

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031288.D
 Acq On : 30 Jul 2021 23:12
 Operator : CG/JU
 Sample : M3084-07DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0025DL

Manual Integrations
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mohammad
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Quant Time: Jul 31 00:01:55 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 : Fri Jul 30 14:16:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	574	0.400	ng/ul	0.00
4) Naphthalene-d8	10.370	136	2244	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.239	164	1556	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.989	188	2952	0.400	ng/ul #	0.00
17) Chrysene-d12	21.176	240	2465	0.400	ng/ul #	0.00
23) Perylene-d12	23.343	264	2382	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.203	96	999	1.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.966	152	318	0.084	ng/ul	0.00
18) Fluoranthene-d10	19.020	212	713	0.087	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.424	128	8159	1.221	ng/ul	99
7) 2-Methylnaphthalene	12.038	142	8628	1.889	ng/ul	99
8) 1-Methylnaphthalene	12.263	142	4977	1.103	ng/ul	99
10) Acenaphthylene	13.959	152	1860	0.281	ng/ul	92
11) Acenaphthene	14.303	153	816m	0.146	ng/ul	
12) Fluorene	15.293	166	1493	0.233	ng/ul#	83
15) Phenanthrene	17.030	178	22367	2.386	ng/ul	98
16) Anthracene	17.120	178	2790	0.318	ng/ul#	93
19) Fluoranthene	19.050	202	15924	1.513	ng/ul#	95
20) Pyrene	19.413	202	15270	1.430	ng/ul	95
21) Benzo(a)anthracene	21.161	228	10077	1.012	ng/ul#	87
22) Chrysene	21.212	228	18355	1.782	ng/ul#	95
24) Benzo(b)fluoranthene	22.699	252	14737m	1.373	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	4625m	0.417	ng/ul	
26) Benzo(a)pyrene	23.249	252	7737	0.823	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.482	276	4926	0.405	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.502	278	1837	0.188	ng/ul#	41
29) Benzo(g,h,i)perylene	26.139	276	4440	0.428	ng/ul#	89

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

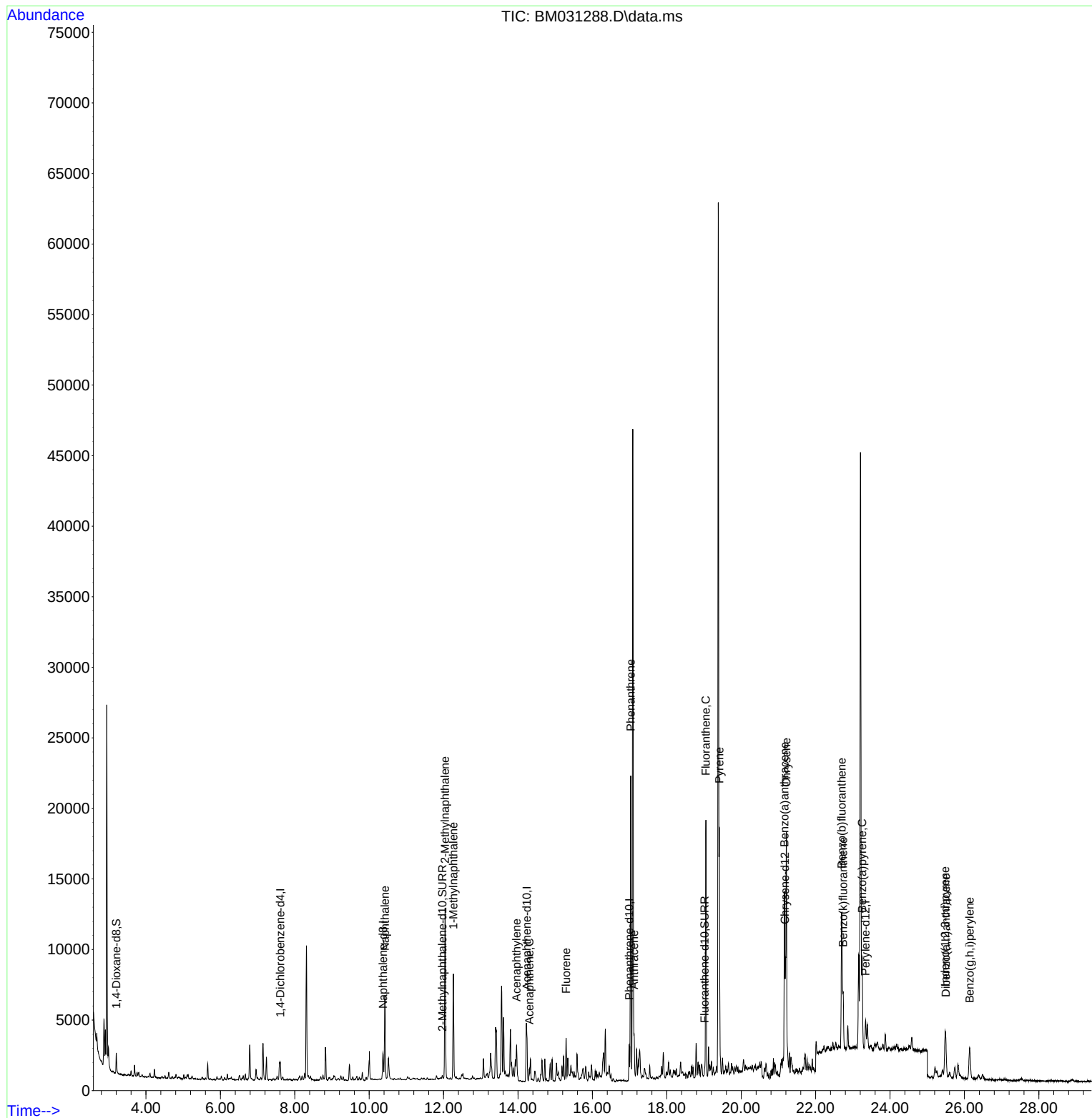
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Data File : BM031288.D
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Operator : CG/JU
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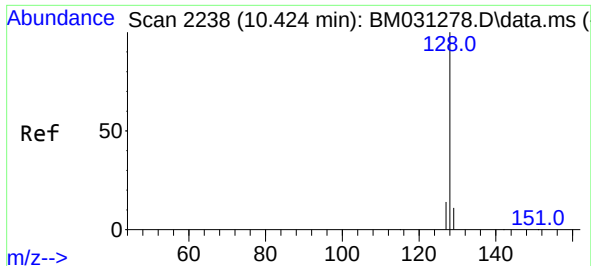
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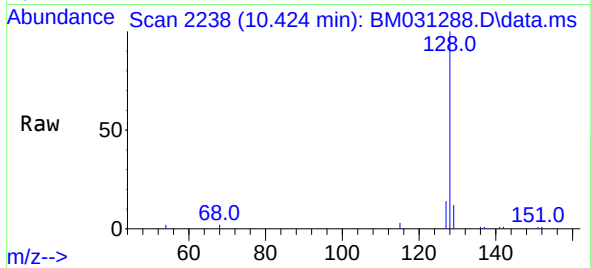
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Quant Time: Jul 31 00:01:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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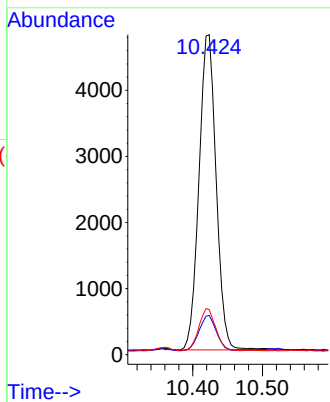
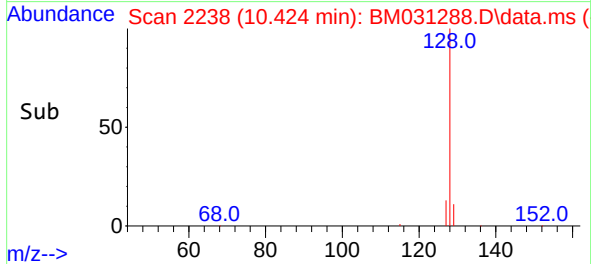


