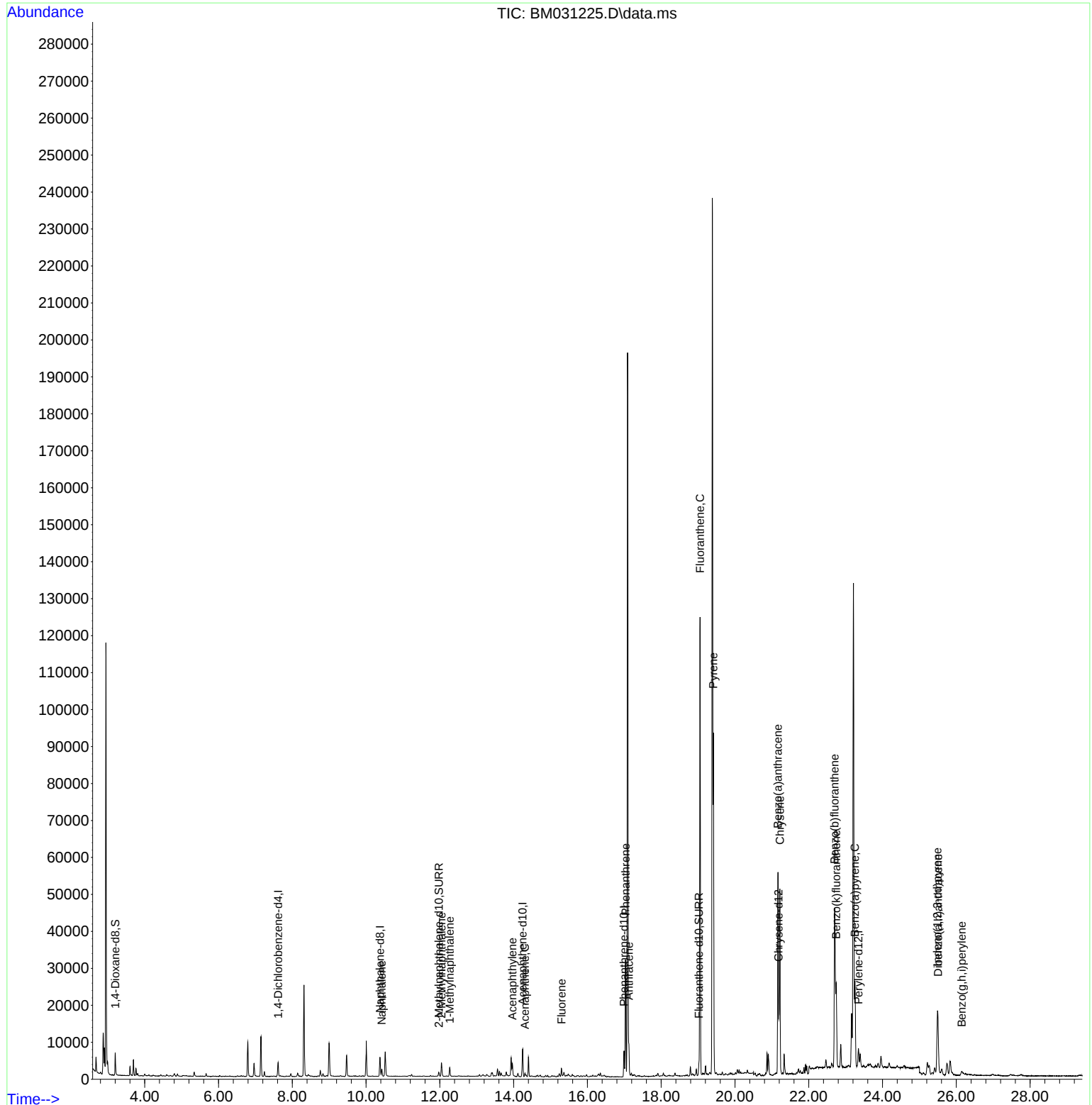
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Data File : BM031225.D
Acq On : 28 Jul 2021 23:28
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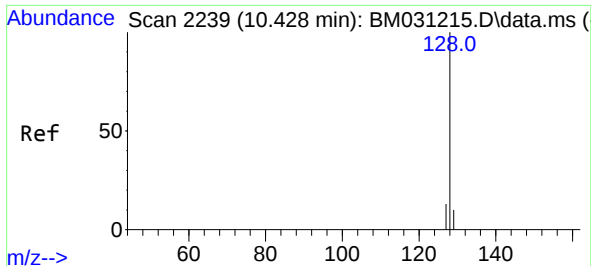
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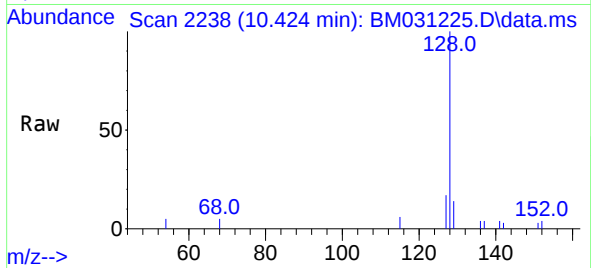
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
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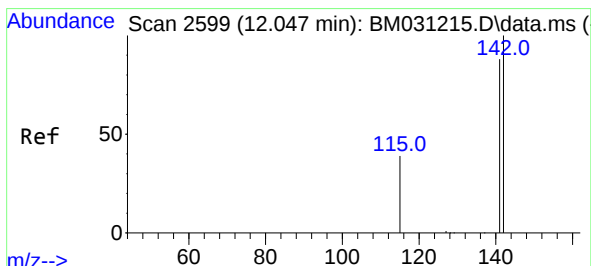
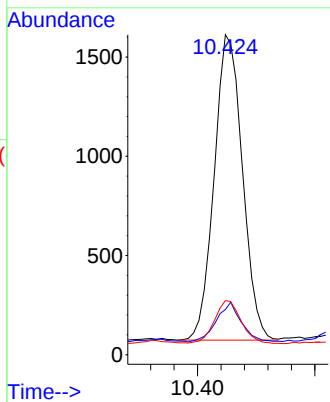
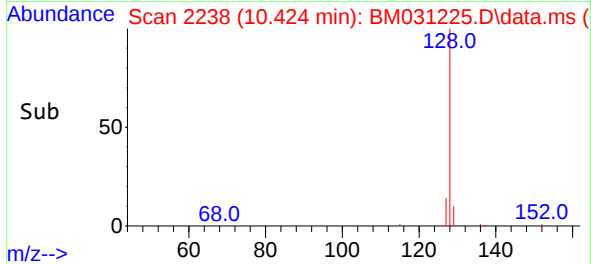




