

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
 Data File : BM030886.D
 Acq On : 08 Jul 2021 15:54
 Operator : CG/JU
 Sample : M2825-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDR1

Manual Integrations
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Quant Time: Jul 08 16:33:00 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 08 10:44:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.767	152	1945	0.400	ng/ul	0.00
4) Naphthalene-d8	10.550	136	7587	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.394	164	4120	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.131	188	6789	0.400	ng/ul	-0.02
17) Chrysene-d12	21.304	240	5362	0.400	ng/ul	-0.01
23) Perylene-d12	23.549	264	5388	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.265	96	2721	1.284	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.151	152	2176	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.153	212	3231	0.210	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.599	128	5451	0.252	ng/ul	96
7) 2-Methylnaphthalene	12.227	142	997	0.069	ng/ul	98
8) 1-Methylnaphthalene	12.439	142	468	0.033	ng/ul	94
10) Acenaphthylene	14.114	152	2499	0.136	ng/ul#	87
11) Acenaphthene	14.455	153	19074	1.280	ng/ul	99
12) Fluorene	15.445	166	10785	0.656	ng/ul	98
15) Phenanthrene	17.173	178	99020	4.339	ng/ul	100
16) Anthracene	17.263	178	34545	1.728	ng/ul	100
19) Fluoranthene	19.184	202	110419	4.666	ng/ul	99
20) Pyrene	19.546	202	85894	3.609	ng/ul	99
21) Benzo(a)anthracene	21.287	228	45350	2.122	ng/ul	97
22) Chrysene	21.340	228	40180	1.678	ng/ul	98
24) Benzo(b)fluoranthene	22.873	252	48755m	2.043	ng/ul	
25) Benzo(k)fluoranthene	22.912	252	21254m	0.864	ng/ul	
26) Benzo(a)pyrene	23.447	252	31303	1.542	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.817	276	21188	0.801	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.817	278	5720	0.270	ng/ul#	86
29) Benzo(g,h,i)perylene	26.512	276	2264	0.099	ng/ul#	81

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

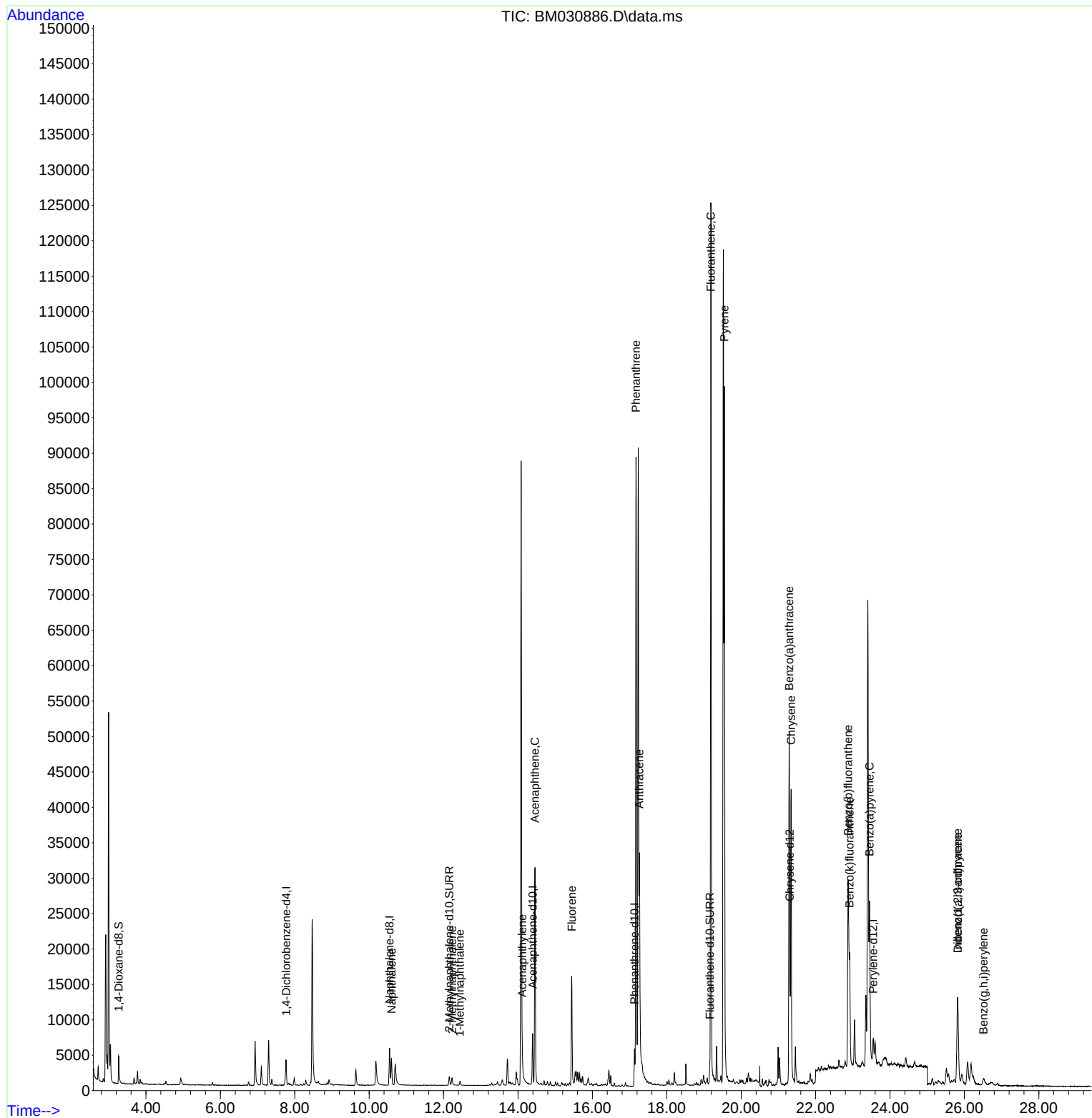
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070821\
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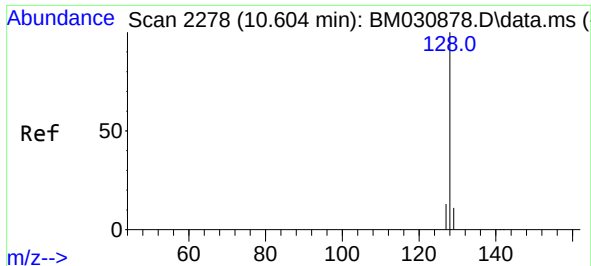
Instrument :
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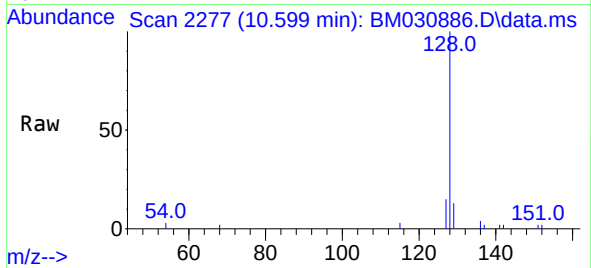
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Quant Time: Jul 08 16:33:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM062821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 08 10:44:22 2021
Response via : Initial Calibration

