

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072921\
 Data File : BM031280.D
 Acq On : 30 Jul 2021 16:14
 Operator : CG/JU
 Sample : M3084-21
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0040

Manual Integrations
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Quant Time: Jul 30 17:04:04 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 14:17:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1324	0.40	ng/ul	0.00
4) Naphthalene-d8	10.373	136	4805	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.242	164	2835	0.40	ng/ul	0.00
13) Phenanthrene-d10	16.988	188	5610	0.40	ng/ul	# 0.00
17) Chrysene-d12	21.178	240	4983	0.40	ng/ul	0.00
23) Perylene-d12	23.345	264	5252	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	3599	2.45	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.965	152	1171	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.019	212	2545	0.15	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.423	128	1500	0.10	ng/ul#	94
7) 2-Methylnaphthalene	12.042	142	1217	0.12	ng/ul	98
8) 1-Methylnaphthalene	12.267	142	901	0.09	ng/ul	99
10) Acenaphthylene	13.962	152	1767	0.15	ng/ul	92
11) Acenaphthene	14.303	153	255	0.03	ng/ul#	88
12) Fluorene	15.292	166	393	0.03	ng/ul#	76
15) Phenanthrene	17.030	178	11049	0.62	ng/ul	99
16) Anthracene	17.120	178	2655	0.16	ng/ul#	94
19) Fluoranthene	19.050	202	22503	1.06	ng/ul	99
20) Pyrene	19.412	202	20796	0.96	ng/ul	98
21) Benzo(a)anthracene	21.163	228	12316	0.61	ng/ul	94
22) Chrysene	21.214	228	14956	0.72	ng/ul	96
24) Benzo(b)fluoranthene	22.703	252	18850m	0.80	ng/ul	
25) Benzo(k)fluoranthene	22.739	252	7171m	0.29	ng/ul	
26) Benzo(a)pyrene	23.251	252	11164	0.54	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	25.487	276	8553	0.32	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.494	278	2498	0.12	ng/ul#	68
29) Benzo(g,h,i)perylene	26.146	276	7600	0.33	ng/ul#	94

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

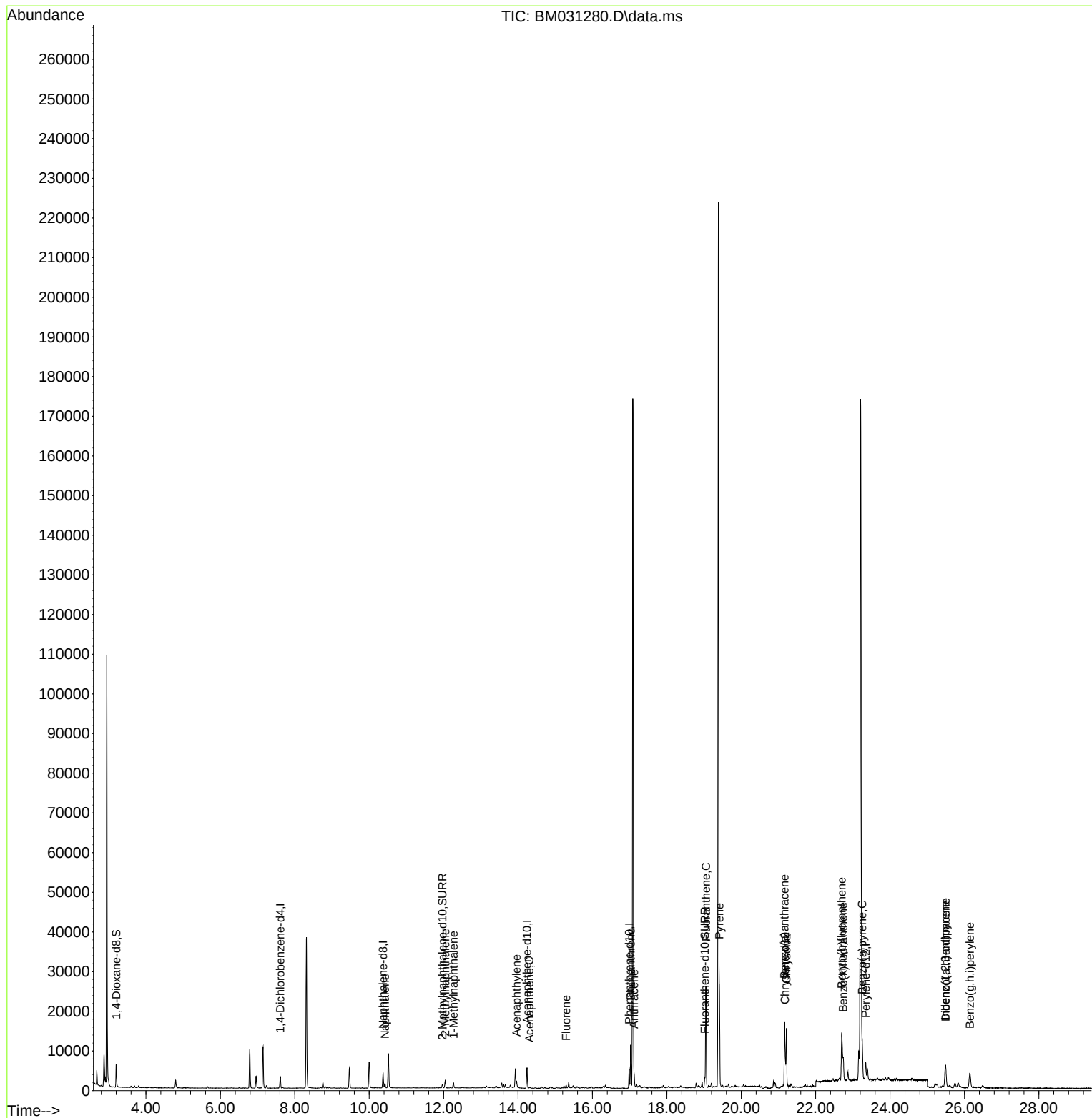
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Data File : BM031280.D
Acq On : 30 Jul 2021 16:14
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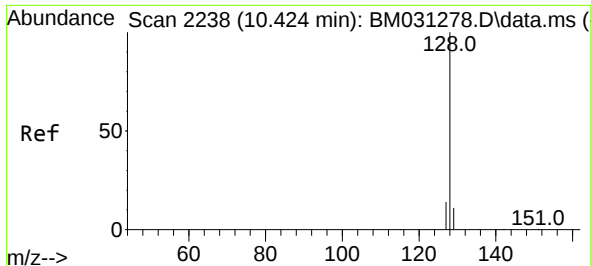
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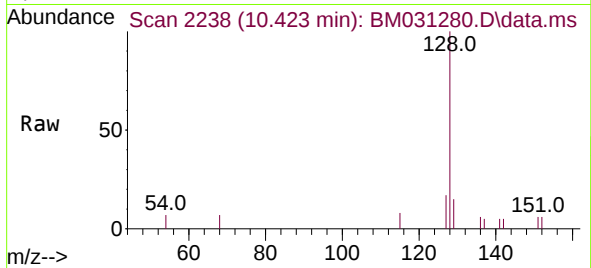
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Quant Time: Jul 30 17:04:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM072821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 30 14:17:26 2021
Response via : Initial Calibration

