

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060521\
 Data File : BM030294.D
 Acq On : 04 Jun 2021 11:53
 Operator : CG/JU
 Sample : M2250-04
 Misc : SFAM-SIM-MDL-S-02
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-QT3-2021-06

Manual Integrations
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Quant Time: Jun 04 12:24:52 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 : Fri Jun 04 10:31:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	5611	0.400	ng/ul	0.00
4) Naphthalene-d8	10.648	136	19092	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.481	164	9123	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.214	188	15808	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	10267	0.400	ng/ul	0.00
23) Perylene-d12	23.656	264	10368	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	2994	0.544	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.236	152	7429	0.272	ng/ul	0.00
18) Fluoranthene-d10	19.233	212	9442	0.274	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.372	88	387	0.065	ng/ul#	77
5) Naphthalene	10.698	128	3918	0.069	ng/ul#	94
7) 2-Methylnaphthalene	12.313	142	2533	0.066	ng/ul	99
8) 1-Methylnaphthalene	12.528	142	2205	0.060	ng/ul	100
10) Acenaphthylene	14.205	152	2723	0.063	ng/ul	96
11) Acenaphthene	14.542	153	2422	0.066	ng/ul	96
12) Fluorene	15.528	166	2526	0.060	ng/ul#	95
14) Pentachlorophenol	16.867	266	339	0.069	ng/ul	94
15) Phenanthrene	17.256	178	3803	0.066	ng/ul	96
16) Anthracene	17.346	178	3140	0.064	ng/ul#	95
19) Fluoranthene	19.264	202	3591	0.069	ng/ul	96
20) Pyrene	19.626	202	3542	0.067	ng/ul	95
21) Benzo(a)anthracene	21.360	228	2834	0.069	ng/ul	97
22) Chrysene	21.408	228	3202	0.072	ng/ul	97
24) Benzo(b)fluoranthene	22.965	252	3935m	0.076	ng/ul	
25) Benzo(k)fluoranthene	23.014	252	3450	0.071	ng/ul#	60
26) Benzo(a)pyrene	23.556	252	3280	0.079	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	25.979	276	4048	0.073	ng/ul#	100
28) Dibenzo(a,h)anthracene	25.986	278	3277	0.073	ng/ul#	73
29) Benzo(g,h,i)perylene	26.691	276	3539	0.074	ng/ul#	87

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

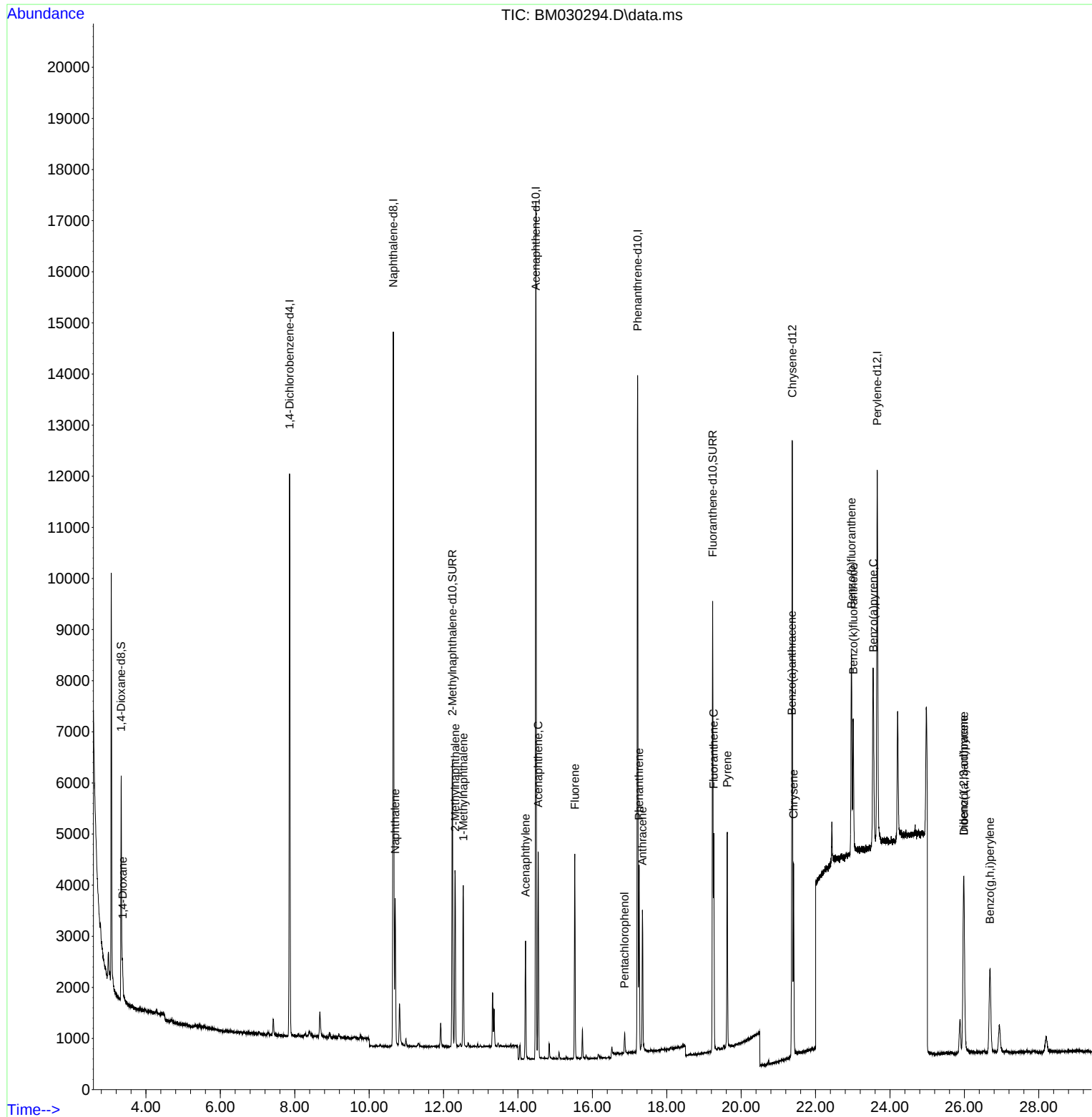
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060521\
Data File : BM030294.D
Acq On : 04 Jun 2021 11:53
Operator : CG/JU
Sample : M2250-04
Misc : SFAM-SIM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

