

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060321\
 Data File : BM030281.D
 Acq On : 03 Jun 2021 12:46
 Operator : CG/JU
 Sample : M2250-03
 Misc : SFAM-SIM-S-MDL-01
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
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Quant Time: Jun 03 13:19:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM060121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 03 10:49:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.864	152	5017	0.40	ng/ul	0.00
4) Naphthalene-d8	10.653	136	17891	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.485	164	9747	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	19338	0.40	ng/ul	0.00
17) Chrysene-d12	21.374	240	12485	0.40	ng/ul	0.00
23) Perylene-d12	23.661	264	10666	0.40	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2615	0.53	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	7210	0.28	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	12210	0.29	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.369	88	318	0.06	ng/ul#	79
5) Naphthalene	10.703	128	3668	0.07	ng/ul	95
7) 2-Methylnaphthalene	12.308	142	2525	0.07	ng/ul	100
8) 1-Methylnaphthalene	12.529	142	2140	0.06	ng/ul	99
10) Acenaphthylene	14.205	152	2975	0.06	ng/ul	96
11) Acenaphthene	14.542	153	2596	0.07	ng/ul	98
12) Fluorene	15.528	166	2946	0.07	ng/ul	98
14) Pentachlorophenol	16.867	266	390	0.06	ng/ul	97
15) Phenanthrene	17.256	178	4708	0.07	ng/ul	97
16) Anthracene	17.346	178	3896	0.07	ng/ul	96
19) Fluoranthene	19.264	202	4741	0.07	ng/ul	98
20) Pyrene	19.626	202	4715	0.07	ng/ul	95
21) Benzo(a)anthracene	21.357	228	3419	0.07	ng/ul	99
22) Chrysene	21.411	228	3892	0.07	ng/ul	97
24) Benzo(b)fluoranthene	22.968	252	4360m	0.08	ng/ul	
25) Benzo(k)fluoranthene	23.011	252	3582	0.07	ng/ul#	65
26) Benzo(a)pyrene	23.559	252	3252	0.08	ng/ul#	41
27) Indeno(1,2,3-cd)pyrene	25.974	276	3707	0.07	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.991	278	2906	0.06	ng/ul#	70
29) Benzo(g,h,i)perylene	26.684	276	3226	0.07	ng/ul#	89

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

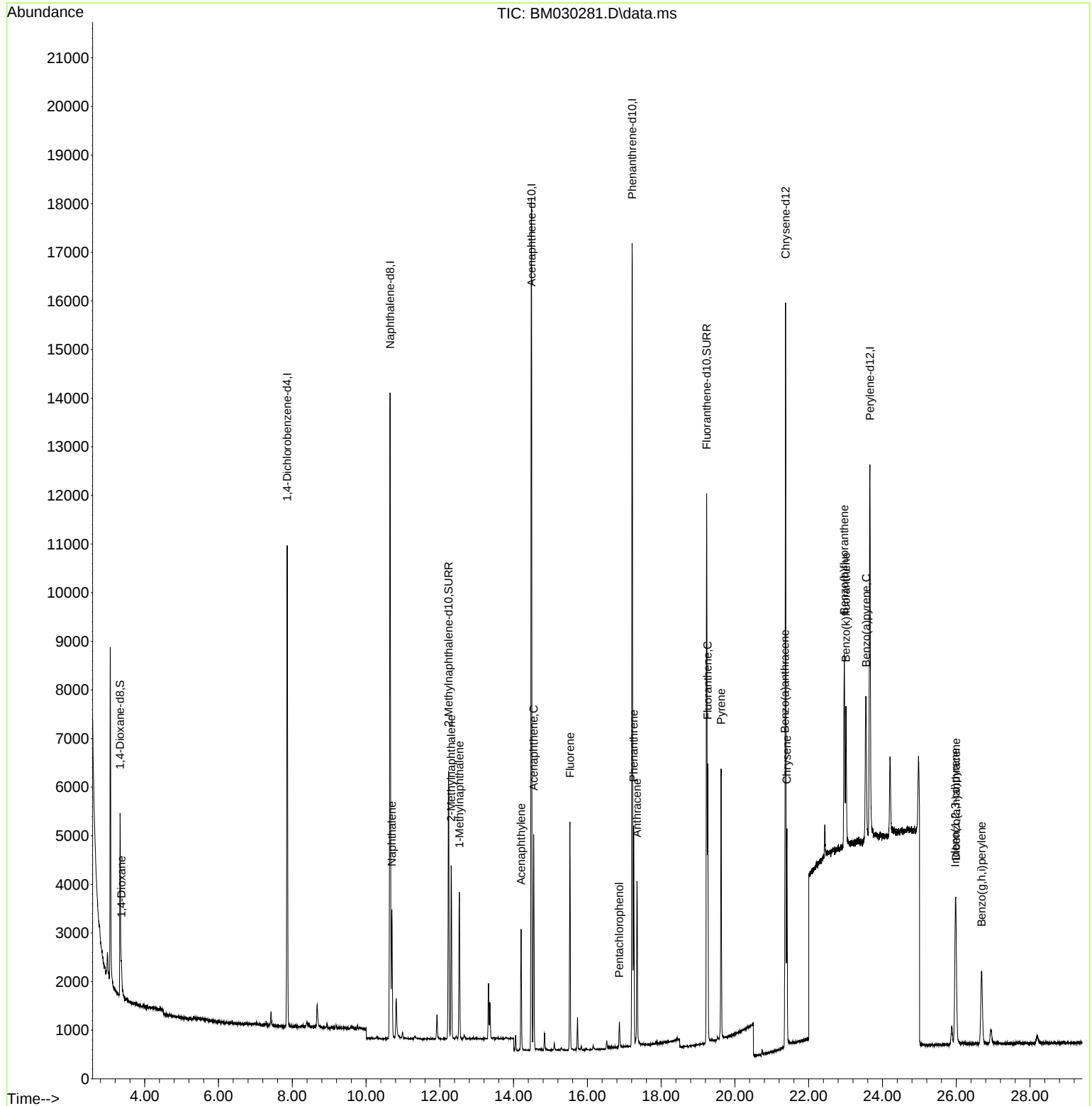
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060321\
Data File : BM030281.D
Acq On : 03 Jun 2021 12:46
Operator : CG/JU
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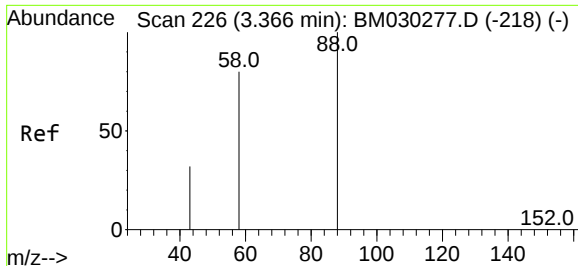
Instrument :
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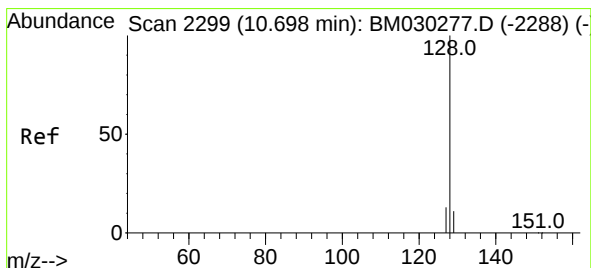
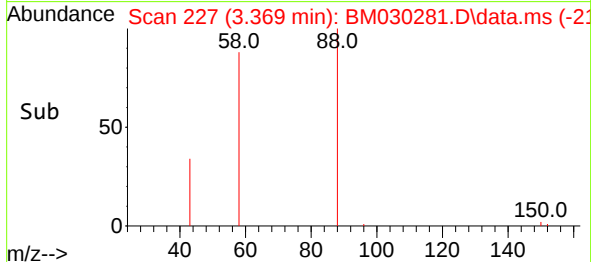
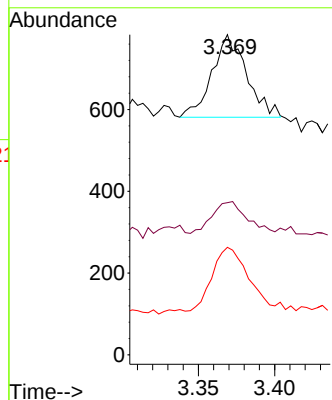
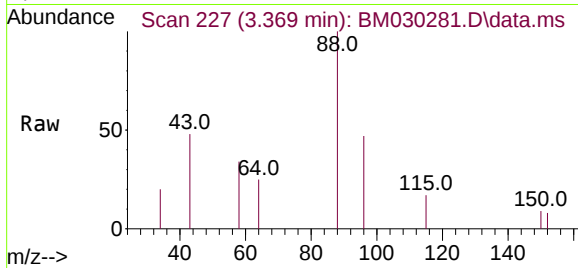
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1,4-Dioxane
Concen: 0.06 ng/ul
RT: 3.369 min Scan# 227
Delta R.T. 0.003 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion: 88 Resp: 318
Ion Ratio Lower Upper
88 100
43 47.5 38.2 57.4
58 33.6 49.8 74.8#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-05

