

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031248.D
 Acq On : 29 Jul 2021 14:48
 Operator : CG/JU
 Sample : M3082-20DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0018DL

Manual Integrations
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Quant Time: Jul 29 15:19:36 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 : Thu Jul 29 13:28:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1680	0.400	ng/ul	0.00
4) Naphthalene-d8	10.379	136	6232	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.243	164	3678	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.992	188	7227	0.400	ng/ul	0.00
17) Chrysene-d12	21.181	240	5679	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	5588	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	724	0.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	245	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.024	212	524	0.028	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.428	128	569	0.031	ng/ul#	75
7) 2-Methylnaphthalene	12.047	142	549	0.043	ng/ul	97
8) 1-Methylnaphthalene	12.268	142	364	0.029	ng/ul	98
10) Acenaphthylene	13.963	152	1081	0.069	ng/ul#	91
12) Fluorene	15.297	166	550	0.036	ng/ul#	91
15) Phenanthrene	17.034	178	11885	0.518	ng/ul	98
16) Anthracene	17.124	178	2861	0.133	ng/ul	97
19) Fluoranthene	19.050	202	28568	1.178	ng/ul	97
20) Pyrene	19.416	202	21566	0.877	ng/ul	99
21) Benzo(a)anthracene	21.164	228	11387	0.497	ng/ul	97
22) Chrysene	21.217	228	12237	0.516	ng/ul	97
24) Benzo(b)fluoranthene	22.704	252	16096m	0.639	ng/ul	
25) Benzo(k)fluoranthene	22.742	252	6470m	0.249	ng/ul	
26) Benzo(a)pyrene	23.254	252	7946	0.360	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.490	276	6685	0.235	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.500	278	1940	0.084	ng/ul#	60
29) Benzo(g,h,i)perylene	26.146	276	631	0.026	ng/ul#	39

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

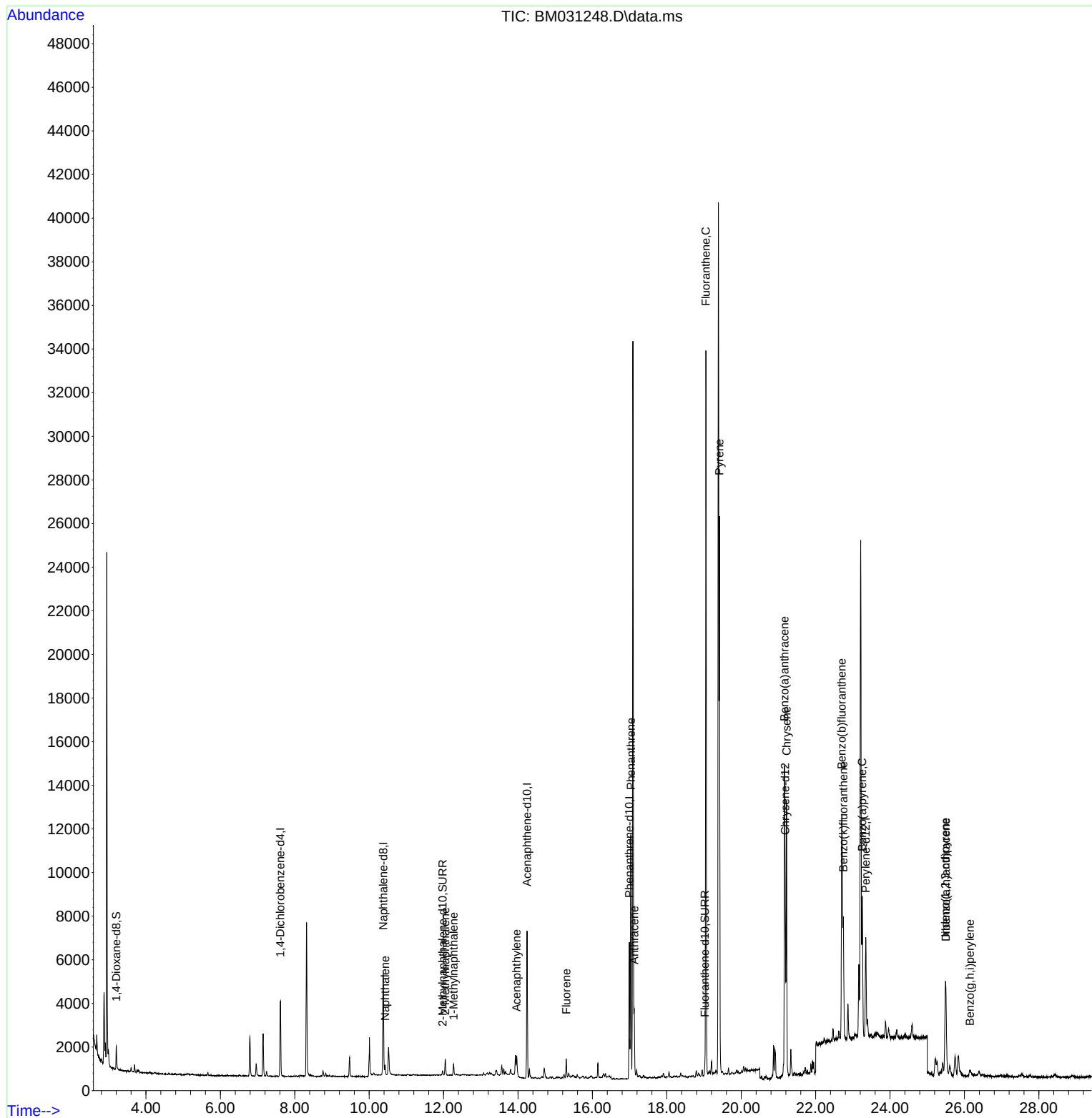
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Data File : BM031248.D
Acq On : 29 Jul 2021 14:48
Operator : CG/JU
Sample : M3082-20DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

