

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031257.D
 Acq On : 29 Jul 2021 20:22
 Operator : CG/JU
 Sample : M3082-05DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0005DL

Manual Integrations
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Quant Time: Jul 30 03:41:57 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	7.614	152	1872	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6991	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	4028	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7873	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	6249	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	6116	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	685	0.329	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	282	0.024	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	514	0.025	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.424	128	666	0.032	ng/ul#	76
7) 2-Methylnaphthalene	12.047	142	631	0.044	ng/ul	96
8) 1-Methylnaphthalene	12.268	142	413	0.029	ng/ul	98
10) Acenaphthylene	13.963	152	1684	0.098	ng/ul	93
12) Fluorene	15.297	166	417	0.025	ng/ul#	84
15) Phenanthrene	17.030	178	9758	0.390	ng/ul	99
16) Anthracene	17.124	178	2494	0.107	ng/ul#	94
19) Fluoranthene	19.050	202	34929	1.309	ng/ul	96
20) Pyrene	19.413	202	28502	1.053	ng/ul	95
21) Benzo(a)anthracene	21.164	228	16648	0.660	ng/ul	97
22) Chrysene	21.217	228	17866	0.684	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	24881m	0.903	ng/ul	
25) Benzo(k)fluoranthene	22.740	252	9335m	0.328	ng/ul	
26) Benzo(a)pyrene	23.251	252	10594	0.439	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.490	276	9170	0.294	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.502	278	2843	0.113	ng/ul#	72
29) Benzo(g,h,i)perylene	26.144	276	663	0.025	ng/ul#	34

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

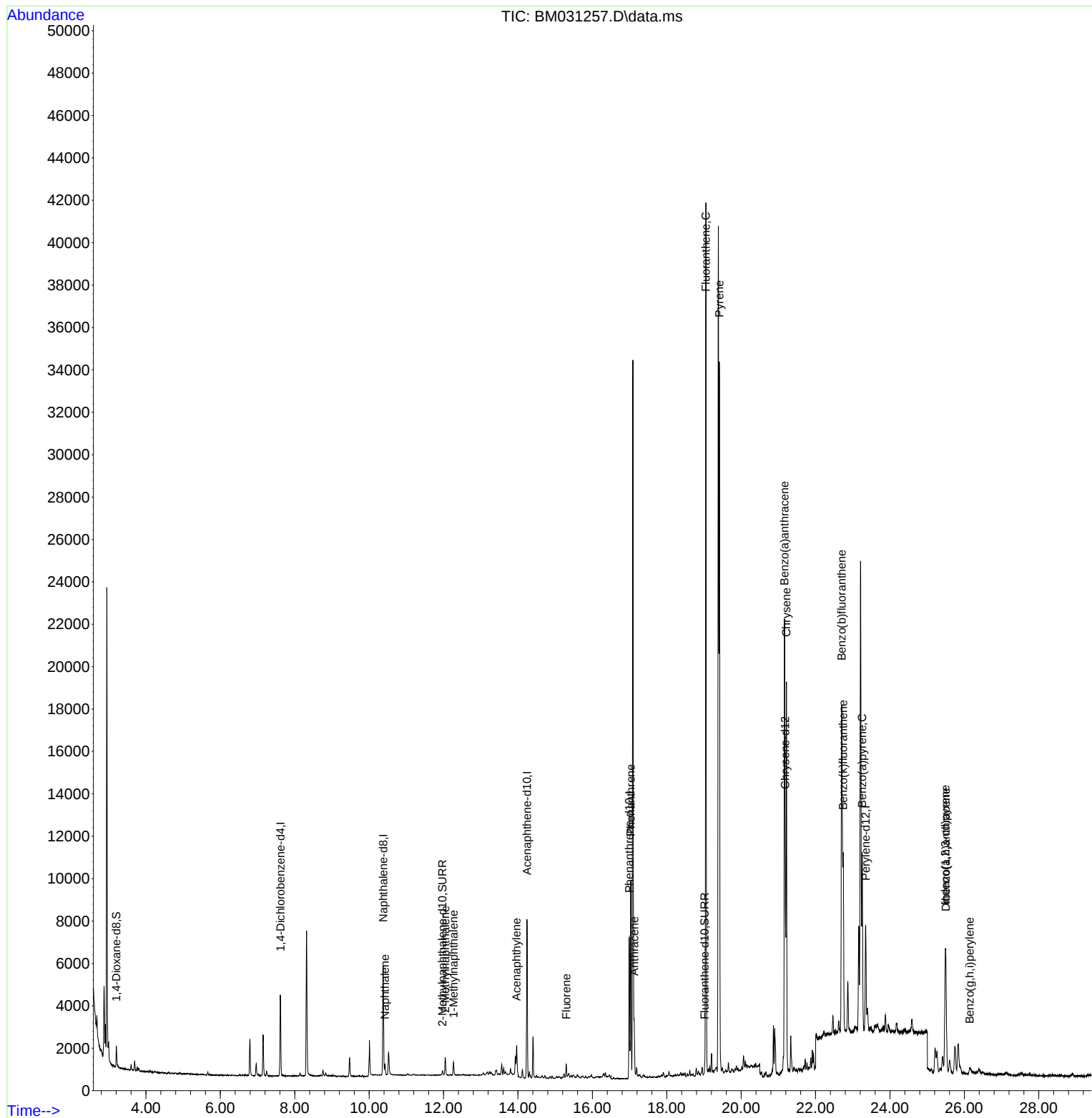
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Data File : BM031257.D
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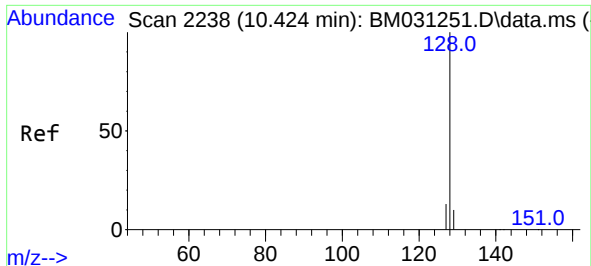
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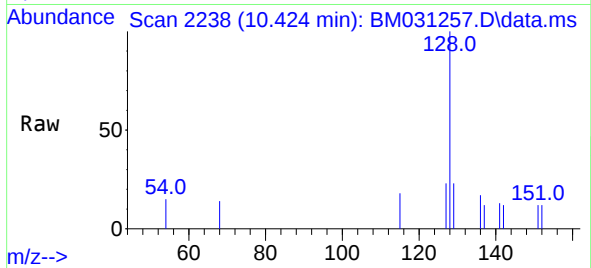
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Quant Time: Jul 30 03:41:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 28 15:20:04 2021
Response via : Initial Calibration

