

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
 Data File : BM032272.D
 Acq On : 29 Sep 2021 13:35
 Operator : CG/JU
 Sample : M3755-03DL 2X
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH9DL

Manual Integrations
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Quant Time: Sep 29 14:07:20 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM092721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 27 13:37:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7483	0.400	ng/ul	0.00
4) Naphthalene-d8	10.447	136	23041	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.300	164	10185	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.026	188	17938	0.400	ng/ul	0.00
17) Chrysene-d12	21.186	240	13705	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	11903	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.986	96	7910	0.983	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.035	152	1811	0.059	ng/ul	-0.01
18) Fluoranthene-d10	19.046	212	2771	0.074	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.492	128	1971	0.029	ng/ul#	88
7) 2-Methylnaphthalene	12.111	142	1088	0.025	ng/ul	97
8) 1-Methylnaphthalene	12.332	142	903	0.021	ng/ul	98
11) Acenaphthene	14.361	153	2047	0.054	ng/ul	96
12) Fluorene	15.343	166	2695	0.063	ng/ul	98
15) Phenanthrene	17.064	178	33230	0.569	ng/ul	100
16) Anthracene	17.154	178	5581	0.116	ng/ul	95
19) Fluoranthene	19.076	202	53001	0.926	ng/ul	100
20) Pyrene	19.435	202	46694	0.814	ng/ul	100
21) Benzo(a)anthracene	21.172	228	18942	0.391	ng/ul	99
22) Chrysene	21.222	228	18269	0.322	ng/ul	98
24) Benzo(b)fluoranthene	22.707	252	23497m	0.381	ng/ul	
25) Benzo(k)fluoranthene	22.743	252	11303m	0.189	ng/ul	
26) Benzo(a)pyrene	23.254	252	16430	0.354	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	25.490	276	10168	0.171	ng/ul#	88
28) Dibenzo(a,h)anthracene	25.488	278	2820	0.058	ng/ul#	60
29) Benzo(g,h,i)perylene	26.149	276	9829	0.175	ng/ul	96

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

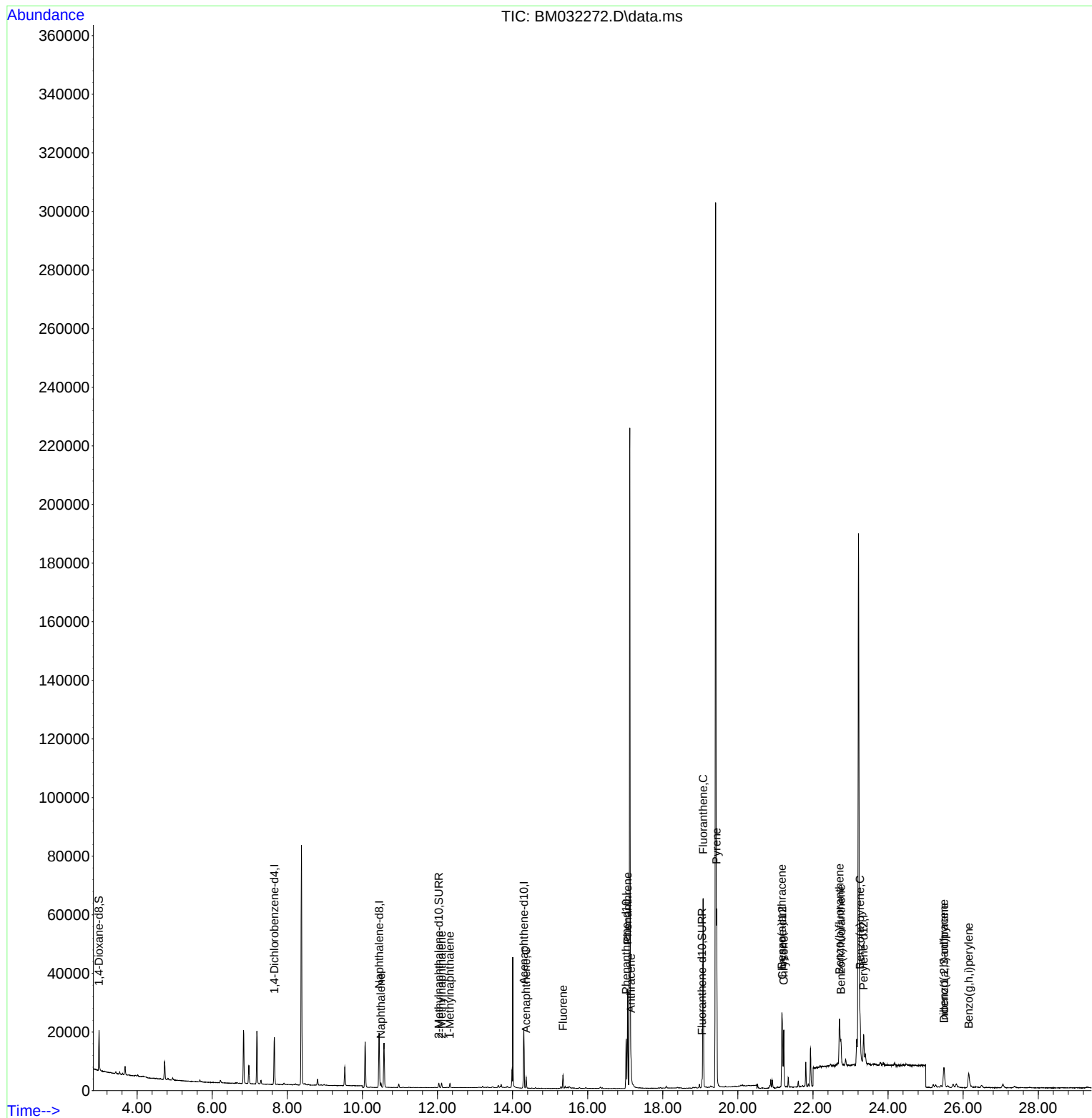
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092721\
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ALS Vial : 77 Sample Multiplier: 1