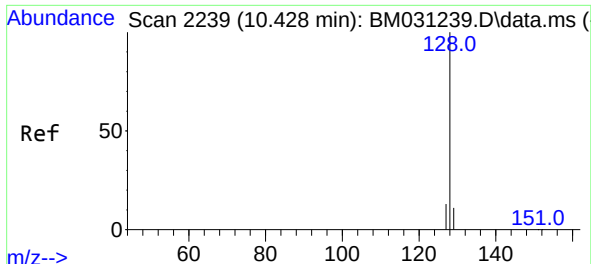
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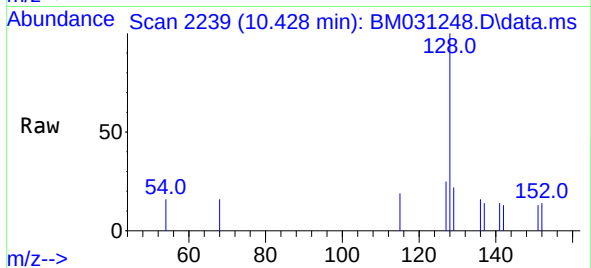
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Quant Time: Jul 29 15:19:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 13:28:21 2021
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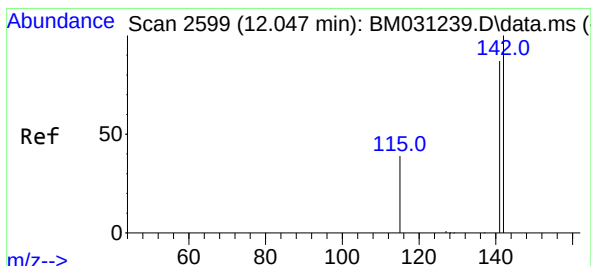
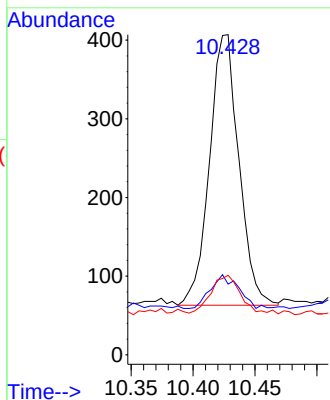
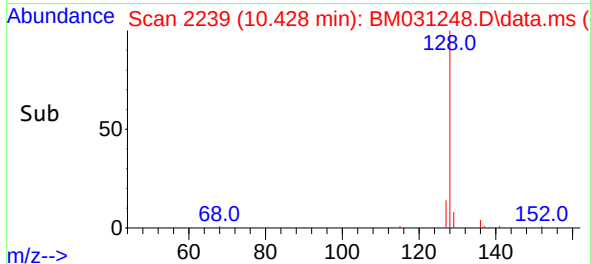


#5
Naphthalene
Concen: 0.031 ng/ul
RT: 10.428 min Scan# 2239
Delta R.T. -0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

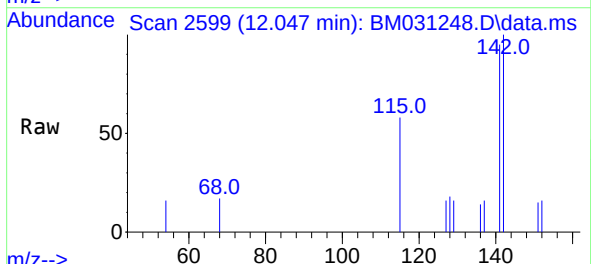


Tgt Ion:128 Resp: 569

Ion	Ratio	Lower	Upper
128	100		
129	22.1	10.0	15.0#
127	24.8	11.6	17.4#

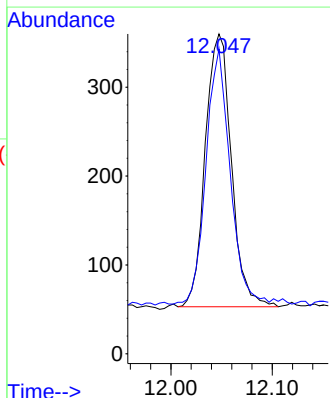
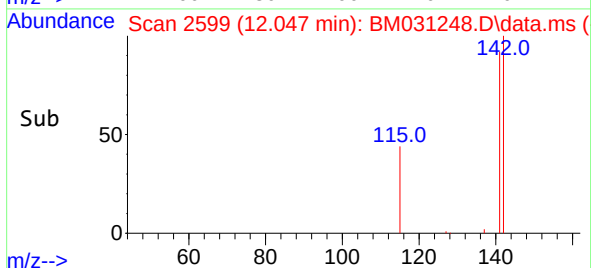


#7
2-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.047 min Scan# 2599
Delta R.T. -0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



Tgt Ion:142 Resp: 549

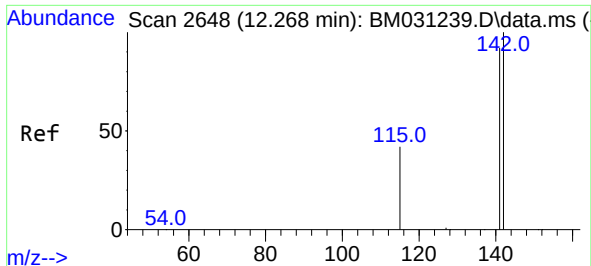
Ion	Ratio	Lower	Upper
142	100		
141	86.0	71.4	107.0