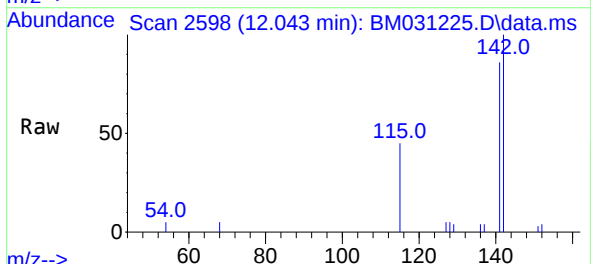
#5
Naphthalene
Concen: 0.125 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.004 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



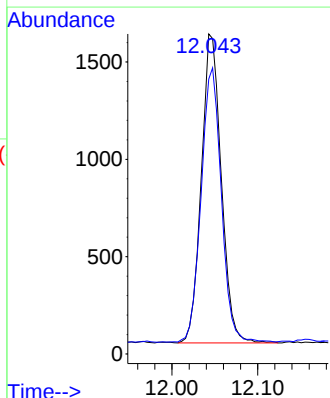
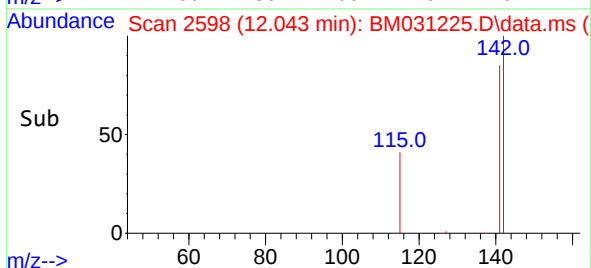
Tgt Ion:	128	Resp:	2568
Ion	Ratio	Lower	Upper
128	100		
129	14.1	10.0	15.0
127	16.9	11.6	17.4



#7
2-Methylnaphthalene
Concen: 0.183 ng/ul
RT: 12.043 min Scan# 2598
Delta R.T. -0.004 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



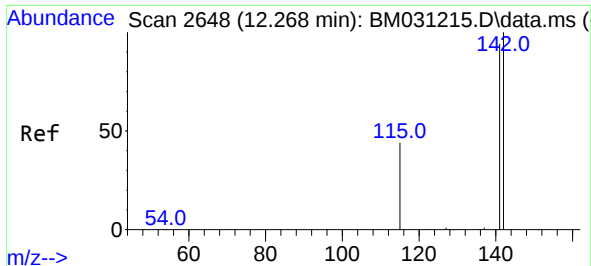
Tgt Ion:	142	Resp:	2571
Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.4	107.0



Instrument :
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ClientSampled :
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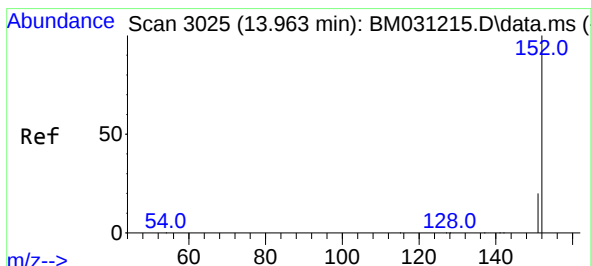
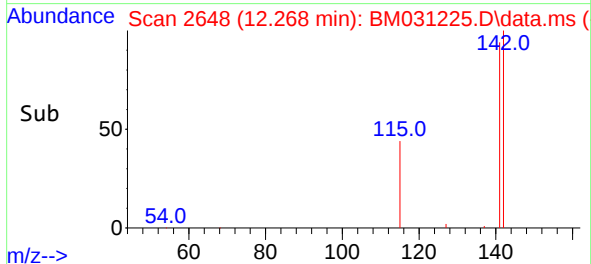
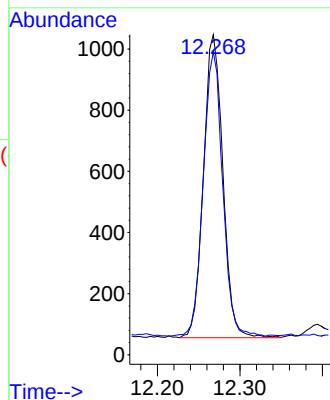
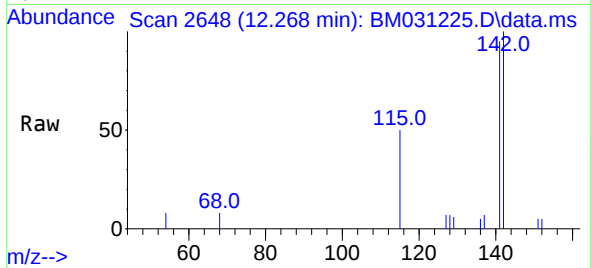
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1-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. 0.000 min
Lab File: BM031225.D
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Tgt Ion:142 Resp: 1617
Ion Ratio Lower Upper
142 100
141 93.6 74.1 111.1