#5
Naphthalene
Concen: 1.221 ng/ul
RT: 10.424 min Scan# 2238
Delta R.T. 0.001 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12



Tgt Ion:128 Resp: 8159

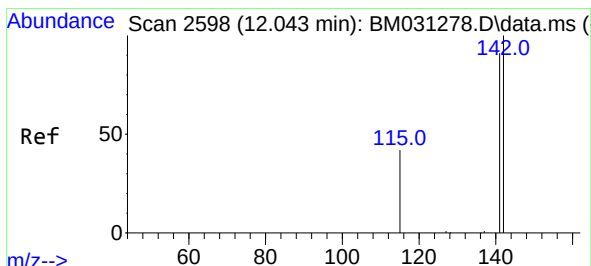
Ion	Ratio	Lower	Upper
128	100		
129	12.2	10.0	15.0
127	14.1	11.6	17.4



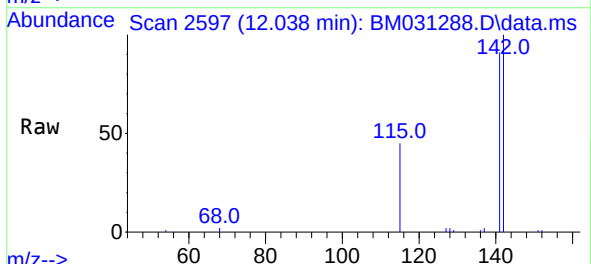
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ClientSampleId :
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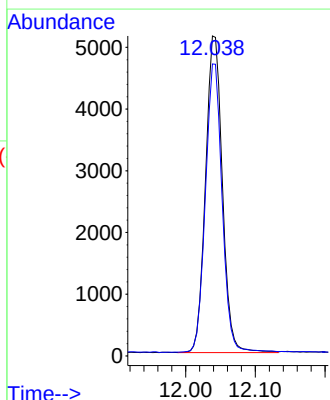
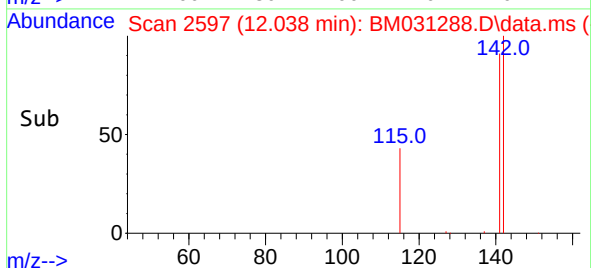


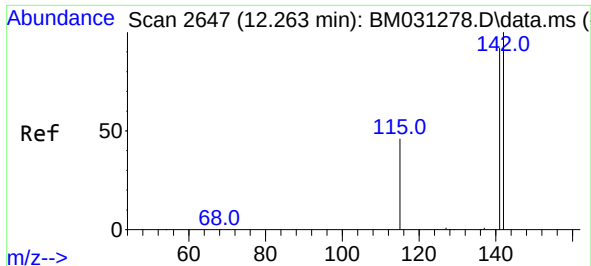
#7
2-Methylnaphthalene
Concen: 1.889 ng/ul
RT: 12.038 min Scan# 2597
Delta R.T. -0.003 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12