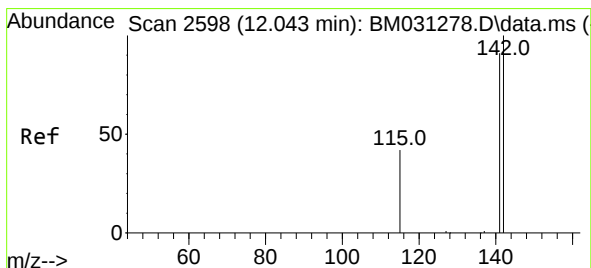
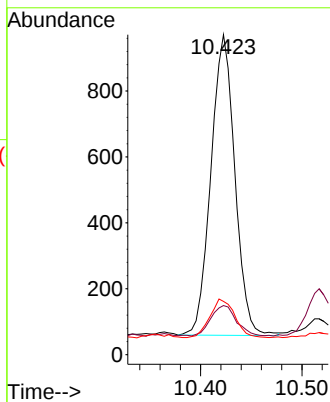
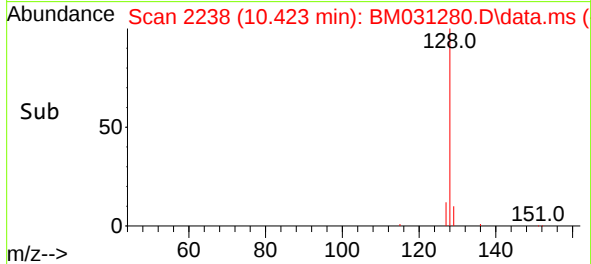




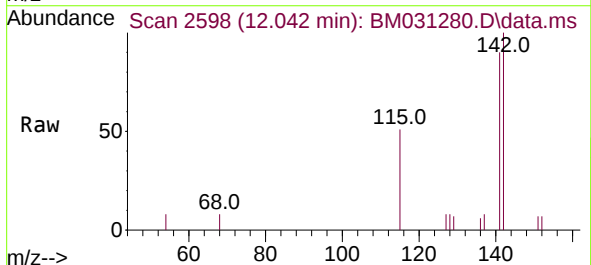
#5
Naphthalene
Concen: 0.10 ng/ul
RT: 10.423 min Scan# 2238
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14



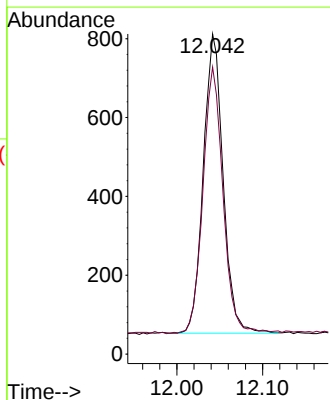
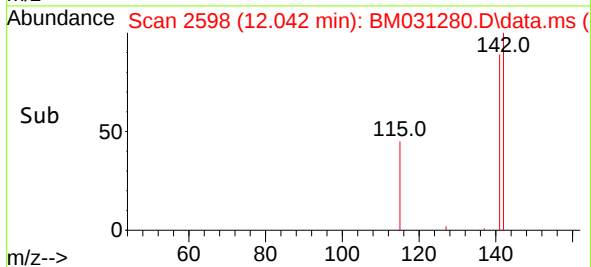
Tgt Ion:128 Resp: 1500
Ion Ratio Lower Upper
128 100
129 15.3 10.0 15.0#
127 16.7 11.6 17.4



#7
2-Methylnaphthalene
Concen: 0.12 ng/ul
RT: 12.042 min Scan# 2598
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14



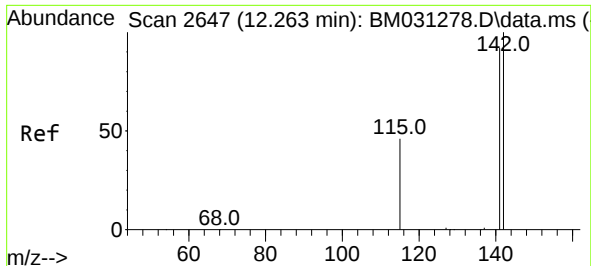
Tgt Ion:142 Resp: 1217
Ion Ratio Lower Upper
142 100
141 91.0 71.4 107.0