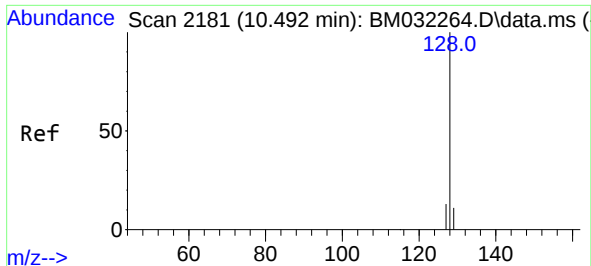
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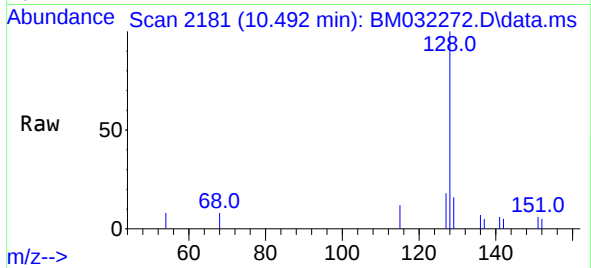
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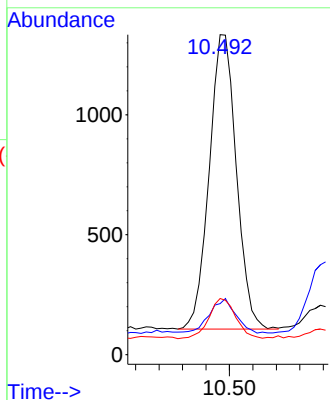
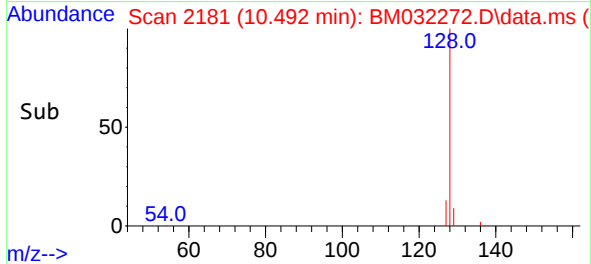




#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.492 min Scan# 2181
Delta R.T. -0.013 min
Lab File: BM032272.D
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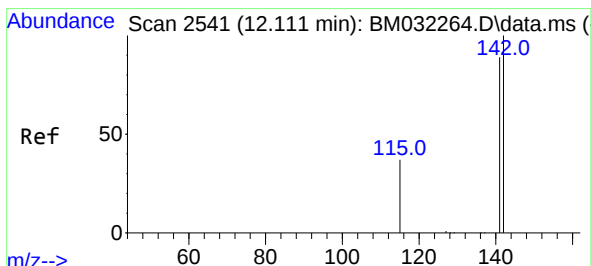
Tgt Ion:128 Resp: 1971
Ion Ratio Lower Upper
128 100
129 16.0 9.0 13.4#
127 17.5 10.5 15.7#



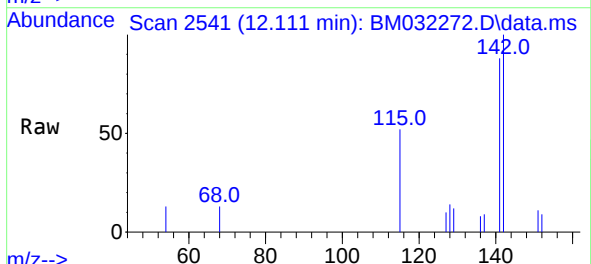
Instrument :
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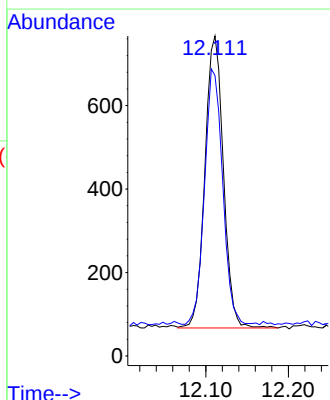
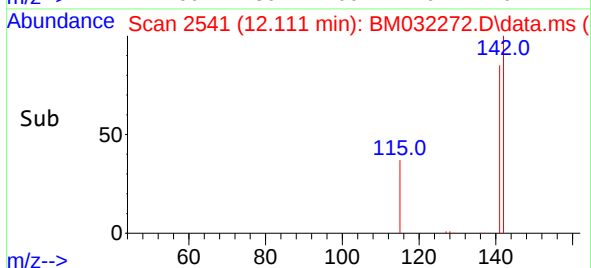
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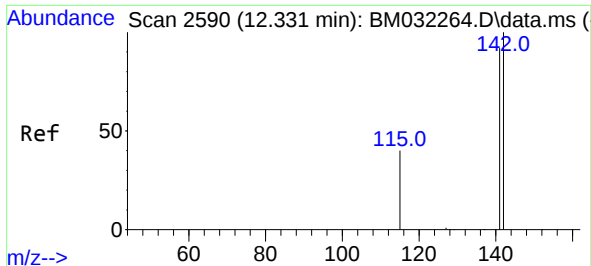


#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.111 min Scan# 2541
Delta R.T. -0.009 min
Lab File: BM032272.D
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Tgt Ion:142 Resp: 1088
Ion Ratio Lower Upper
142 100
141 86.0 71.2 106.8