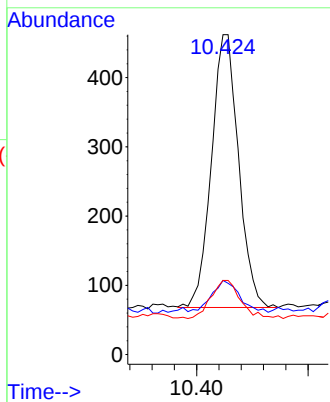
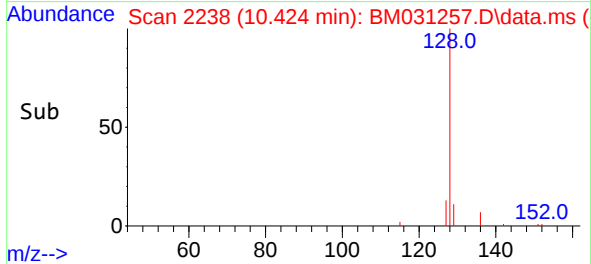




#5
Naphthalene
Concen: 0.032 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. -0.005 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22



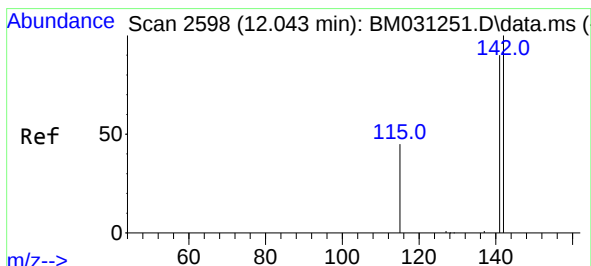
Tgt Ion:128 Resp: 666
Ion Ratio Lower Upper
128 100
129 23.2 10.0 15.0#
127 23.2 11.6 17.4#



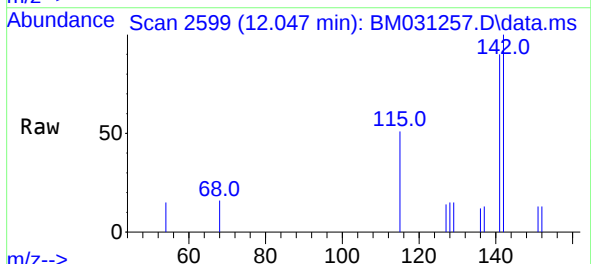
Instrument :
BNA_M
ClientSampled :
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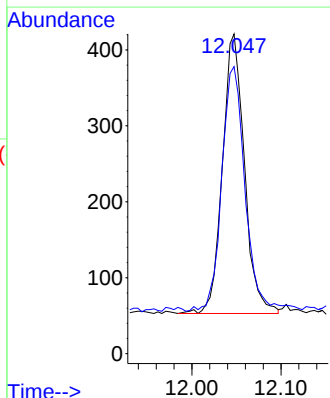
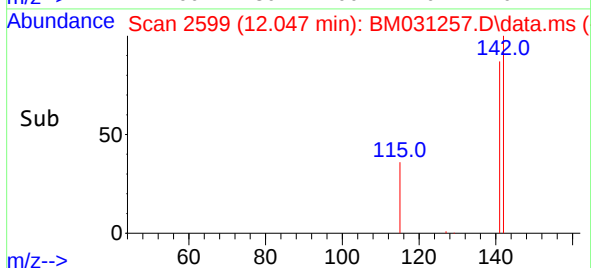
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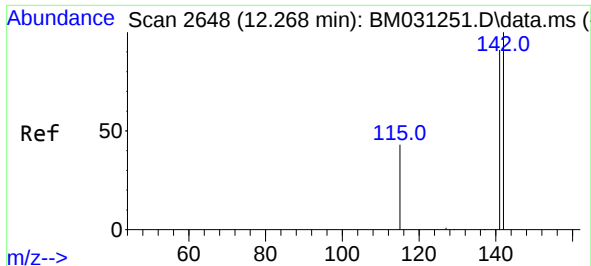