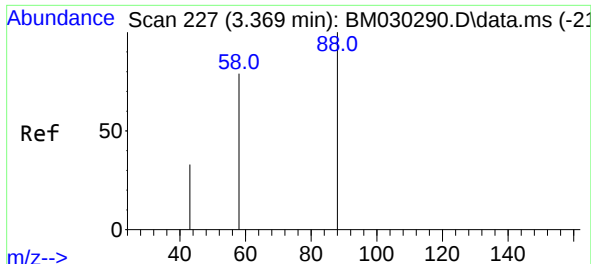
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-06

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Quant Time: Jun 04 12:24:52 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 : Fri Jun 04 10:31:17 2021
Response via : Initial Calibration





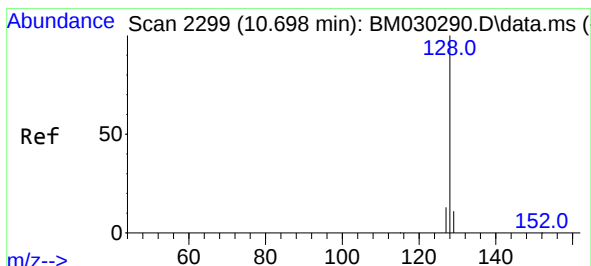
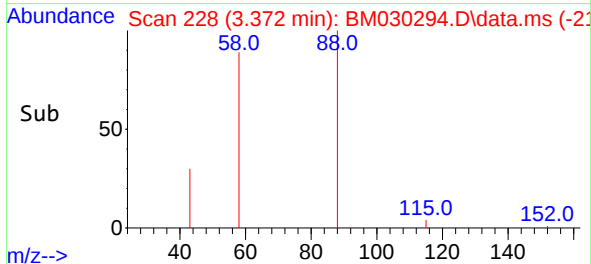
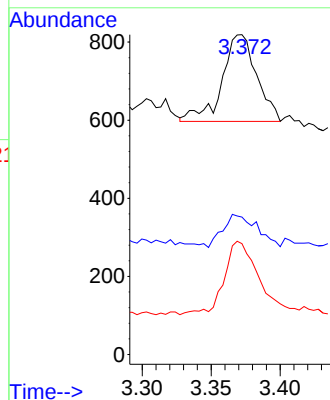
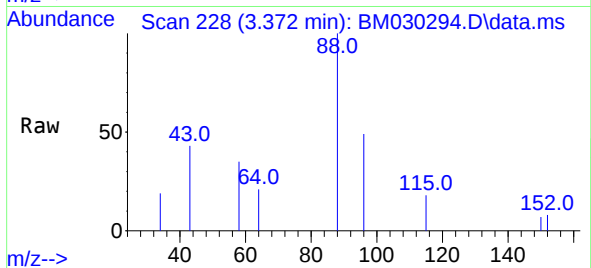
#2
1,4-Dioxane
Concen: 0.065 ng/ul
RT: 3.372 min Scan# 228
Delta R.T. 0.003 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion: 88 Resp: 387
Ion Ratio Lower Upper
88 100
43 43.0 38.2 57.4
58 34.7 49.8 74.8#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-06

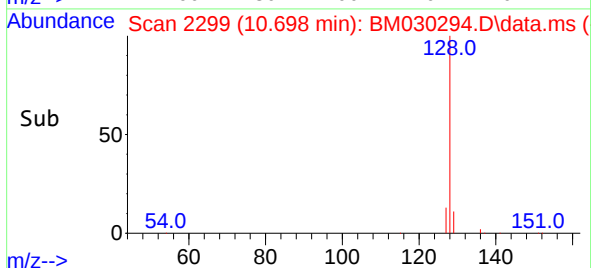
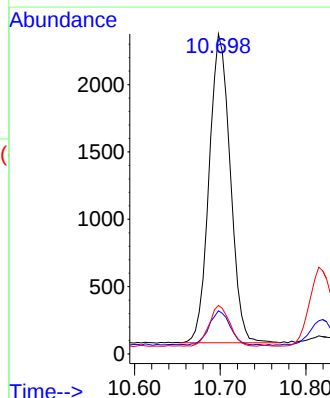
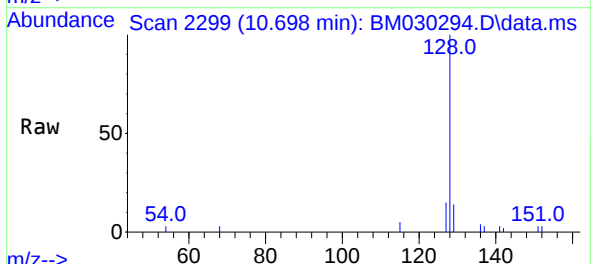
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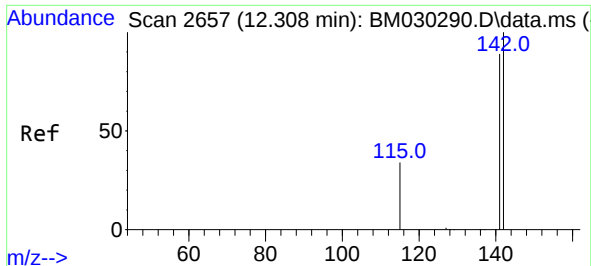
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#5
Naphthalene
Concen: 0.069 ng/ul
RT: 10.698 min Scan# 2299
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion: 128 Resp: 3918
Ion Ratio Lower Upper
128 100
129 13.5 9.0 13.4#
127 15.2 10.5 15.7





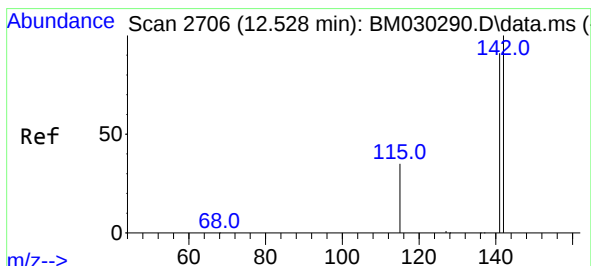
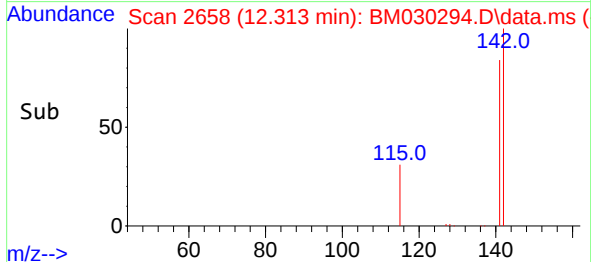
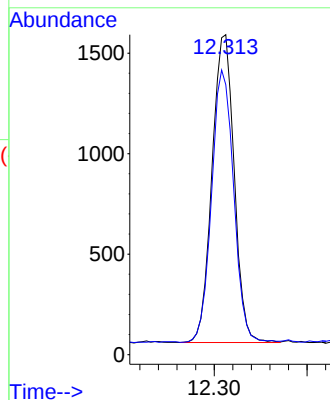
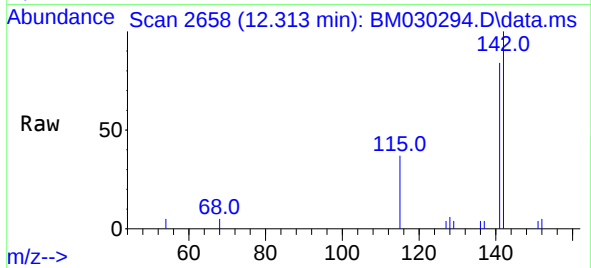
#7
2-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.313 min Scan# 2658
Delta R.T. 0.004 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:142 Resp: 2533
Ion Ratio Lower Upper
142 100
141 88.3 71.5 107.3