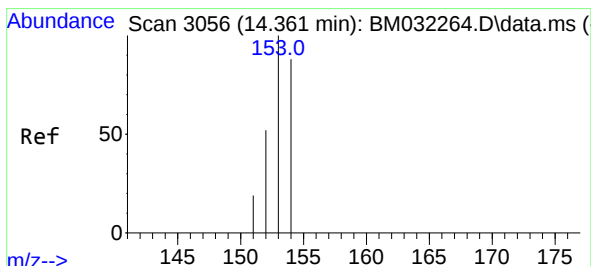
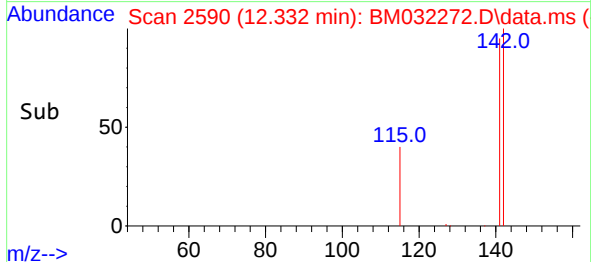
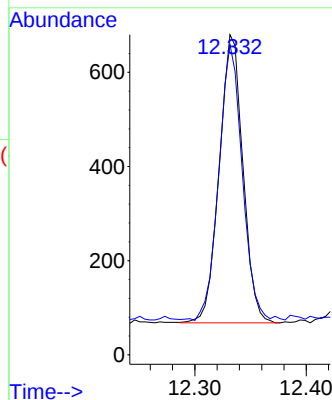
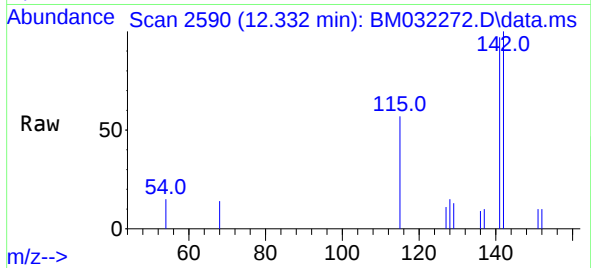
#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.332 min Scan# 2590
Delta R.T. -0.009 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion:142 Resp: 903
Ion Ratio Lower Upper
142 100
141 94.4 73.8 110.6

Instrument :
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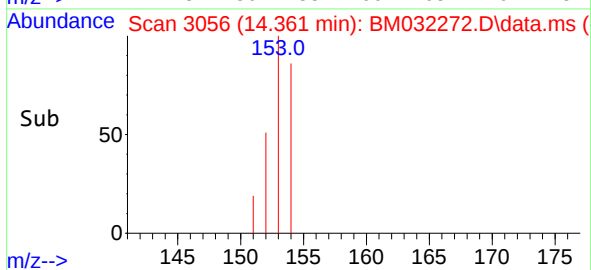
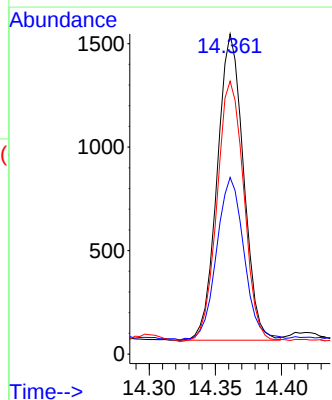
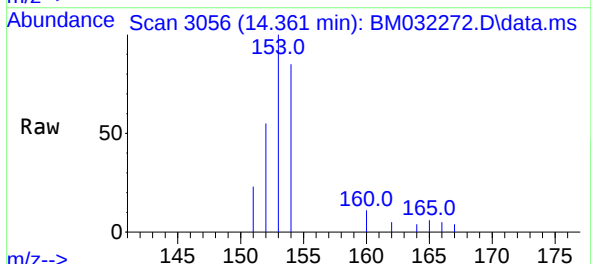
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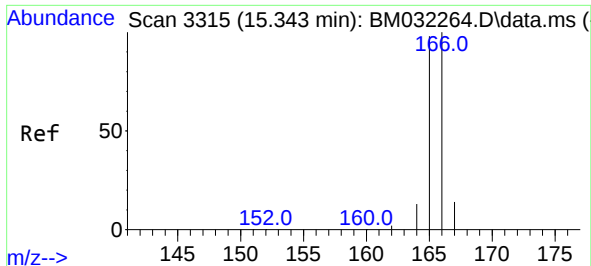
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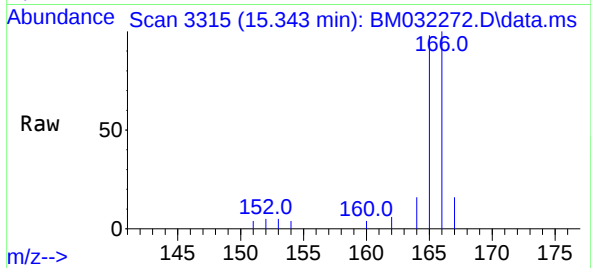
#11
Acenaphthene
Concen: 0.054 ng/ul
RT: 14.361 min Scan# 3056
Delta R.T. -0.008 min
Lab File: BM032272.D
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Tgt Ion:153 Resp: 2047
Ion Ratio Lower Upper
153 100
152 55.1 41.6 62.4
154 85.3 71.2 106.8

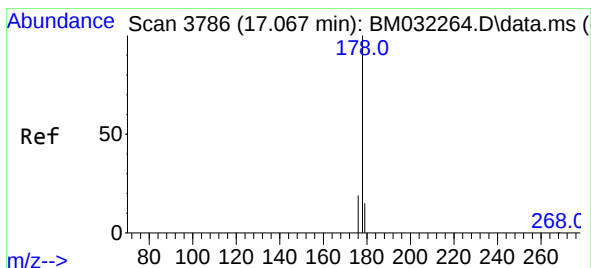
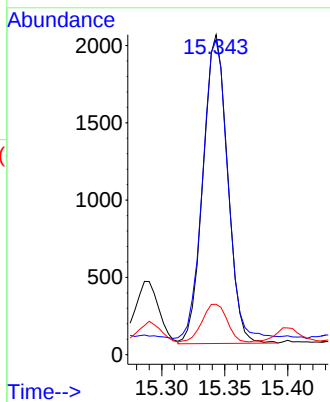
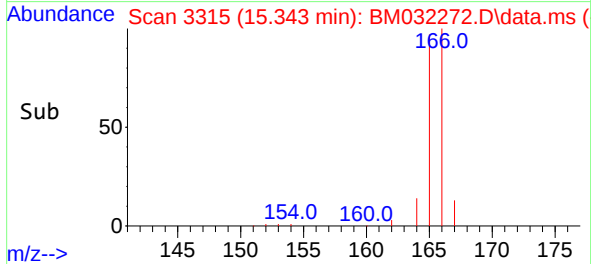