Instrument :
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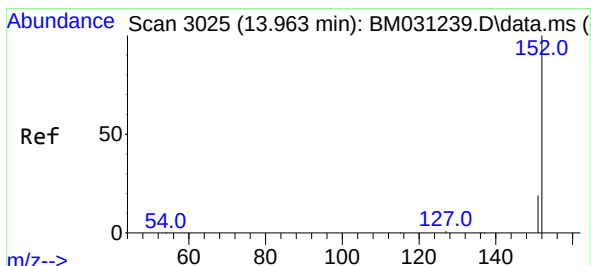
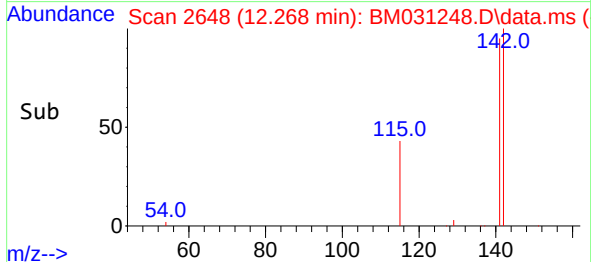
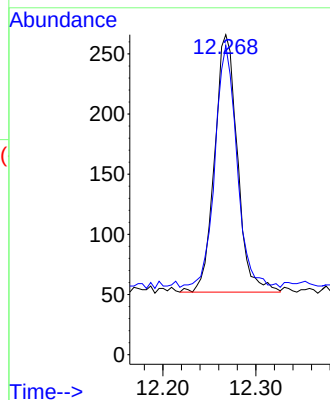
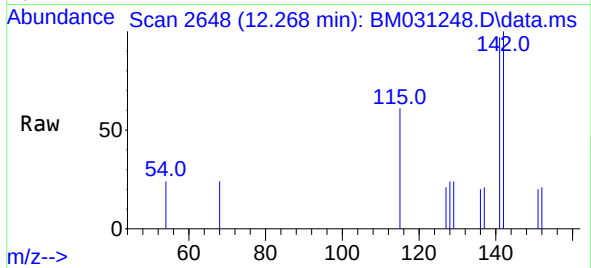
#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.268 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:142 Resp: 364
Ion Ratio Lower Upper
142 100
141 90.4 74.1 111.1

Instrument :
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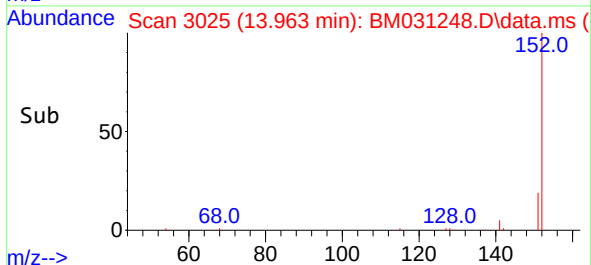
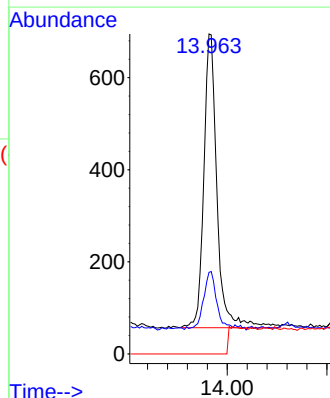
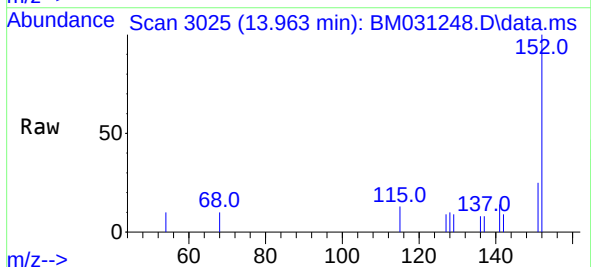
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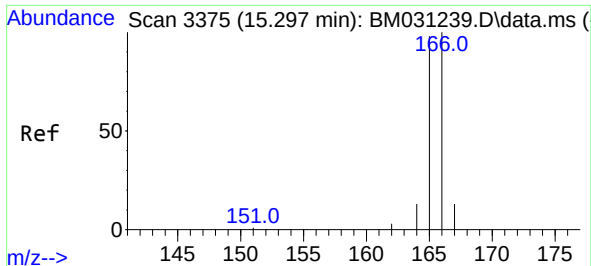
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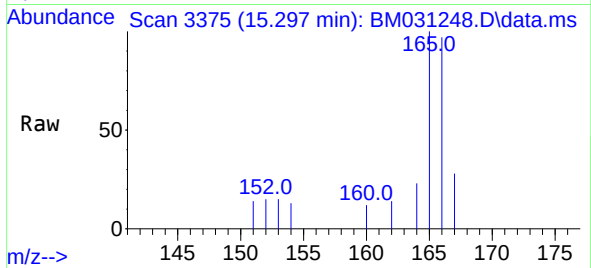
#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 13.963 min Scan# 3025
Delta R.T. 0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:152 Resp: 1081
Ion Ratio Lower Upper
152 100
151 25.5 16.9 25.3#
153 0.0 0.0 0.0

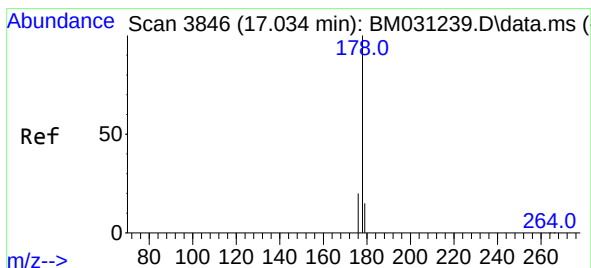
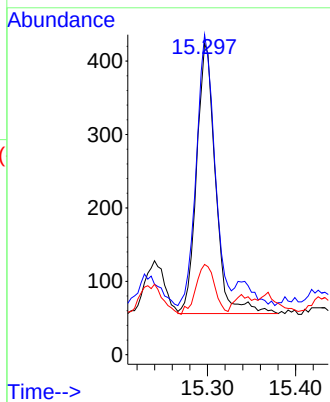
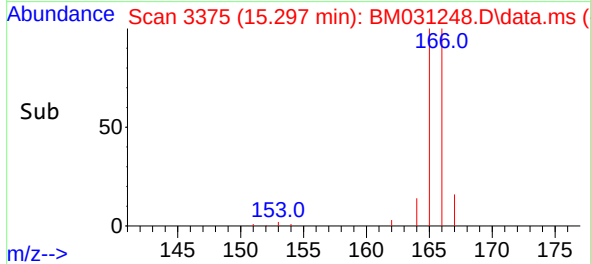