Instrument :
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ClientSampleId :
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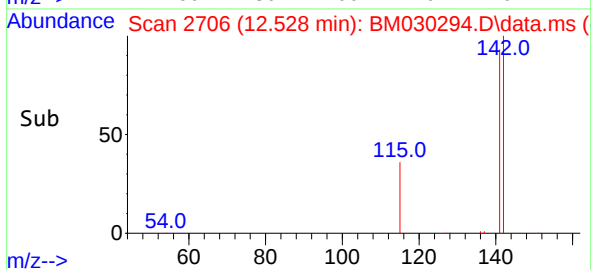
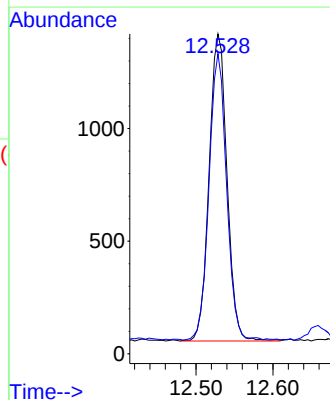
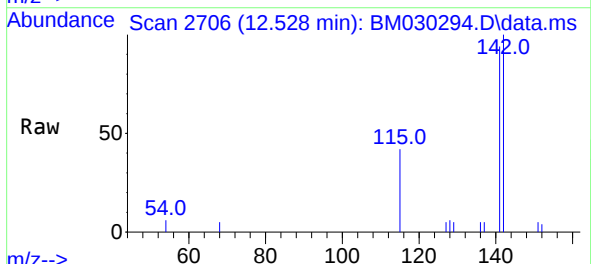
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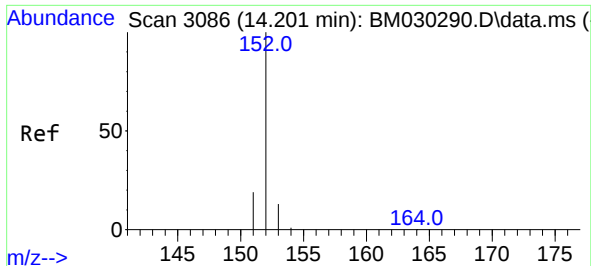
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#8
1-Methylnaphthalene
Concen: 0.060 ng/ul
RT: 12.528 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:142 Resp: 2205
Ion Ratio Lower Upper
142 100
141 91.6 73.3 109.9





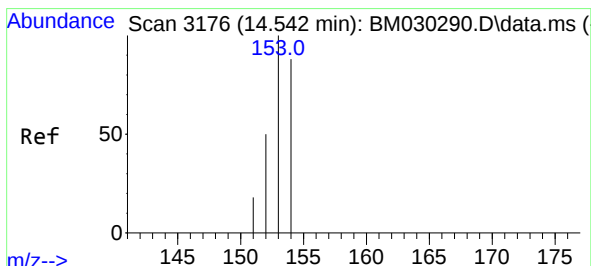
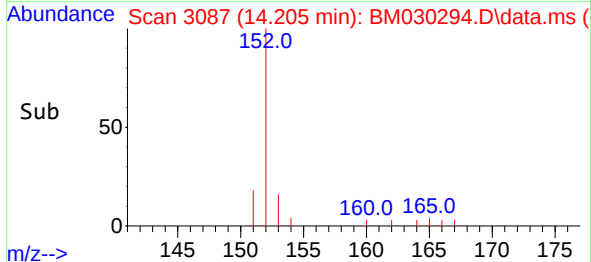
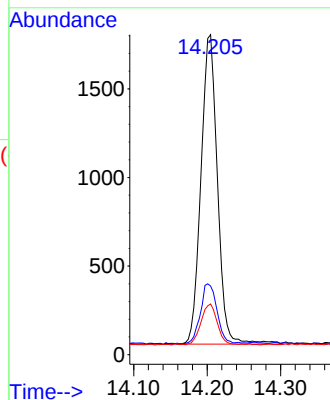
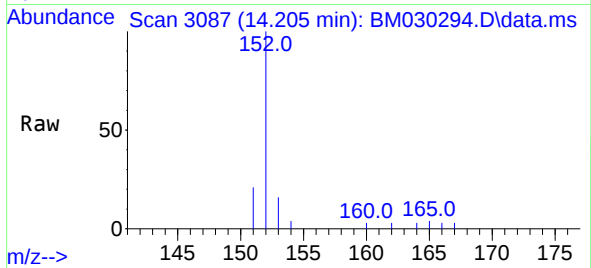
#10
Acenaphthylene
Concen: 0.063 ng/u1
RT: 14.205 min Scan# 3087
Delta R.T. 0.004 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	152	Resp:	2723
Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.2	24.2
153	15.8	10.9	16.3