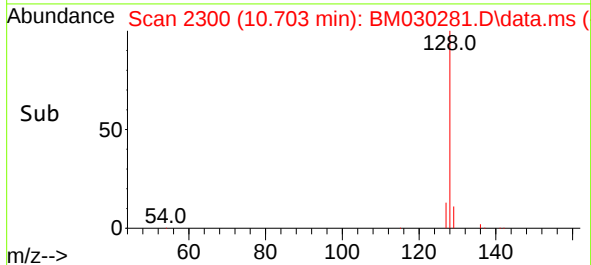
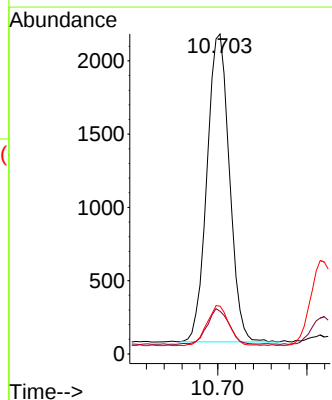
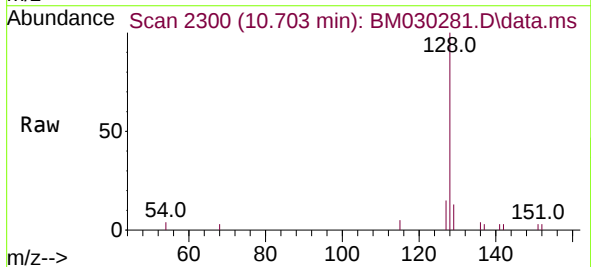
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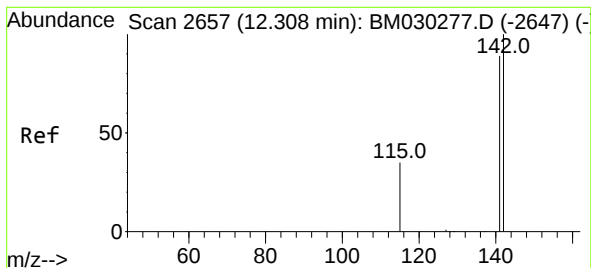
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#5
Naphthalene
Concen: 0.07 ng/ul
RT: 10.703 min Scan# 2300
Delta R.T. 0.005 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion: 128 Resp: 3668
Ion Ratio Lower Upper
128 100
129 13.3 9.0 13.4
127 14.9 10.5 15.7





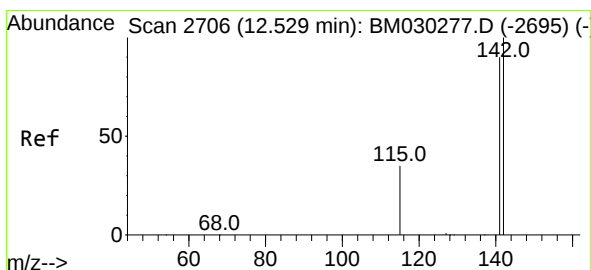
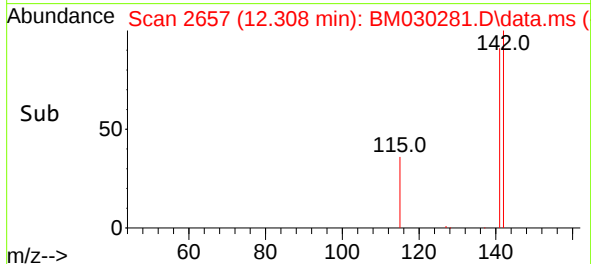
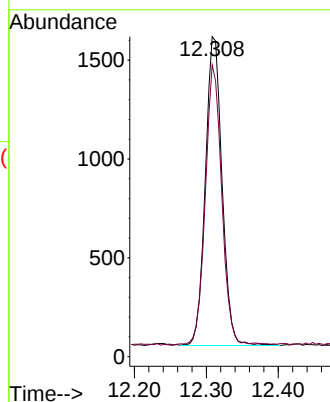
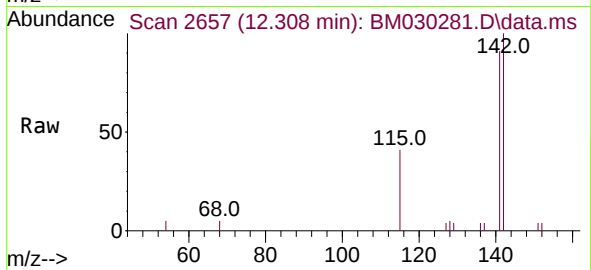
#7
2-Methylnaphthalene
Concen: 0.07 ng/ul
RT: 12.308 min Scan# 2657
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:142 Resp: 2525
Ion Ratio Lower Upper
142 100
141 89.0 71.5 107.3