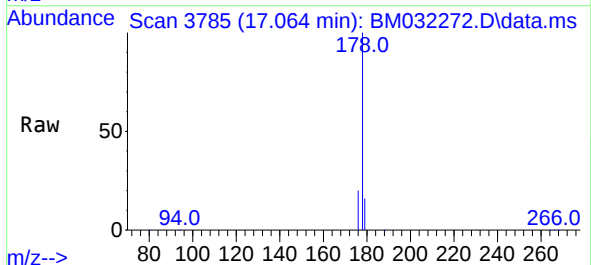
#12
Fluorene
Concen: 0.063 ng/u1
RT: 15.343 min Scan# 3315
Delta R.T. -0.008 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35



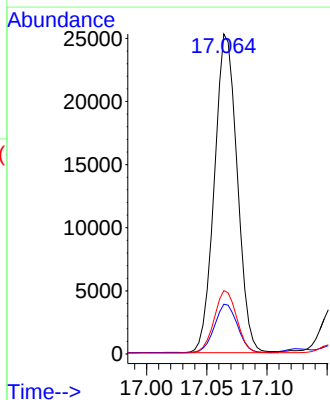
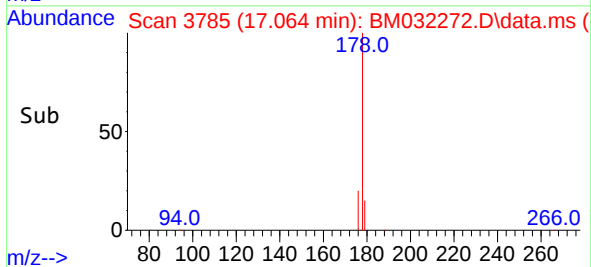
Tgt Ion:	166	Resp:	2695
Ion Ratio	100	Lower	Upper
166	100		
165	98.3	79.4	119.2
167	15.7	10.8	16.2



#15
Phenanthrene
Concen: 0.569 ng/u1
RT: 17.064 min Scan# 3785
Delta R.T. -0.010 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35



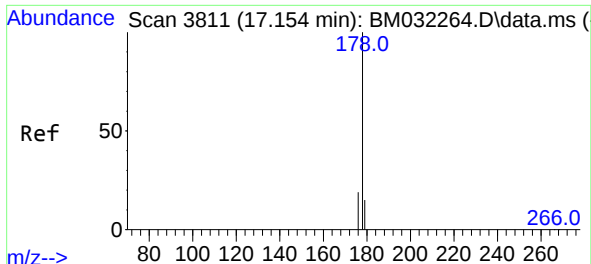
Tgt Ion:	178	Resp:	33230
Ion Ratio	100	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.8	15.8	23.6



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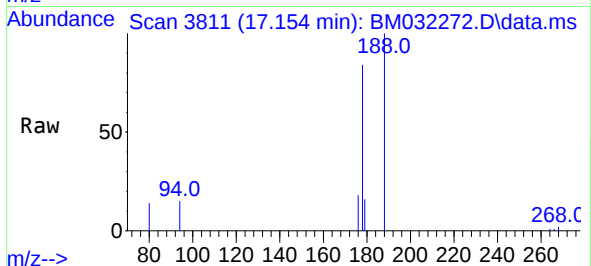
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#16
 Anthracene
 Concen: 0.116 ng/ul
 RT: 17.154 min Scan# 3811
 Delta R.T. -0.010 min
 Lab File: BM032272.D
 Acq: 29 Sep 2021 13:35

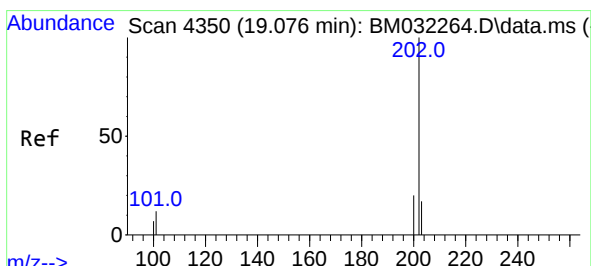
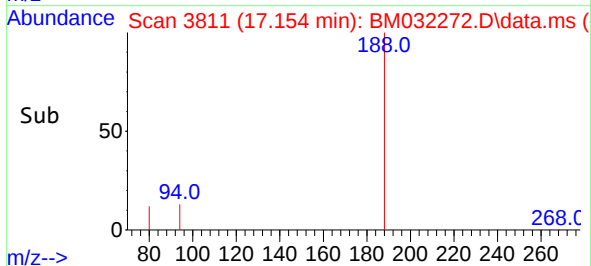
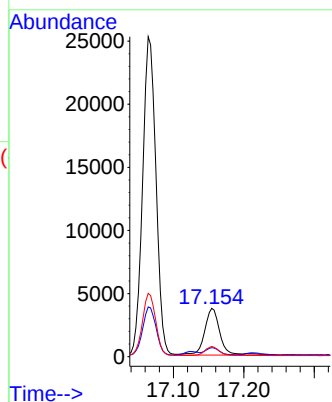
Instrument :
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Tgt Ion:	178	Resp:	5581
Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.7	19.1
176	21.1	15.3	22.9

