

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
 Data File : BM014380.D
 Acq On : 27 Feb 2018 13:36
 Operator : SJ/JU
 Sample : J1631-21
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE611

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:03 PM

Quant Time: Mar 09 05:49:18 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 03:22:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	100491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	394175	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	221709	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	479854	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	463161	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	458299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	12586	5.36	ng/uL	0.00
5) Phenol-d5	6.72	99	267475	31.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	157159	30.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	218642	33.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	215405	28.98	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	105316	36.16	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	122533	40.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	214968	34.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	223417	36.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	656254	35.84	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	866498	38.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	80716	31.93	ng/ul	0.01
57) Fluorene-d10	15.18	176	566253	34.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	78259	27.19	ng/ul	0.00
70) Anthracene-d10	17.04	188	823345	35.56	ng/ul	0.00
76) Pyrene-d10	19.34	212	859894	36.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	781596	35.04	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.65	163	171555	9.502	ng/ul	98
49) Acenaphthene	14.24	153	29135	1.939	ng/ul	94
58) Fluorene	15.24	166	30845	1.586	ng/ul	92
69) Phenanthrene	16.98	178	664830	24.047	ng/ul	99
71) Anthracene	17.07	178	100975	3.632	ng/ul	96
72) Carbazole	17.36	167	41911	1.793	ng/ul	95
74) Fluoranthene	19.01	202	895559	27.113	ng/ul#	92
77) Pyrene	19.37	202	868567	28.218	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	360710	12.479	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	119594	6.561	ng/ul#	93
82) Chrysene	21.19	228	356973	13.238	ng/ul	97
85) Benzo(b)fluoranthene	22.68	252	390183	12.715	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	153917m	5.275	ng/ul	
88) Benzo(a)pyrene	23.23	252	311514	11.360	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	206152	7.747	ng/ul	97
90) Dibenzo(a,h)anthracene	25.47	278	50884	2.301	ng/ul#	80
91) Benzo(g,h,i)perylene	26.14	276	147017	6.820	ng/ul#	94