Instrument :
BNA_M
ClientSampleId :
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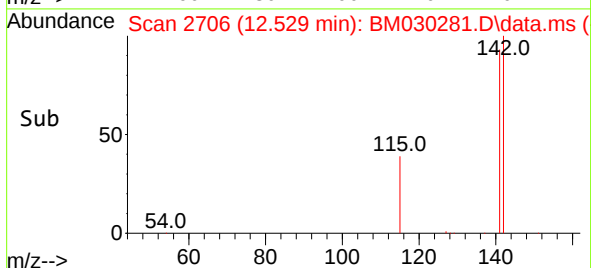
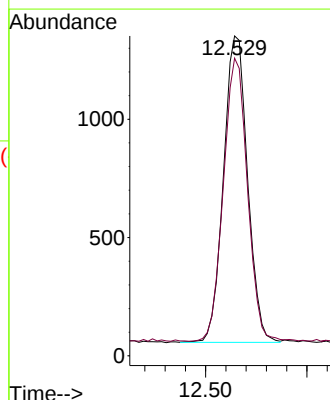
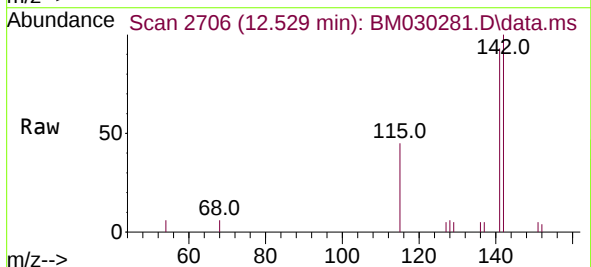
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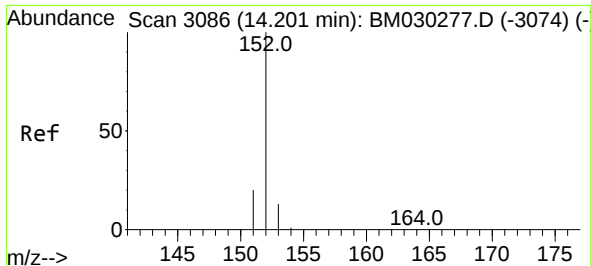
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#8
1-Methylnaphthalene
Concen: 0.06 ng/ul
RT: 12.529 min Scan# 2706
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:142 Resp: 2140
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





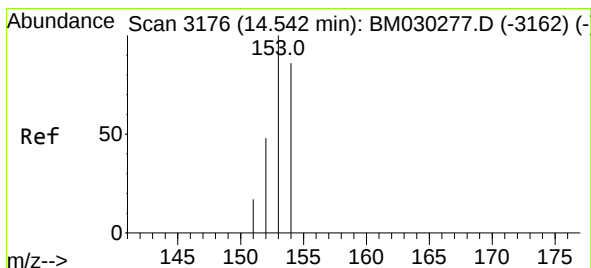
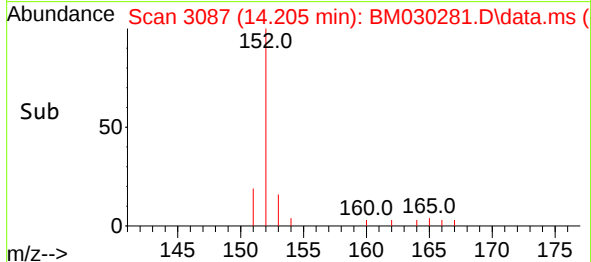
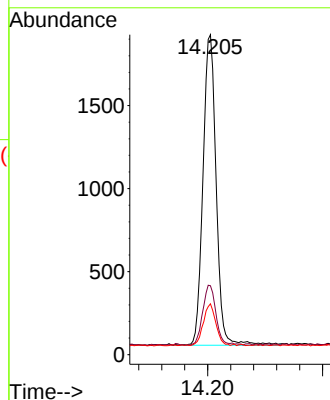
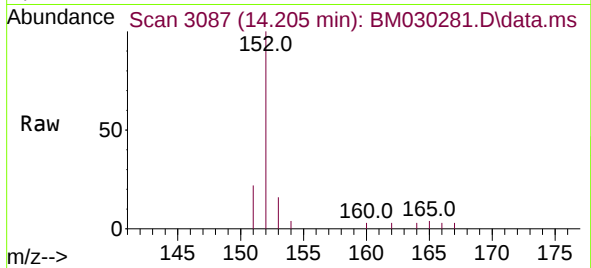
#10
Acenaphthylene
Concen: 0.06 ng/ul
RT: 14.205 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	152	Resp:	2975
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.2	24.2
153	15.9	10.9	16.3