#7
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22



Tgt Ion:142 Resp: 631
Ion Ratio Lower Upper
142 100
141 93.3 71.4 107.0





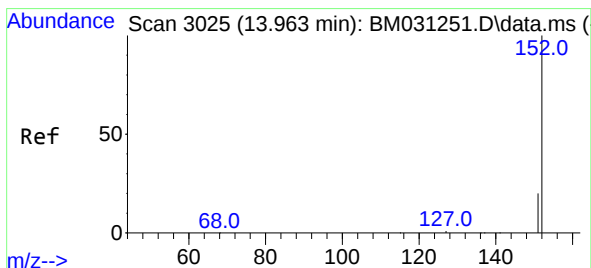
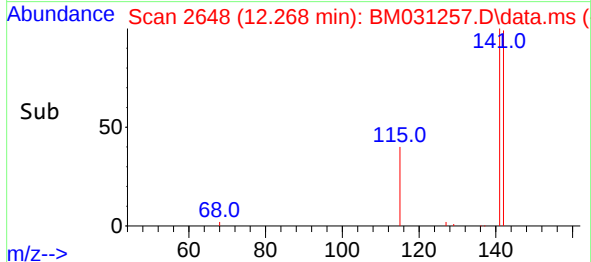
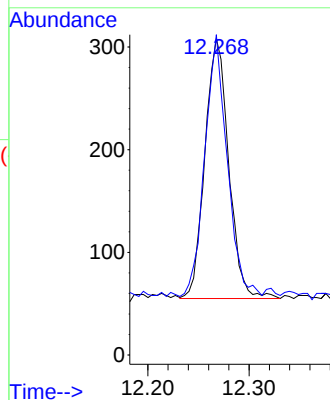
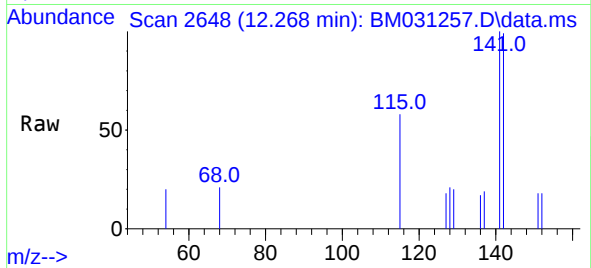
#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:142 Resp: 413
Ion Ratio Lower Upper
142 100
141 94.7 74.1 111.1

Instrument :
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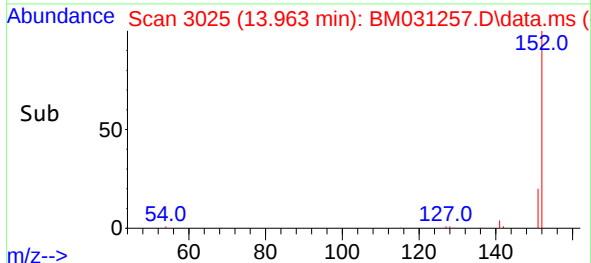
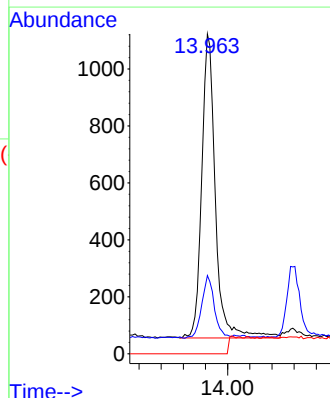
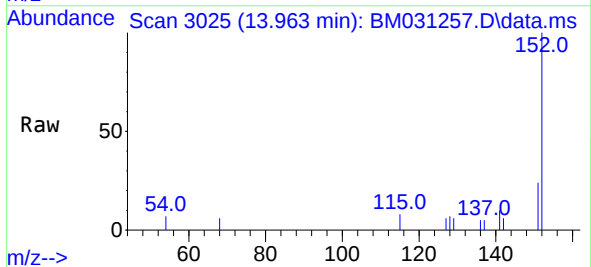
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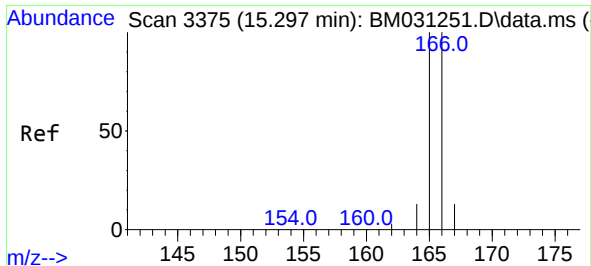
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#10
Acenaphthylene
Concen: 0.098 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. -0.005 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

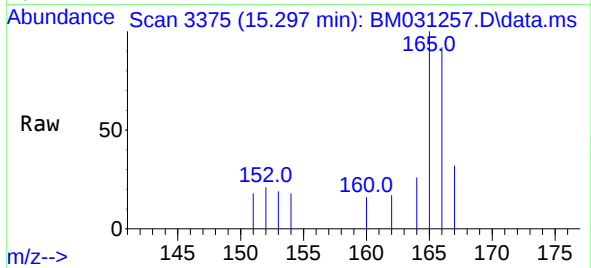
Tgt Ion:152 Resp: 1684
Ion Ratio Lower Upper
152 100
151 24.5 16.9 25.3
153 0.0 0.0 0.0





#12
Fluorene
Concen: 0.025 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. -0.004 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