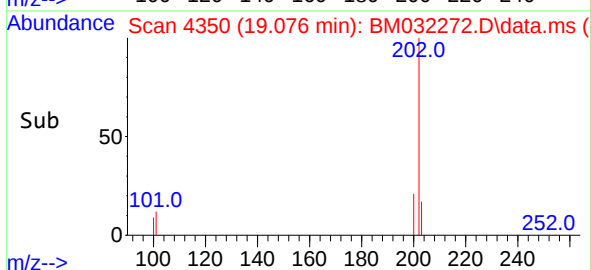
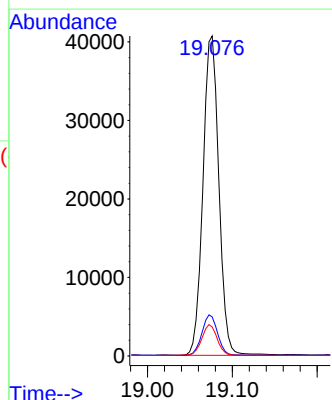
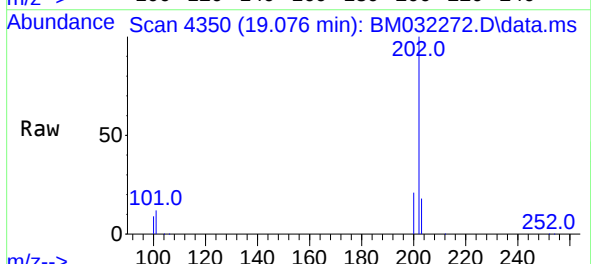
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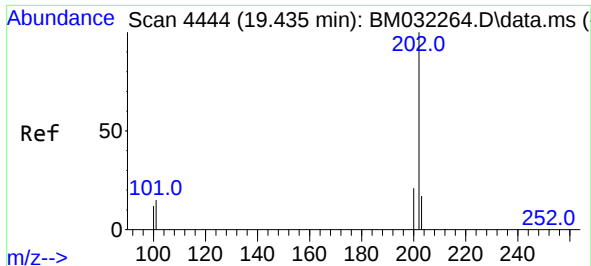
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#19
 Fluoranthene
 Concen: 0.926 ng/ul
 RT: 19.076 min Scan# 4350
 Delta R.T. -0.008 min
 Lab File: BM032272.D
 Acq: 29 Sep 2021 13:35

Tgt Ion:	202	Resp:	53001
Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.0	7.2	10.8





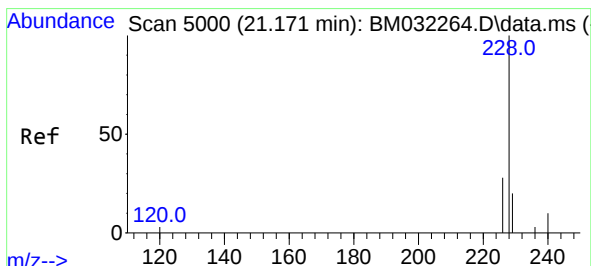
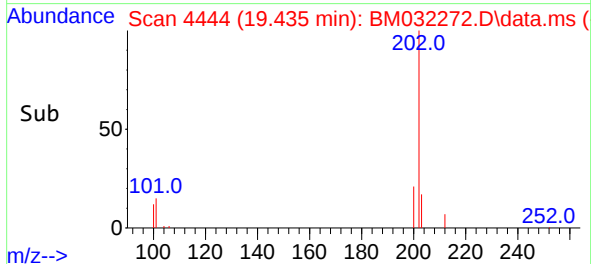
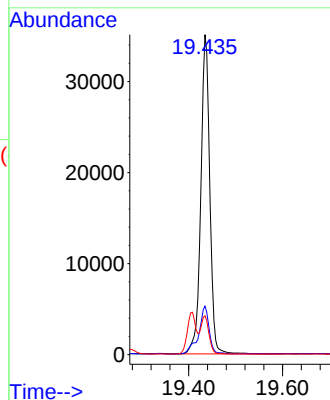
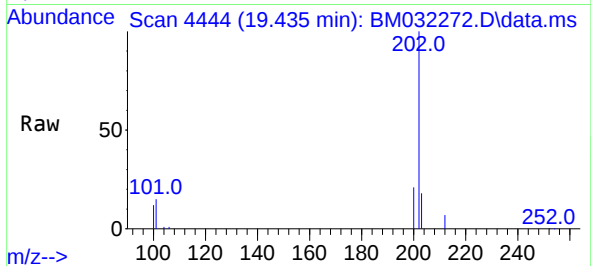
#20
Pyrene
Concen: 0.814 ng/ul
RT: 19.435 min Scan# 4444
Delta R.T. -0.008 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion:	202	Resp:	46694
Ion Ratio	Lower	Upper	
202	100		
101	15.2	12.1	18.1
100	12.2	9.8	14.6