Instrument :
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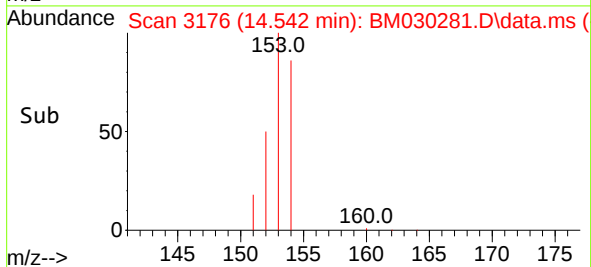
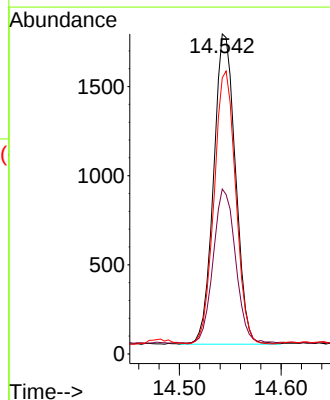
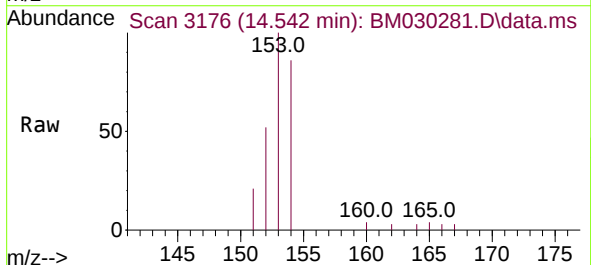
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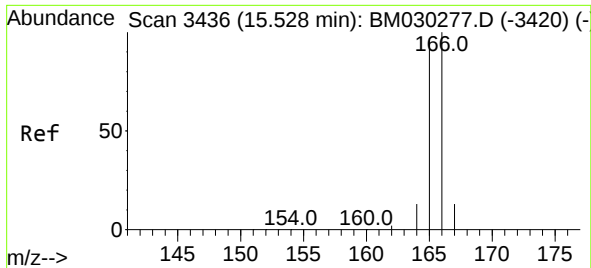
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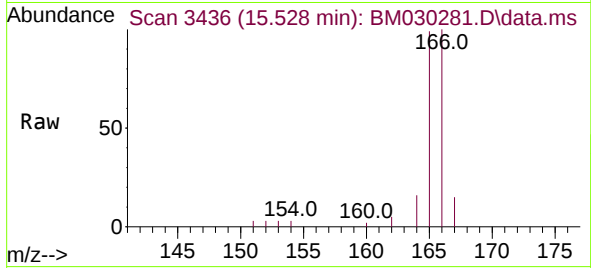
#11
Acenaphthene
Concen: 0.07 ng/ul
RT: 14.542 min Scan# 3176
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	153	Resp:	2596
Ion Ratio	Lower	Upper	
153	100		
152	51.5	39.8	59.8
154	86.3	70.9	106.3

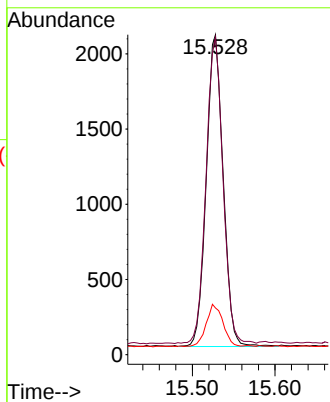
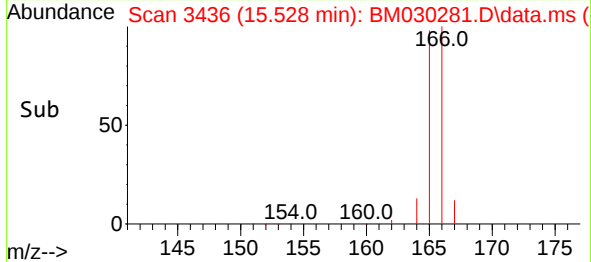




#12
Fluorene
Concen: 0.07 ng/ul
RT: 15.528 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



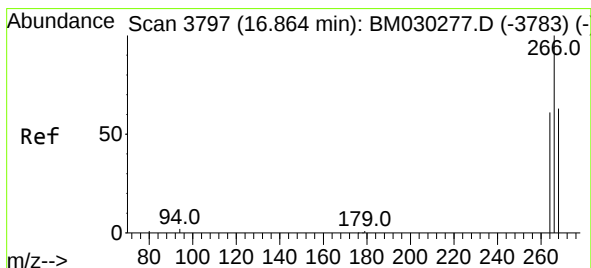
Tgt Ion:166 Resp: 2946
Ion Ratio Lower Upper
166 100
165 99.2 78.2 117.2
167 14.6 10.9 16.3



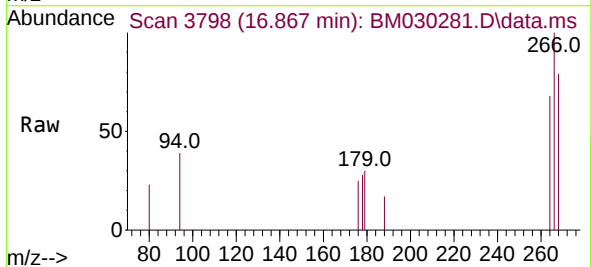
Instrument :
BNA_M
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MDL-SOIL-QT3-2021-05

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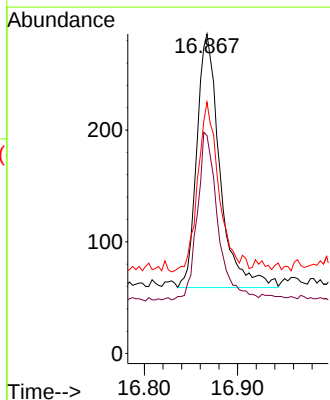
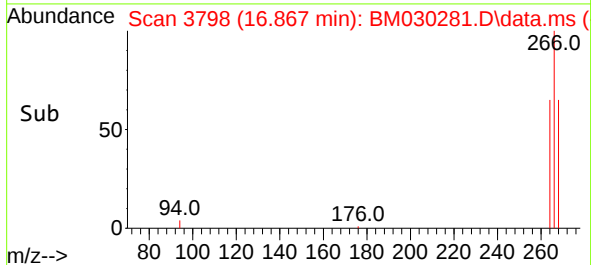
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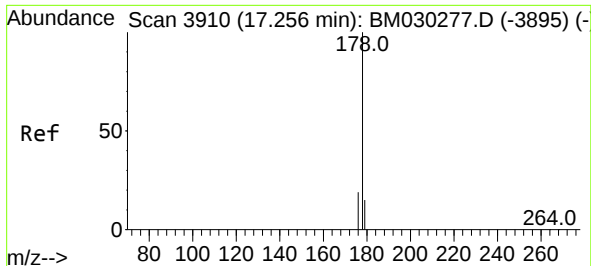


#14
Pentachlorophenol
Concen: 0.06 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. 0.003 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



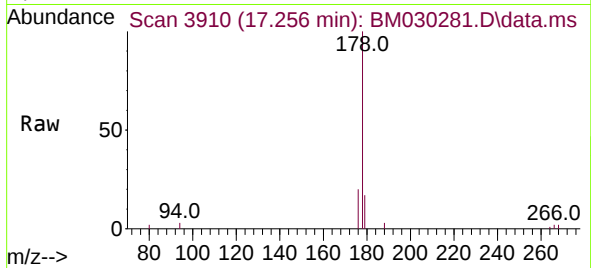
Tgt Ion:266 Resp: 390
Ion Ratio Lower Upper
266 100
264 58.7 50.6 75.8
268 62.1 50.0 75.0





#15
Phenanthrene
Concen: 0.07 ng/ul
RT: 17.256 min Scan# 3910
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