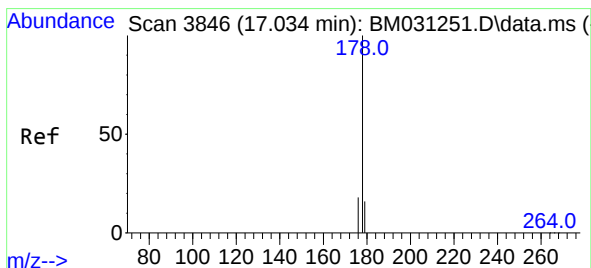
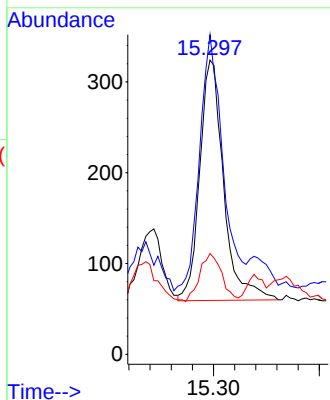
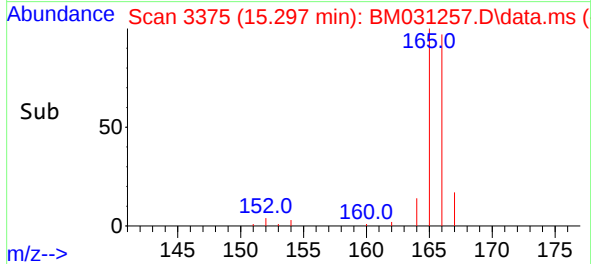
Instrument :
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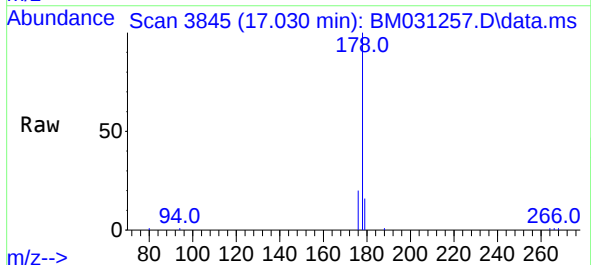
Tgt Ion:166 Resp: 417
Ion Ratio Lower Upper
166 100
165 108.6 78.0 117.0
167 34.3 12.0 18.0#

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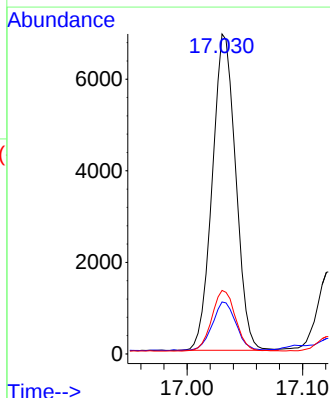
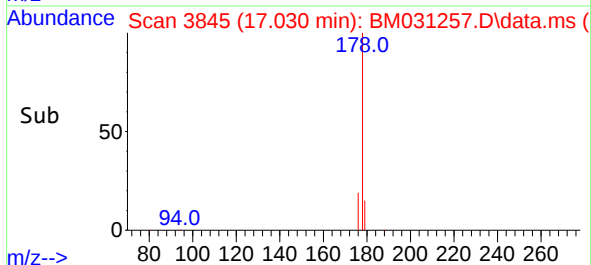
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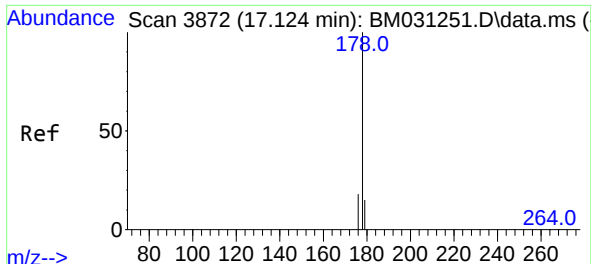


#15
Phenanthrene
Concen: 0.390 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.004 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22



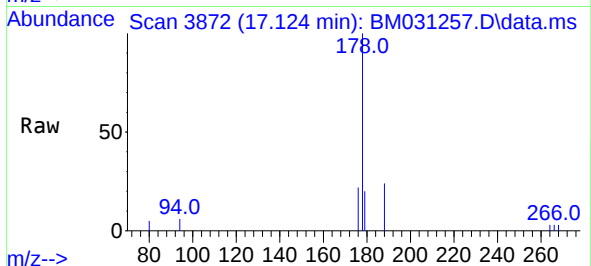
Tgt Ion:178 Resp: 9758
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.8 16.2 24.4





#16
 Anthracene
 Concen: 0.107 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031257.D
 Acq: 29 Jul 2021 20:22

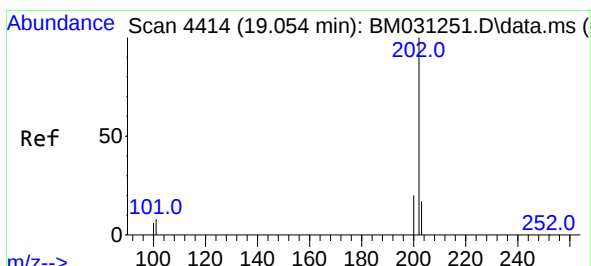
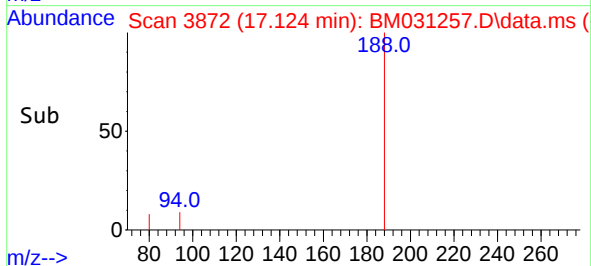
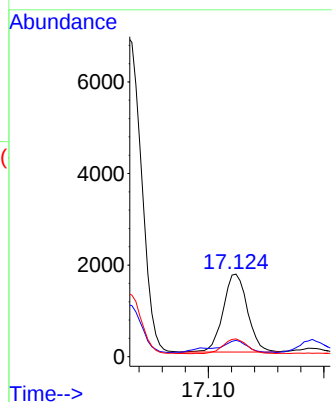
Instrument :
 BNA_M
 ClientSampled :
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Tgt Ion:178 Resp: 2494
 Ion Ratio Lower Upper
 178 100
 179 19.7 13.0 19.6#
 176 21.6 15.6 23.4