Instrument :
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ClientSampleId :
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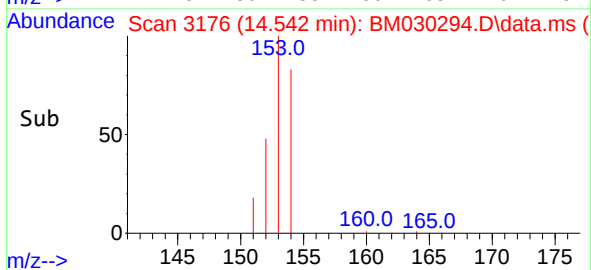
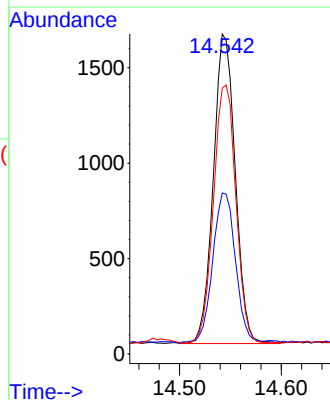
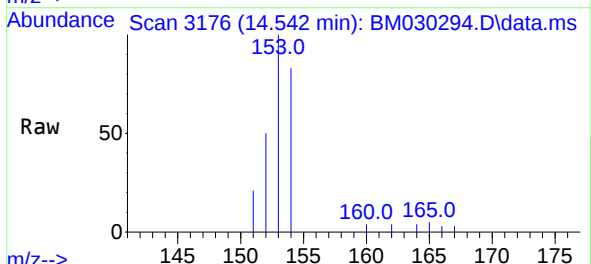
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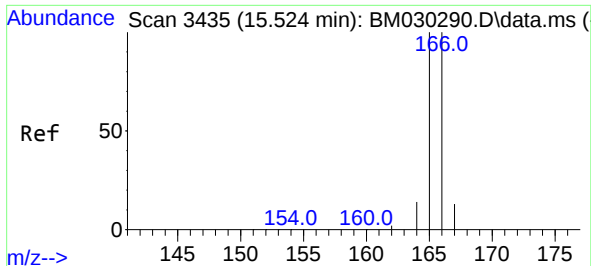
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#11
Acenaphthene
Concen: 0.066 ng/u1
RT: 14.542 min Scan# 3176
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	153	Resp:	2422
Ion	Ratio	Lower	Upper
153	100		
152	50.3	39.8	59.8
154	83.1	70.9	106.3





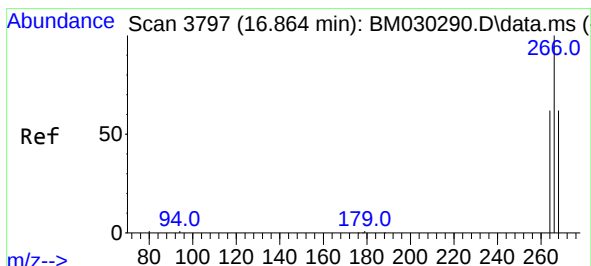
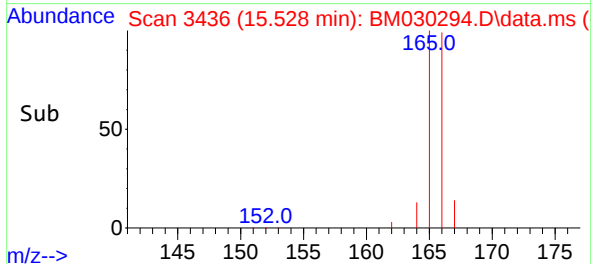
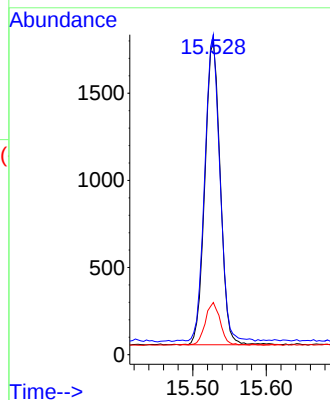
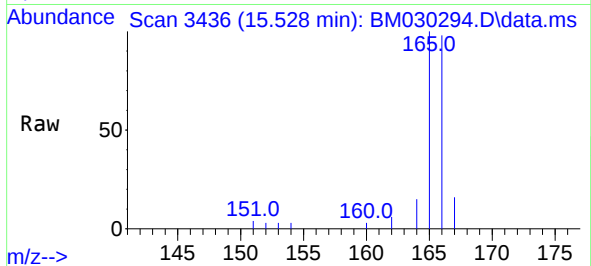
#12
Fluorene
Concen: 0.060 ng/ul
RT: 15.528 min Scan# 3436
Delta R.T. 0.004 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:166 Resp: 2526
Ion Ratio Lower Upper
166 100
165 102.2 78.2 117.2
167 16.6 10.9 16.3#

Instrument :
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ClientSampleId :
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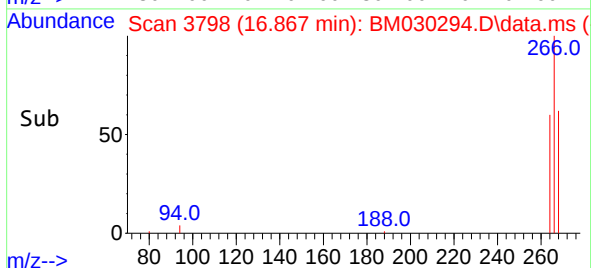
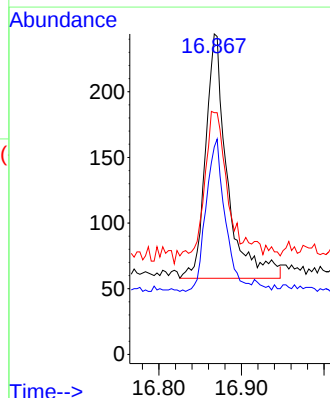
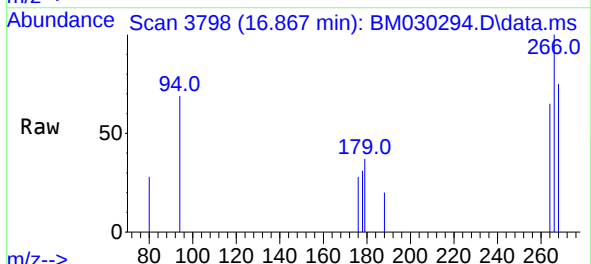
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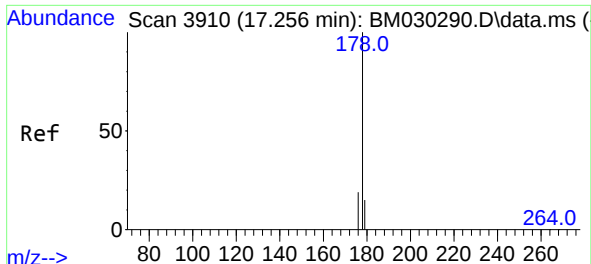
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#14
Pentachlorophenol
Concen: 0.069 ng/ul
RT: 16.867 min Scan# 3798
Delta R.T. 0.003 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

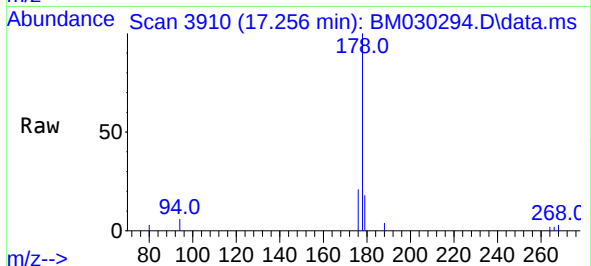
Tgt Ion:266 Resp: 339
Ion Ratio Lower Upper
266 100
264 55.2 50.6 75.8
268 63.4 50.0 75.0