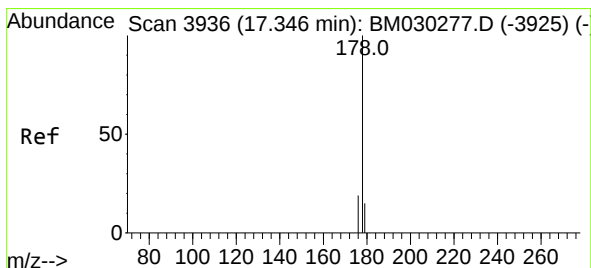
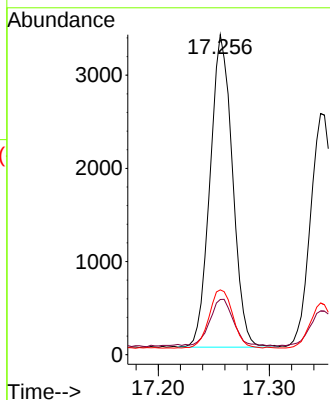
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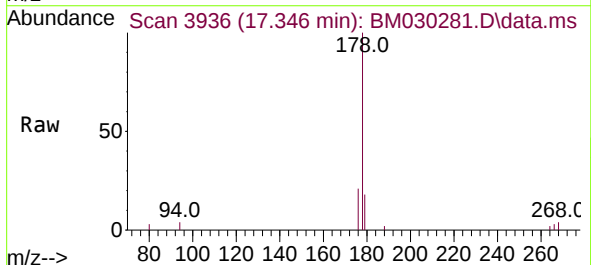
Tgt Ion:178 Resp: 4708
Ion Ratio Lower Upper
178 100
179 17.3 12.5 18.7
176 20.2 15.6 23.4

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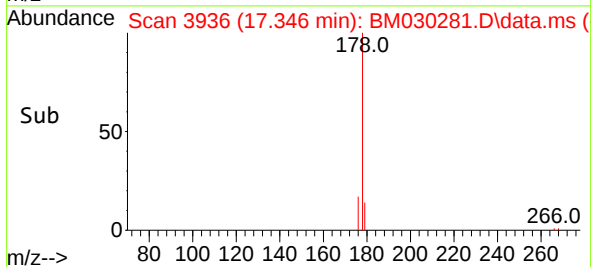
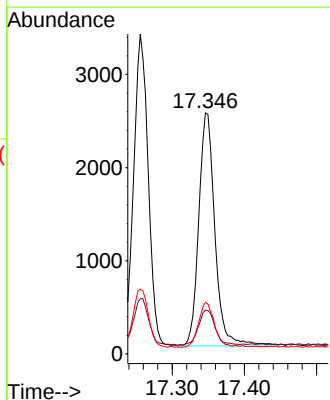
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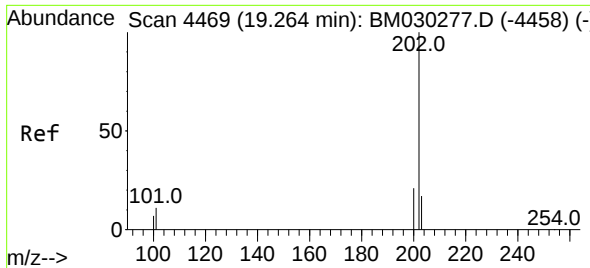


#16
Anthracene
Concen: 0.07 ng/ul
RT: 17.346 min Scan# 3936
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



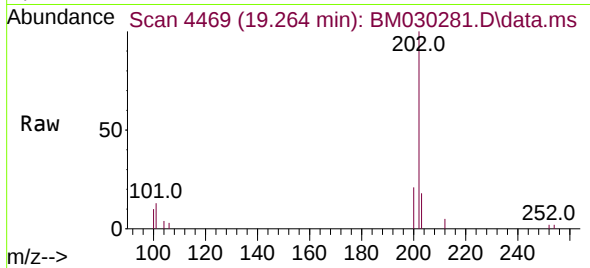
Tgt Ion:178 Resp: 3896
Ion Ratio Lower Upper
178 100
179 18.1 13.1 19.7
176 21.4 15.7 23.5





#19
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.264 min Scan# 4469
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

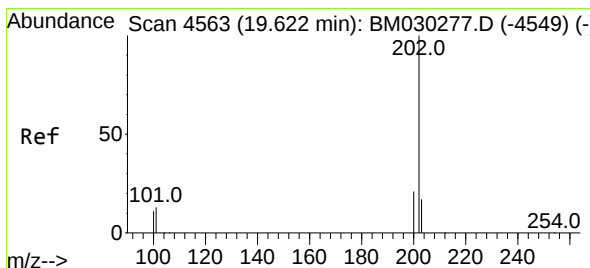
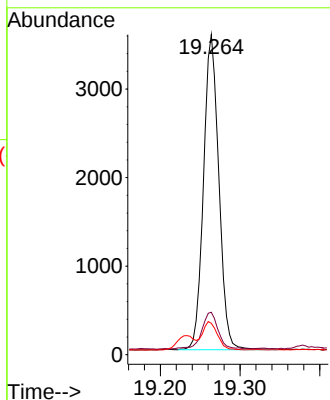
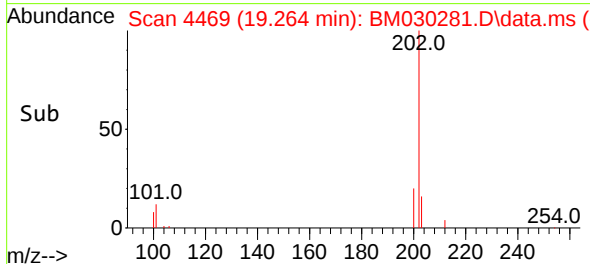
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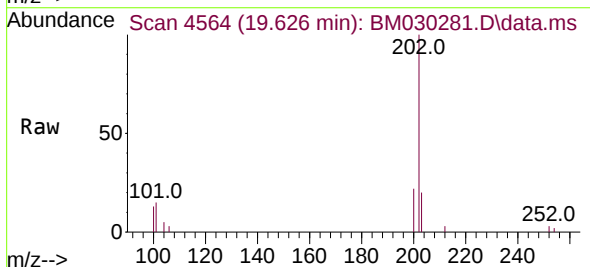
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Ion Ratio Lower Upper
202 100
101 13.3 9.7 14.5
100 9.8 7.4 11.0