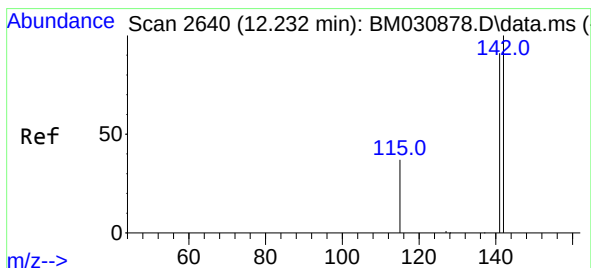
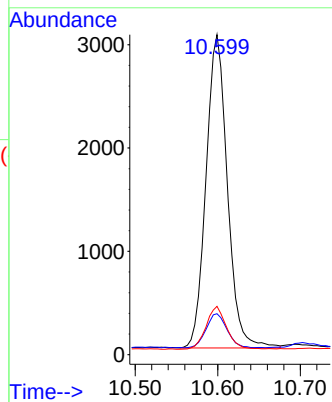
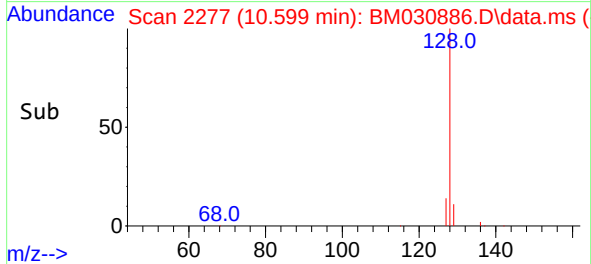




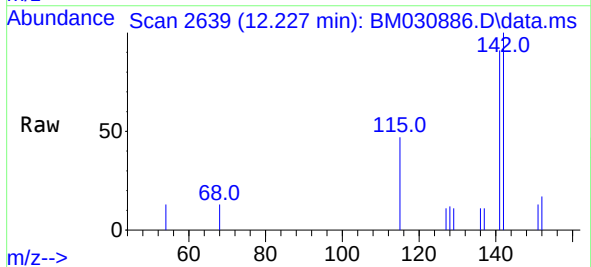
#5
Naphthalene
Concen: 0.252 ng/ul
RT: 10.599 min Scan# 2277
Delta R.T. -0.004 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



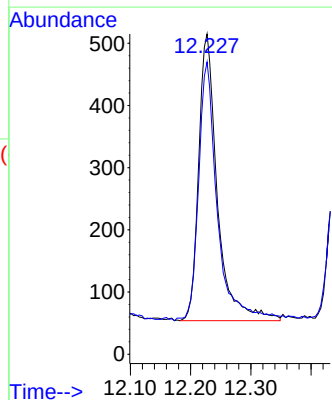
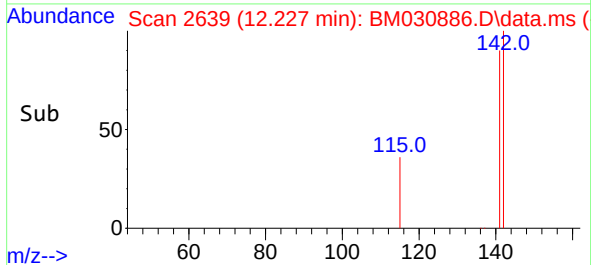
Tgt Ion:128 Resp: 5451
Ion Ratio Lower Upper
128 100
129 12.8 9.0 13.6
127 15.1 10.9 16.3



#7
2-Methylnaphthalene
Concen: 0.069 ng/ul
RT: 12.227 min Scan# 2639
Delta R.T. -0.004 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



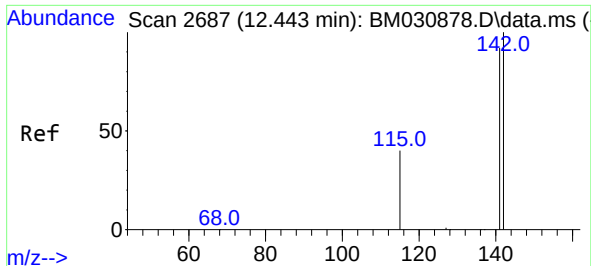
Tgt Ion:142 Resp: 997
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.0