#15
Phenanthrene
Concen: 0.066 ng/u1
RT: 17.256 min Scan# 3910
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

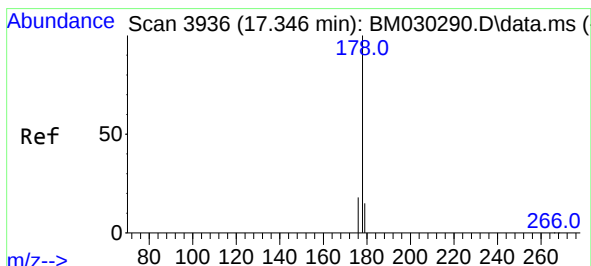
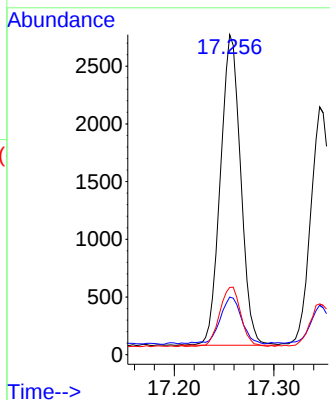
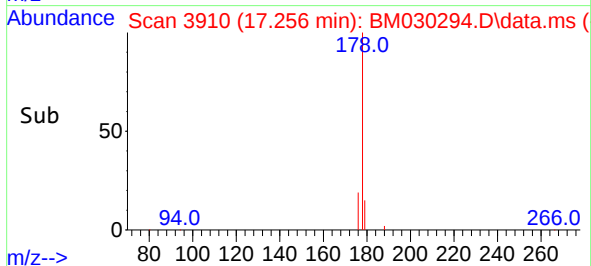
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-06



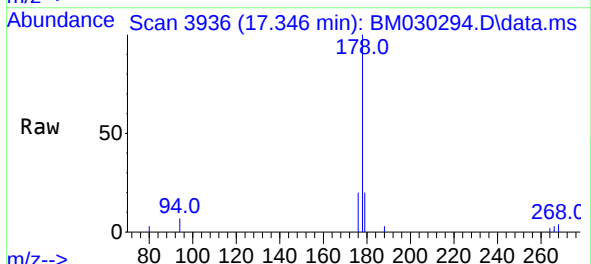
Tgt Ion:178 Resp: 3803
Ion Ratio Lower Upper
178 100
179 18.0 12.5 18.7
176 21.0 15.6 23.4

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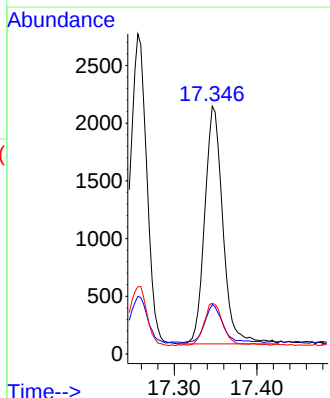
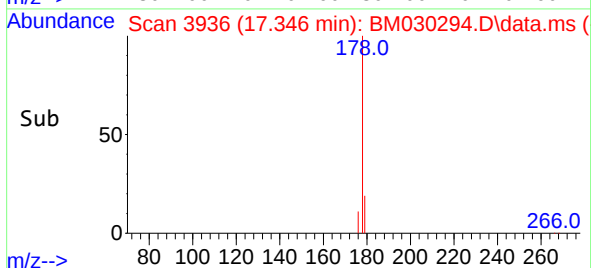
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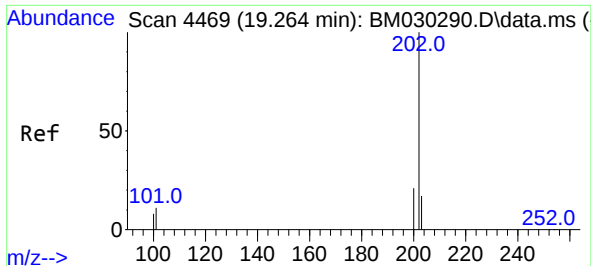


#16
Anthracene
Concen: 0.064 ng/u1
RT: 17.346 min Scan# 3936
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53



Tgt Ion:178 Resp: 3140
Ion Ratio Lower Upper
178 100
179 19.9 13.1 19.7#
176 20.5 15.7 23.5





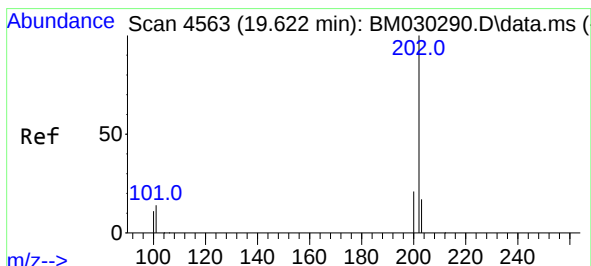
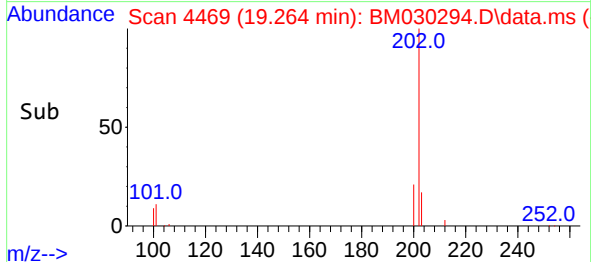
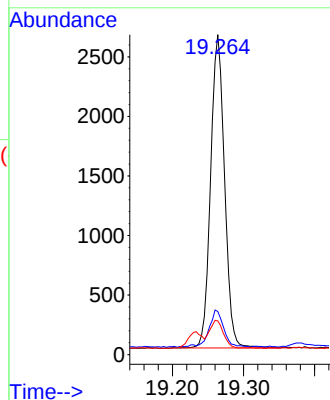
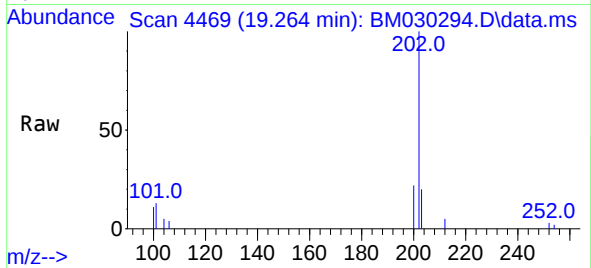
#19
Fluoranthene
Concen: 0.069 ng/u1
RT: 19.264 min Scan# 4469
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	202	Resp:	3591
Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.7	14.5
100	10.5	7.4	11.0