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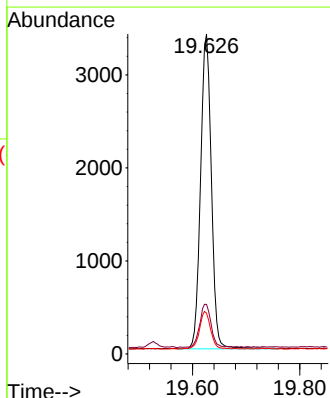
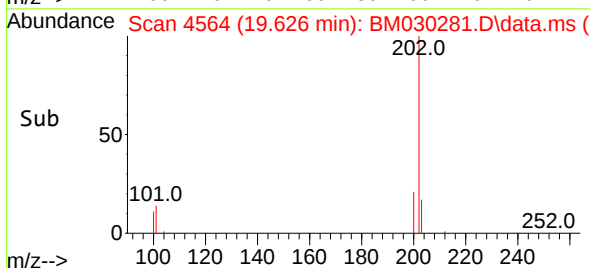
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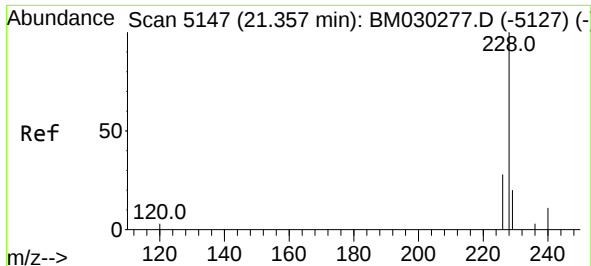


#20
Pyrene
Concen: 0.07 ng/ul
RT: 19.626 min Scan# 4564
Delta R.T. 0.004 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



Tgt Ion:202 Resp: 4715
Ion Ratio Lower Upper
202 100
101 15.5 10.6 16.0
100 12.8 8.9 13.3





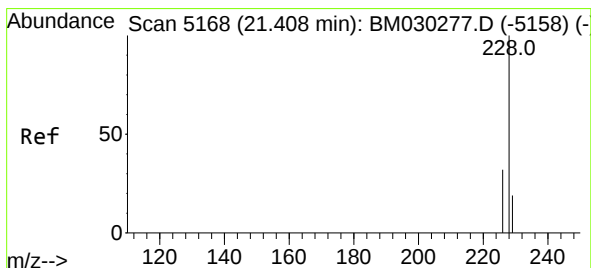
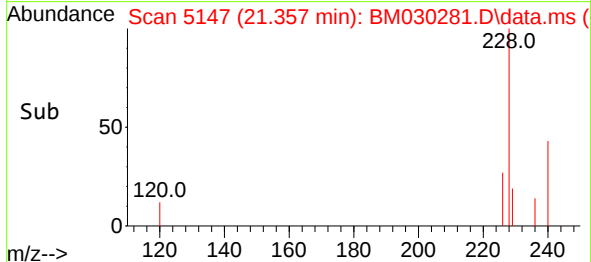
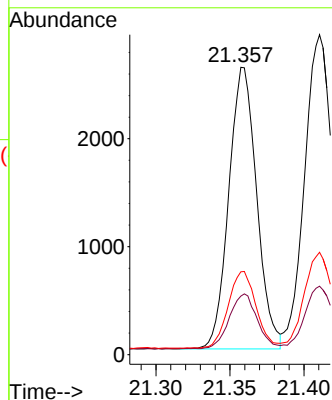
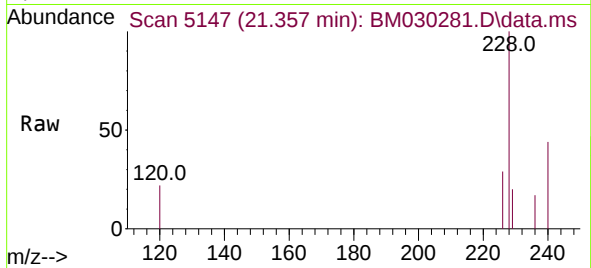
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Benzo(a)anthracene
Concen: 0.07 ng/ul
RT: 21.357 min Scan# 5147
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	228	Resp:	3419
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.9	23.9
226	28.8	22.3	33.5

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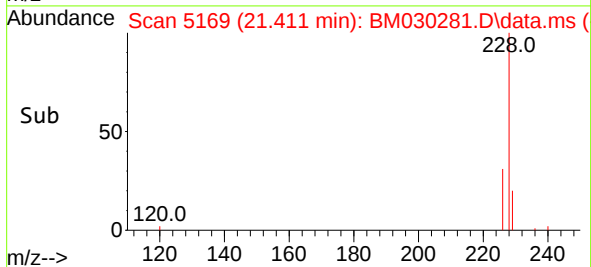
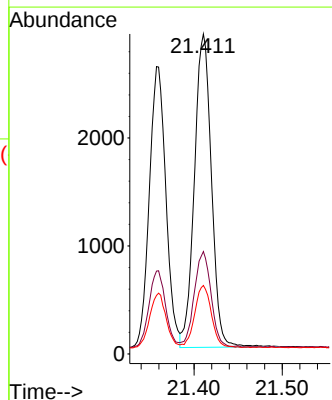
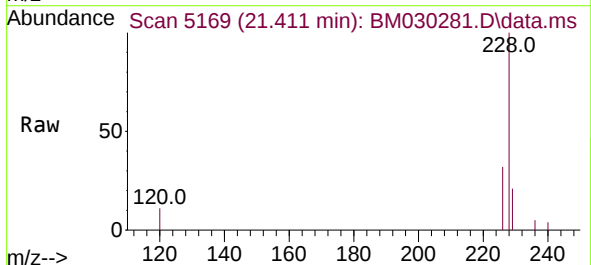
Manual Integrations
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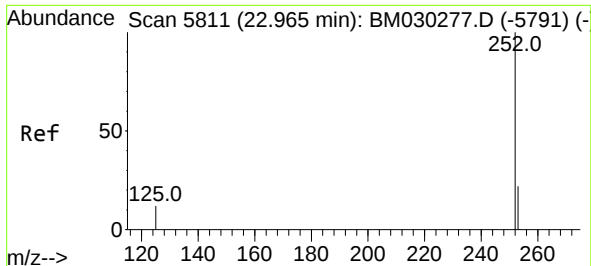
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#22
Chrysene
Concen: 0.07 ng/ul
RT: 21.411 min Scan# 5169
Delta R.T. 0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	228	Resp:	3892
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.7	37.1
229	21.4	15.7	23.5