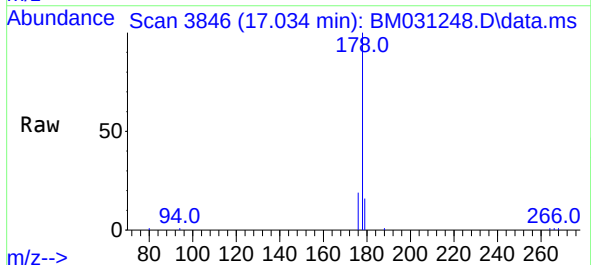
#12
Fluorene
Concen: 0.036 ng/ul
RT: 15.297 min Scan# 3375
Delta R.T. 0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



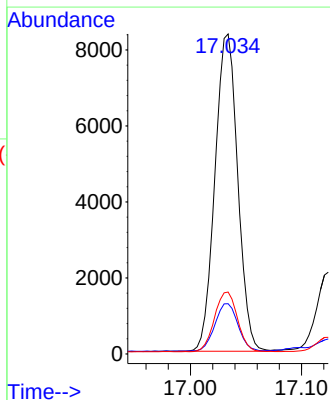
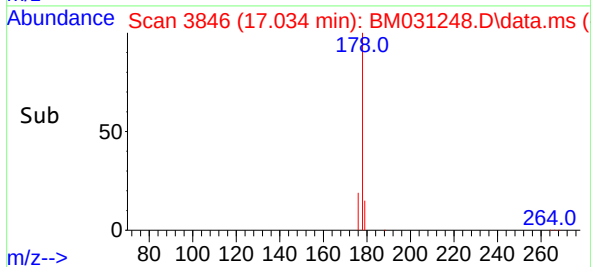
Tgt Ion:166 Resp: 550
Ion Ratio Lower Upper
166 100
165 102.8 78.0 117.0
167 29.0 12.0 18.0#



#15
Phenanthrene
Concen: 0.518 ng/ul
RT: 17.034 min Scan# 3846
Delta R.T. 0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



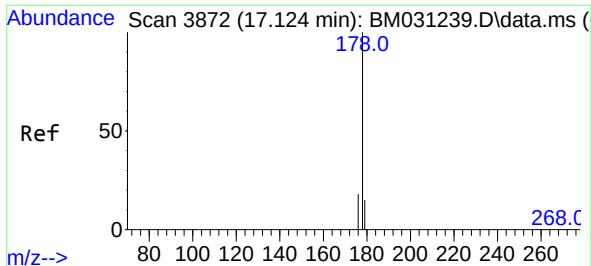
Tgt Ion:178 Resp: 11885
Ion Ratio Lower Upper
178 100
179 15.7 13.3 19.9
176 19.4 16.2 24.4



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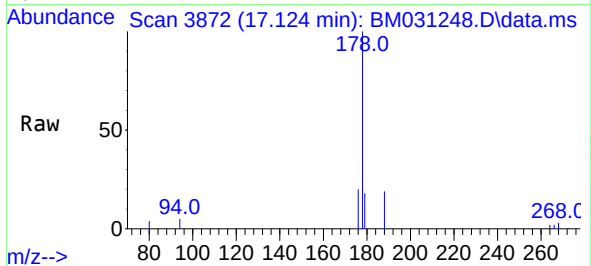
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#16
 Anthracene
 Concen: 0.133 ng/ul
 RT: 17.124 min Scan# 3872
 Delta R.T. -0.000 min
 Lab File: BM031248.D
 Acq: 29 Jul 2021 14:48

Instrument :
 BNA_M
 ClientSampled :
 C0018DL

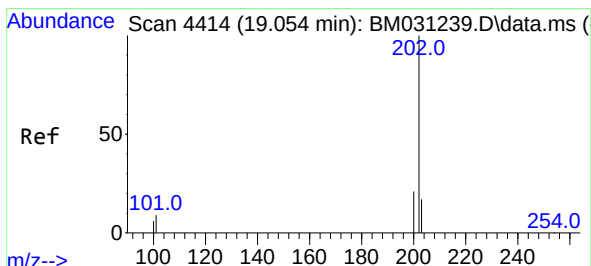
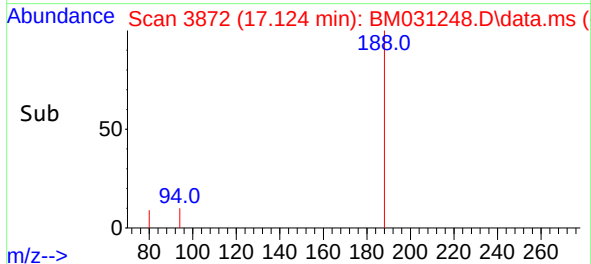
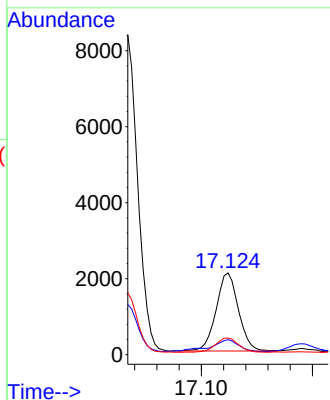