Tgt Ion:142 Resp: 8628

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.0





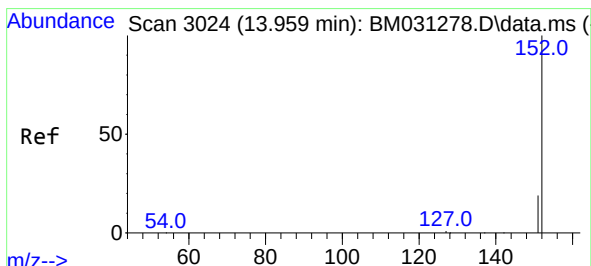
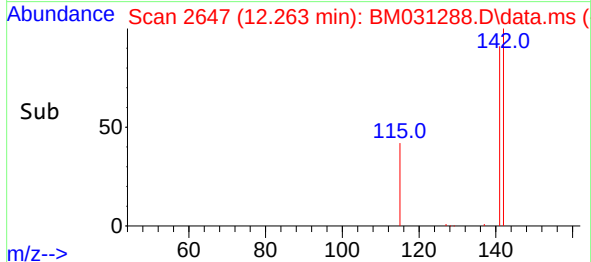
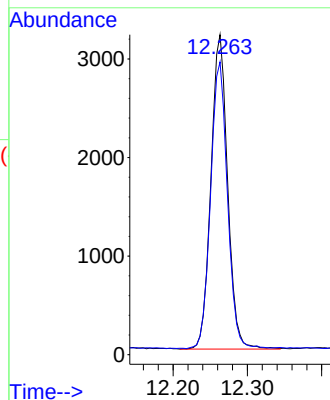
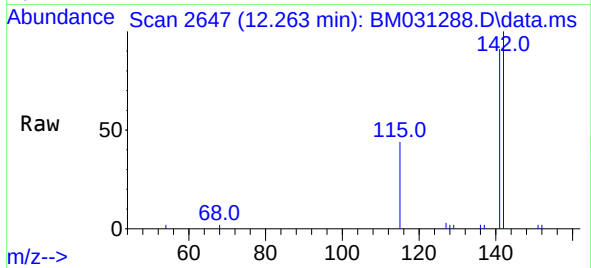
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1-Methylnaphthalene
Concen: 1.103 ng/ul
RT: 12.263 min Scan# 2647
Delta R.T. -0.003 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:142 Resp: 4977
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1

Instrument :
BNA_M
ClientSampled :
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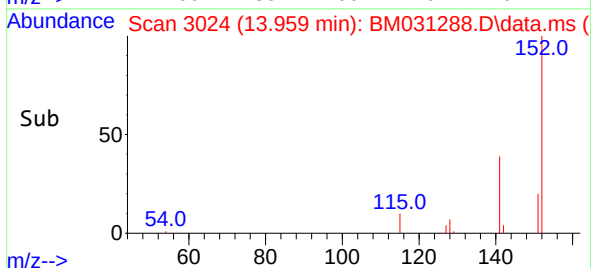
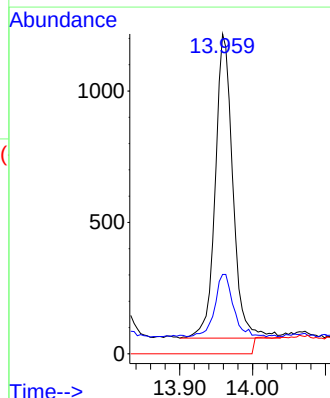
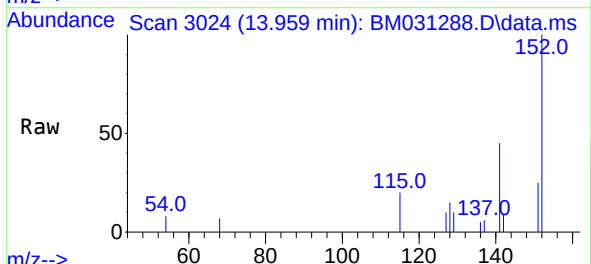
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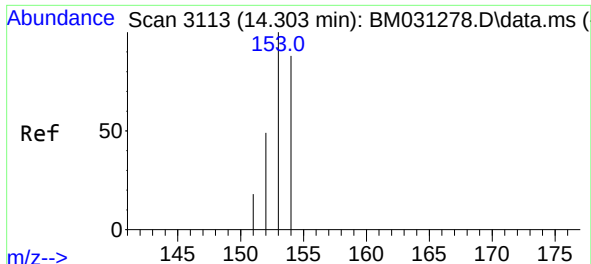
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#10
Acenaphthylene
Concen: 0.281 ng/ul
RT: 13.959 min Scan# 3024
Delta R.T. -0.003 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:152 Resp: 1860
Ion Ratio Lower Upper
152 100
151 24.8 16.9 25.3
153 0.0 0.0 0.0





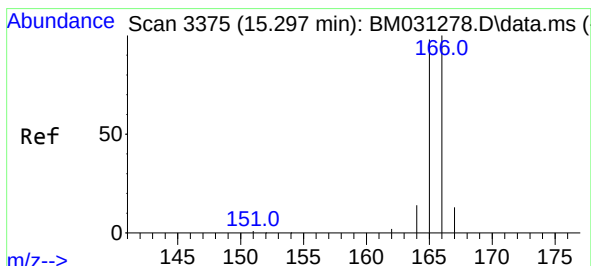
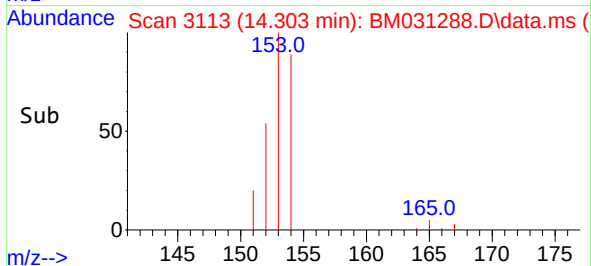
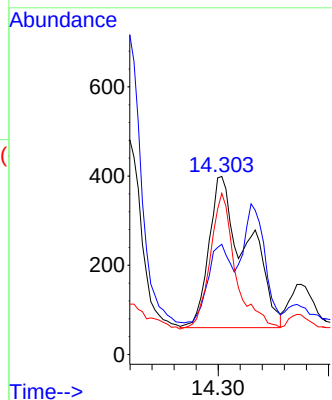
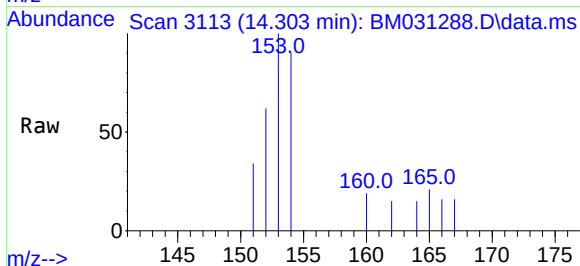
#11
Acenaphthene
Concen: 0.146 ng/ul m
RT: 14.303 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:153 Resp: 816
Ion Ratio Lower Upper
153 100
152 61.9 40.7 61.1#
154 90.5 70.2 105.2