Instrument :
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ClientSampleId :
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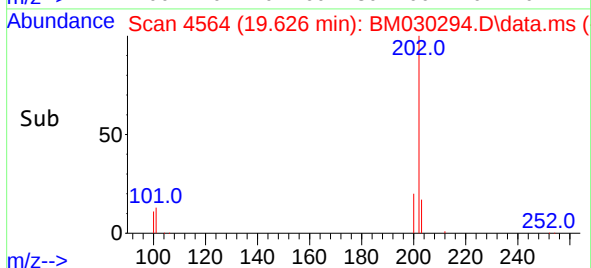
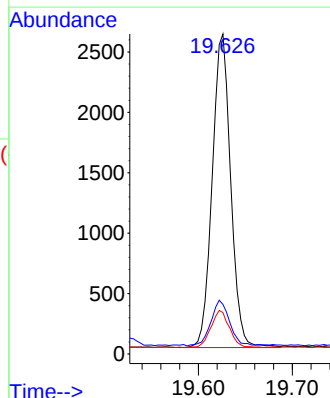
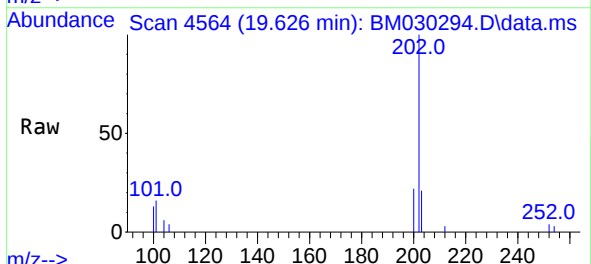
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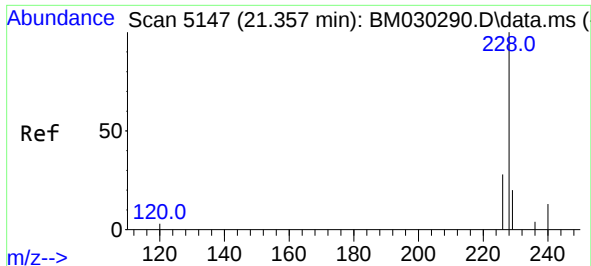
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#20
Pyrene
Concen: 0.067 ng/u1
RT: 19.626 min Scan# 4564
Delta R.T. 0.004 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	202	Resp:	3542
Ion	Ratio	Lower	Upper
202	100		
101	15.5	10.6	16.0
100	12.9	8.9	13.3





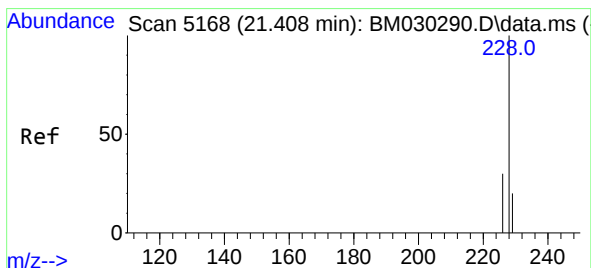
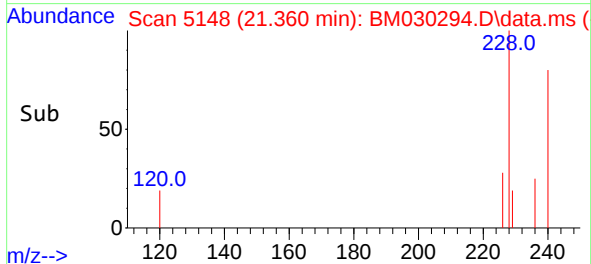
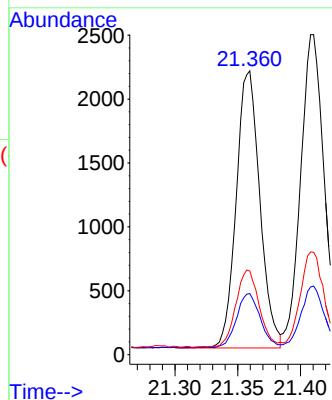
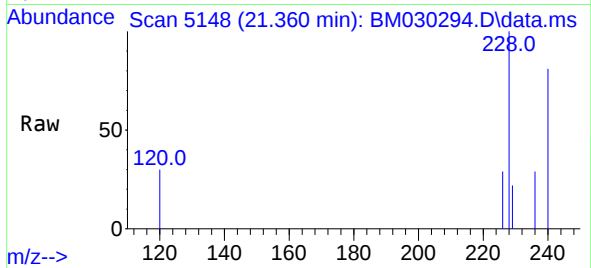
#21
Benzo(a)anthracene
Concen: 0.069 ng/ul
RT: 21.360 min Scan# 5148
Delta R.T. 0.002 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	228	Resp:	2834
Ion Ratio	Lower	Upper	
228	100		
229	21.6	15.9	23.9
226	29.5	22.3	33.5

Instrument :
BNA_M
ClientSampleId :
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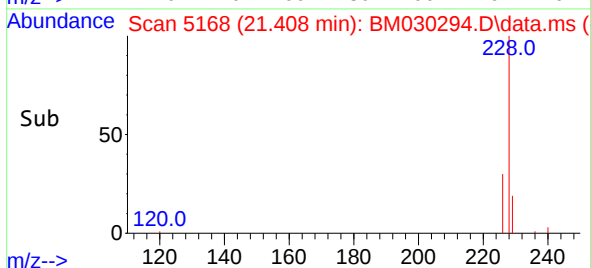
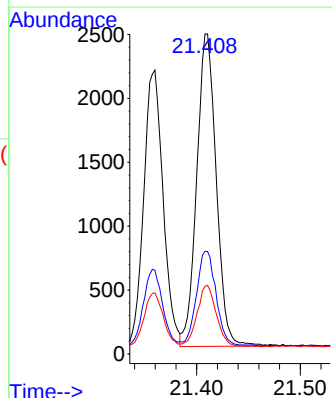
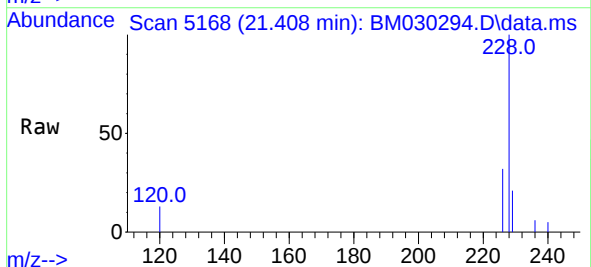
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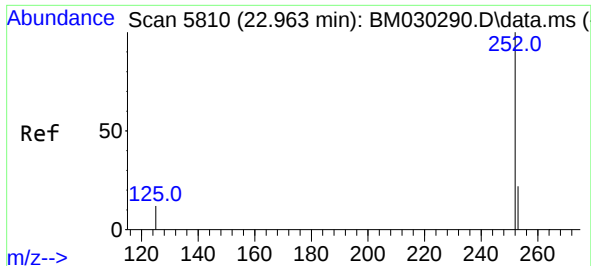
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#22
Chrysene
Concen: 0.072 ng/ul
RT: 21.408 min Scan# 5168
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	228	Resp:	3202
Ion Ratio	Lower	Upper	
228	100		
226	32.1	24.7	37.1
229	21.2	15.7	23.5