Instrument :
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ClientSampled :
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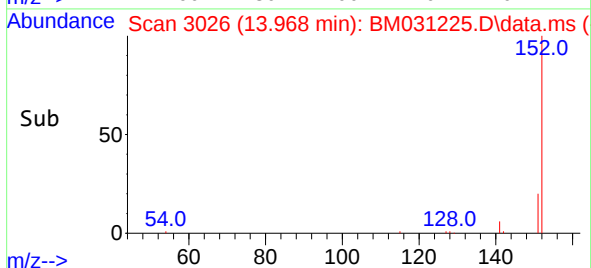
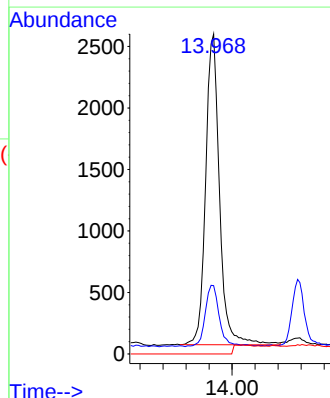
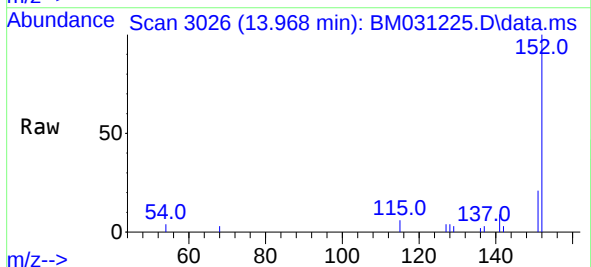
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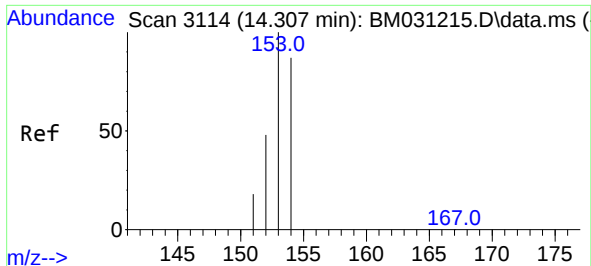
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#10
Acenaphthylene
Concen: 0.220 ng/ul
RT: 13.968 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:152 Resp: 3928
Ion Ratio Lower Upper
152 100
151 21.3 16.9 25.3
153 0.0 0.0 0.0





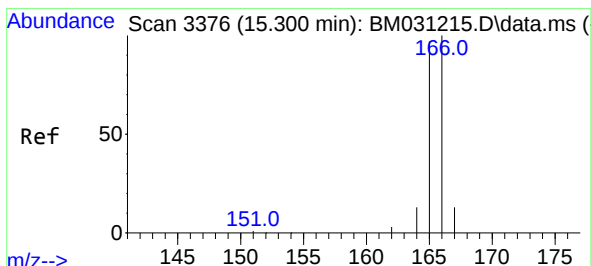
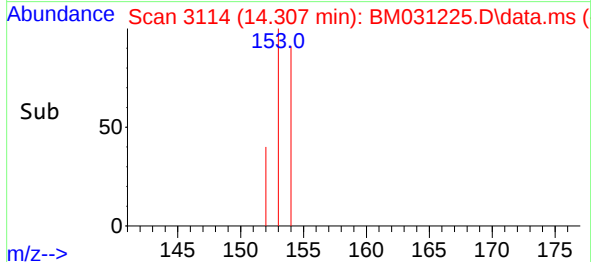
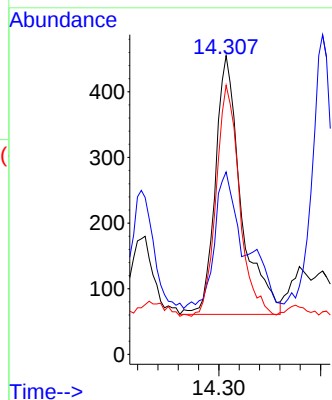
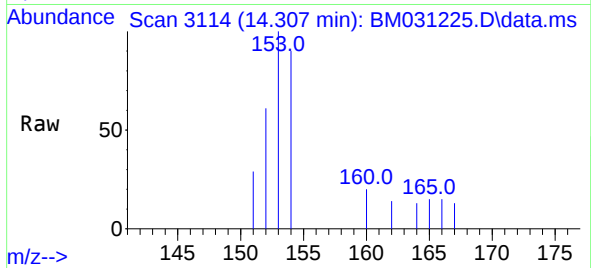
#11
Acenaphthene
Concen: 0.046 ng/ul
RT: 14.307 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:153 Resp: 691
Ion Ratio Lower Upper
153 100
152 61.1 40.7 61.1#
154 90.1 70.2 105.2