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

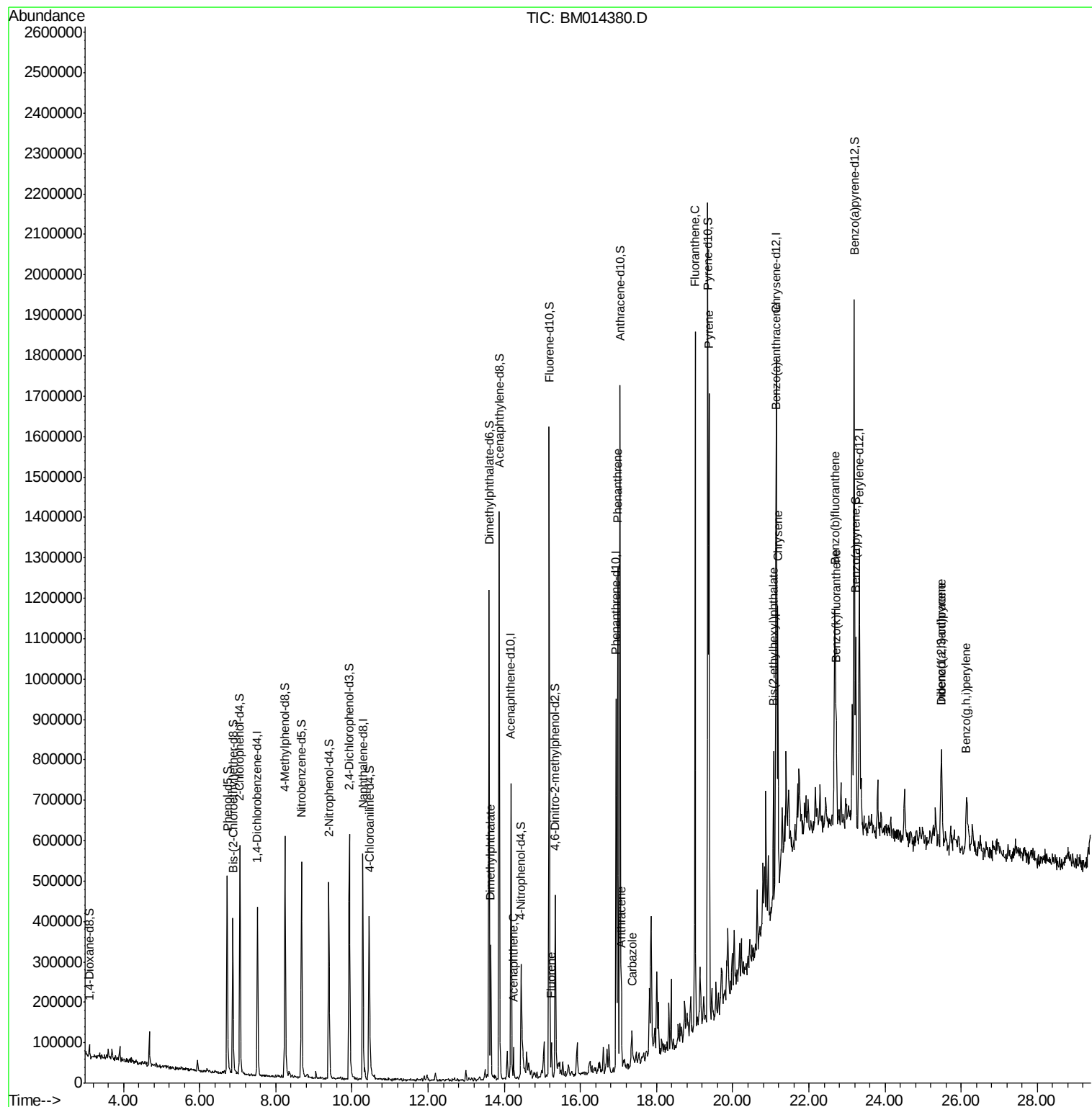
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022718\
Data File : BM014380.D
Acq On : 27 Feb 2018 13:36
Operator : SJ/JU
Sample : J1631-21
Misc :
ALS Vial : 4 Sample Multiplier: 1

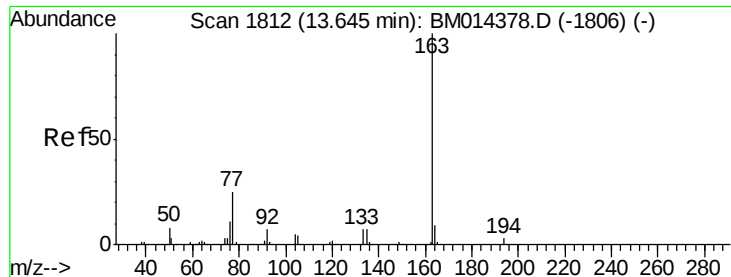
Instrument :
BNA_M
ClientSampleId :
BE611