Tgt Ion:178 Resp: 2861

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.6
176	20.3	15.6	23.4

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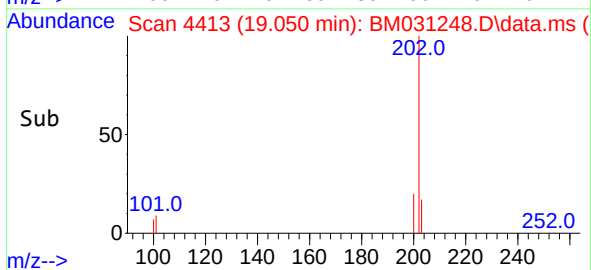
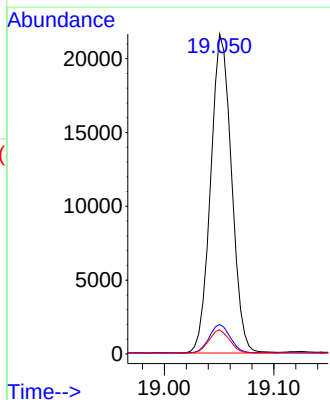
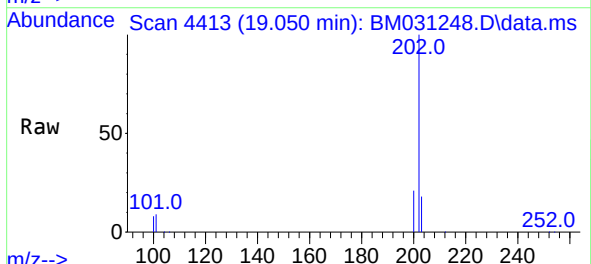
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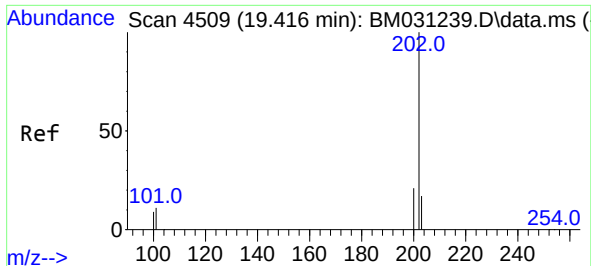


#19
 Fluoranthene
 Concen: 1.178 ng/ul
 RT: 19.050 min Scan# 4413
 Delta R.T. -0.004 min
 Lab File: BM031248.D
 Acq: 29 Jul 2021 14:48

Tgt Ion:202 Resp: 28568

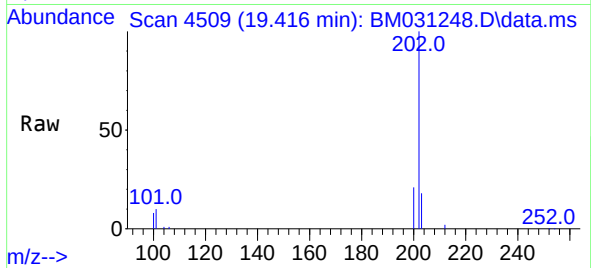
Ion	Ratio	Lower	Upper
202	100		
101	9.2	6.6	10.0
100	7.6	5.4	8.0





#20
Pyrene
Concen: 0.877 ng/ul
RT: 19.416 min Scan# 4509
Delta R.T. -0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

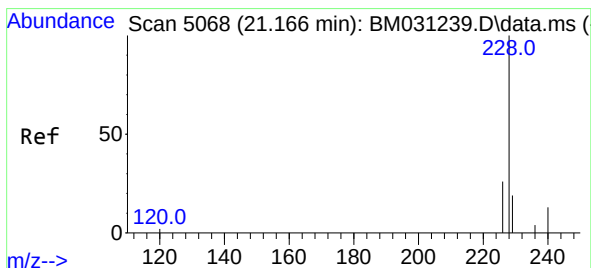
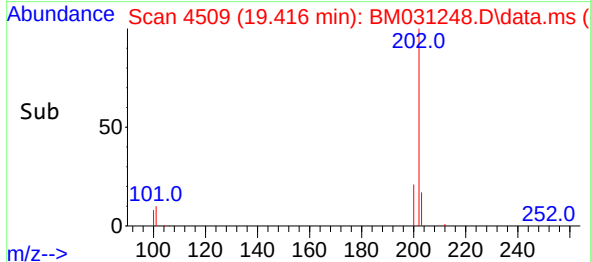
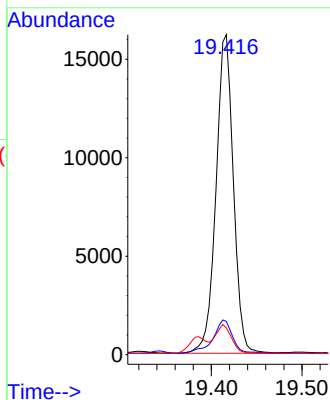
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:	202	Resp:	21566
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	8.4	6.6	10.0