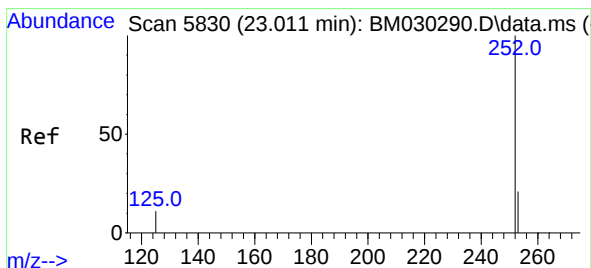
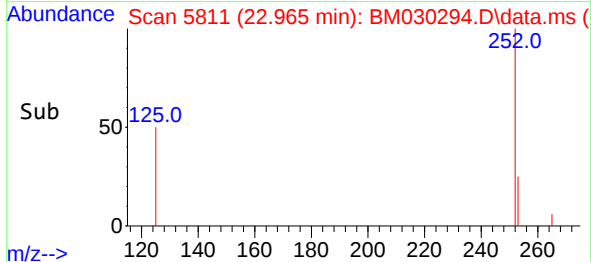
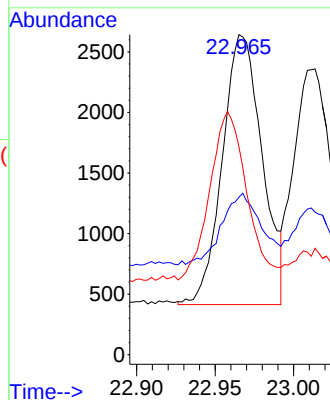
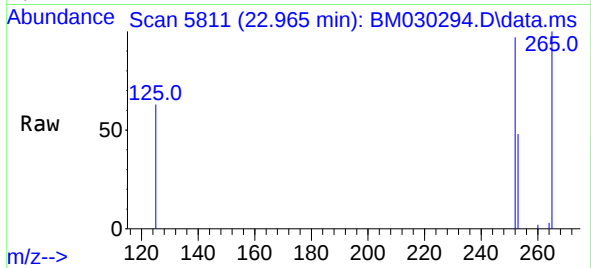
#24
Benzo(b)fluoranthene
Concen: 0.076 ng/ul m
RT: 22.965 min Scan# 5811
Delta R.T. 0.002 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:252 Resp: 3935
Ion Ratio Lower Upper
252 100
253 49.2 0.0 57.4
125 65.0 0.0 38.0#

Instrument :
BNA_M
ClientSampleId :
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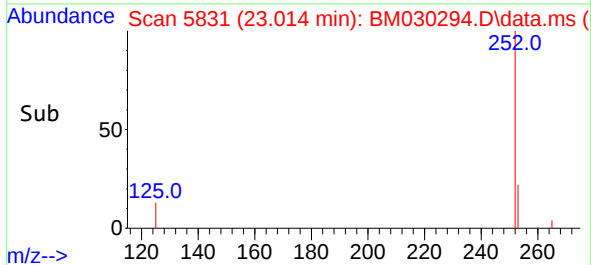
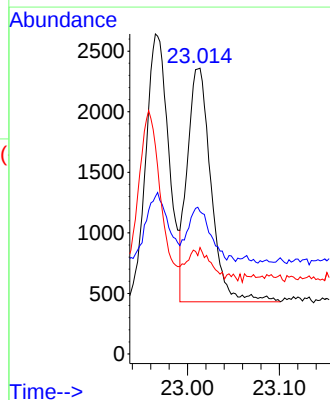
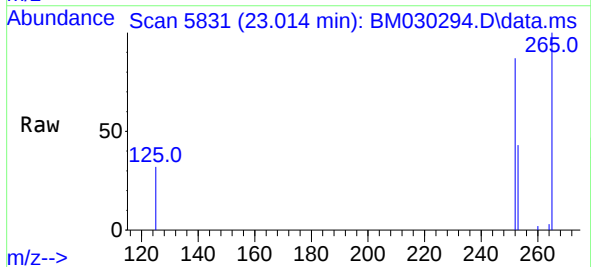
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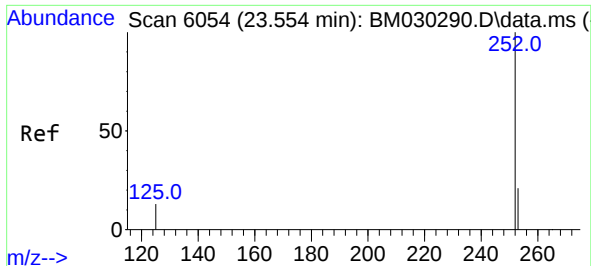
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#25
Benzo(k)fluoranthene
Concen: 0.071 ng/ul
RT: 23.014 min Scan# 5831
Delta R.T. 0.002 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:252 Resp: 3450
Ion Ratio Lower Upper
252 100
253 49.8 23.0 34.6#
125 37.2 14.8 22.2#