Instrument :
BNA_M
ClientSampled :
BGDR1

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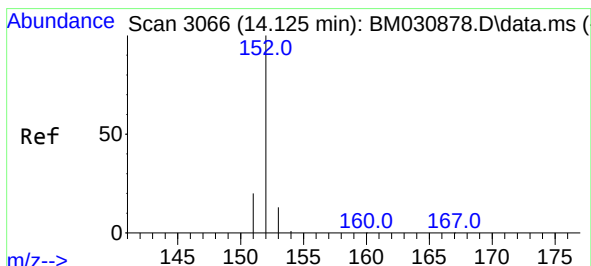
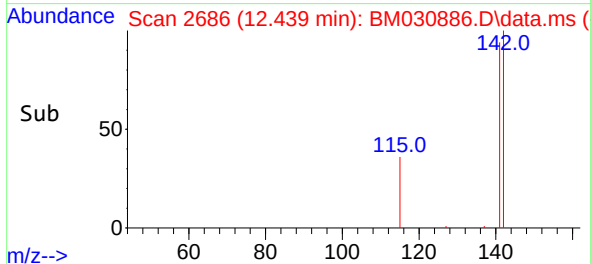
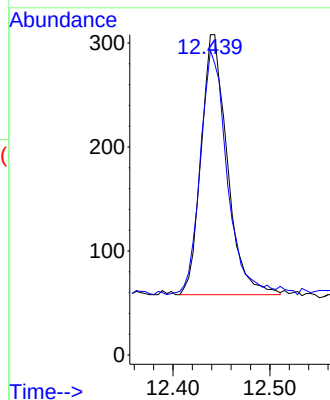
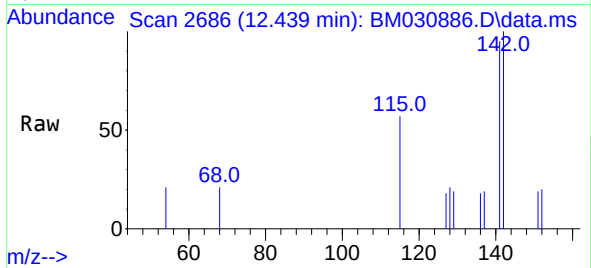
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1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.439 min Scan# 2686
Delta R.T. -0.004 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:142 Resp: 468
Ion Ratio Lower Upper
142 100
141 97.6 73.4 110.0

Instrument :
BNA_M
ClientSampled :
BGDR1

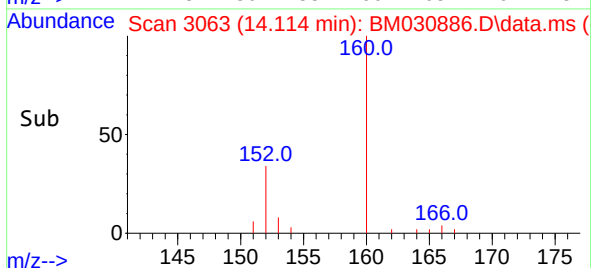
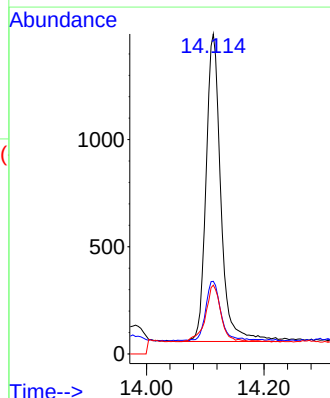
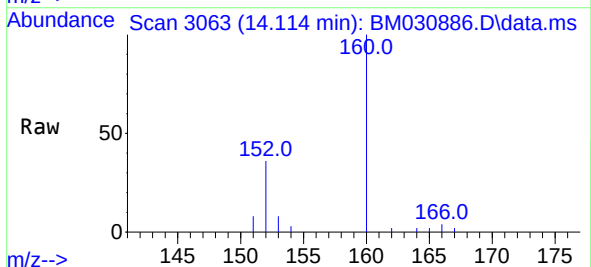
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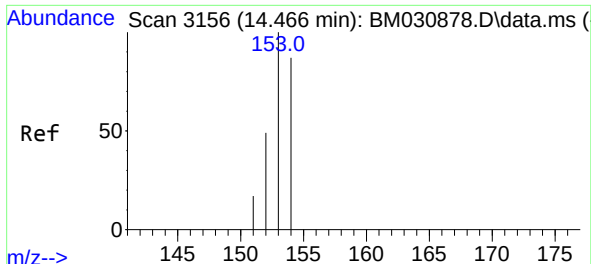
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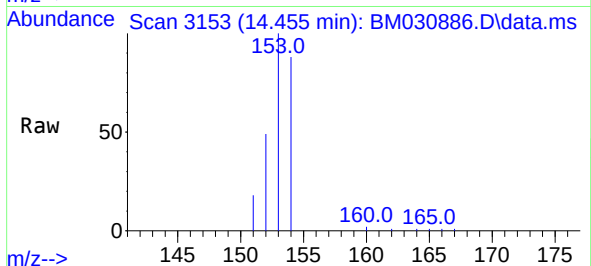
#10
Acenaphthylene
Concen: 0.136 ng/ul
RT: 14.114 min Scan# 3063
Delta R.T. -0.011 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:152 Resp: 2499
Ion Ratio Lower Upper
152 100
151 22.7 15.5 23.3
153 21.5 10.7 16.1#

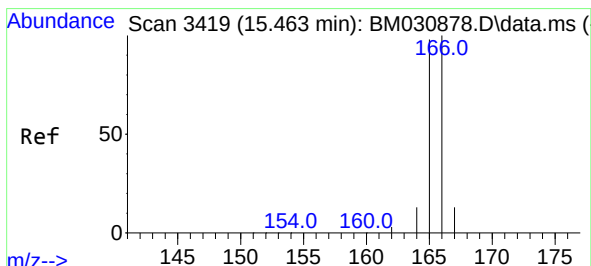
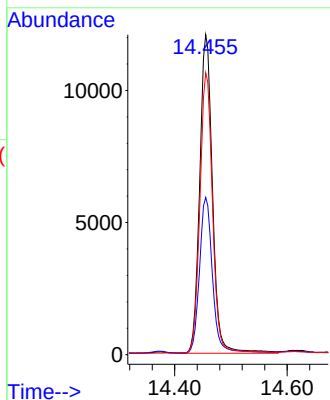
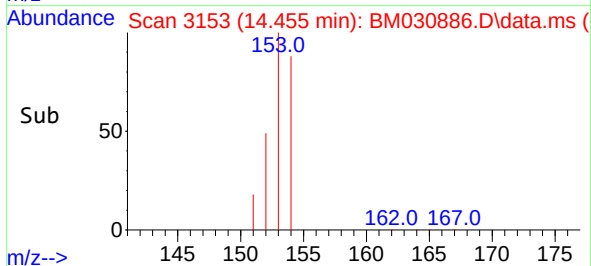