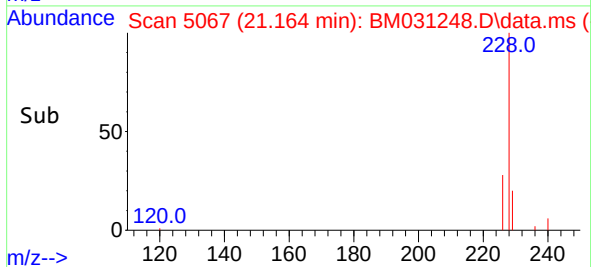
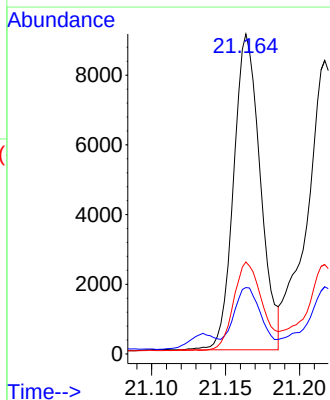
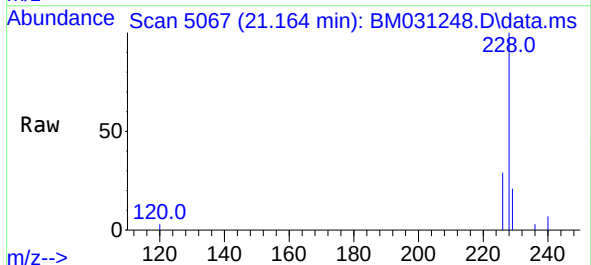
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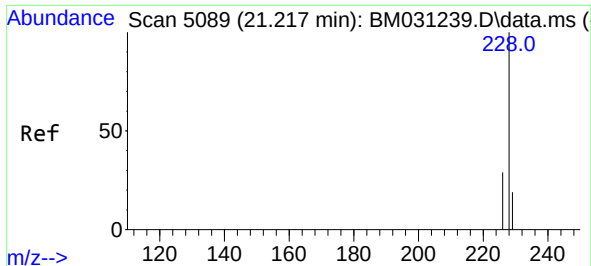
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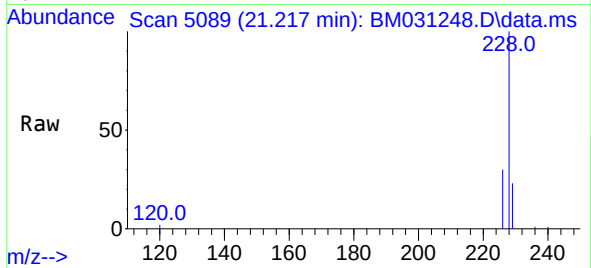
#21
Benzo(a)anthracene
Concen: 0.497 ng/ul
RT: 21.164 min Scan# 5067
Delta R.T. -0.002 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:	228	Resp:	11387
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.6	23.4
226	28.8	21.7	32.5

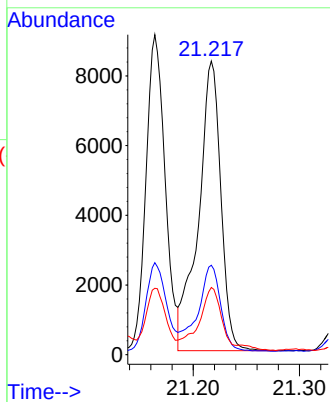
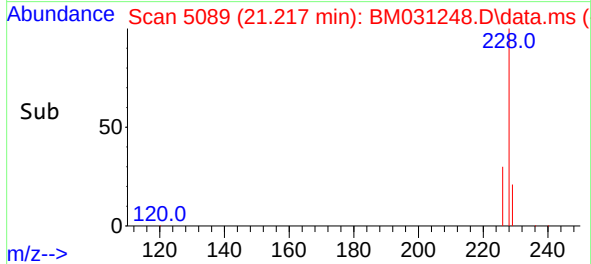




#22
Chrysene
Concen: 0.516 ng/ul
RT: 21.217 min Scan# 5089
Delta R.T. 0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



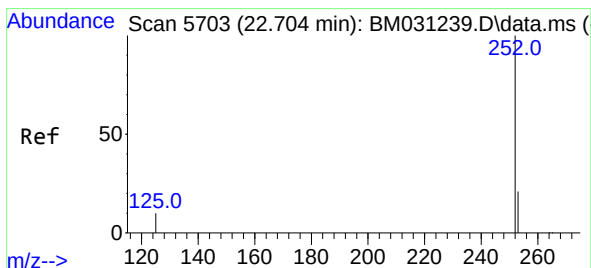
Tgt Ion:228 Resp: 12237
Ion Ratio Lower Upper
228 100
226 30.4 24.7 37.1
229 22.9 16.2 24.2



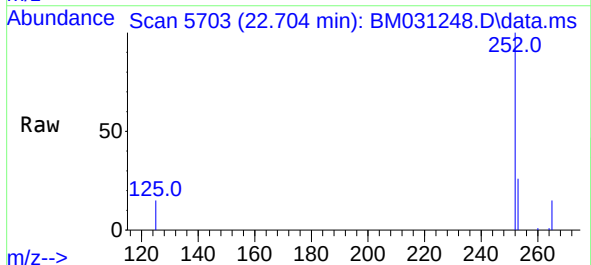
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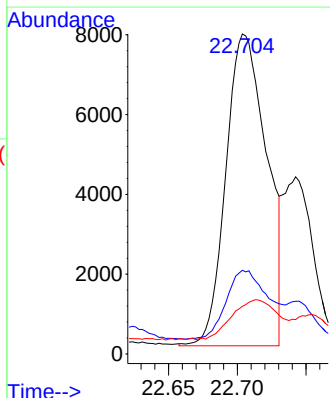
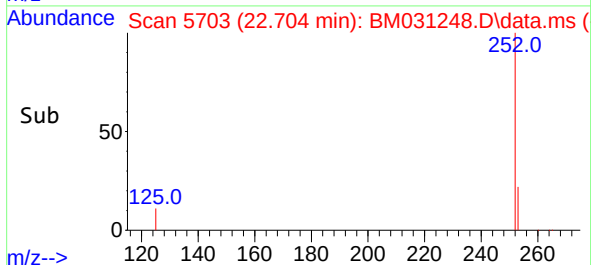
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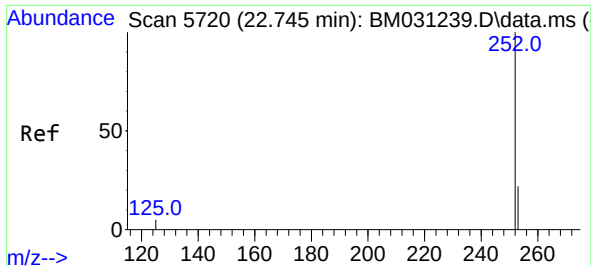


#24
Benzo(b)fluoranthene
Concen: 0.639 ng/ul m
RT: 22.704 min Scan# 5703
Delta R.T. -0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



Tgt Ion:252 Resp: 16096
Ion Ratio Lower Upper
252 100
253 26.1 0.0 53.0
125 14.9 0.0 22.8