Instrument :
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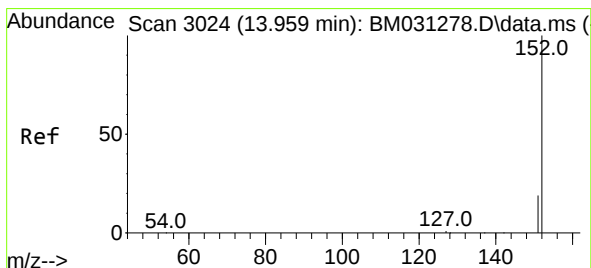
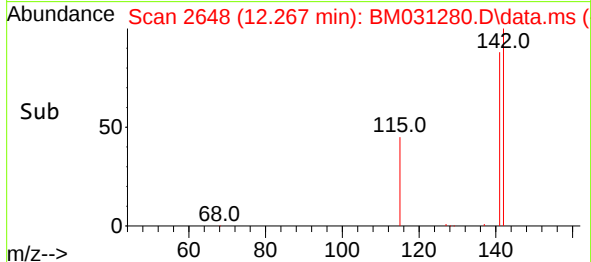
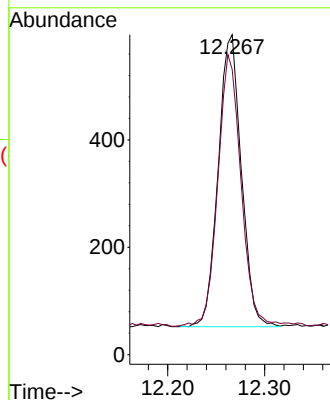
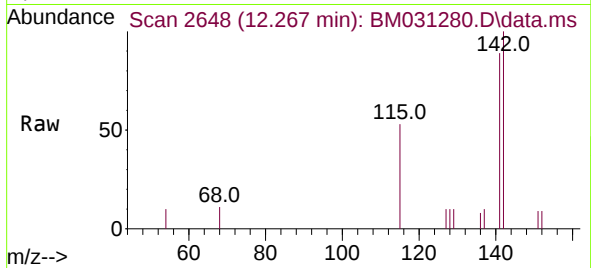
#8
1-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.267 min Scan# 2648
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:142 Resp: 901
Ion Ratio Lower Upper
142 100
141 93.8 74.1 111.1

Instrument :
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ClientSampled :
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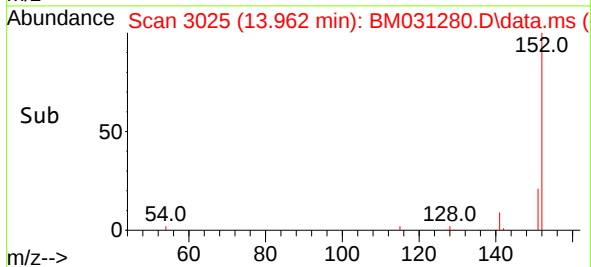
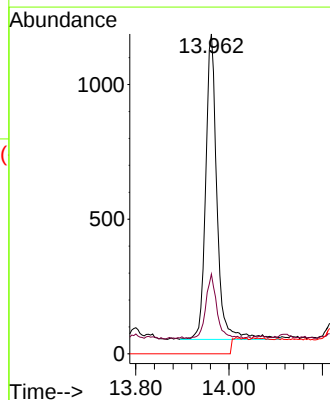
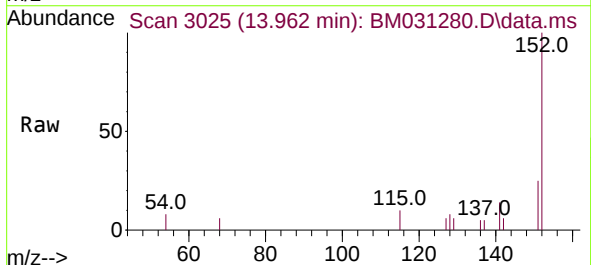
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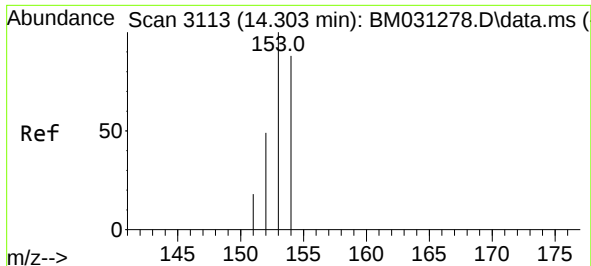
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#10
Acenaphthylene
Concen: 0.15 ng/ul
RT: 13.962 min Scan# 3025
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:152 Resp: 1767
Ion Ratio Lower Upper
152 100
151 24.9 16.9 25.3
153 0.0 0.0 0.0





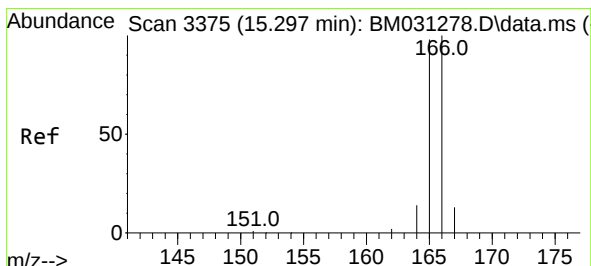
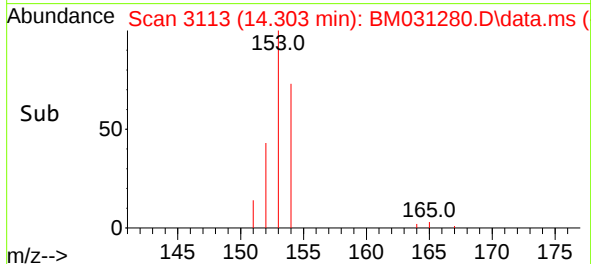
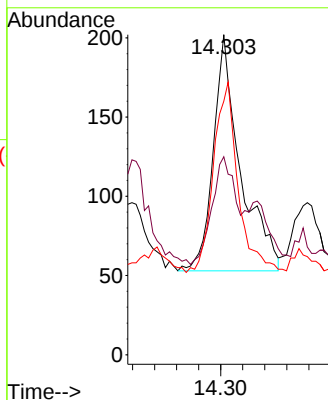
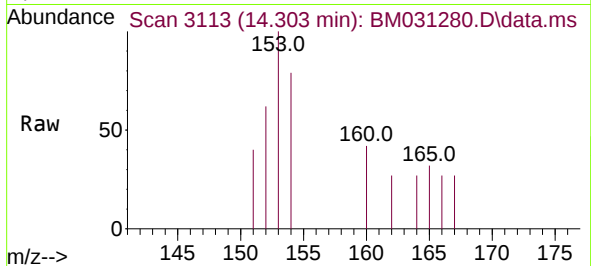
#11
Acenaphthene
Concen: 0.03 ng/ul
RT: 14.303 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:153 Resp: 255
Ion Ratio Lower Upper
153 100
152 61.9 40.7 61.1#
154 79.2 70.2 105.2