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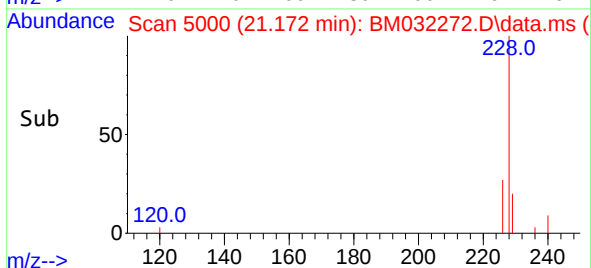
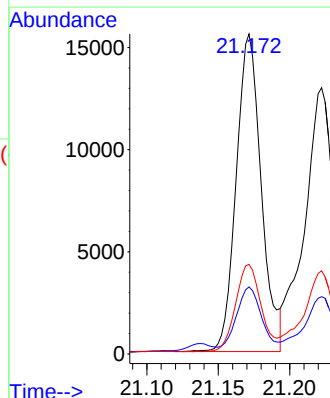
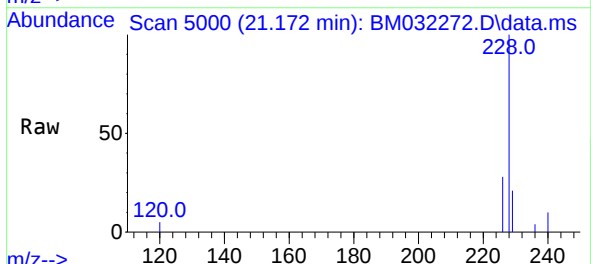
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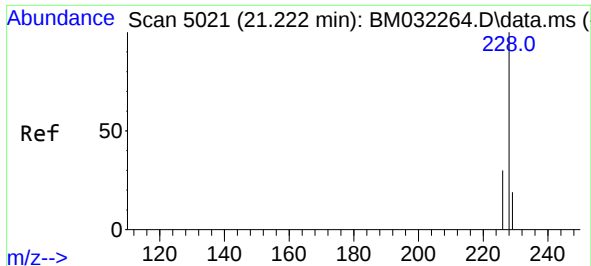
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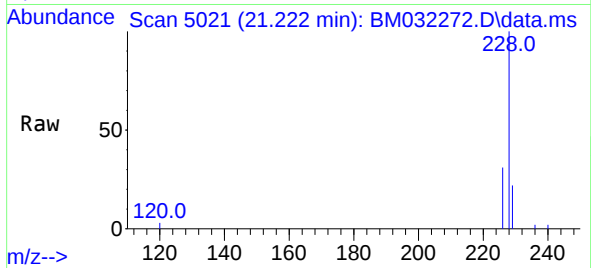
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Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.172 min Scan# 5000
Delta R.T. -0.007 min
Lab File: BM032272.D
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Tgt Ion:	228	Resp:	18942
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.0	24.0
226	28.0	22.3	33.5

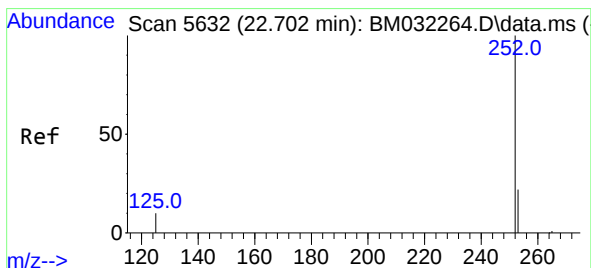
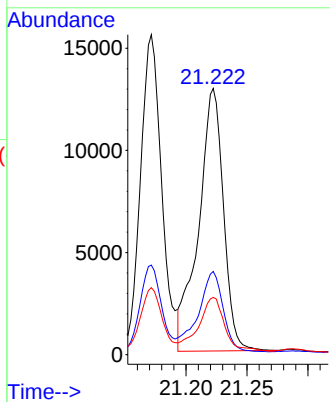
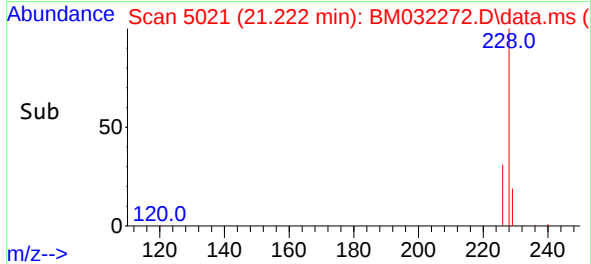




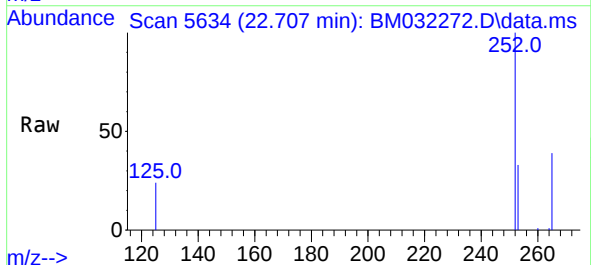
#22
Chrysene
Concen: 0.322 ng/ul
RT: 21.222 min Scan# 5021
Delta R.T. -0.007 min
Lab File: BM032272.D
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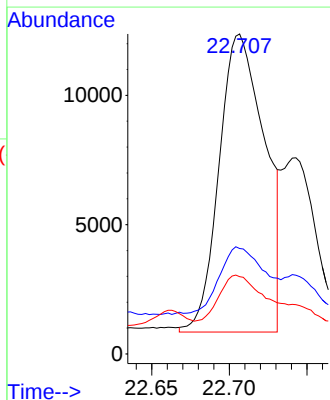
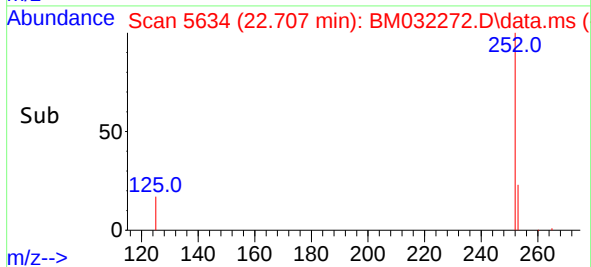
Tgt Ion:	228	Resp:	18269
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.6	37.0
229	21.5	15.6	23.4



#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul m
RT: 22.707 min Scan# 5634
Delta R.T. -0.007 min
Lab File: BM032272.D
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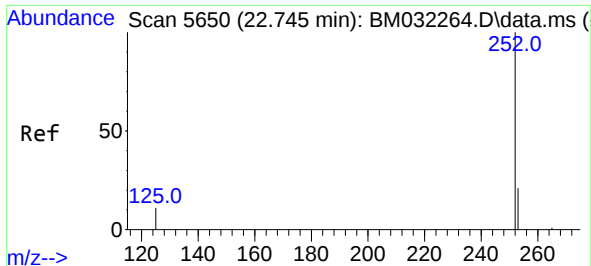
Tgt Ion:	252	Resp:	23497
Ion Ratio	Lower	Upper	
252	100		
253	32.9	0.0	58.0
125	24.1	0.0	31.4