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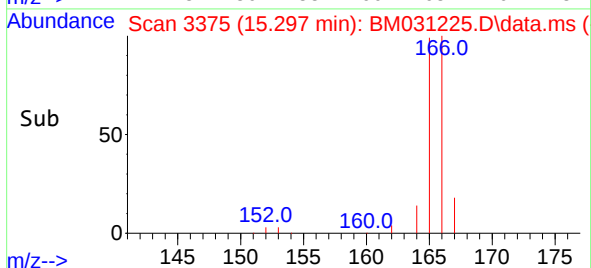
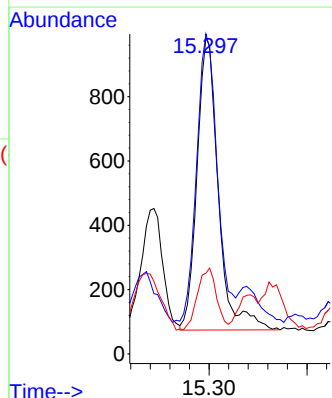
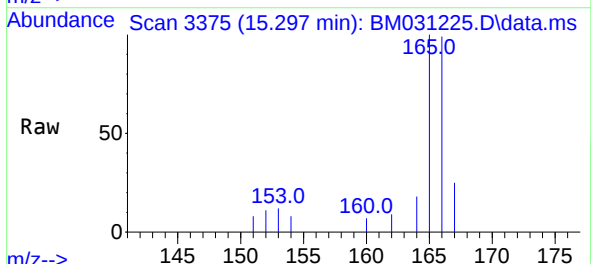
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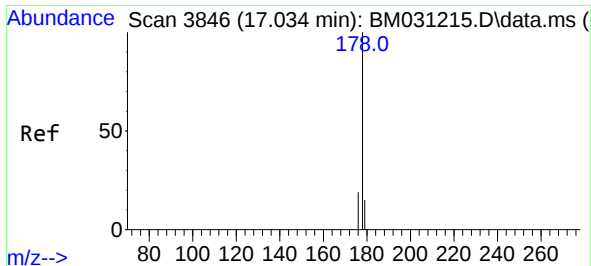
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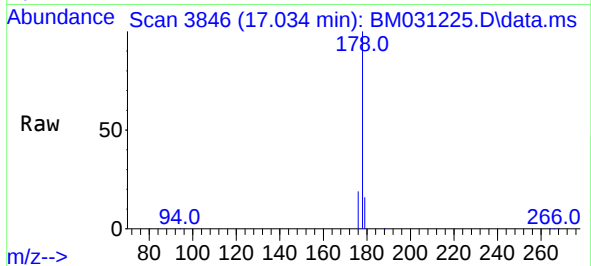
#12
Fluorene
Concen: 0.079 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:166 Resp: 1368
Ion Ratio Lower Upper
166 100
165 101.2 78.0 117.0
167 25.5 12.0 18.0#

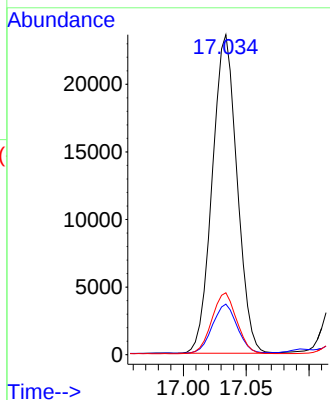




#15
Phenanthrene
Concen: 1.230 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



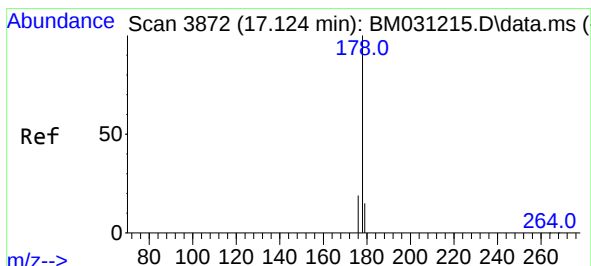
Tgt Ion:178 Resp: 32376
Ion Ratio Lower Upper
178 100
179 15.8 13.3 19.9
176 19.4 16.2 24.4



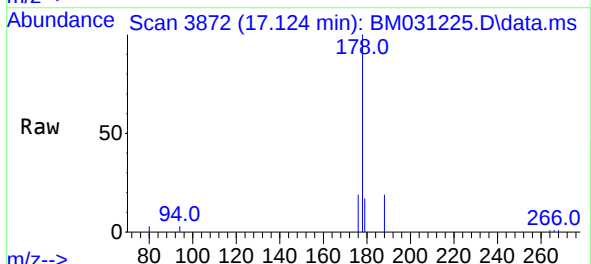
Instrument :
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ClientSampled :
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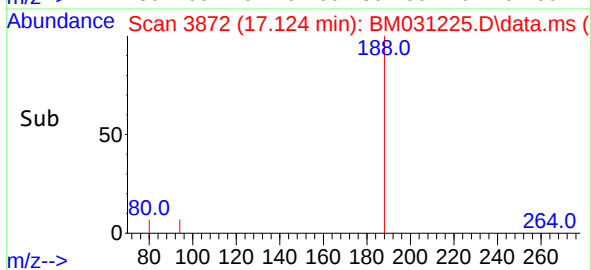
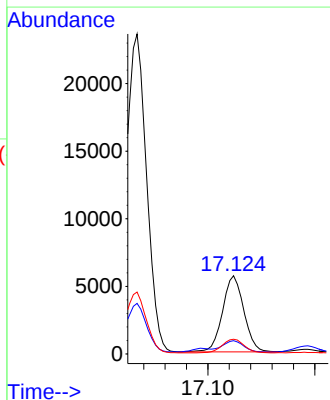
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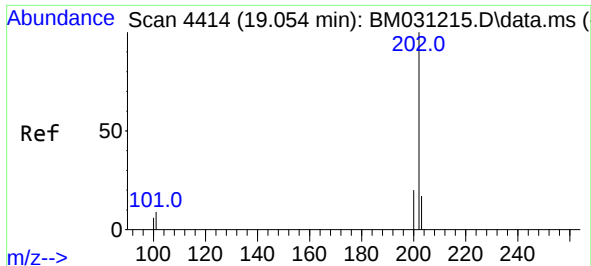


#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.124 min Scan# 3872
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



Tgt Ion:178 Resp: 7785
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.6
176 18.8 15.6 23.4