Instrument :
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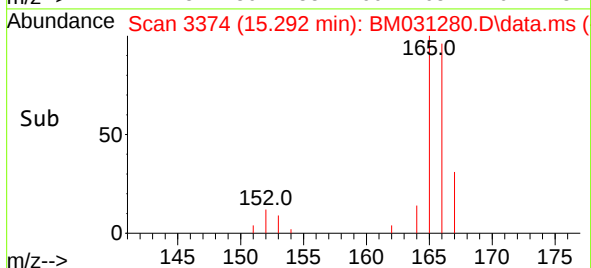
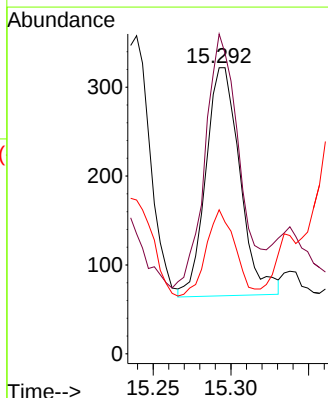
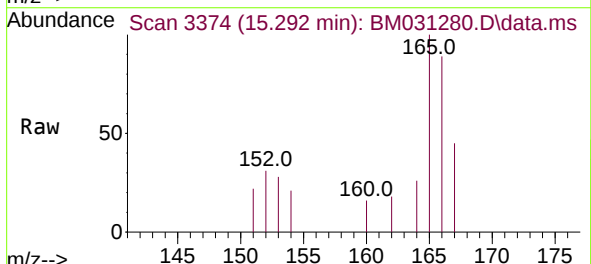
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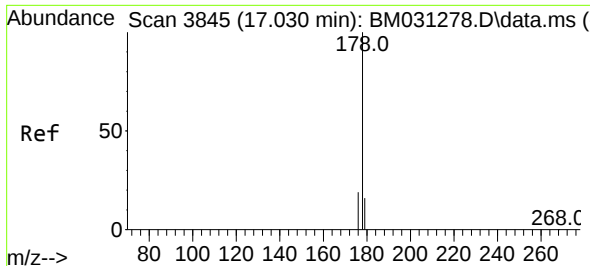
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#12
Fluorene
Concen: 0.03 ng/ul
RT: 15.292 min Scan# 3374
Delta R.T. -0.004 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

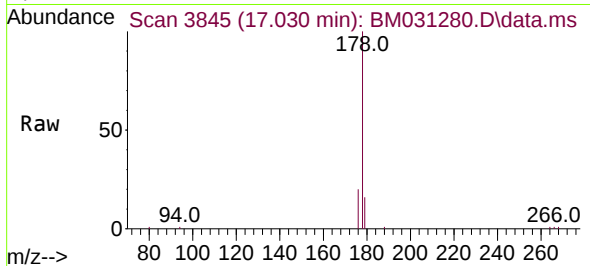
Tgt Ion:166 Resp: 393
Ion Ratio Lower Upper
166 100
165 111.8 78.0 117.0
167 50.3 12.0 18.0#





#15
Phenanthrene
Concen: 0.62 ng/ul
RT: 17.030 min Scan# 3845
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

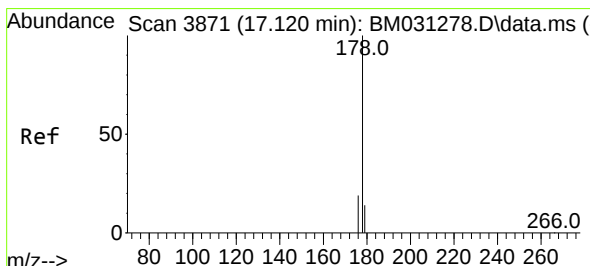
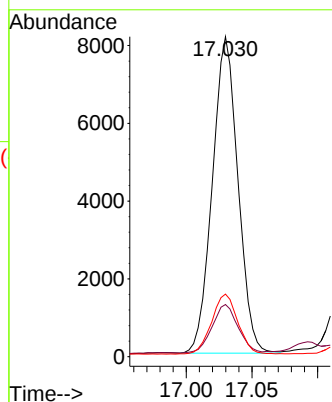
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BNA_M
ClientSampled :
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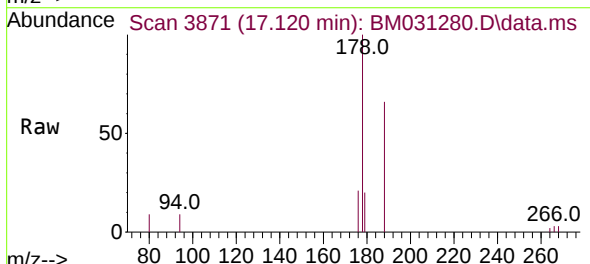
Tgt Ion:178 Resp: 11049
Ion Ratio Lower Upper
178 100
179 16.3 13.3 19.9
176 19.6 16.2 24.4

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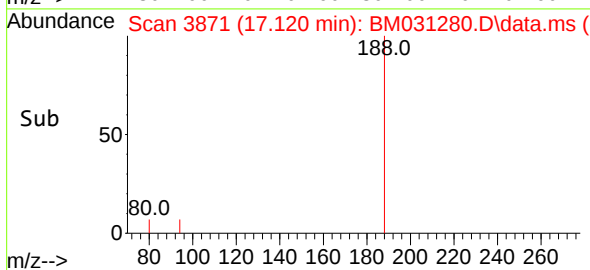
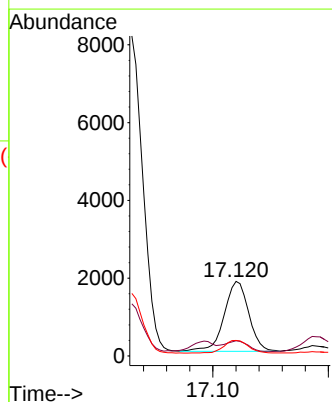
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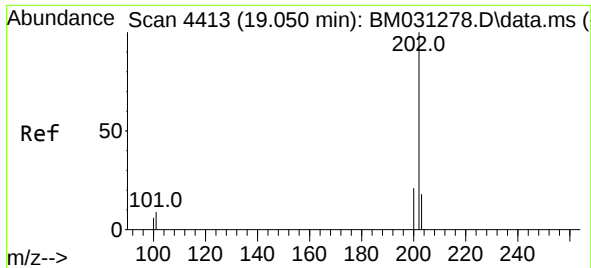