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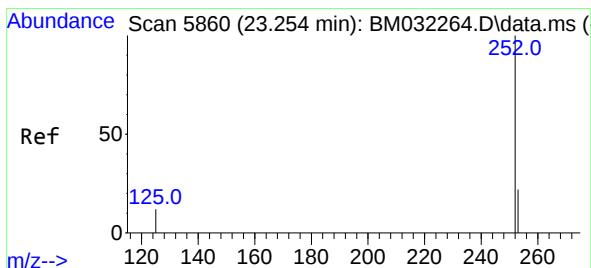
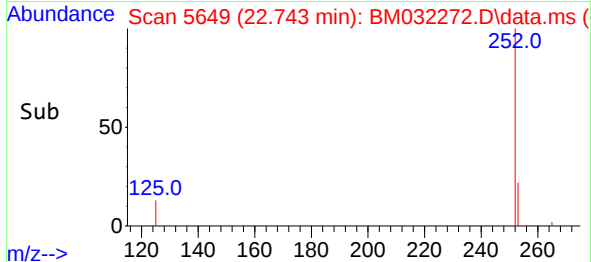
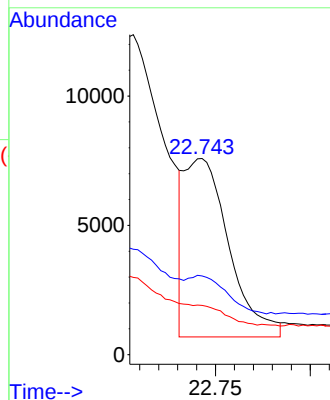
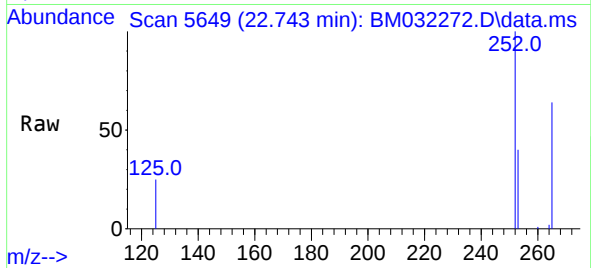
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Benzo(k)fluoranthene
Concen: 0.189 ng/ul m
RT: 22.743 min Scan# 5649
Delta R.T. -0.012 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion:252 Resp: 11303
Ion Ratio Lower Upper
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253 40.2 22.9 34.3#
125 25.2 12.9 19.3#

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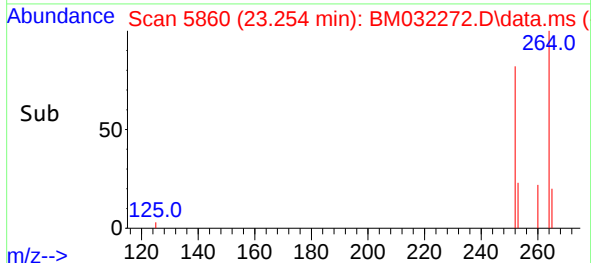
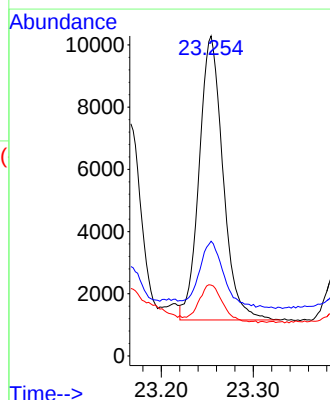
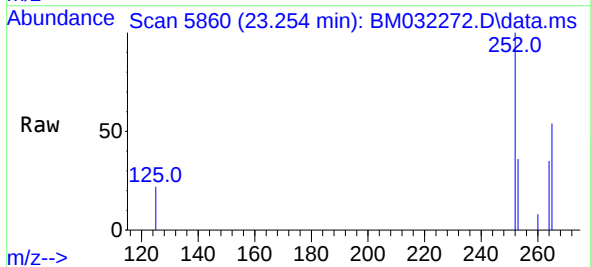
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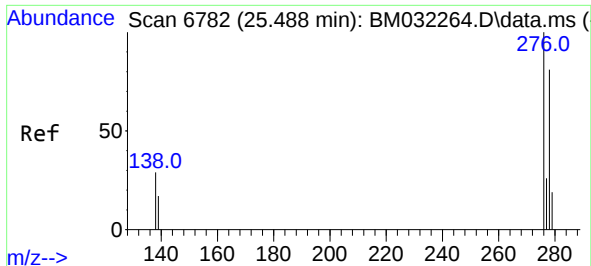
mohammad
9/30/2021 11:29:36 AM



#26
Benzo(a)pyrene
Concen: 0.354 ng/ul
RT: 23.254 min Scan# 5860
Delta R.T. -0.010 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion:252 Resp: 16430
Ion Ratio Lower Upper
252 100
253 35.9 25.8 38.8
125 22.1 15.4 23.2