Instrument :
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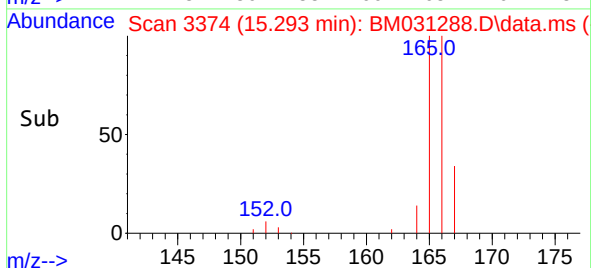
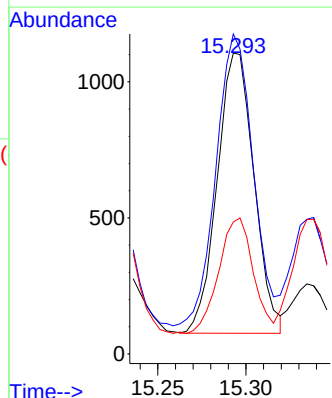
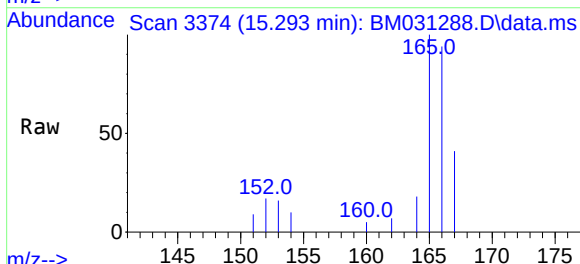
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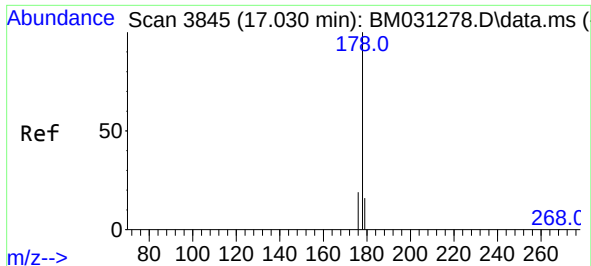
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#12
Fluorene
Concen: 0.233 ng/ul
RT: 15.293 min Scan# 3374
Delta R.T. -0.003 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

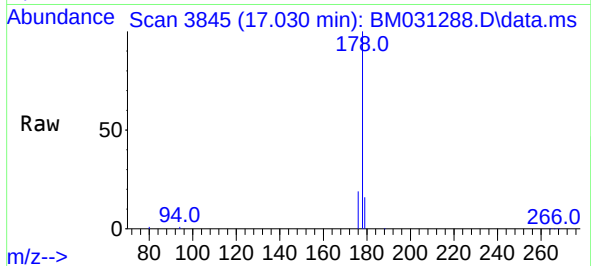
Tgt Ion:166 Resp: 1493
Ion Ratio Lower Upper
166 100
165 106.3 78.0 117.0
167 43.9 12.0 18.0#





#15
Phenanthrene
Concen: 2.386 ng/u1
RT: 17.030 min Scan# 3845
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

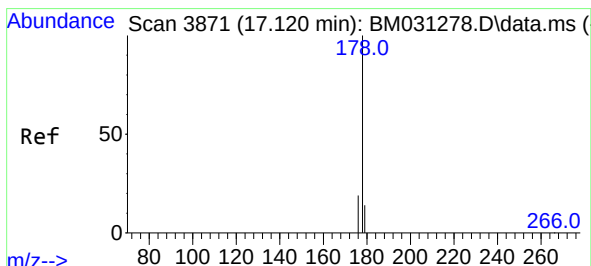
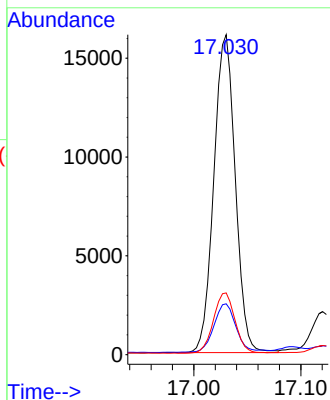
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ClientSampleId :
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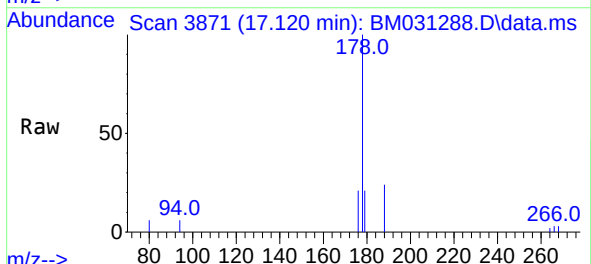
Tgt Ion:178 Resp: 22367
Ion Ratio Lower Upper
178 100
179 15.9 13.3 19.9
176 19.3 16.2 24.4