#16
Anthracene
Concen: 0.16 ng/ul
RT: 17.120 min Scan# 3871
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14



Tgt Ion:178 Resp: 2655
Ion Ratio Lower Upper
178 100
179 20.4 13.0 19.6#
176 20.8 15.6 23.4





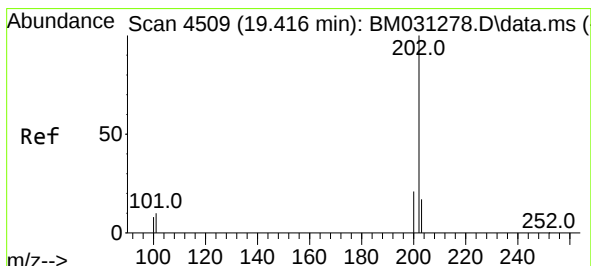
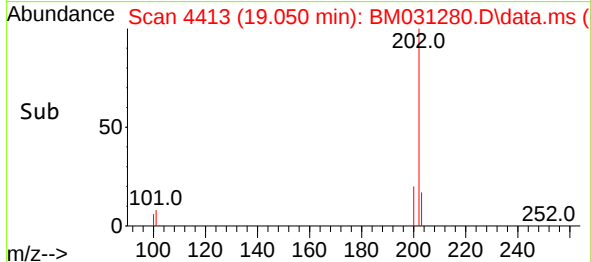
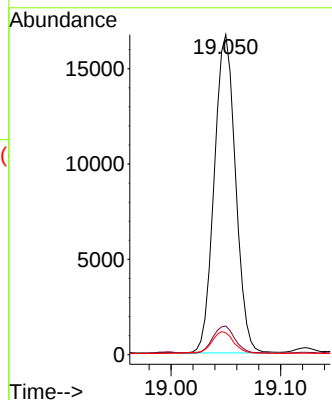
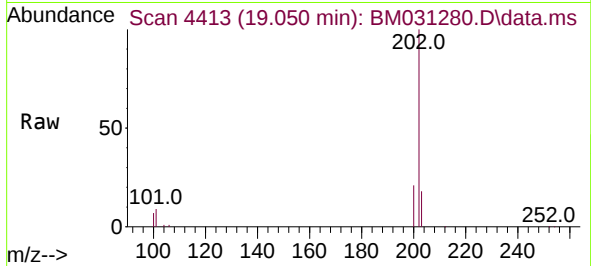
#19
Fluoranthene
Concen: 1.06 ng/ul
RT: 19.050 min Scan# 4413
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:	202	Resp:	22503
Ion Ratio	Lower	Upper	
202	100		
101	8.9	6.6	10.0
100	6.9	5.4	8.0

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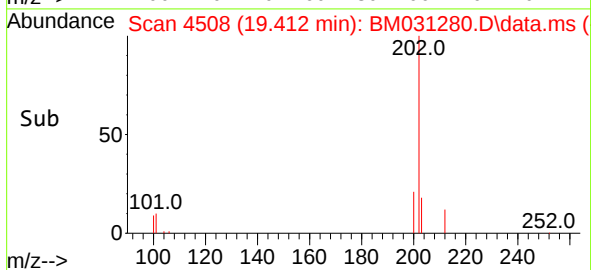
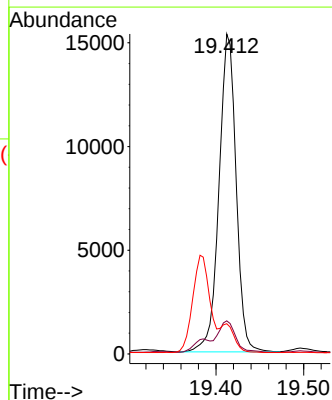
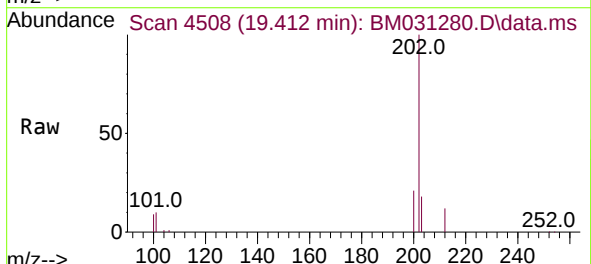
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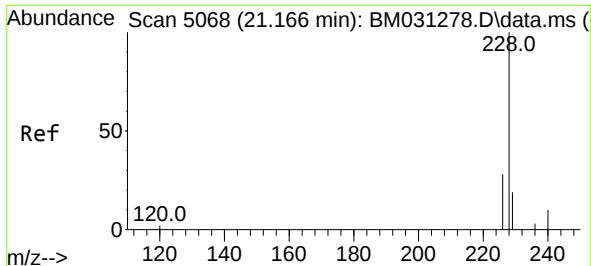
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#20
Pyrene
Concen: 0.96 ng/ul
RT: 19.412 min Scan# 4508
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:	202	Resp:	20796
Ion Ratio	Lower	Upper	
202	100		
101	10.4	7.8	11.6
100	9.4	6.6	10.0