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Quant Title : SVOA CALIBRATION
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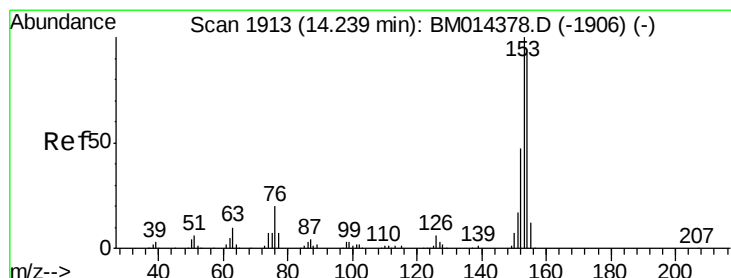
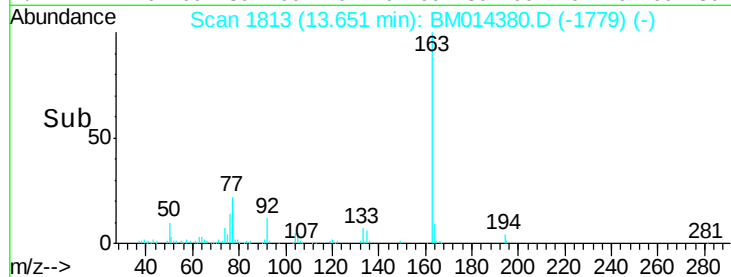
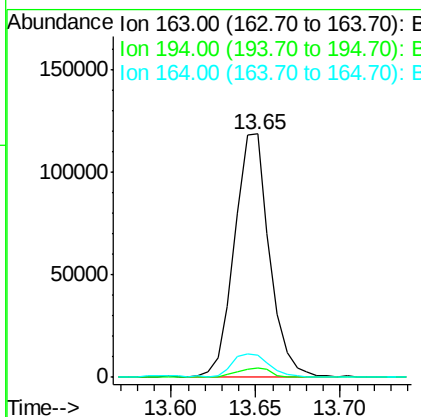
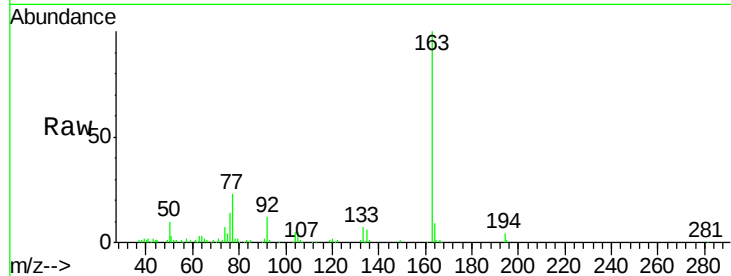
#44
Dimethylphthalate
Concen: 9.502 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Instrument :
BNA_M
ClientSampleId :
BE611

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.8	3.5	5.3
164	9.3	8.2	12.4

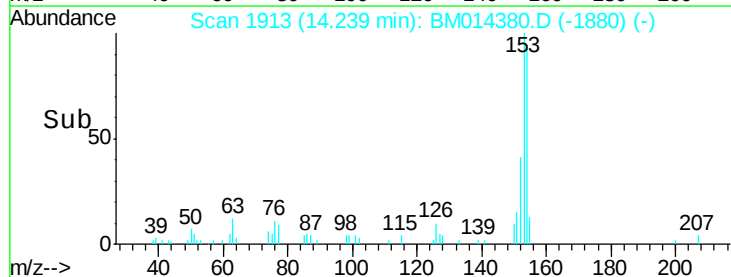
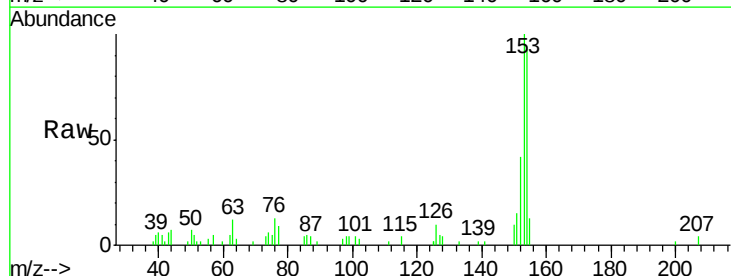
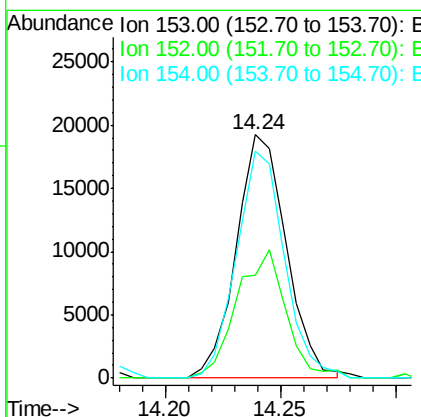
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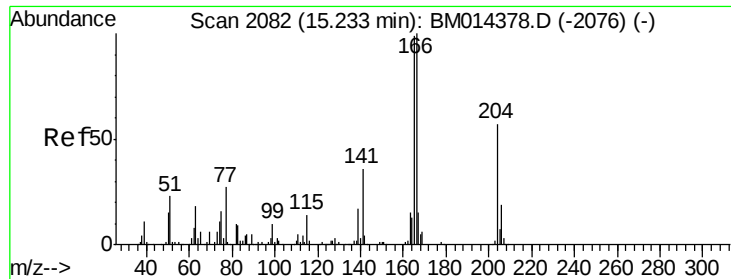
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#49
Acenaphthene
Concen: 1.939 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Tgt Ion	Ratio	Resp Lower	Upper
153	100		
152	42.5	37.6	56.4
154	93.3	70.4	105.6