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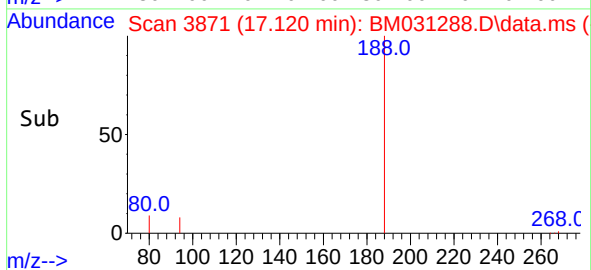
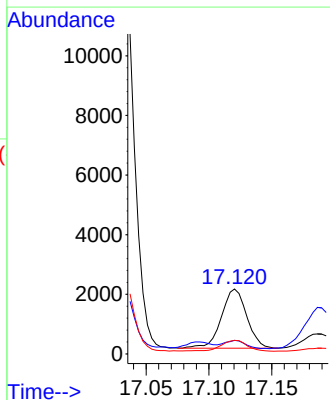
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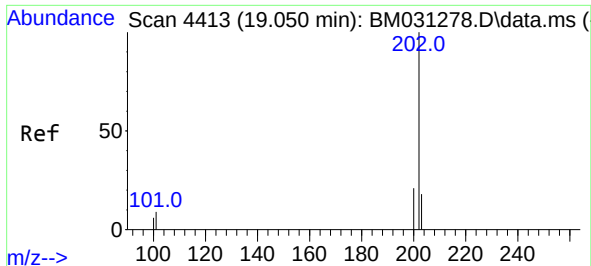


#16
Anthracene
Concen: 0.318 ng/u1
RT: 17.120 min Scan# 3871
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12



Tgt Ion:178 Resp: 2790
Ion Ratio Lower Upper
178 100
179 21.0 13.0 19.6#
176 21.0 15.6 23.4





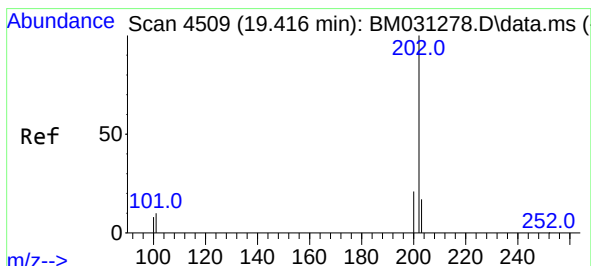
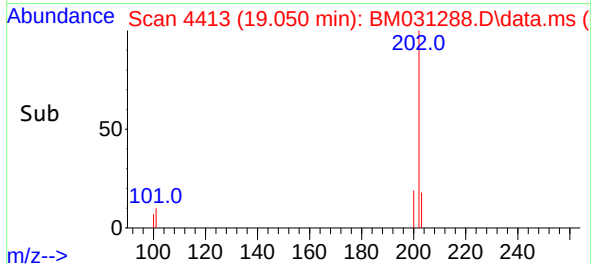
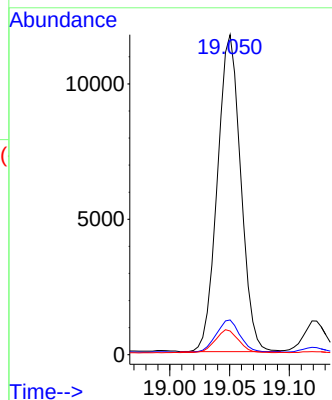
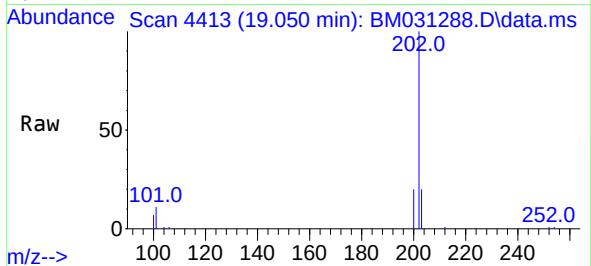
#19
Fluoranthene
Concen: 1.513 ng/u1
RT: 19.050 min Scan# 4413
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:202 Resp: 15924
Ion Ratio Lower Upper
202 100
101 10.9 6.6 10.0#
100 7.4 5.4 8.0

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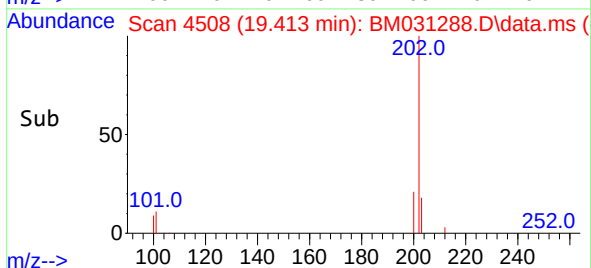
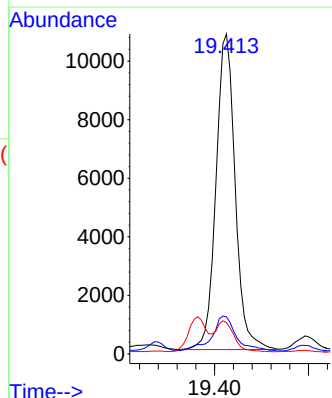
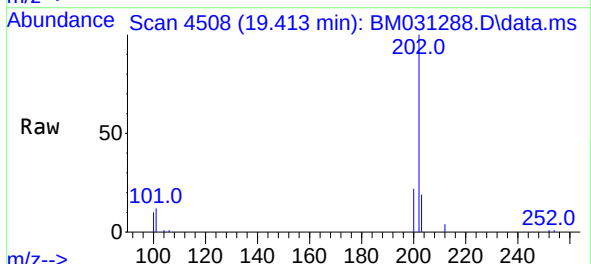
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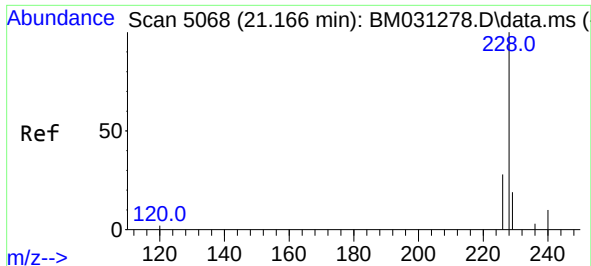
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#20
Pyrene
Concen: 1.430 ng/u1
RT: 19.413 min Scan# 4508
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:202 Resp: 15270
Ion Ratio Lower Upper
202 100
101 11.6 7.8 11.6
100 9.8 6.6 10.0