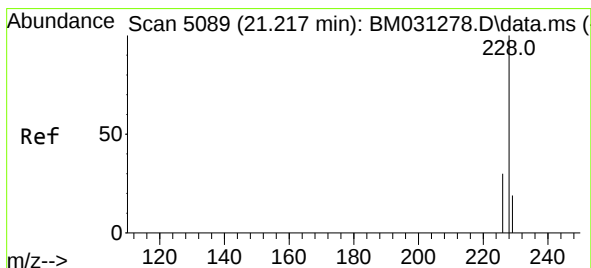
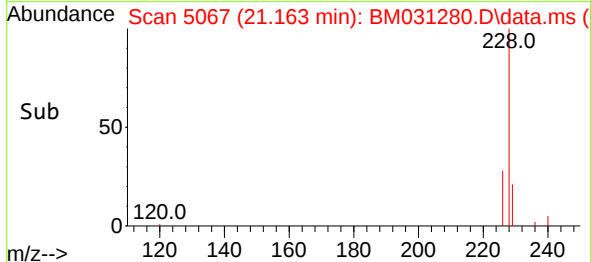
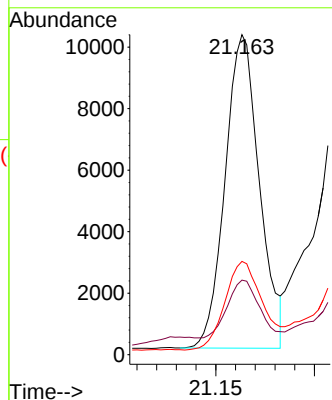
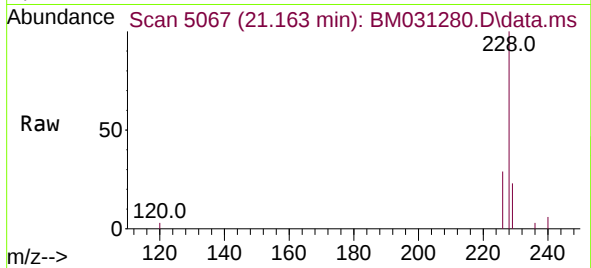
#21
Benzo(a)anthracene
Concen: 0.61 ng/ul
RT: 21.163 min Scan# 5067
Delta R.T. 0.002 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:228 Resp: 12316
Ion Ratio Lower Upper
228 100
229 23.3 15.6 23.4
226 29.1 21.7 32.5

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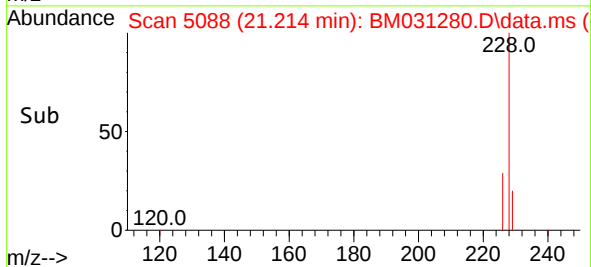
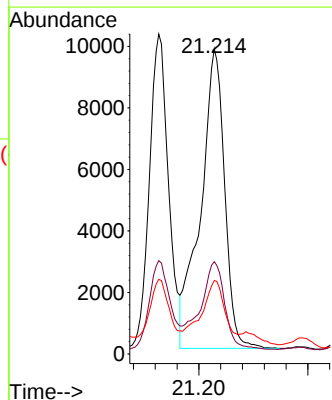
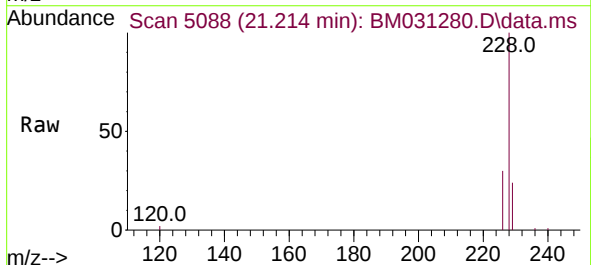
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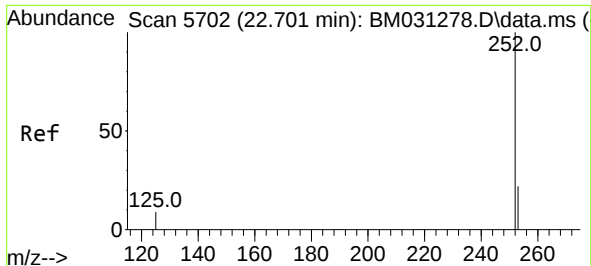
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#22
Chrysene
Concen: 0.72 ng/ul
RT: 21.214 min Scan# 5088
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:228 Resp: 14956
Ion Ratio Lower Upper
228 100
226 30.3 24.7 37.1
229 24.1 16.2 24.2





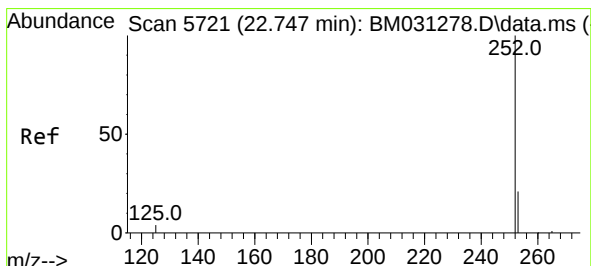
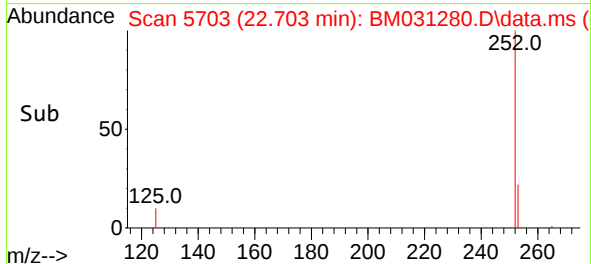
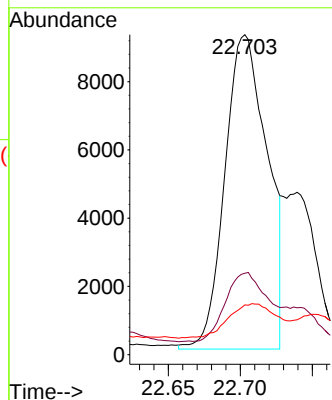
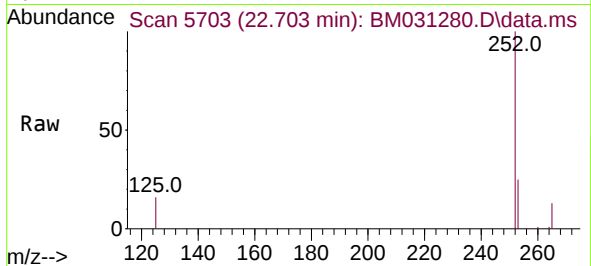
#24
Benzo(b)fluoranthene
Concen: 0.80 ng/ul m
RT: 22.703 min Scan# 5703
Delta R.T. 0.005 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:252 Resp: 18850
Ion Ratio Lower Upper
252 100
253 25.4 0.0 53.0
125 15.6 0.0 22.8