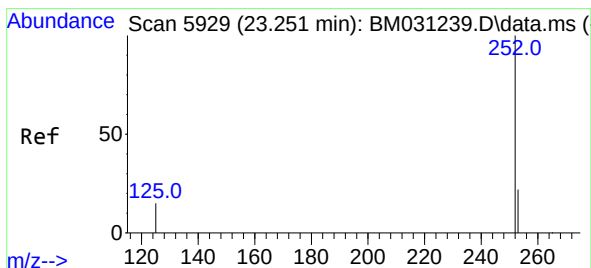
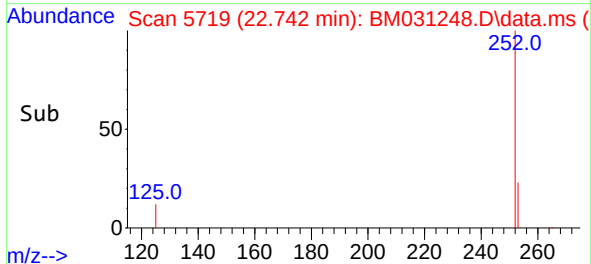
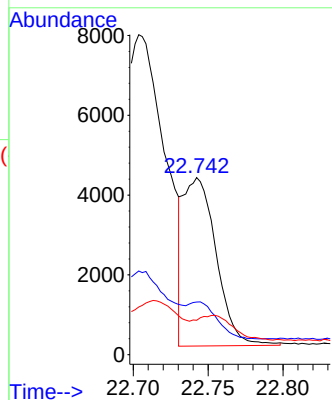
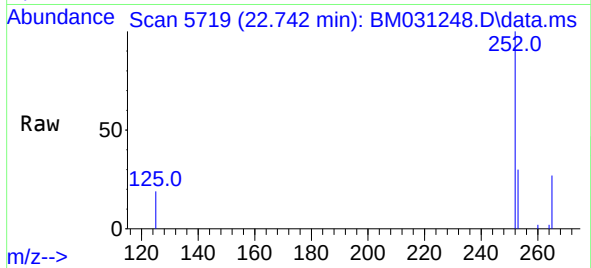
#25
Benzo(k)fluoranthene
Concen: 0.249 ng/ul m
RT: 22.742 min Scan# 5719
Delta R.T. -0.002 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:	252	Resp:	6470
Ion Ratio	Lower	Upper	
252	100		
253	29.7	21.3	31.9
125	19.4	8.8	13.2#

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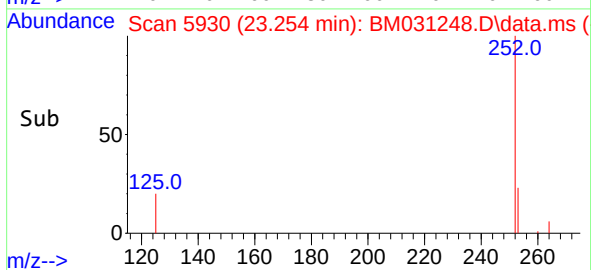
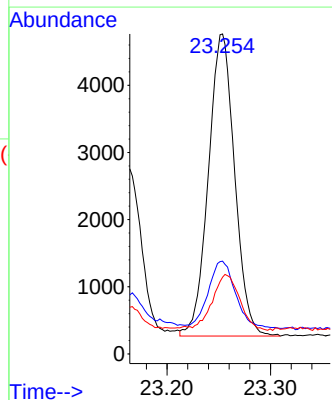
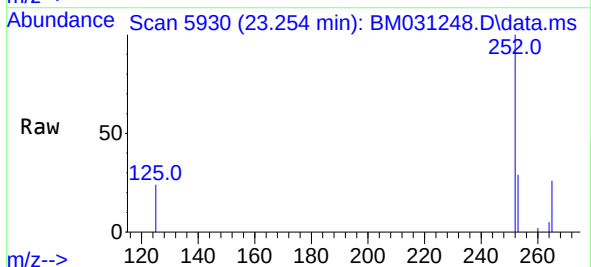
Manual Integrations
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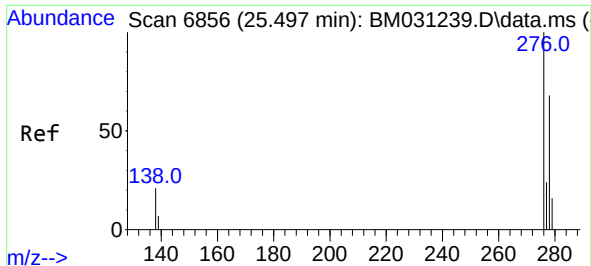
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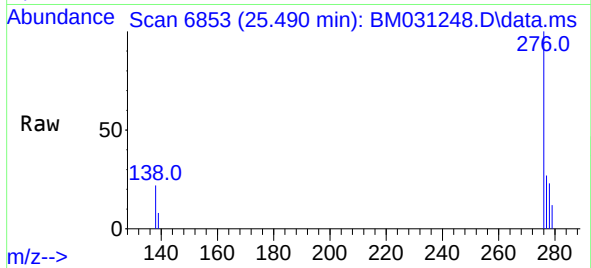
#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.254 min Scan# 5930
Delta R.T. 0.002 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:	252	Resp:	7946
Ion Ratio	Lower	Upper	
252	100		
253	29.0	22.4	33.6
125	24.0	13.0	19.4#