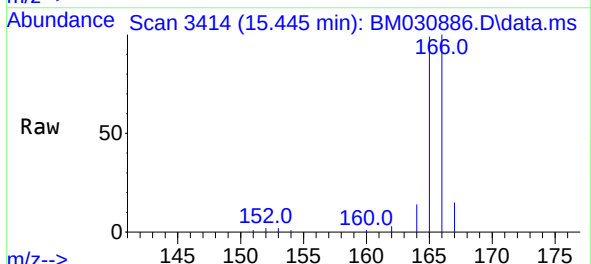
#11
Acenaphthene
Concen: 1.280 ng/ul
RT: 14.455 min Scan# 3153
Delta R.T. -0.011 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



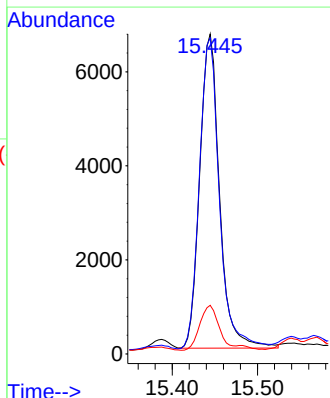
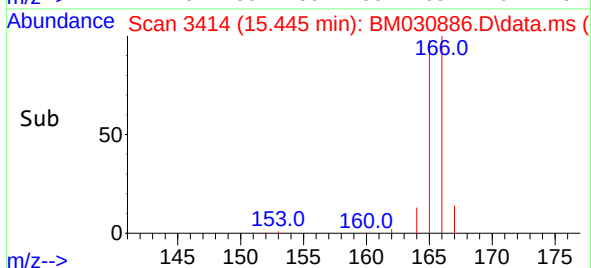
Tgt Ion:153 Resp: 19074
Ion Ratio Lower Upper
153 100
152 49.2 40.2 60.2
154 88.1 71.2 106.8



#12
Fluorene
Concen: 0.656 ng/ul
RT: 15.445 min Scan# 3414
Delta R.T. -0.019 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



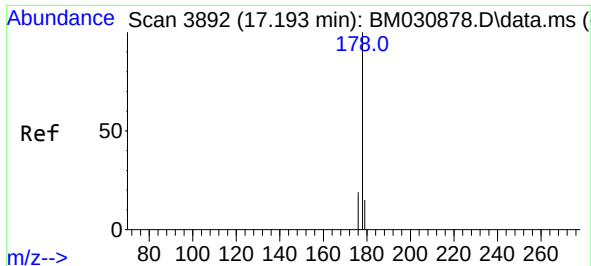
Tgt Ion:166 Resp: 10785
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 15.2 11.3 16.9



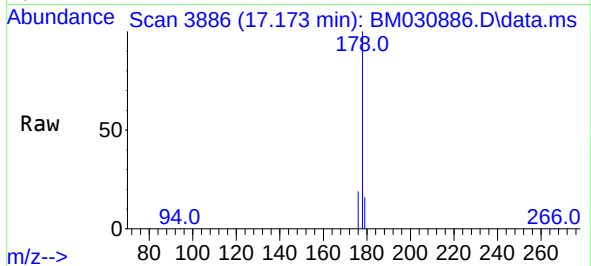
Instrument :
BNA_M
ClientSampled :
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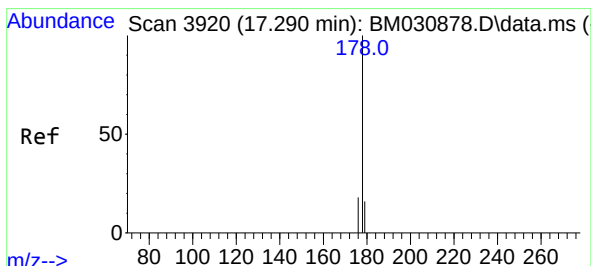
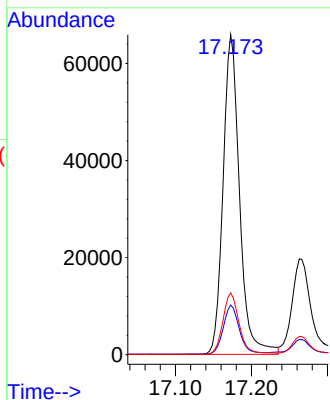
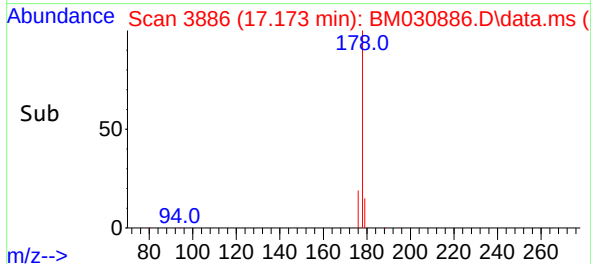
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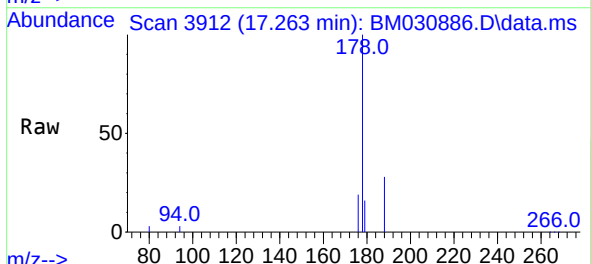
#15
Phenanthrene
Concen: 4.339 ng/ul
RT: 17.173 min Scan# 3886
Delta R.T. -0.021 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



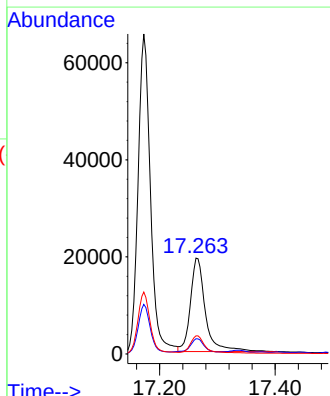
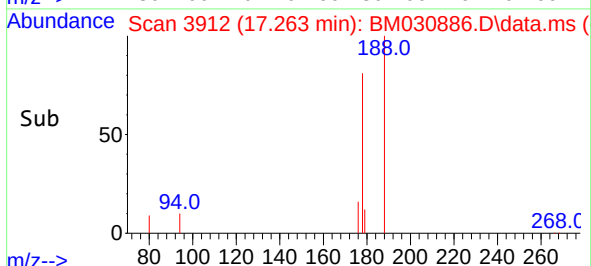
Tgt Ion:178 Resp: 99020
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.3 15.5 23.3