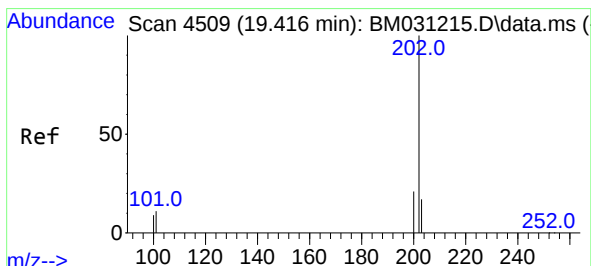
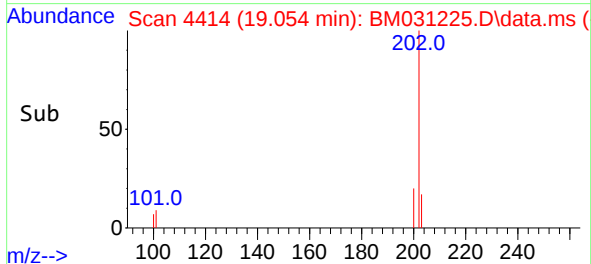
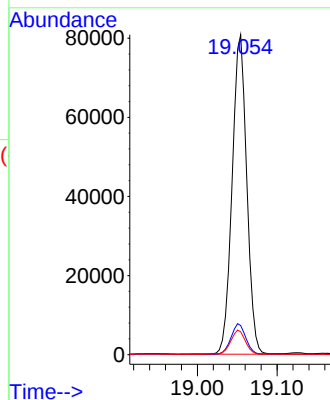
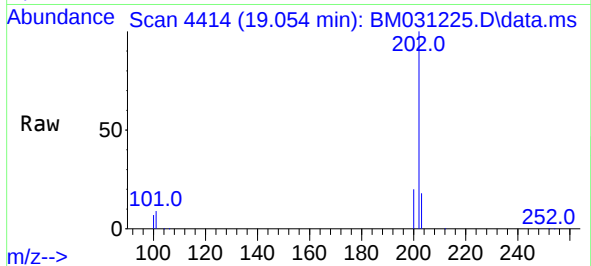
#19
Fluoranthene
Concen: 3.711 ng/u1
RT: 19.054 min Scan# 4414
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	202	Resp:	102720
Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.6	10.0
100	7.1	5.4	8.0

Instrument :
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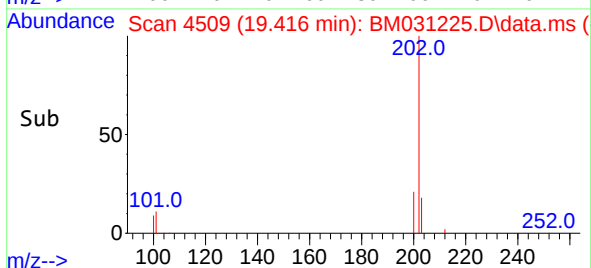
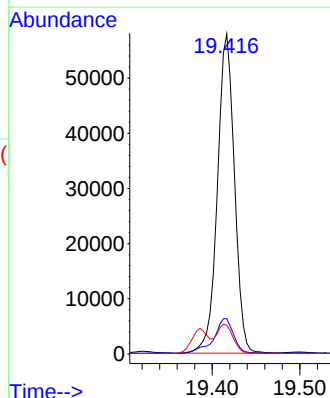
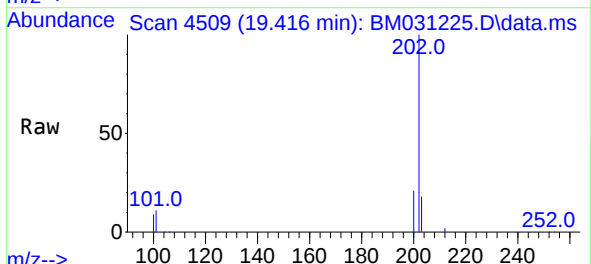
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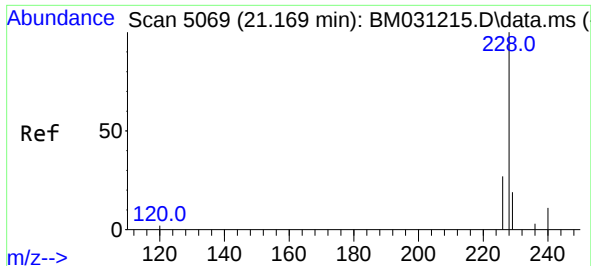
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#20
Pyrene
Concen: 2.790 ng/u1
RT: 19.416 min Scan# 4509
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	202	Resp:	78333
Ion	Ratio	Lower	Upper
202	100		
101	11.1	7.8	11.6
100	9.0	6.6	10.0





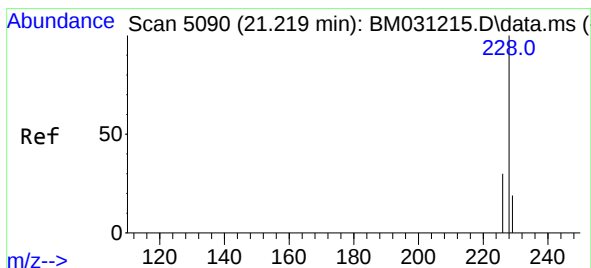
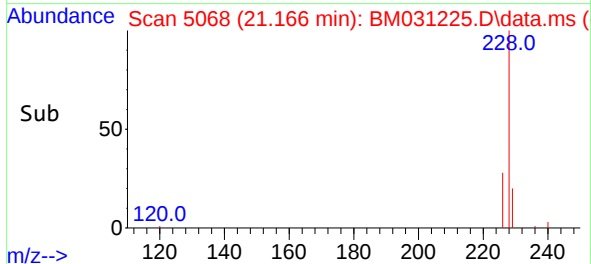
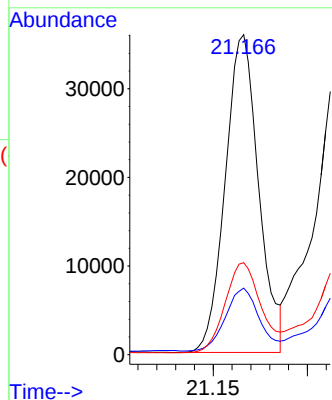
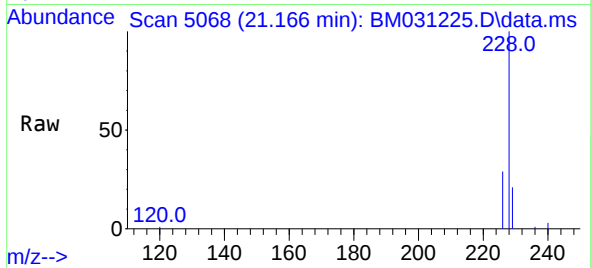
#21
Benzo(a)anthracene
Concen: 1.687 ng/ul
RT: 21.166 min Scan# 5068
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:228	Resp:	44160
Ion Ratio	Lower	Upper
228	100	
229	20.8	15.6 23.4
226	28.7	21.7 32.5