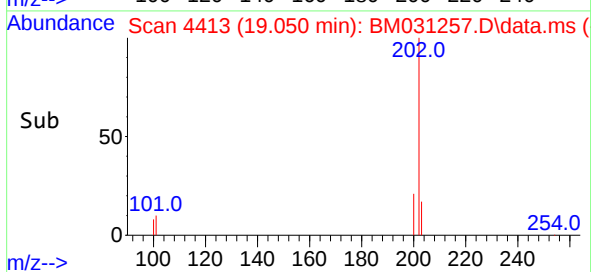
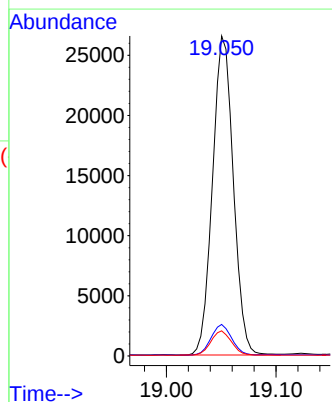
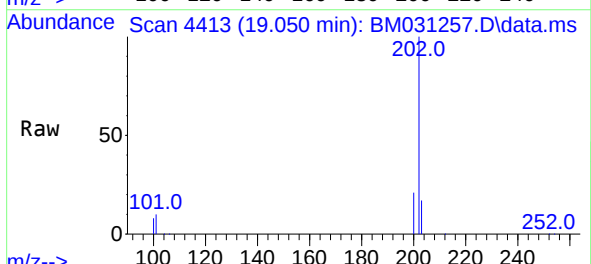
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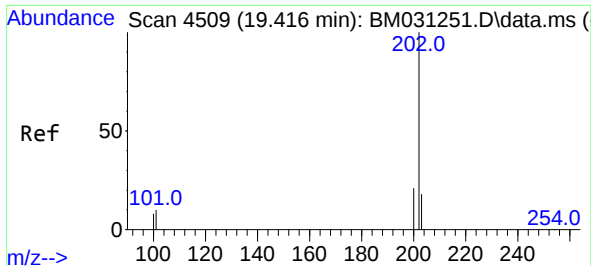
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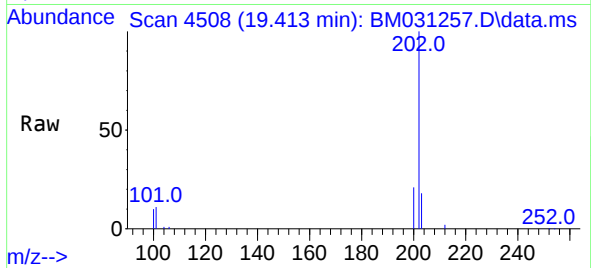
#19
 Fluoranthene
 Concen: 1.309 ng/ul
 RT: 19.050 min Scan# 4413
 Delta R.T. -0.004 min
 Lab File: BM031257.D
 Acq: 29 Jul 2021 20:22

Tgt Ion:202 Resp: 34929
 Ion Ratio Lower Upper
 202 100
 101 9.8 6.6 10.0
 100 7.9 5.4 8.0

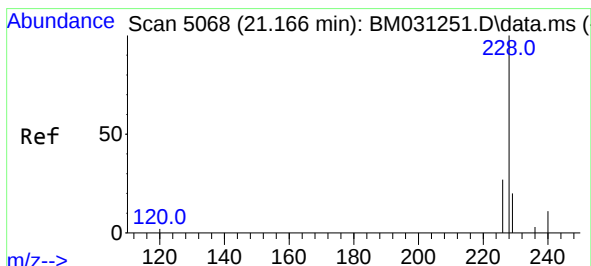
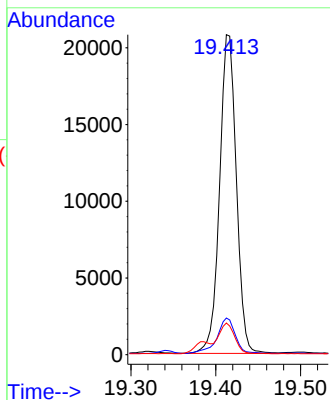
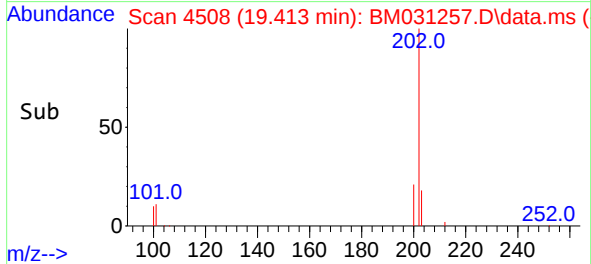




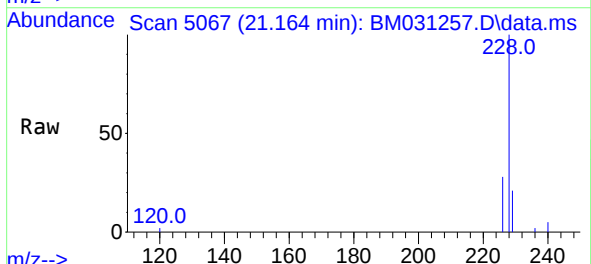
#20
Pyrene
Concen: 1.053 ng/u1
RT: 19.413 min Scan# 4508
Delta R.T. -0.004 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22