#16
Anthracene
Concen: 1.728 ng/ul
RT: 17.263 min Scan# 3912
Delta R.T. -0.028 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



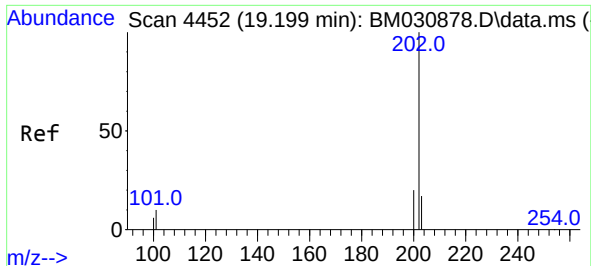
Tgt Ion:178 Resp: 34545
Ion Ratio Lower Upper
178 100
179 15.9 12.7 19.1
176 18.9 15.2 22.8



Instrument :
BNA_M
ClientSampled :
BGDR1

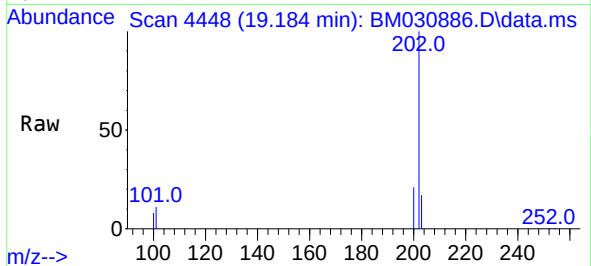
Manual Integrations
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#19
Fluoranthene
Concen: 4.666 ng/u1
RT: 19.184 min Scan# 4448
Delta R.T. -0.015 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

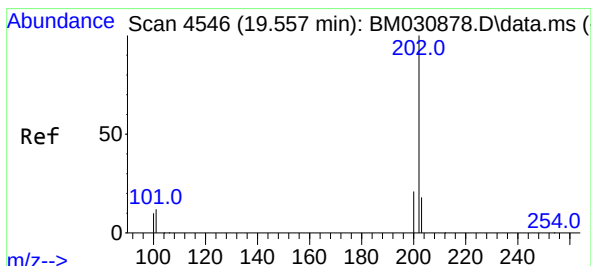
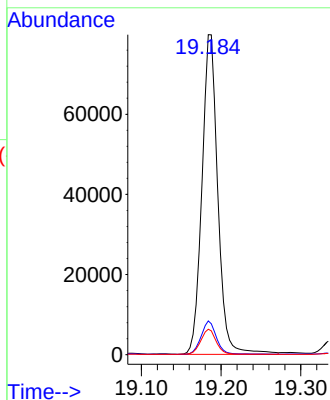
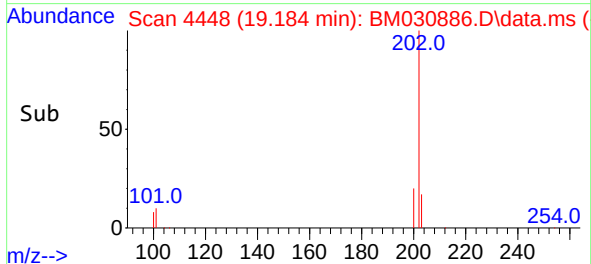
Instrument :
BNA_M
ClientSampled :
BGDR1



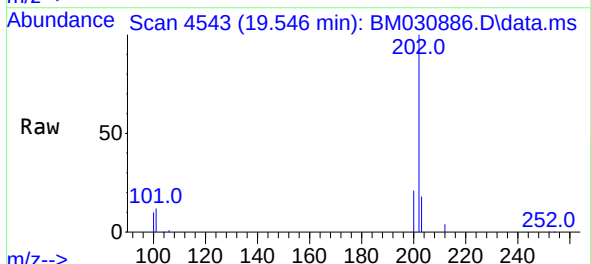
Tgt Ion:202 Resp: 110419
Ion Ratio Lower Upper
202 100
101 10.6 8.8 13.2
100 7.9 6.9 10.3

Manual Integrations
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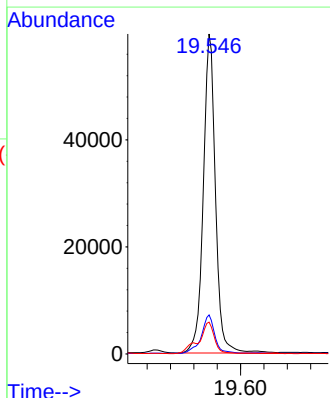
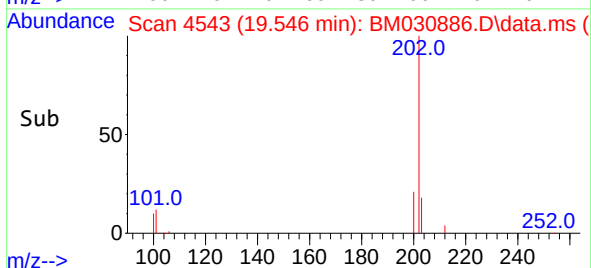
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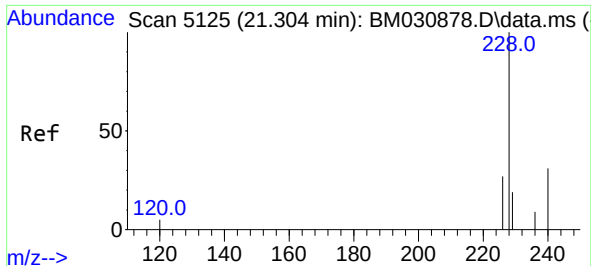


#20
Pyrene
Concen: 3.609 ng/u1
RT: 19.546 min Scan# 4543
Delta R.T. -0.011 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



Tgt Ion:202 Resp: 85894
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.9 8.2 12.2