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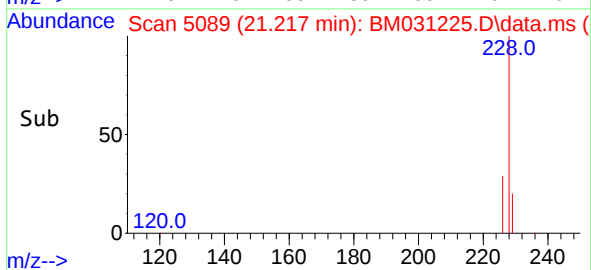
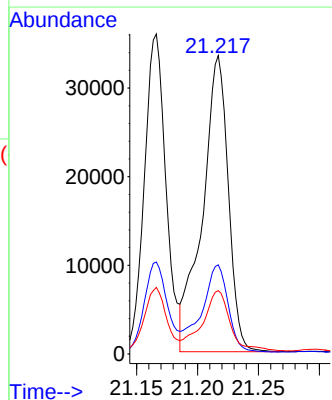
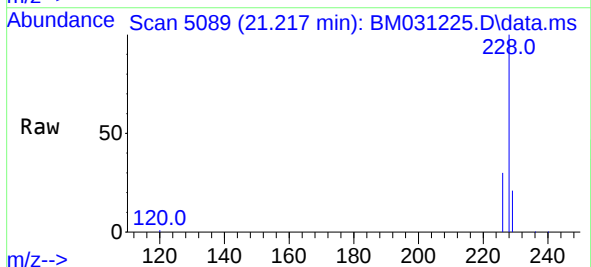
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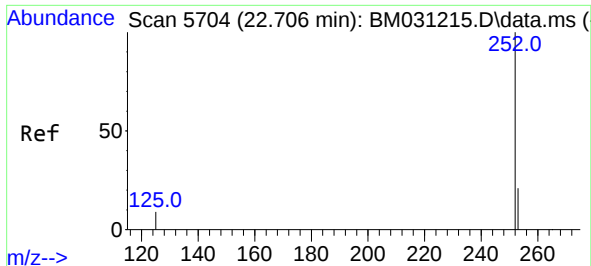
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#22
Chrysene
Concen: 1.824 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:228	Resp:	49395
Ion Ratio	Lower	Upper
228	100	
226	29.8	24.7 37.1
229	21.2	16.2 24.2





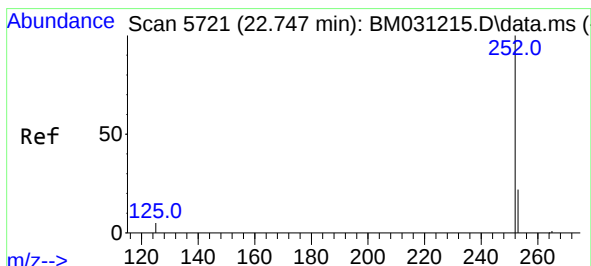
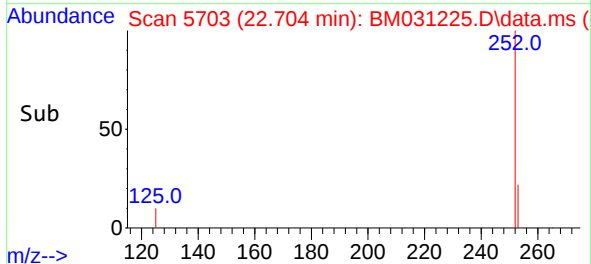
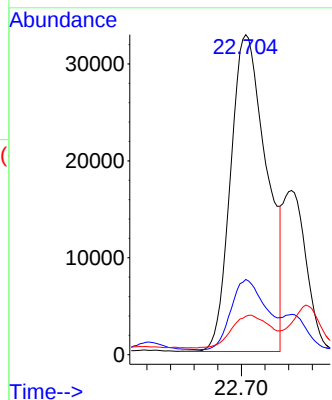
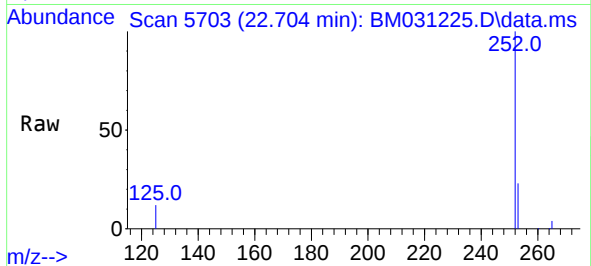
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Benzo(b)fluoranthene
Concen: 2.581 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.002 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	252	Resp:	69222
Ion Ratio	Lower	Upper	
252	100		
253	23.5	0.0	53.0
125	12.0	0.0	22.8