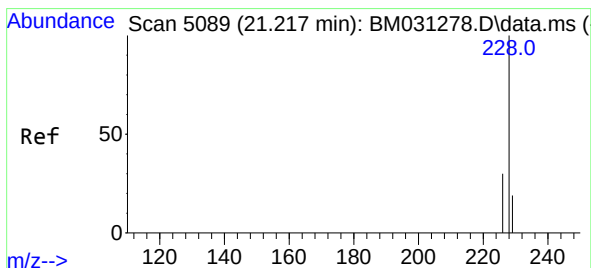
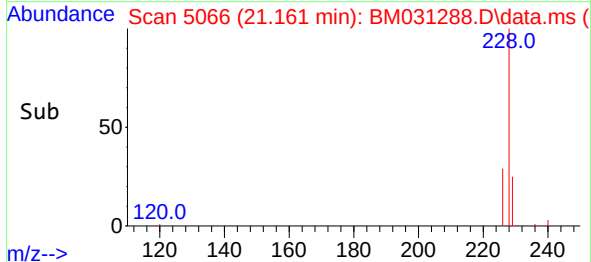
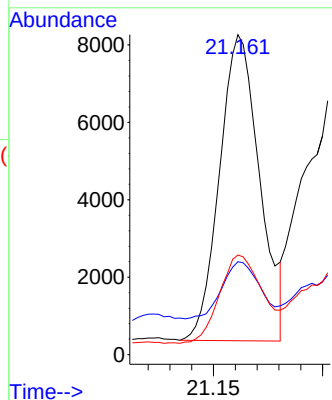
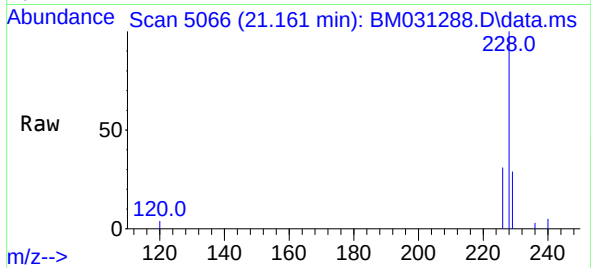
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Benzo(a)anthracene
Concen: 1.012 ng/ul
RT: 21.161 min Scan# 5066
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:228 Resp: 10077
Ion Ratio Lower Upper
228 100
229 29.0 15.6 23.4#
226 31.2 21.7 32.5

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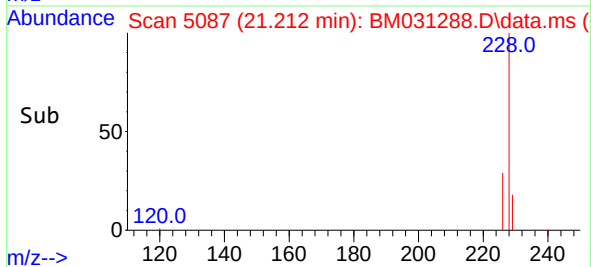
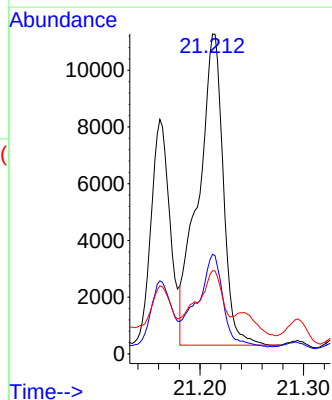
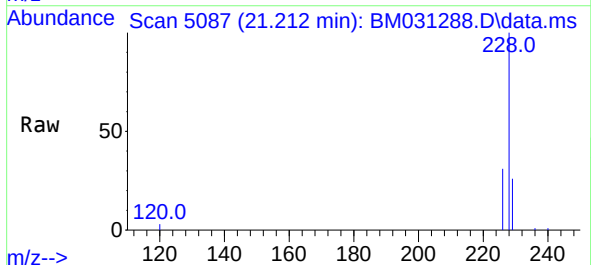
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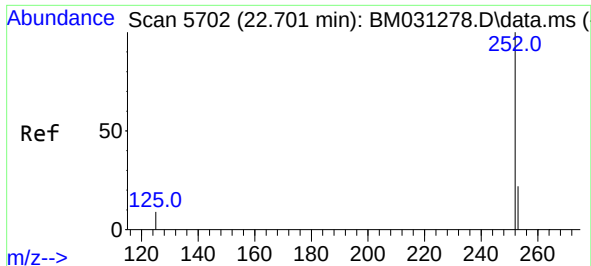
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#22
Chrysene
Concen: 1.782 ng/ul
RT: 21.212 min Scan# 5087
Delta R.T. -0.002 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:228 Resp: 18355
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 26.0 16.2 24.2#