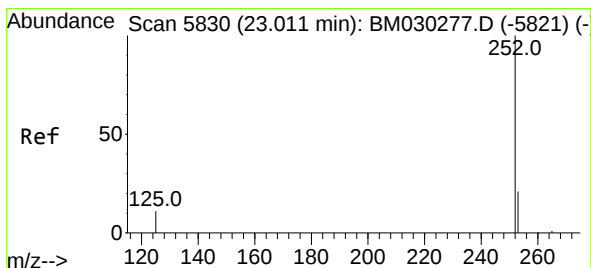
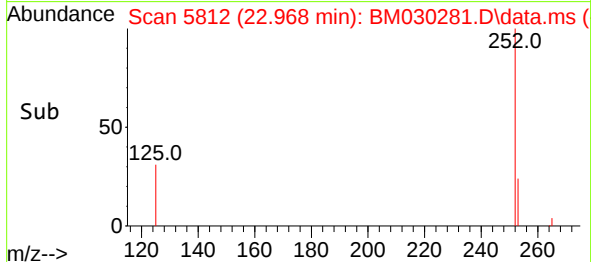
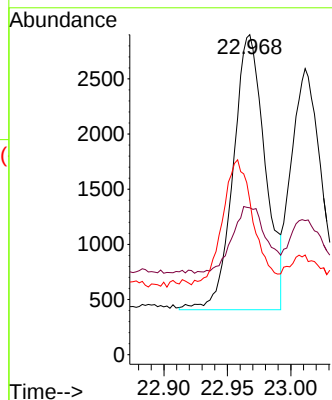
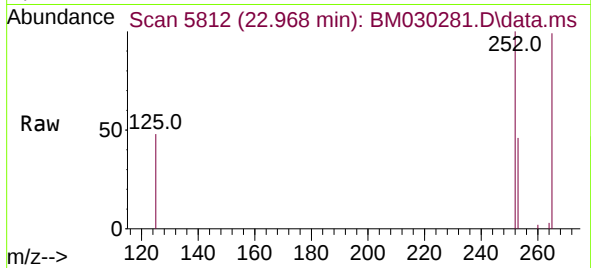
#24
Benzo(b)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.968 min Scan# 5812
Delta R.T. 0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:252 Resp: 4360
Ion Ratio Lower Upper
252 100
253 45.9 0.0 57.4
125 48.2 0.0 38.0#

Instrument :
BNA_M
ClientSampleId :
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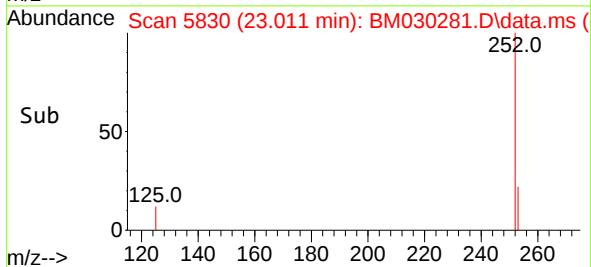
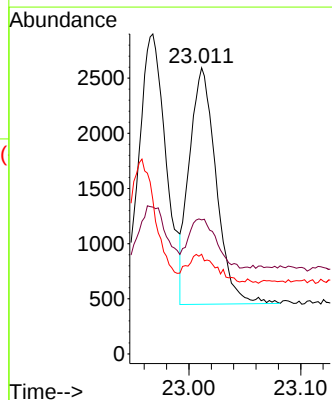
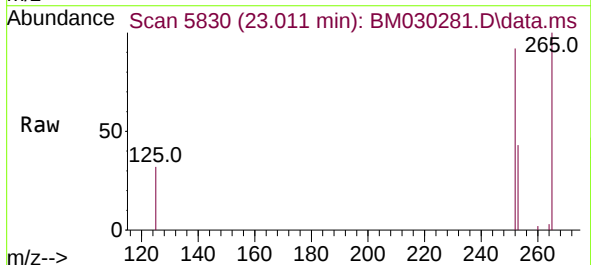
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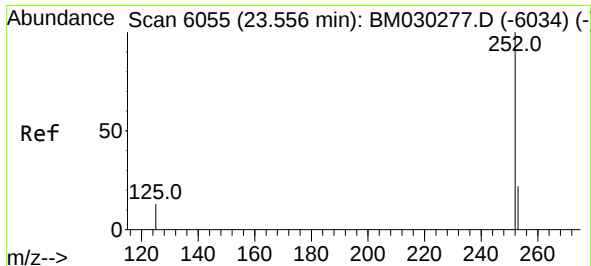
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#25
Benzo(k)fluoranthene
Concen: 0.07 ng/ul
RT: 23.011 min Scan# 5830
Delta R.T. 0.000 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:252 Resp: 3582
Ion Ratio Lower Upper
252 100
253 46.9 23.0 34.6#
125 34.9 14.8 22.2#





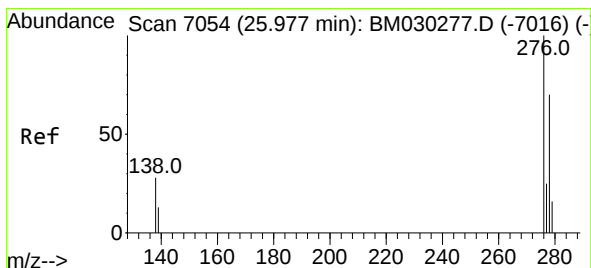
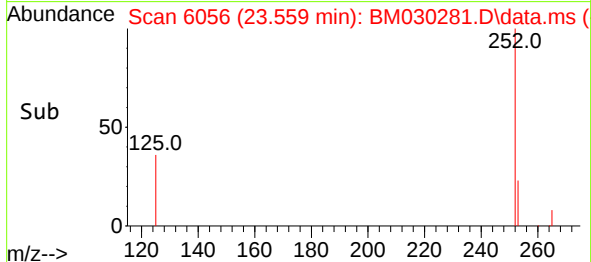
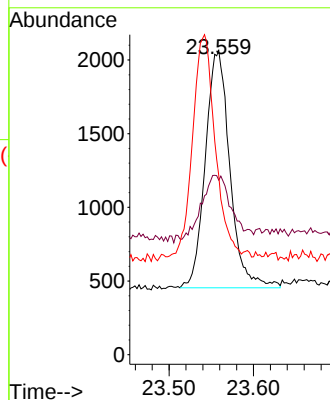
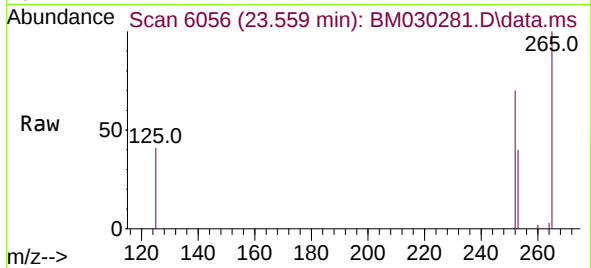
#26
Benzo(a)pyrene
Concen: 0.08 ng/u1
RT: 23.559 min Scan# 6056
Delta R.T. 0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	252	Resp:	3252
Ion Ratio	Lower	Upper	
252	100		
253	57.4	25.3	37.9#
125	58.9	17.6	26.4#