Instrument :
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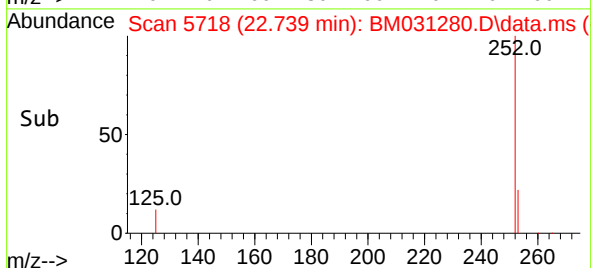
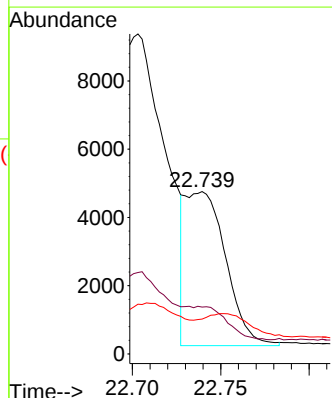
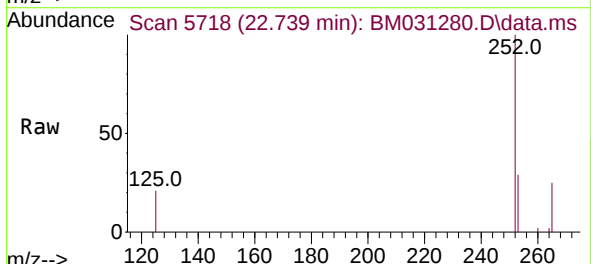
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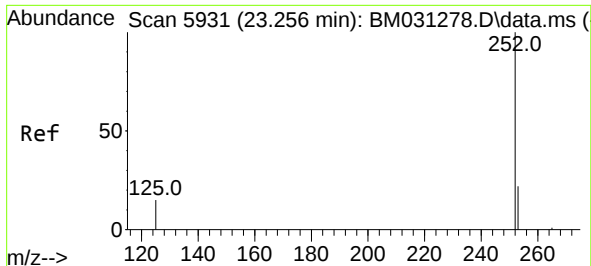
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#25
Benzo(k)fluoranthene
Concen: 0.29 ng/ul m
RT: 22.739 min Scan# 5718
Delta R.T. -0.000 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion:252 Resp: 7171
Ion Ratio Lower Upper
252 100
253 28.8 21.3 31.9
125 21.5 8.8 13.2#





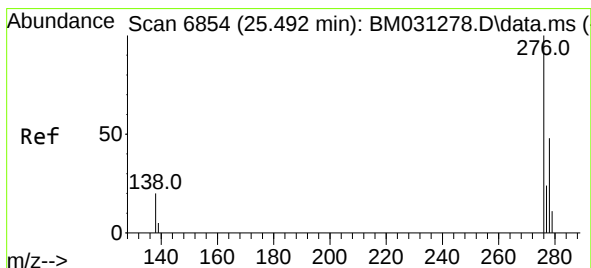
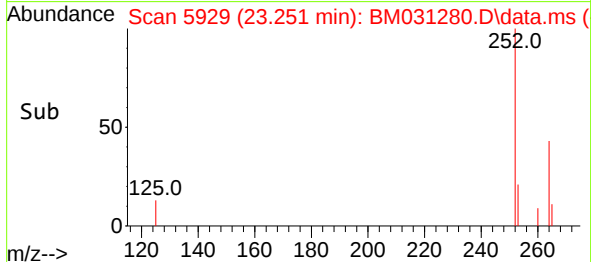
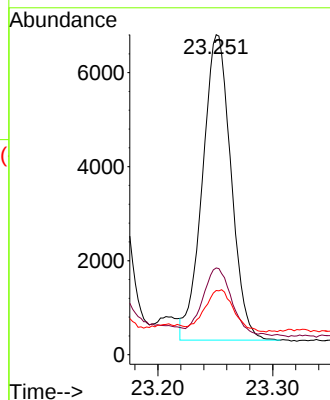
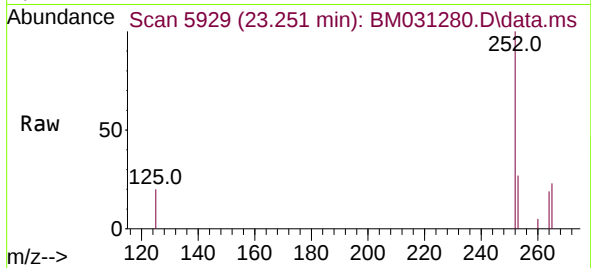
#26
Benzo(a)pyrene
Concen: 0.54 ng/ul
RT: 23.251 min Scan# 5929
Delta R.T. 0.002 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.4	33.6
125	20.0	13.0	19.4

Instrument :
BNA_M
ClientSampled :
C0040

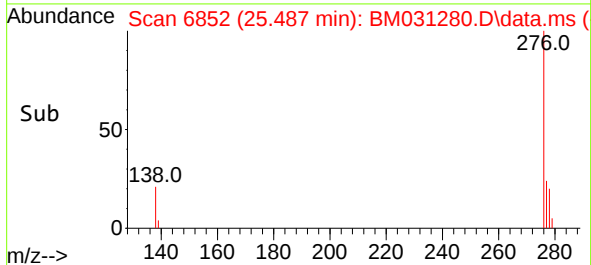
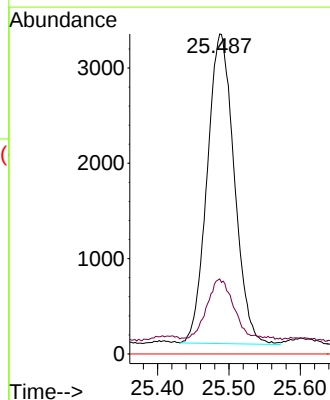
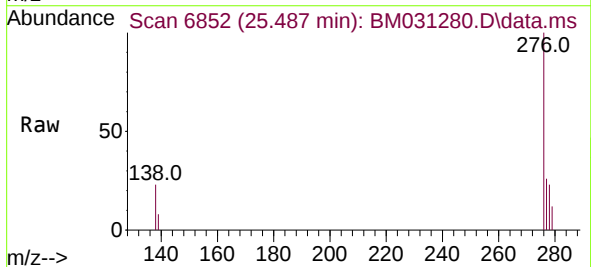
Manual Integrations
APPROVED