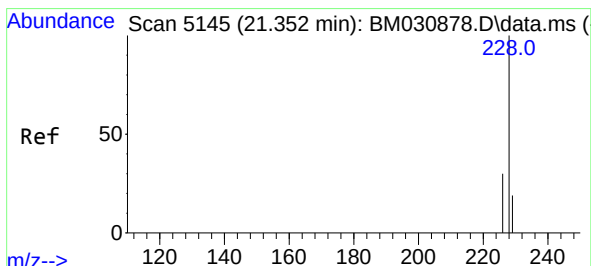
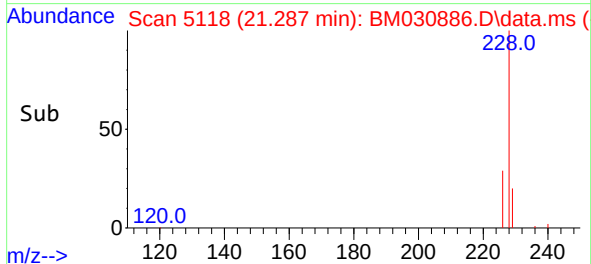
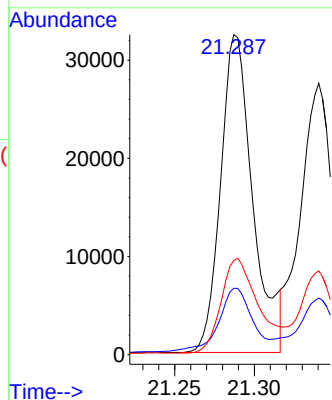
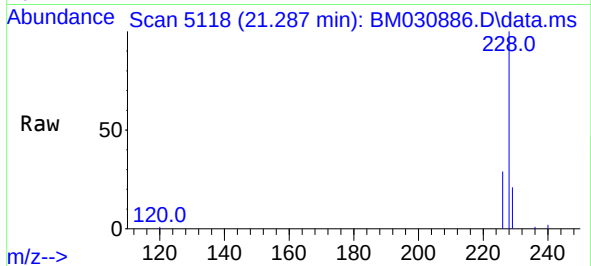
#21
Benzo(a)anthracene
Concen: 2.122 ng/ul
RT: 21.287 min Scan# 5118
Delta R.T. -0.017 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	228	Resp:	45350
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.8	23.6
226	29.4	22.2	33.4

Instrument :
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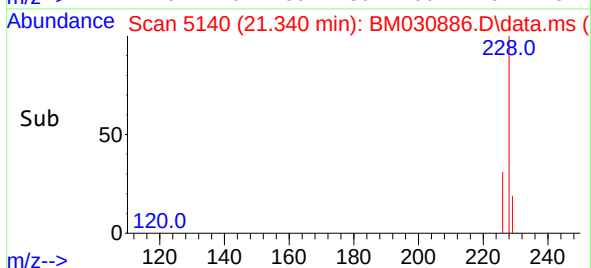
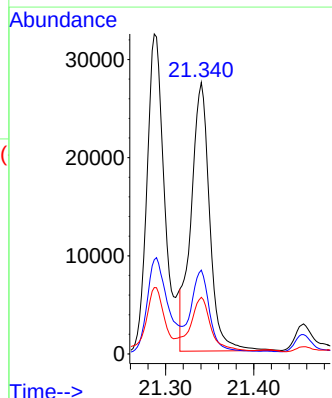
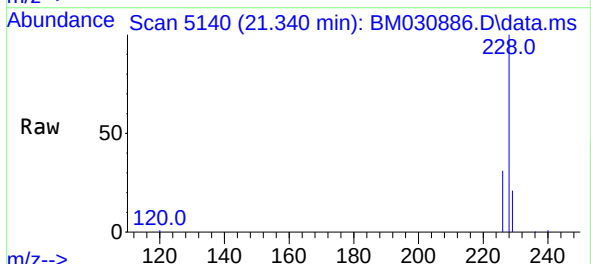
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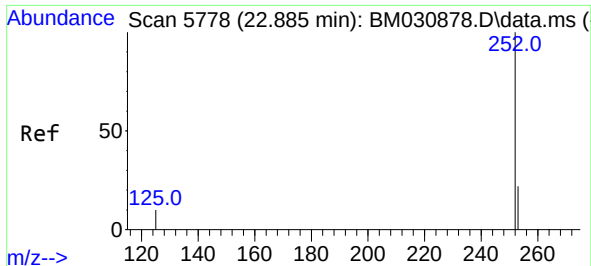
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#22
Chrysene
Concen: 1.678 ng/ul
RT: 21.340 min Scan# 5140
Delta R.T. -0.012 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	228	Resp:	40180
Ion Ratio	Lower	Upper	
228	100		
226	30.9	24.4	36.6
229	20.9	15.4	23.0





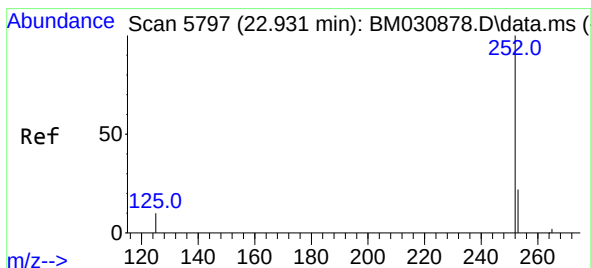
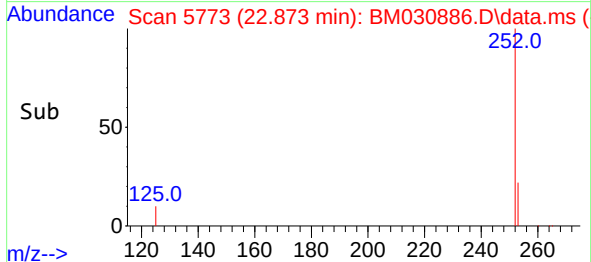
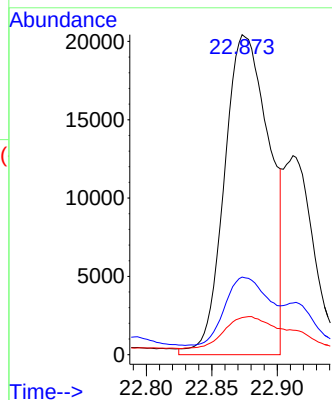
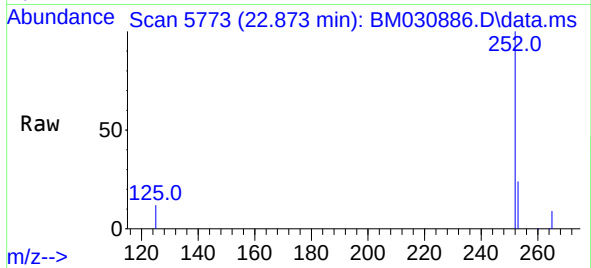
#24
Benzo(b)fluoranthene
Concen: 2.043 ng/ul m
RT: 22.873 min Scan# 5773
Delta R.T. -0.012 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	252	Resp:	48755
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	50.2
125	11.6	0.0	27.8