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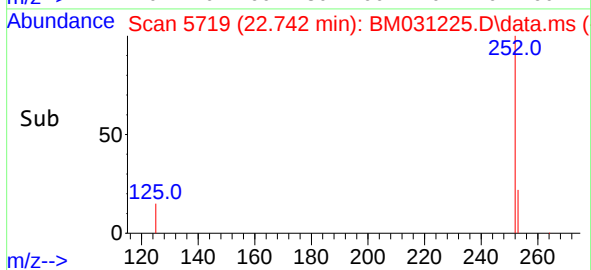
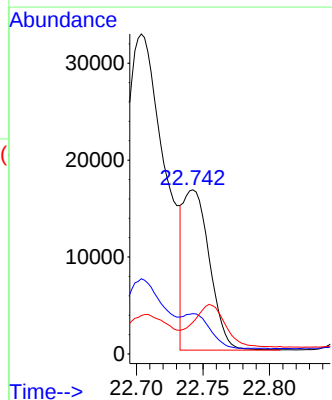
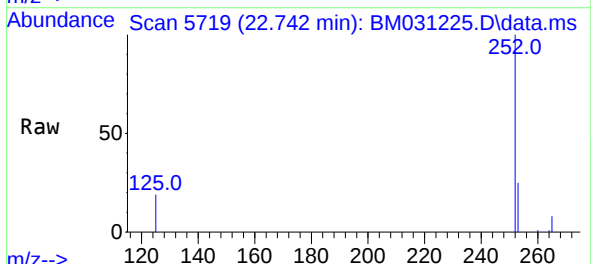
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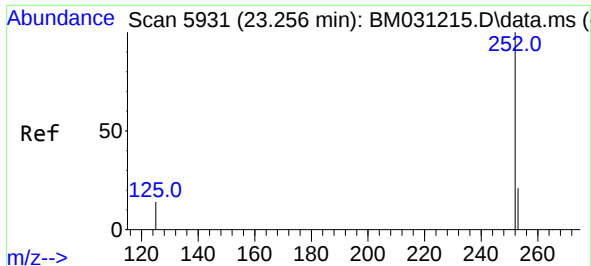
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#25
Benzo(k)fluoranthene
Concen: 0.818 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.005 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	252	Resp:	22664
Ion Ratio	Lower	Upper	
252	100		
253	24.6	21.3	31.9
125	19.3	8.8	13.2#





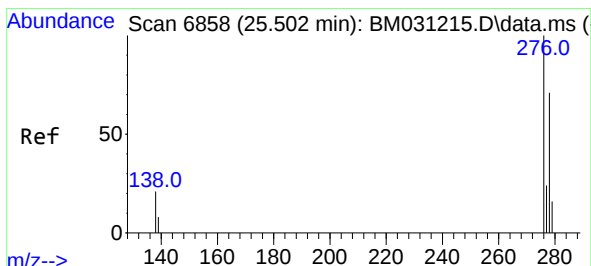
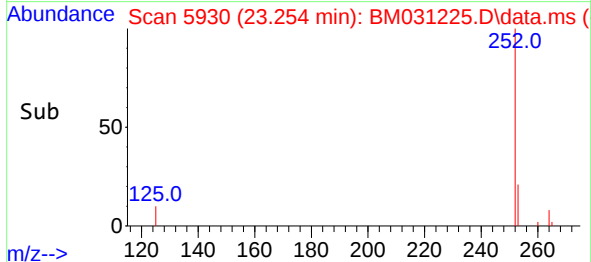
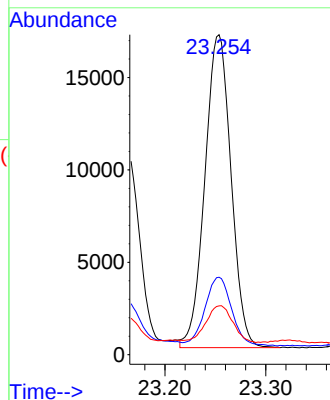
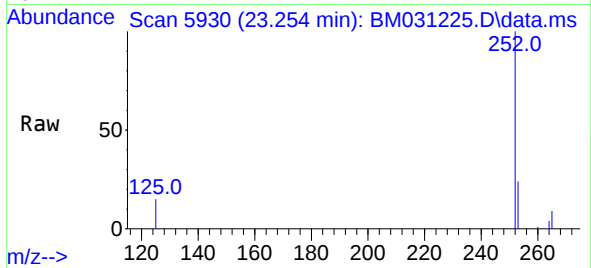
#26
Benzo(a)pyrene
Concen: 1.300 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. -0.002 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	252	Resp:	30524
Ion Ratio	Lower	Upper	
252	100		
253	24.2	22.4	33.6
125	15.3	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0012