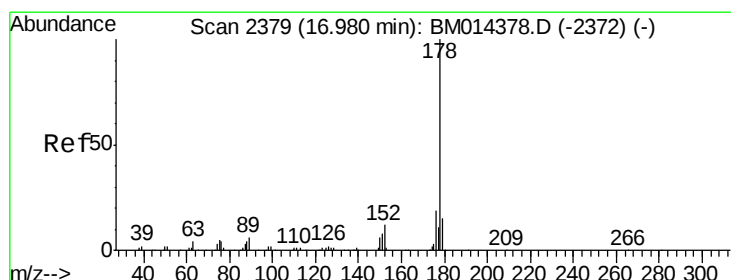
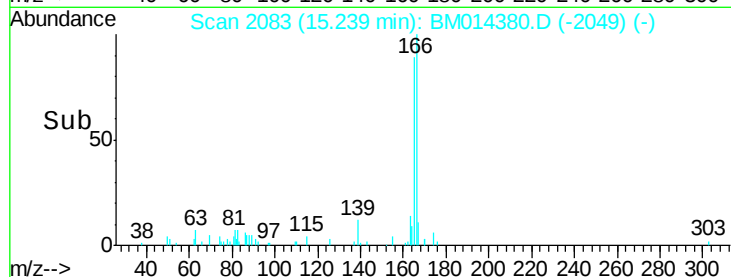
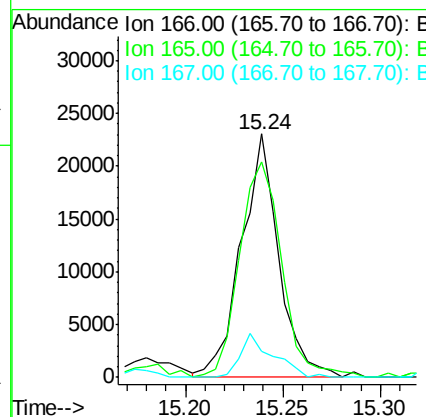
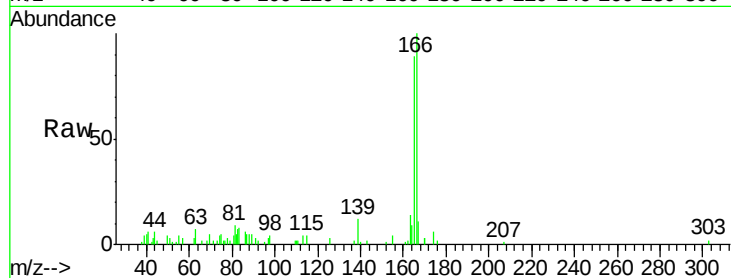
#58
Fluorene
 Concen: 1.586 ng/ul
 RT: 15.24 min Scan# 2083
 Delta R.T. 0.00 min
 Lab File: BM014380.D
 Acq: 27 Feb 2018 13:36

Instrument :
 BNA_M
 ClientSampleId :
 BE611

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	88.7	77.9	116.9		
167	10.9	10.6	16.0		