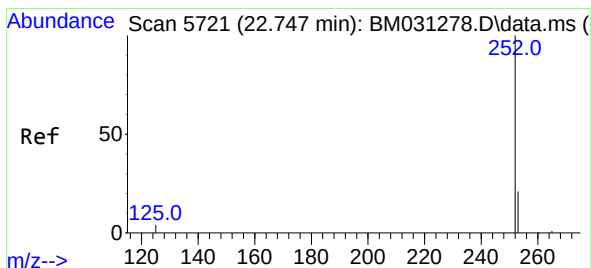
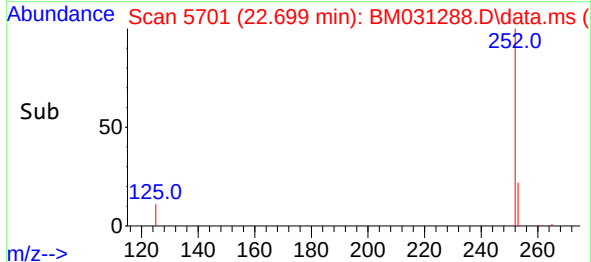
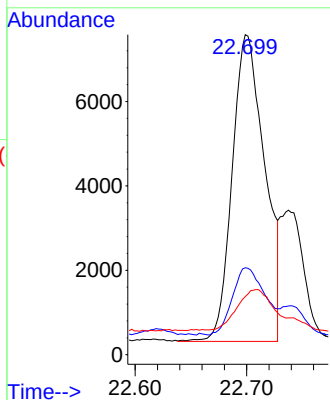
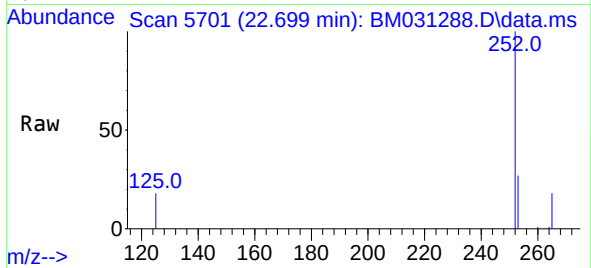
#24
Benzo(b)fluoranthene
Concen: 1.373 ng/ul m
RT: 22.699 min Scan# 5701
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:252	Resp:	14737
Ion Ratio	Lower	Upper
252	100	
253	27.2	0.0 53.0
125	18.1	0.0 22.8

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ClientSampled :
C0025DL

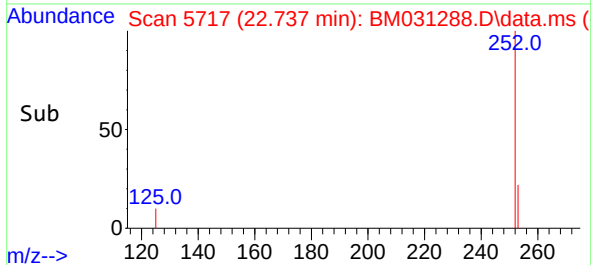
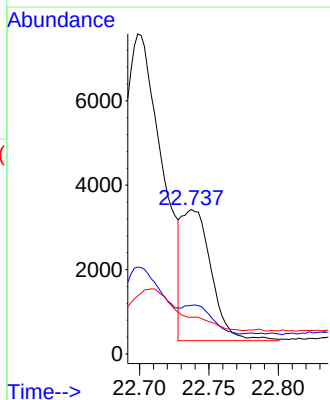
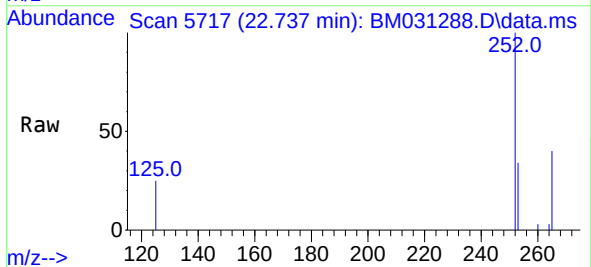
Manual Integrations
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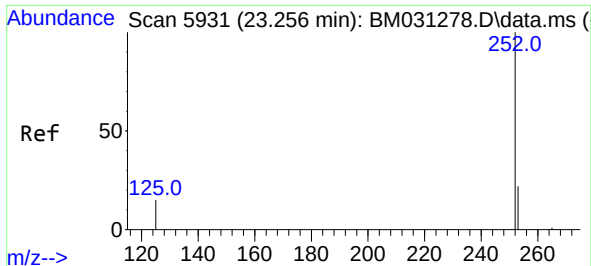
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#25
Benzo(k)fluoranthene
Concen: 0.417 ng/ul m
RT: 22.737 min Scan# 5717
Delta R.T. -0.002 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:252	Resp:	4625
Ion Ratio	Lower	Upper
252	100	
253	33.6	21.3 31.9#
125	25.5	8.8 13.2#





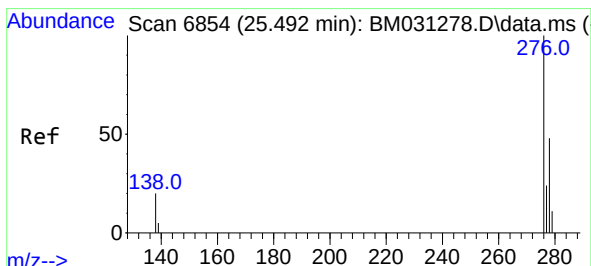
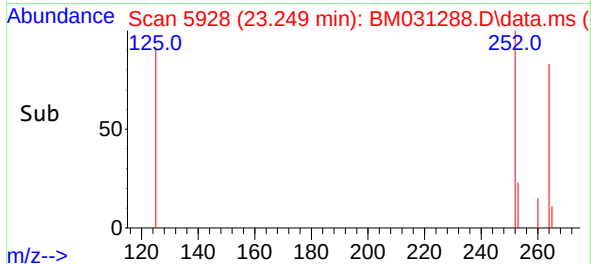
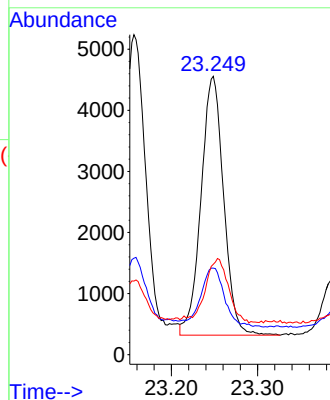
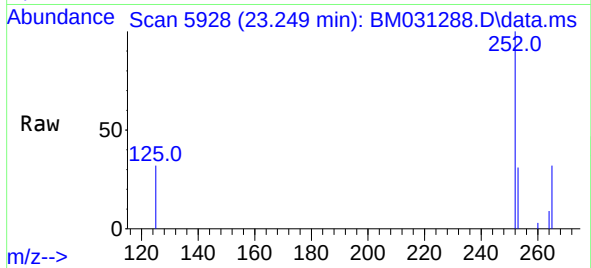
#26
Benzo(a)pyrene
Concen: 0.823 ng/ul
RT: 23.249 min Scan# 5928
Delta R.T. 0.000 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:	252	Resp:	7737
Ion Ratio	Lower	Upper	
252	100		
253	31.1	22.4	33.6
125	32.5	13.0	19.4#