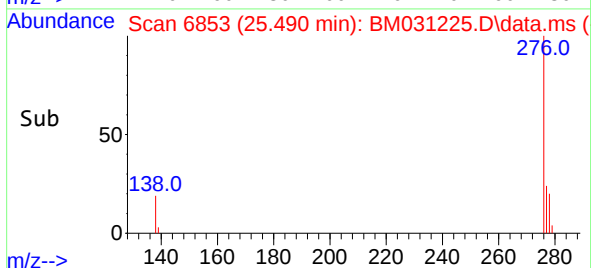
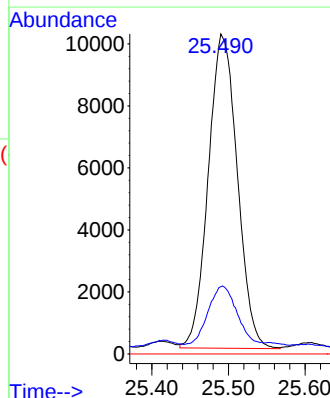
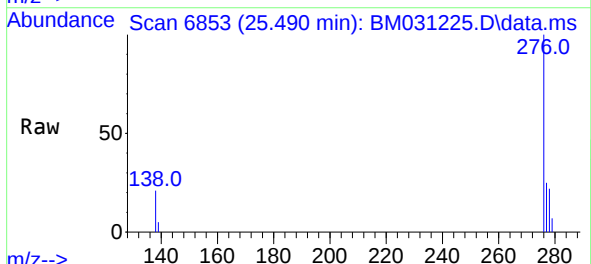
Manual Integrations
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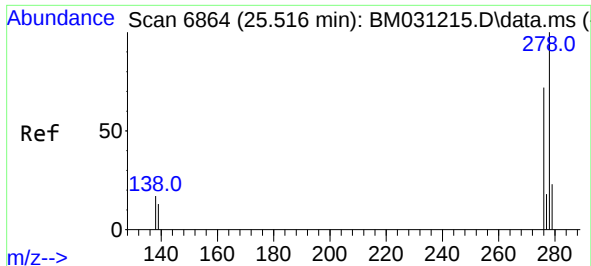
mohammad
7/29/2021 1:45:09 PM



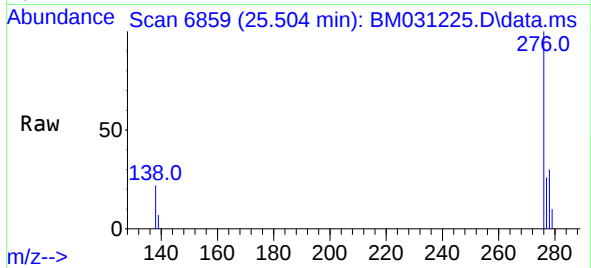
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.878 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28

Tgt Ion:	276	Resp:	26647
Ion Ratio	Lower	Upper	
276	100		
138	19.6	15.8	23.8
227	0.0	0.0	0.0

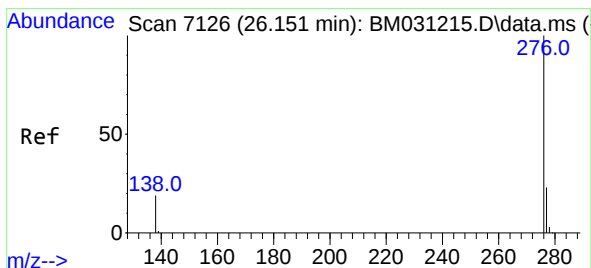
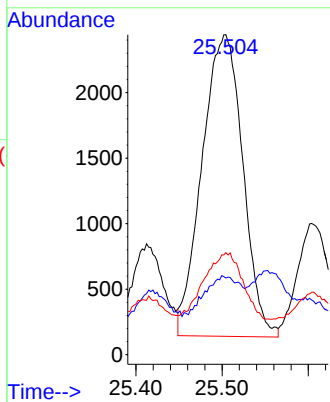
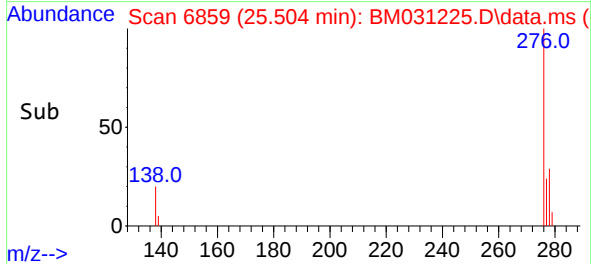




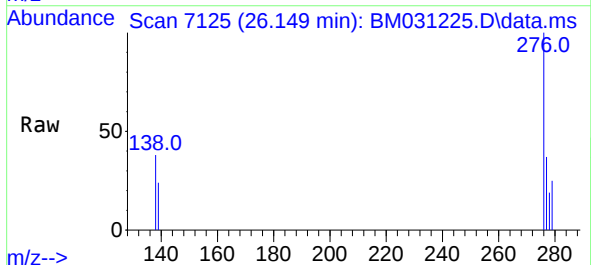
#28
Dibenzo(a,h)anthracene
Concen: 0.309 ng/ul
RT: 25.504 min Scan# 6859
Delta R.T. -0.010 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



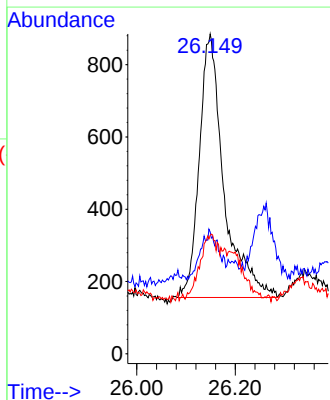
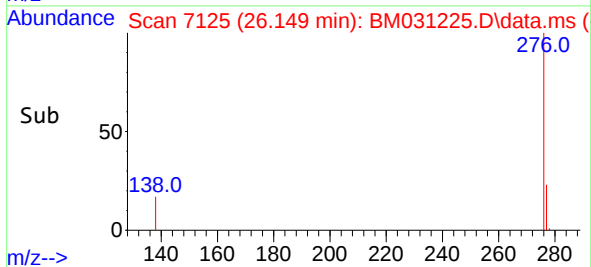
Tgt Ion:278 Resp: 7563
Ion Ratio Lower Upper
278 100
139 24.0 13.3 19.9#
279 31.9 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.149 min Scan# 7125
Delta R.T. 0.000 min
Lab File: BM031225.D
Acq: 28 Jul 2021 23:28



Tgt Ion:276 Resp: 2533
Ion Ratio Lower Upper
276 100
138 38.1 15.4 23.2#
277 37.1 19.9 29.9#



Instrument :
BNA_M
ClientSampled :
C0012

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mohammad
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