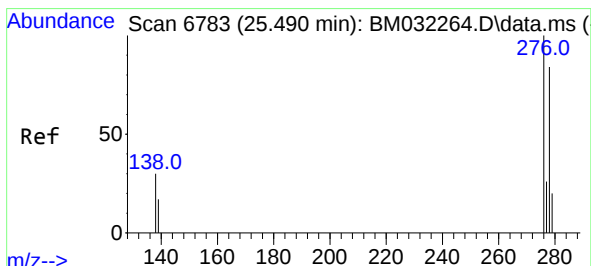
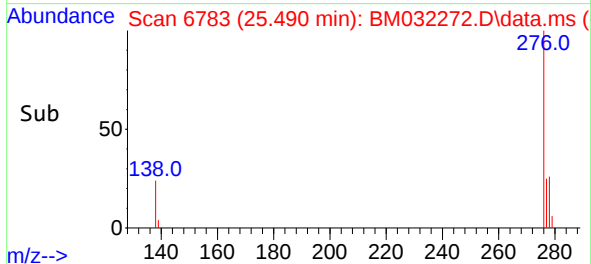
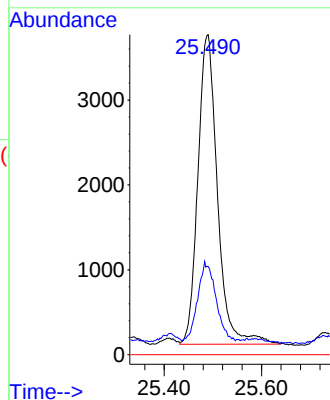
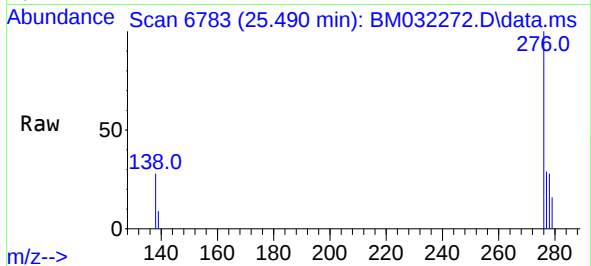
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.171 ng/ul
RT: 25.490 min Scan# 6783
Delta R.T. -0.014 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion: 276 Resp: 10168
Ion Ratio Lower Upper
276 100
138 23.6 24.3 36.5#
227 0.0 0.0 0.0

Instrument :
BNA_M
ClientSampleID :
C0AH9DL

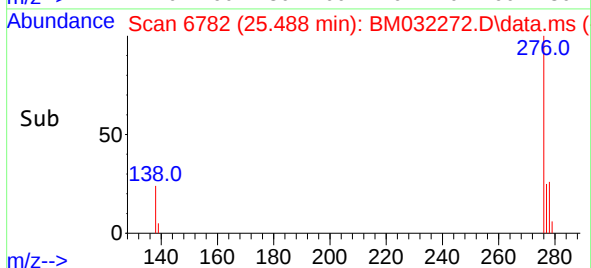
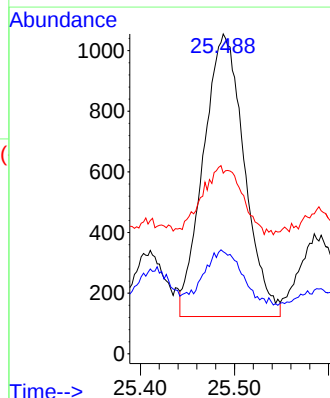
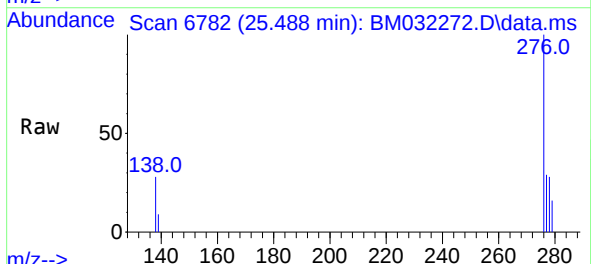
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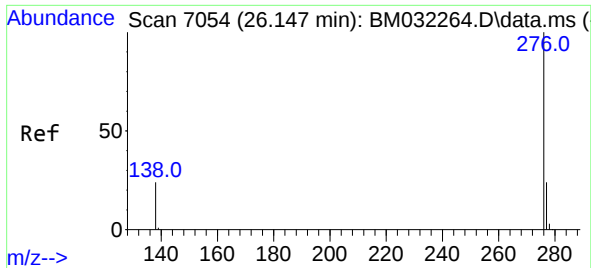
mohammad
9/30/2021 11:29:36 AM



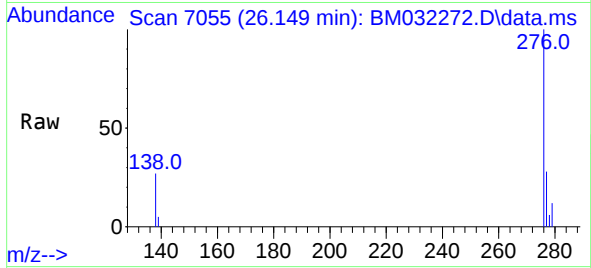
#28
Dibenzo(a,h)anthracene
Concen: 0.058 ng/ul
RT: 25.488 min Scan# 6782
Delta R.T. -0.022 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35

Tgt Ion: 278 Resp: 2820
Ion Ratio Lower Upper
278 100
139 31.9 16.6 24.8#
279 56.5 23.0 34.6#

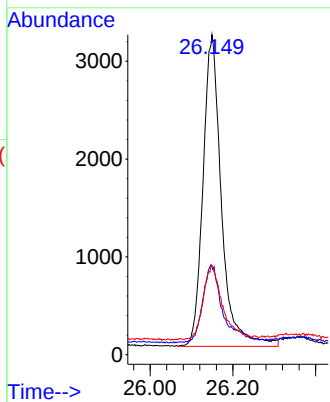
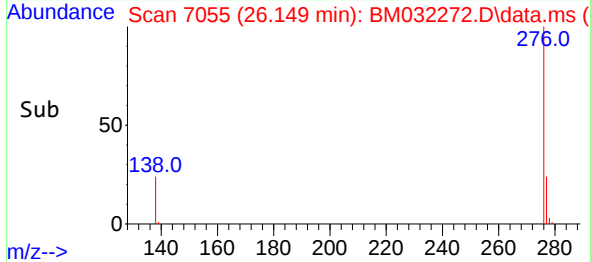




#29
Benzo(g,h,i)perylene
Concen: 0.175 ng/ul
RT: 26.149 min Scan# 7055
Delta R.T. -0.015 min
Lab File: BM032272.D
Acq: 29 Sep 2021 13:35



Tgt Ion:	276	Resp:	9829
Ion	Ratio	Lower	Upper
276	100		
138	27.4	21.0	31.4
277	27.9	19.8	29.8



Instrument :
BNA_M
ClientSampleId :
C0AH9DL

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