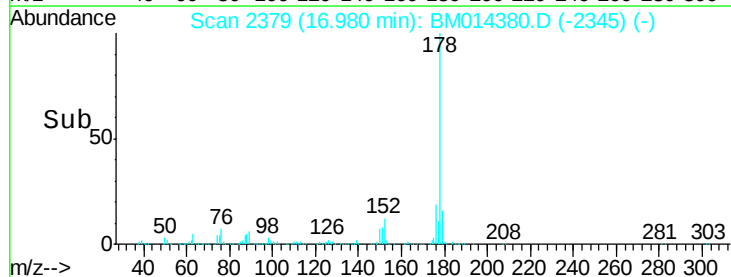
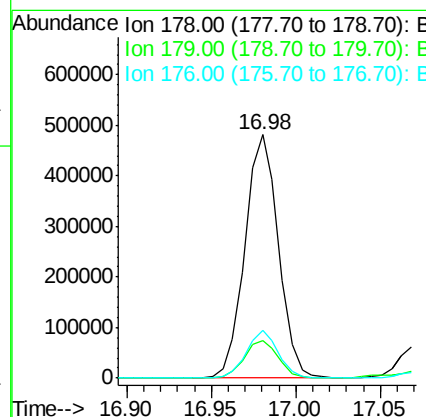
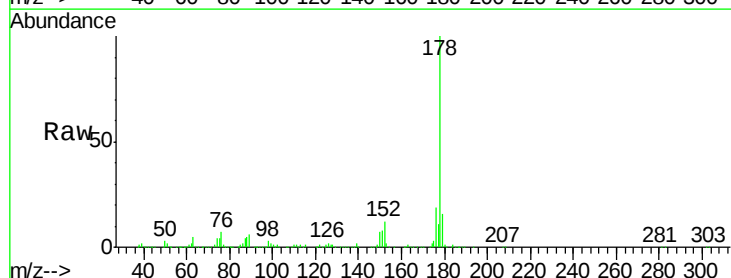
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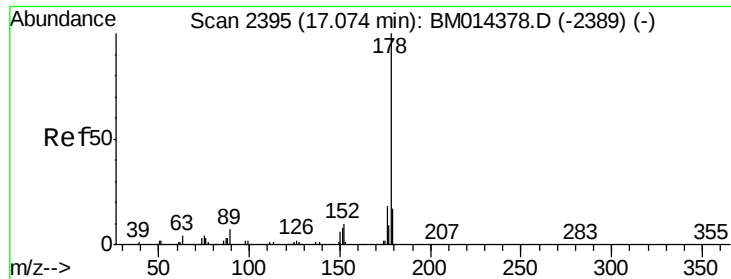
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#69
Phenanthrene
 Concen: 24.047 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM014380.D
 Acq: 27 Feb 2018 13:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
179	15.6	12.6	19.0		
176	19.4	14.9	22.3		





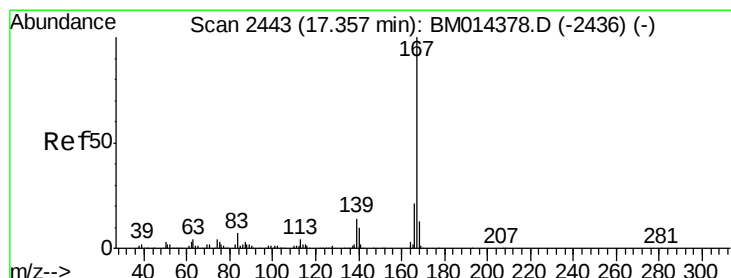
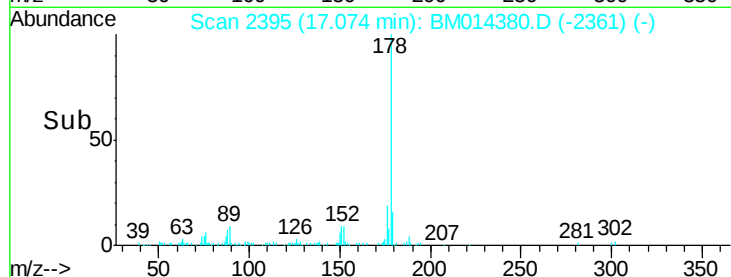
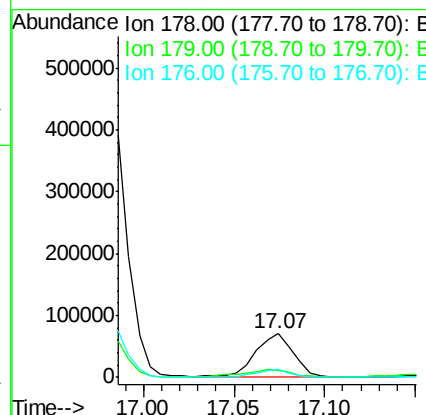
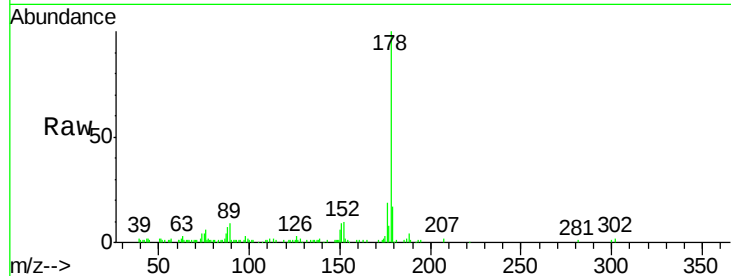
#71
 Anthracene
 Concen: 3.632 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM014380.D
 Acq: 27 Feb 2018 13:36