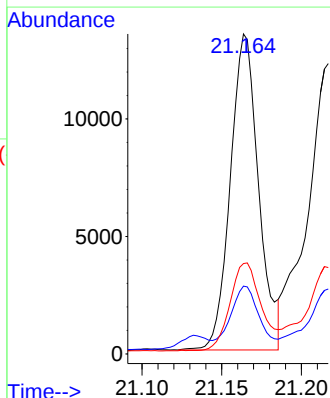
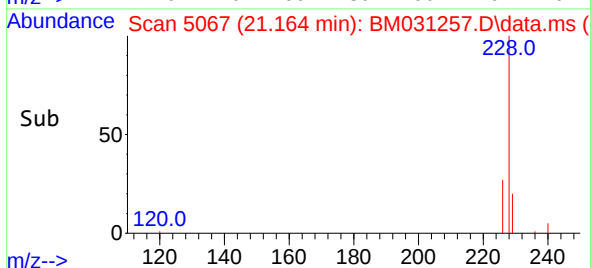
Tgt Ion:202 Resp: 28502
Ion Ratio Lower Upper
202 100
101 11.5 7.8 11.6
100 9.9 6.6 10.0



#21
Benzo(a)anthracene
Concen: 0.660 ng/u1
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22



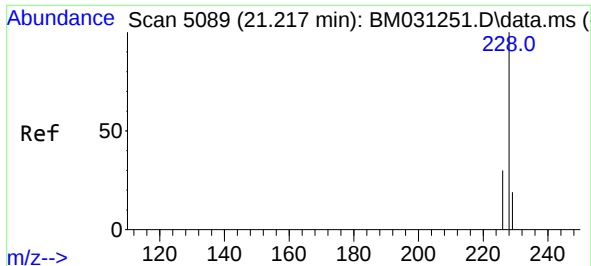
Tgt Ion:228 Resp: 16648
Ion Ratio Lower Upper
228 100
229 21.2 15.6 23.4
226 28.3 21.7 32.5



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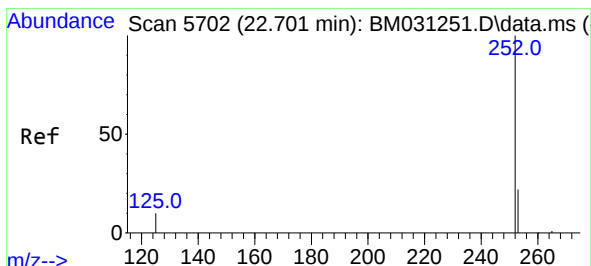
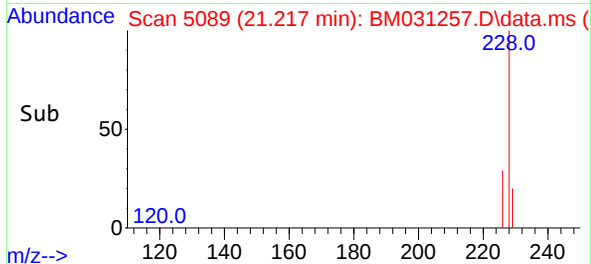
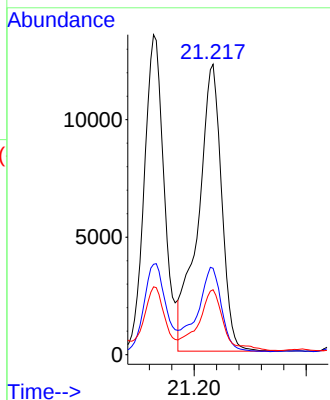
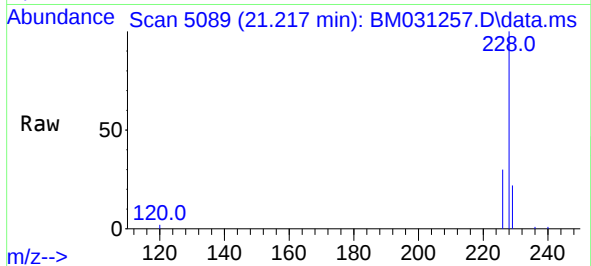
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Chrysene
Concen: 0.684 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. -0.000 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:	228	Resp:	17866
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.7	37.1
229	22.4	16.2	24.2

Instrument :
BNA_M
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C0005DL

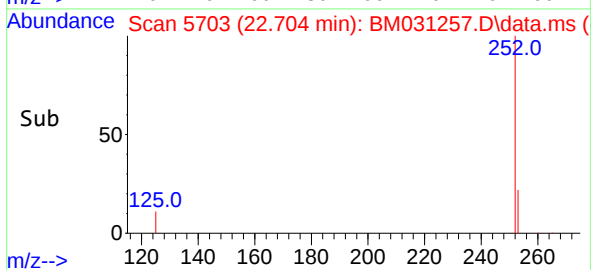
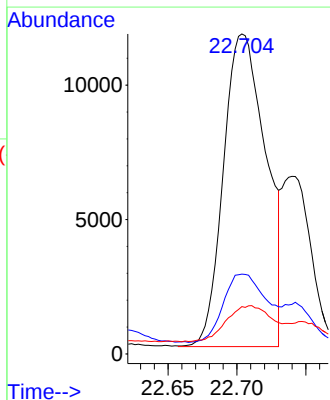
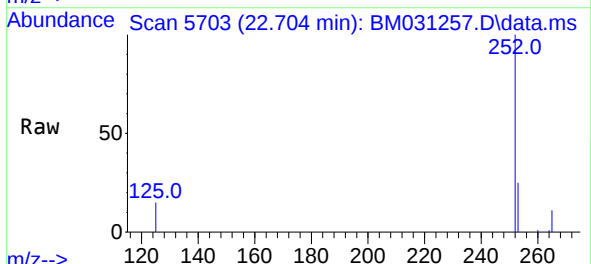
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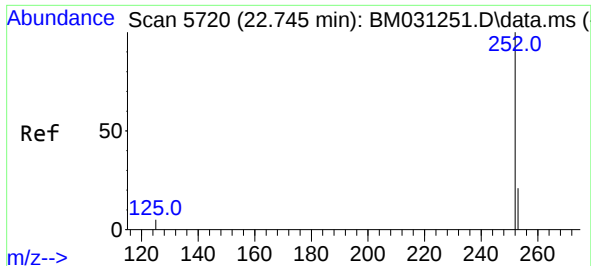
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#24
Benzo(b)fluoranthene
Concen: 0.903 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.002 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:	252	Resp:	24881
Ion Ratio	Lower	Upper	
252	100		
253	25.0	0.0	53.0
125	14.8	0.0	22.8