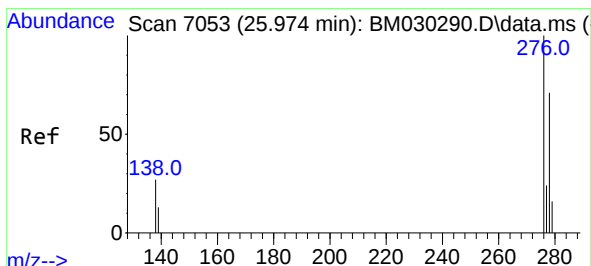
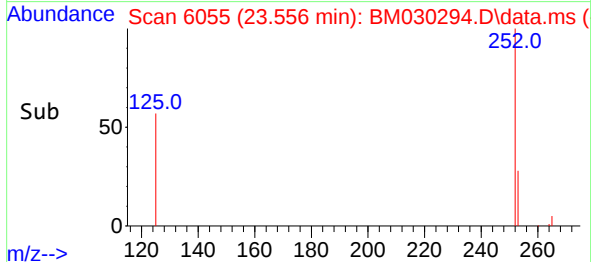
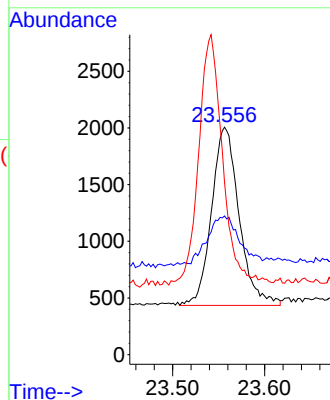
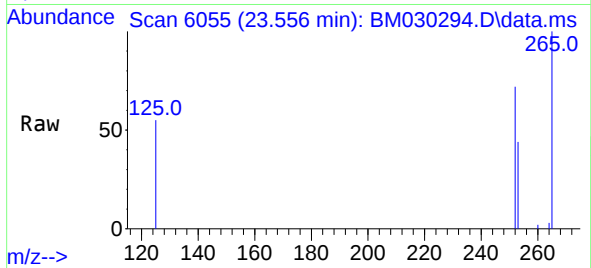
#26
Benzo(a)pyrene
Concen: 0.079 ng/ul
RT: 23.556 min Scan# 6055
Delta R.T. 0.002 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	252	Resp:	3280
Ion Ratio	Lower	Upper	
252	100		
253	61.0	25.3	37.9#
125	75.8	17.6	26.4#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-06

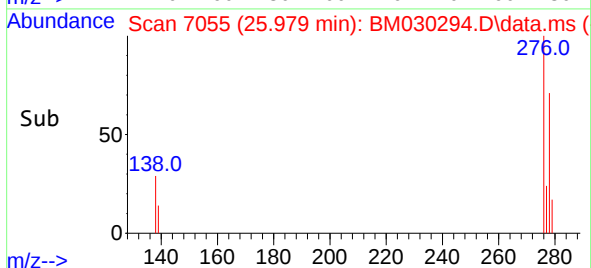
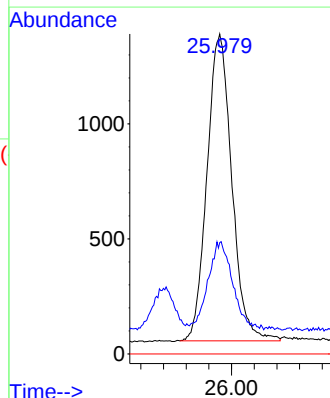
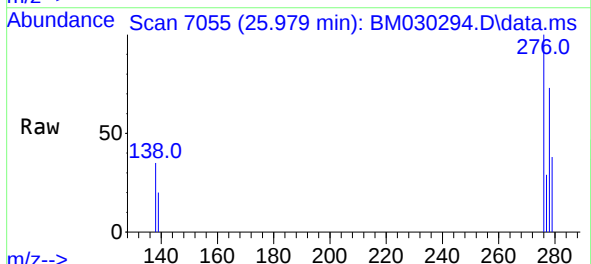
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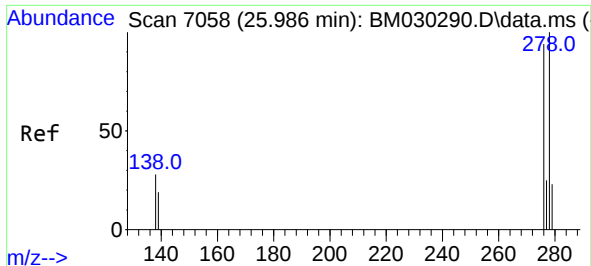
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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.073 ng/ul
RT: 25.979 min Scan# 7055
Delta R.T. 0.005 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	276	Resp:	4048
Ion Ratio	Lower	Upper	
276	100		
138	27.7	22.3	33.5
227	0.0	0.0	0.0





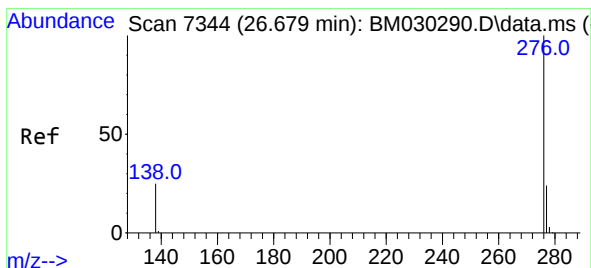
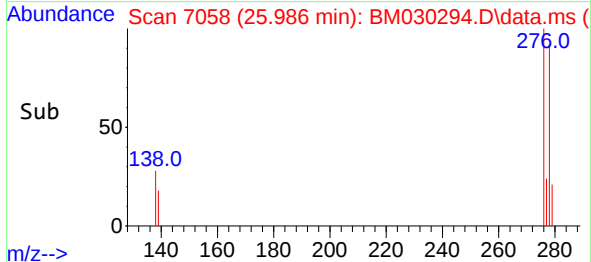
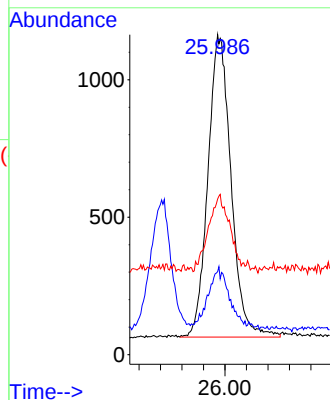
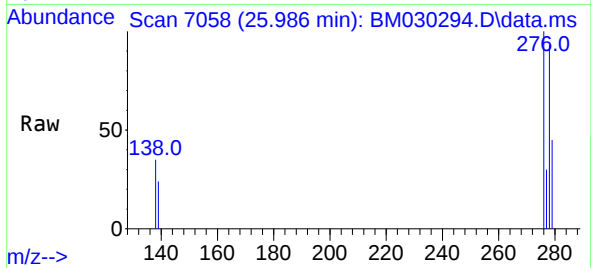
#28
Dibenzo(a,h)anthracene
Concen: 0.073 ng/ul
RT: 25.986 min Scan# 7058
Delta R.T. -0.000 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	278	Resp:	3277
Ion Ratio	Lower	Upper	
278	100		
139	25.9	15.8	23.8#
279	48.6	23.2	34.8#

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-QT3-2021-06

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 0.074 ng/ul
RT: 26.691 min Scan# 7349
Delta R.T. 0.012 min
Lab File: BM030294.D
Acq: 04 Jun 2021 11:53

Tgt Ion:	276	Resp:	3539
Ion Ratio	Lower	Upper	
276	100		
138	33.1	21.5	32.3#
277	30.9	19.5	29.3#