Instrument :
BNA_M
ClientSampled :
BGDR1

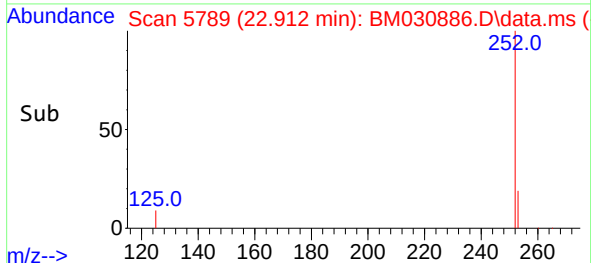
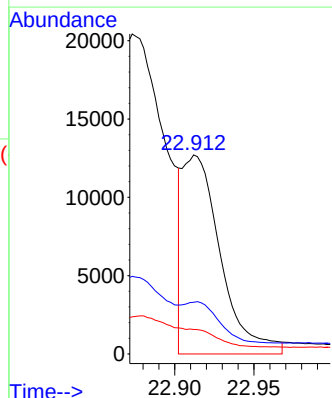
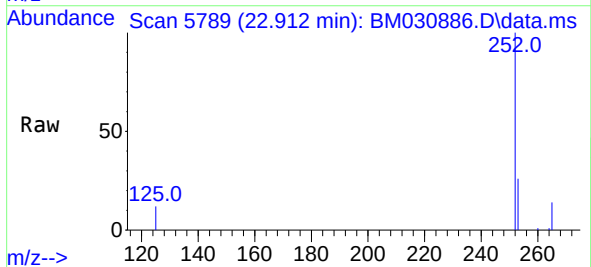
Manual Integrations
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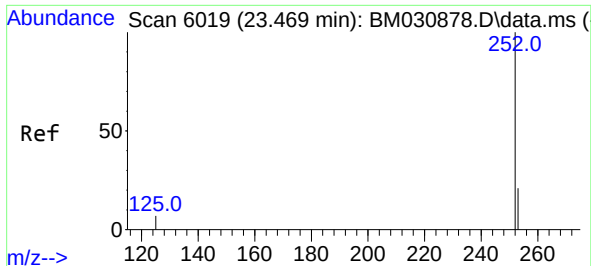
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#25
Benzo(k)fluoranthene
Concen: 0.864 ng/ul m
RT: 22.912 min Scan# 5789
Delta R.T. -0.019 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	252	Resp:	21254
Ion Ratio	Lower	Upper	
252	100		
253	25.9	20.6	31.0
125	12.3	11.0	16.4





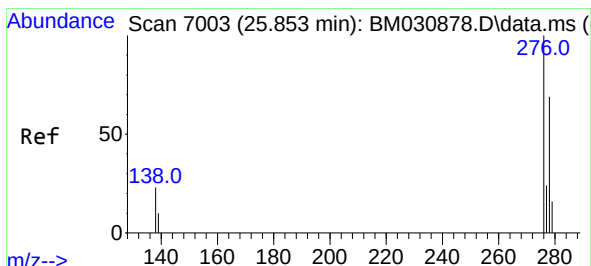
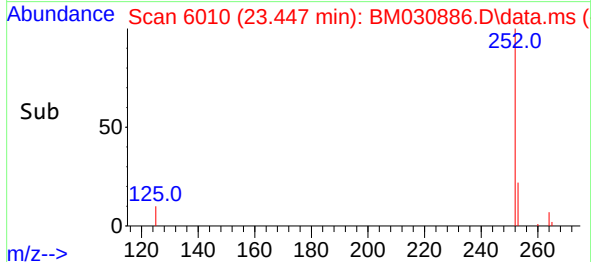
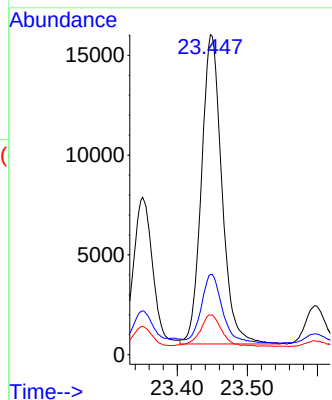
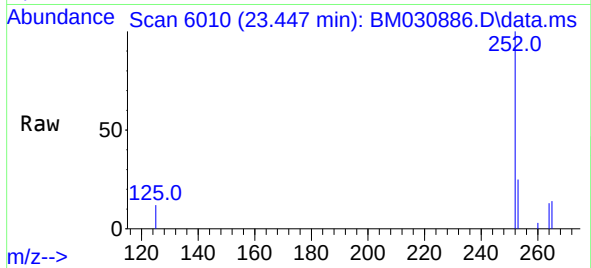
#26
Benzo(a)pyrene
Concen: 1.542 ng/ul
RT: 23.447 min Scan# 6010
Delta R.T. -0.022 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	252	Resp:	31303
Ion Ratio	Lower	Upper	
252	100		
253	25.1	22.0	33.0
125	12.4	13.4	20.2#