Instrument :
BNA_M
ClientSampleId :
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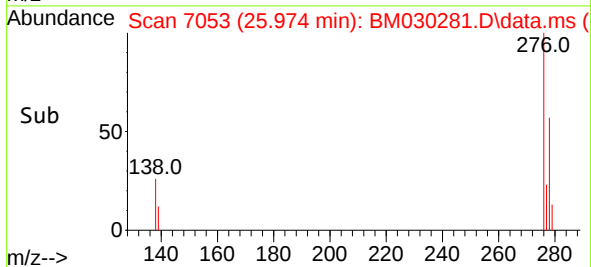
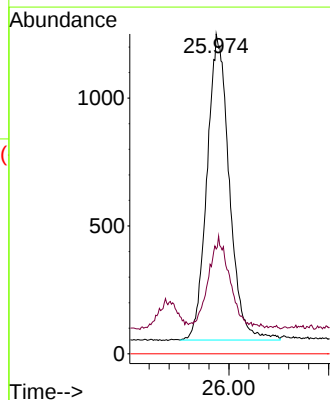
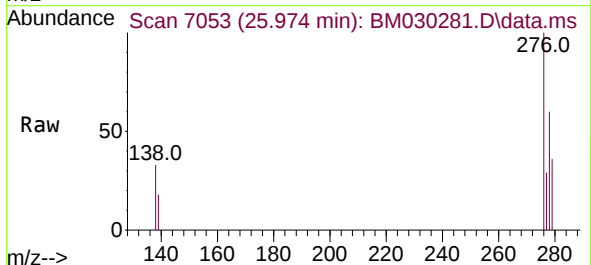
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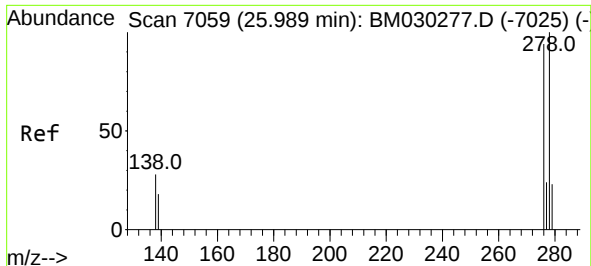
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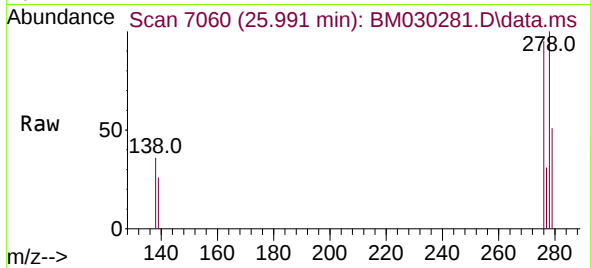
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/u1
RT: 25.974 min Scan# 7053
Delta R.T. -0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46

Tgt Ion:	276	Resp:	3707
Ion Ratio	Lower	Upper	
276	100		
138	27.5	22.3	33.5
227	0.0	0.0	0.0

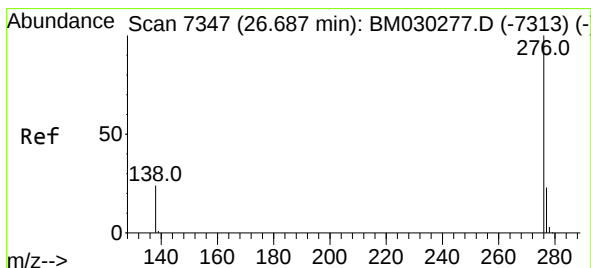
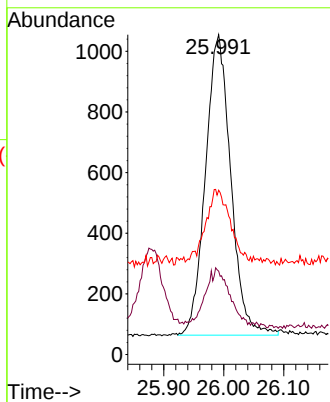
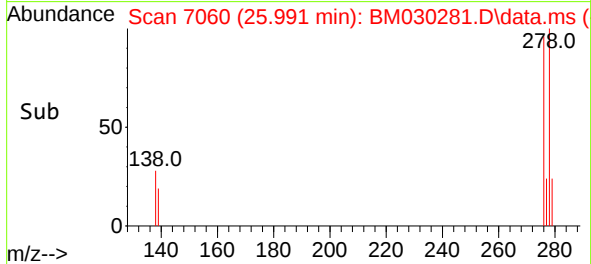




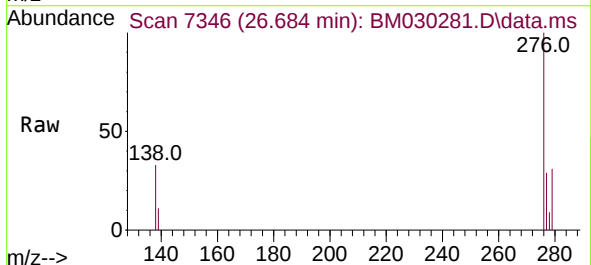
#28
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.991 min Scan# 7060
Delta R.T. 0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



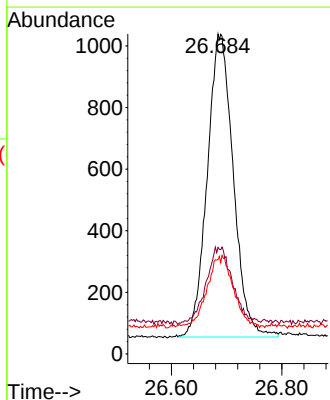
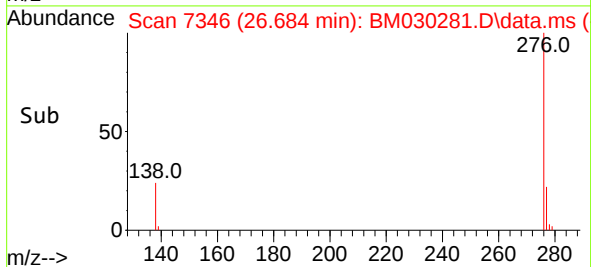
Tgt Ion: 278 Resp: 2906
Ion Ratio Lower Upper
278 100
139 26.1 15.8 23.8#
279 51.4 23.2 34.8#



#29
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.684 min Scan# 7346
Delta R.T. -0.002 min
Lab File: BM030281.D
Acq: 03 Jun 2021 12:46



Tgt Ion: 276 Resp: 3226
Ion Ratio Lower Upper
276 100
138 33.3 21.5 32.3#
277 29.5 19.5 29.3#



Instrument :
BNA_M
ClientSampleId :
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