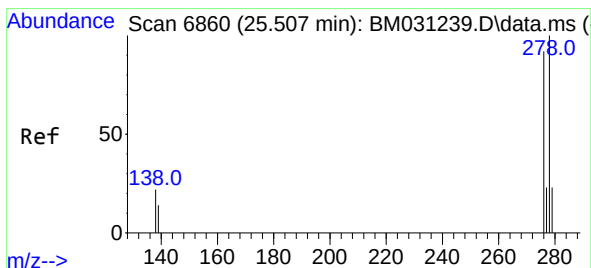
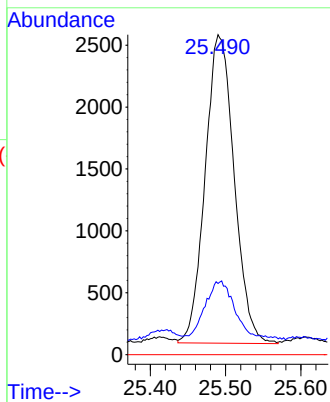
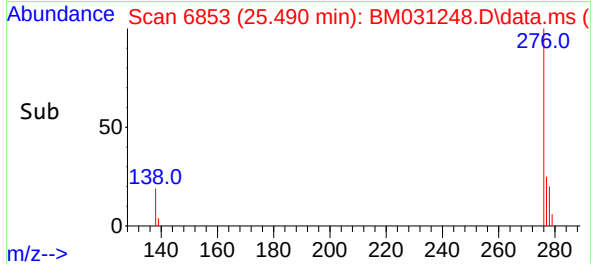




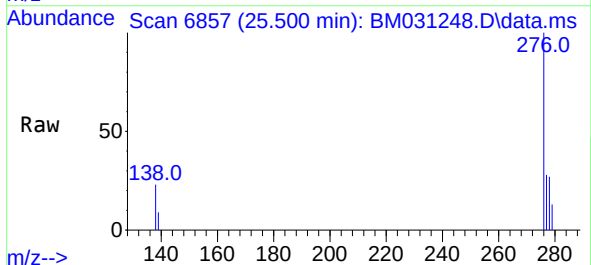
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.235 ng/ul
RT: 25.490 min Scan# 6853
Delta R.T. -0.007 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



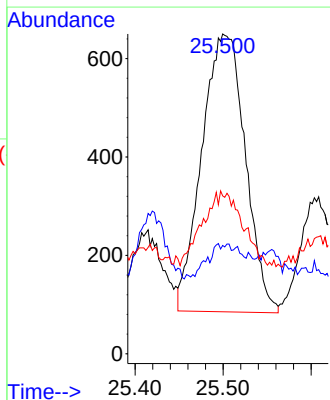
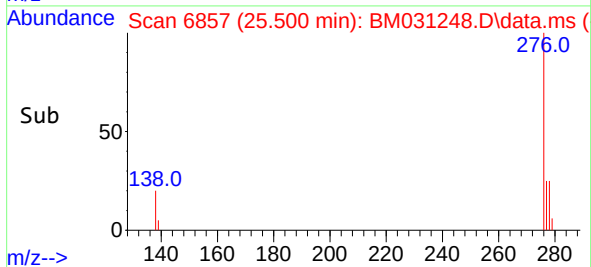
Tgt Ion: 276 Resp: 6685
Ion Ratio Lower Upper
276 100
138 19.9 15.8 23.8
227 0.0 0.0 0.0



#28
Dibenzo(a,h)anthracene
Concen: 0.084 ng/ul
RT: 25.500 min Scan# 6857
Delta R.T. -0.007 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48



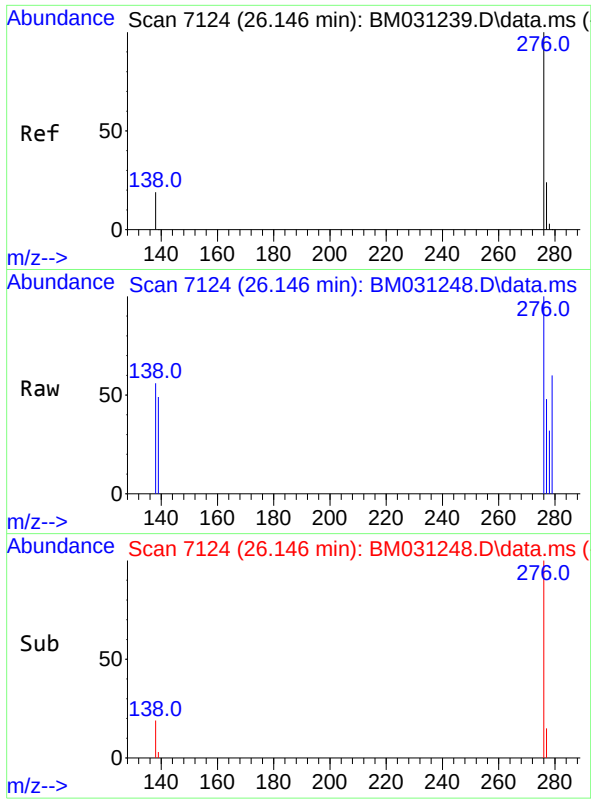
Tgt Ion: 278 Resp: 1940
Ion Ratio Lower Upper
278 100
139 33.8 13.3 19.9#
279 49.4 22.8 34.2#



Instrument :
BNA_M
ClientSampled :
C0018DL

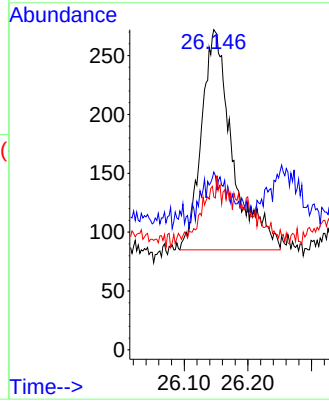
Manual Integrations
APPROVED

mohammad
7/30/2021 12:02:00 PM



#29
Benzo(g,h,i)perylene
Concen: 0.026 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. 0.000 min
Lab File: BM031248.D
Acq: 29 Jul 2021 14:48

Tgt Ion:	276	Resp:	631
Ion Ratio	Lower	Upper	
276	100		
138	55.5	15.4	23.2#
277	47.8	19.9	29.9#



Instrument :
BNA_M
ClientSampleId :
C0018DL

Manual Integrations
APPROVED

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