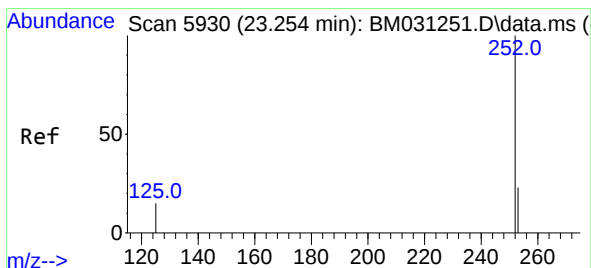
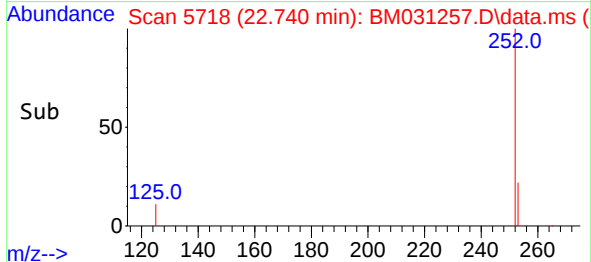
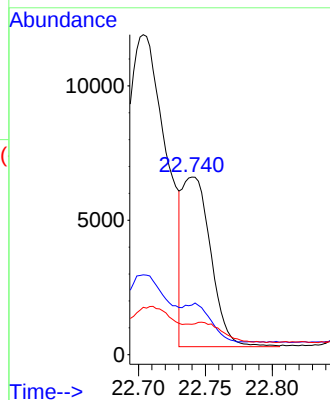
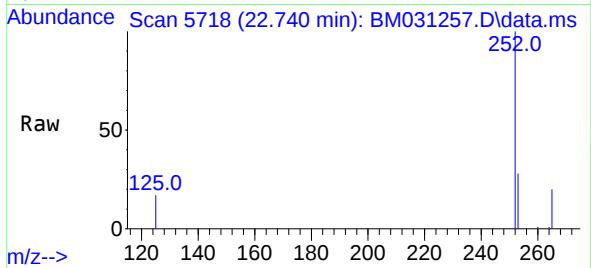
#25
Benzo(k)fluoranthene
Concen: 0.328 ng/ul m
RT: 22.740 min Scan# 5718
Delta R.T. -0.007 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:252	Resp:	9335
Ion Ratio	Lower	Upper
252	100	
253	27.9	21.3 31.9
125	17.1	8.8 13.2#

Instrument :
BNA_M
ClientSampled :
C0005DL

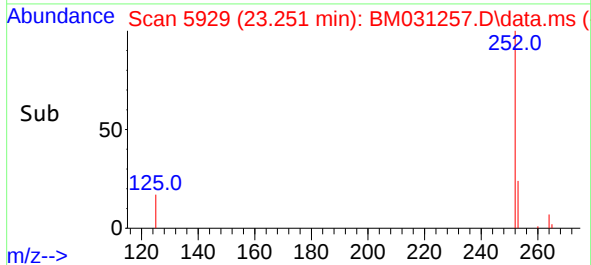
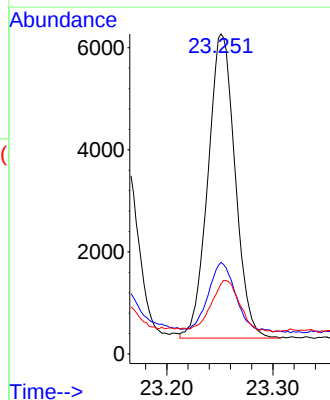
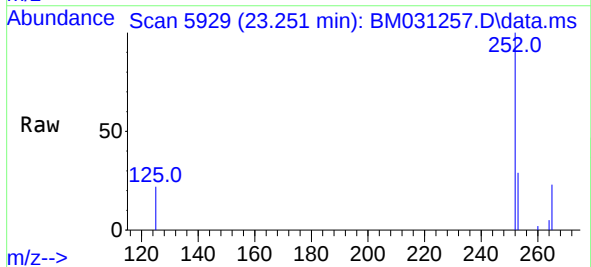
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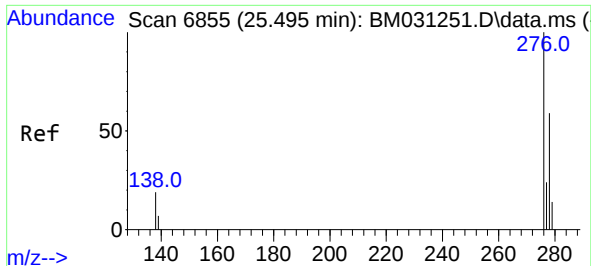
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#26
Benzo(a)pyrene
Concen: 0.439 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. -0.005 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:252	Resp:	10594
Ion Ratio	Lower	Upper
252	100	
253	28.6	22.4 33.6
125	21.9	13.0 19.4#