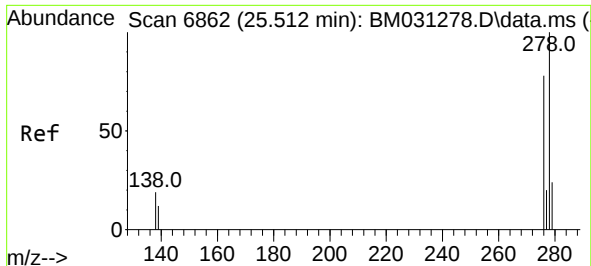
mohammad
8/2/2021 3:40:06 PM



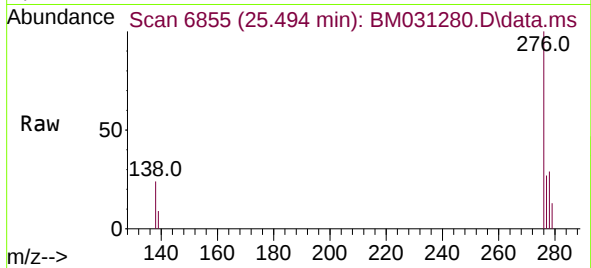
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng/ul
RT: 25.487 min Scan# 6852
Delta R.T. -0.002 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.8
227	0.0	0.0	0.0

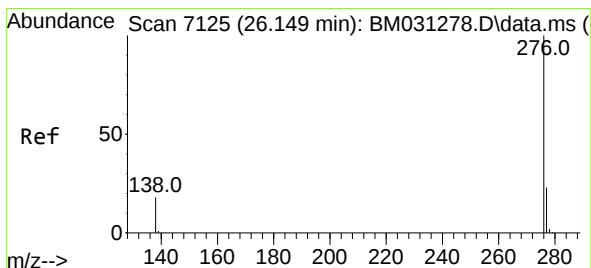
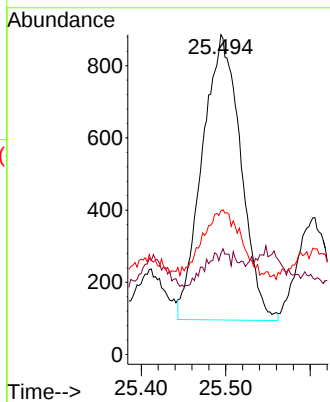
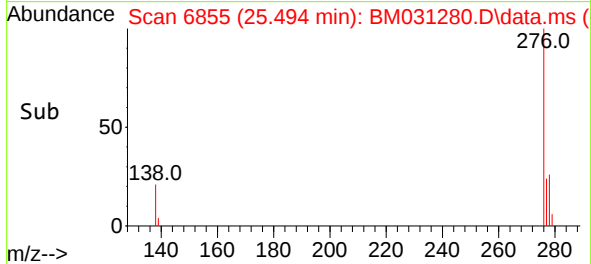




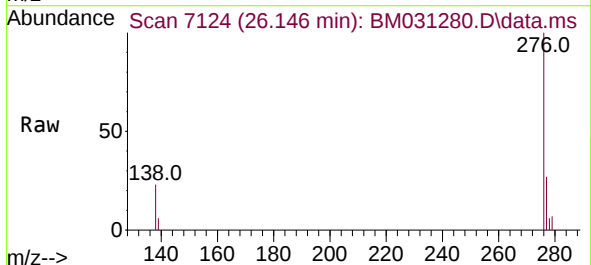
#28
Dibenzo(a,h)anthracene
Concen: 0.12 ng/ul
RT: 25.494 min Scan# 6855
Delta R.T. -0.010 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14



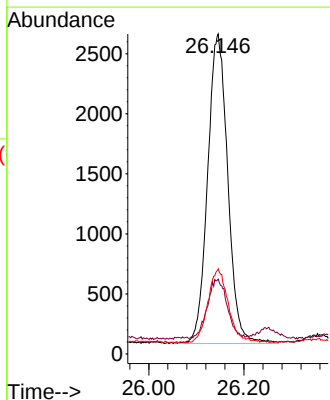
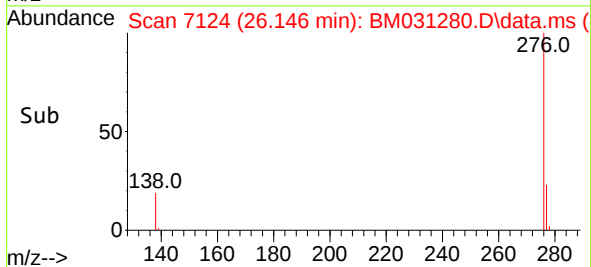
Tgt Ion: 278 Resp: 2498
Ion Ratio Lower Upper
278 100
139 31.6 13.3 19.9#
279 44.9 22.8 34.2#



#29
Benzo(g,h,i)perylene
Concen: 0.33 ng/ul
RT: 26.146 min Scan# 7124
Delta R.T. 0.002 min
Lab File: BM031280.D
Acq: 30 Jul 2021 16:14



Tgt Ion: 276 Resp: 7600
Ion Ratio Lower Upper
276 100
138 23.4 15.4 23.2#
277 26.6 19.9 29.9



Instrument :
BNA_M
ClientSampled :
C0040

Manual Integrations
APPROVED

mohammad
8/2/2021 3:40:06 PM