Instrument :
BNA_M
ClientSampled :
C0025DL

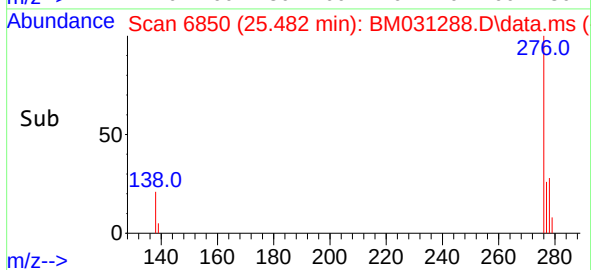
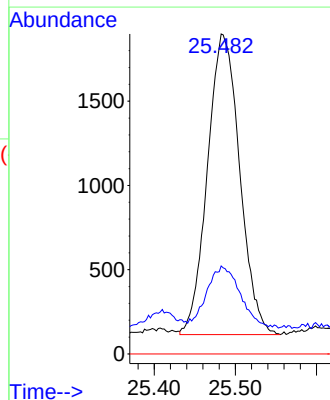
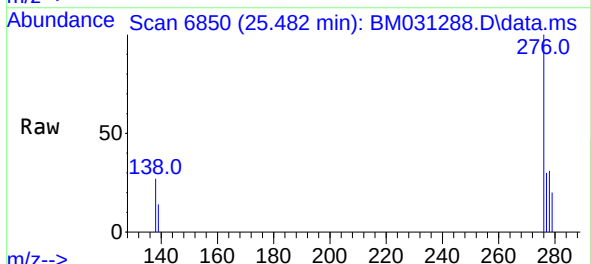
Manual Integrations
APPROVED

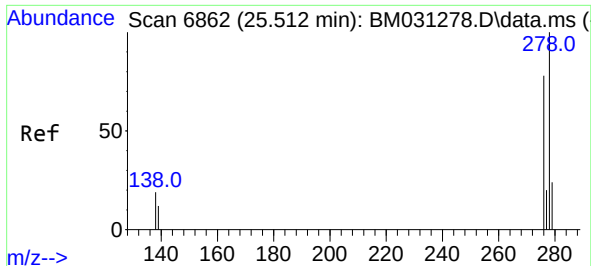
mohammad
8/2/2021 3:40:31 PM



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 25.482 min Scan# 6850
Delta R.T. -0.007 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:	276	Resp:	4926
Ion Ratio	Lower	Upper	
276	100		
138	21.0	15.8	23.8
227	0.0	0.0	0.0





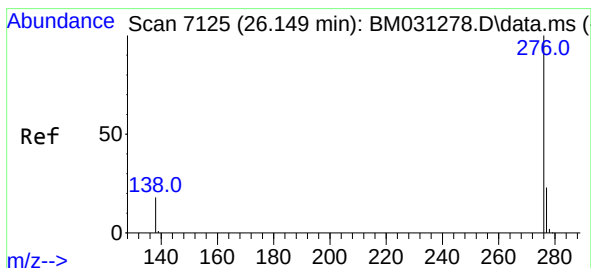
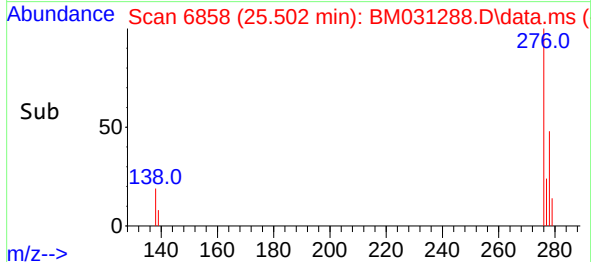
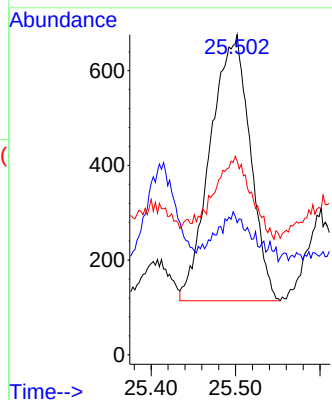
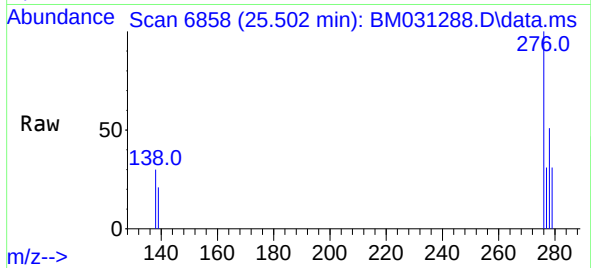
#28
Dibenzo(a,h)anthracene
Concen: 0.188 ng/ul
RT: 25.502 min Scan# 6858
Delta R.T. -0.002 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:278 Resp: 1837
Ion Ratio Lower Upper
278 100
139 41.3 13.3 19.9#
279 60.5 22.8 34.2#

Instrument :
BNA_M
ClientSampled :
C0025DL

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:31 PM



#29
Benzo(g,h,i)perylene
Concen: 0.428 ng/ul
RT: 26.139 min Scan# 7121
Delta R.T. -0.005 min
Lab File: BM031288.D
Acq: 30 Jul 2021 23:12

Tgt Ion:276 Resp: 4440
Ion Ratio Lower Upper
276 100
138 26.8 15.4 23.2#
277 28.2 19.9 29.9