Instrument :
BNA_M
ClientSampled :
BGDR1

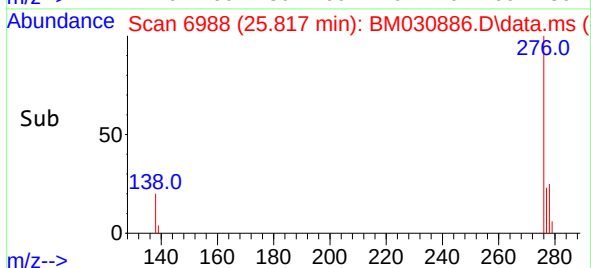
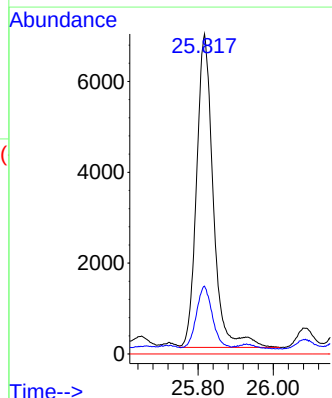
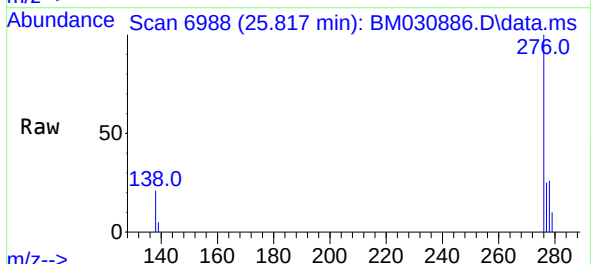
Manual Integrations
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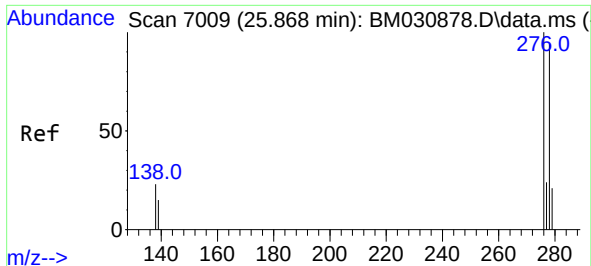
mohammad
7/9/2021 2:48:03 PM



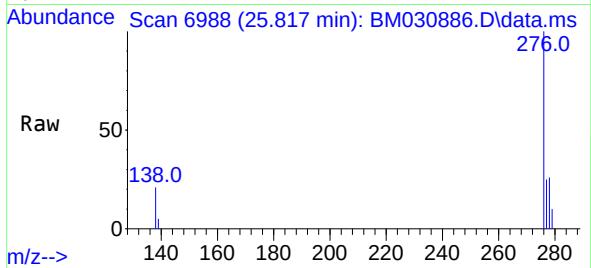
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.801 ng/ul
RT: 25.817 min Scan# 6988
Delta R.T. -0.036 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54

Tgt Ion:	276	Resp:	21188
Ion Ratio	Lower	Upper	
276	100		
138	18.6	19.1	28.7#
227	0.0	0.0	0.0

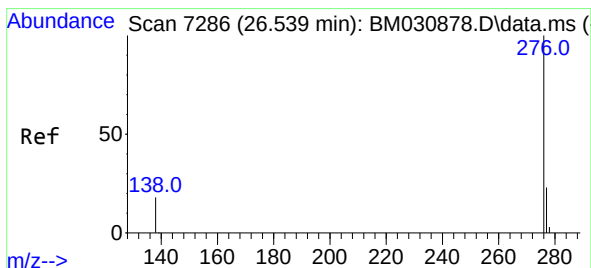
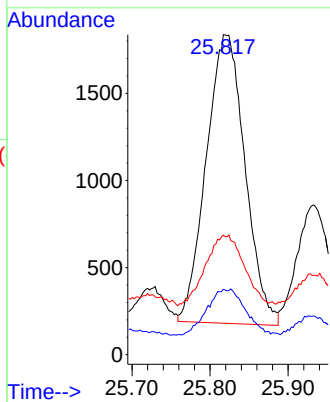
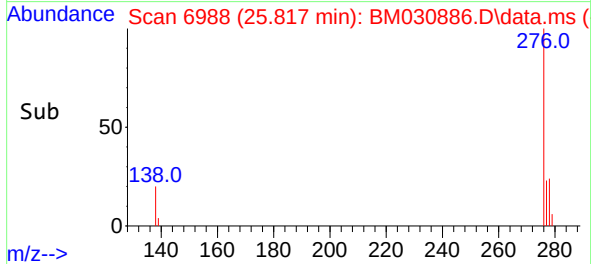




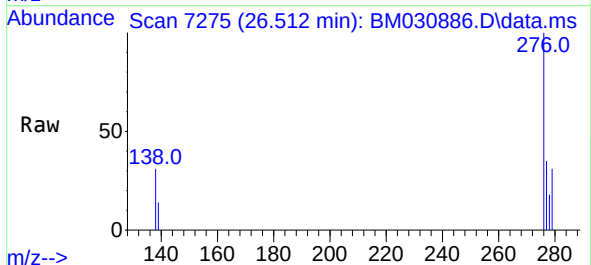
#28
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 25.817 min Scan# 6988
Delta R.T. -0.051 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



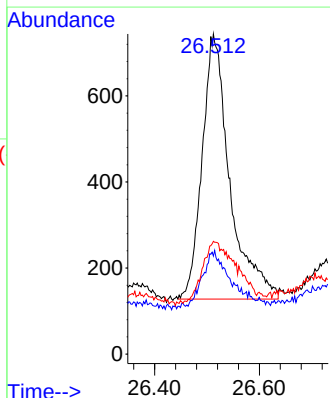
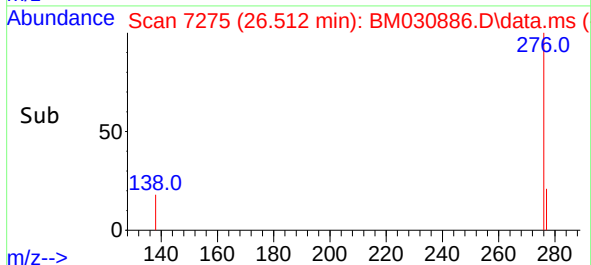
Tgt Ion:278 Resp: 5720
Ion Ratio Lower Upper
278 100
139 20.4 14.2 21.4
279 37.3 21.6 32.4#



#29
Benzo(g,h,i)perylene
Concen: 0.099 ng/ul
RT: 26.512 min Scan# 7275
Delta R.T. -0.027 min
Lab File: BM030886.D
Acq: 08 Jul 2021 15:54



Tgt Ion:276 Resp: 2264
Ion Ratio Lower Upper
276 100
138 30.6 18.0 27.0#
277 35.2 19.5 29.3#



Instrument :
BNA_M
ClientSampled :
BGDR1

Manual Integrations
APPROVED

mohammad
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