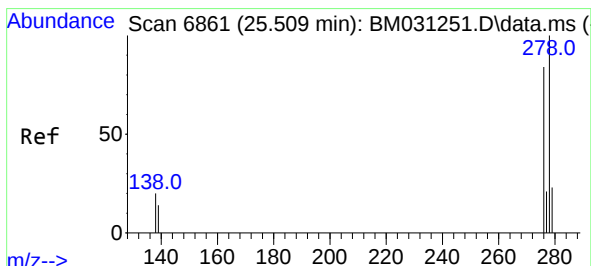
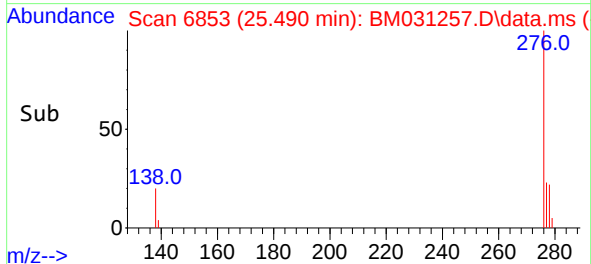
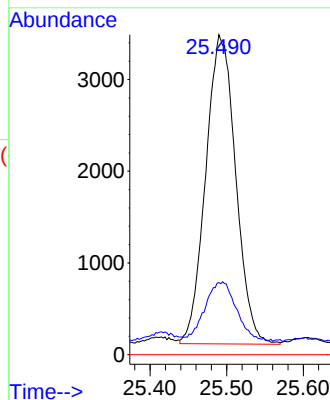
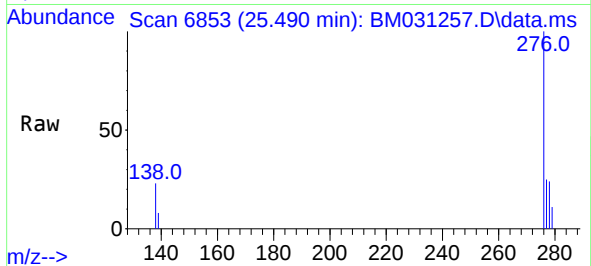
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.294 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:	276	Resp:	9170
Ion Ratio	Lower	Upper	
276	100		
138	20.1	15.8	23.8
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampled :
C0005DL

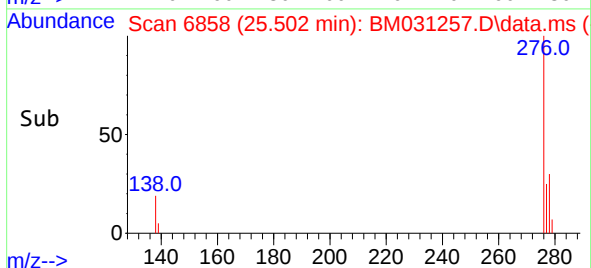
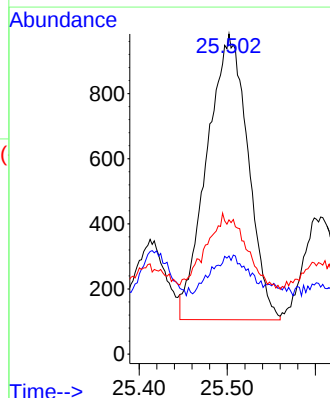
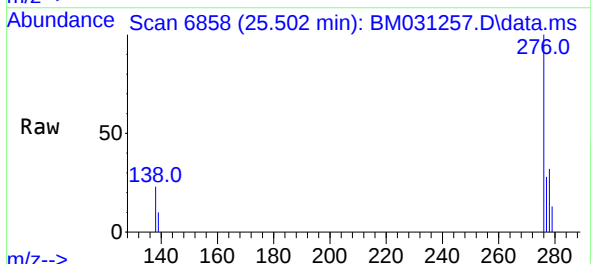
Manual Integrations
APPROVED

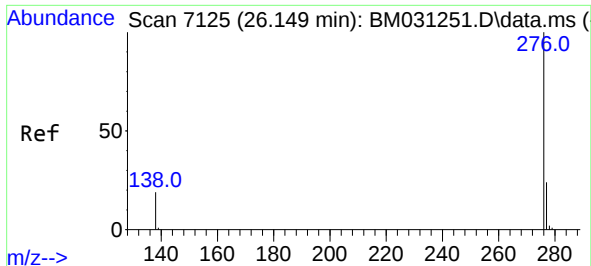
mohammad
7/30/2021 12:02:18 PM



#28
Dibenzo(a,h)anthracene
Concen: 0.113 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.012 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion:	278	Resp:	2843
Ion Ratio	Lower	Upper	
278	100		
139	30.6	13.3	19.9#
279	41.9	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/ul
RT: 26.144 min Scan# 7123
Delta R.T. -0.005 min
Lab File: BM031257.D
Acq: 29 Jul 2021 20:22

Tgt Ion	Ratio	Lower	Upper
276	100		
138	59.3	15.4	23.2#
277	49.0	19.9	29.9#

Instrument :
BNA_M
ClientSampleId :
C0005DL

Manual Integrations
APPROVED

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7/30/2021 12:02:18 PM