Instrument :
 BNA_M
 ClientSampleId :
 BE611

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.9	11.7	17.5
176	19.3	14.6	21.8

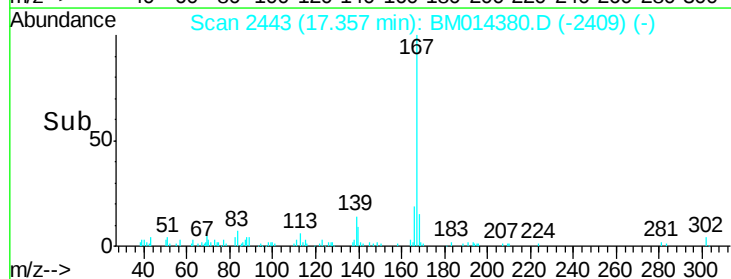
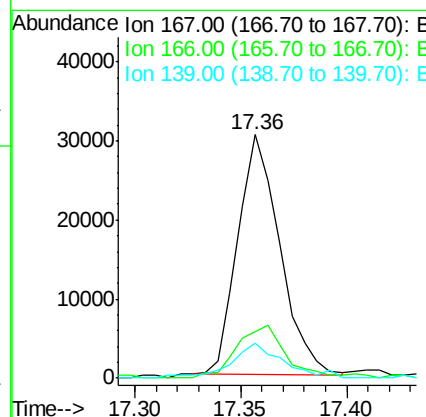
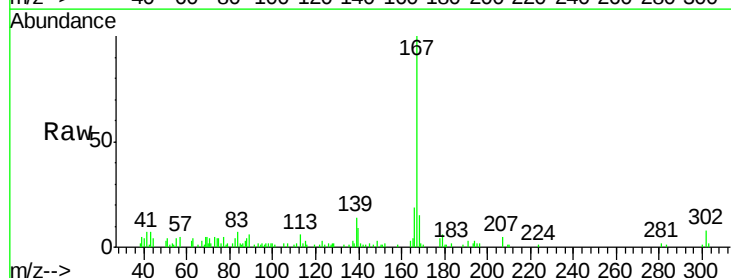
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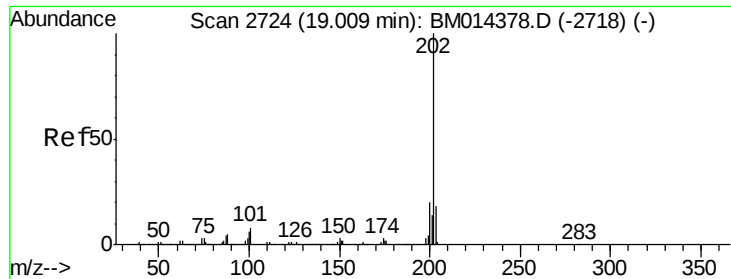
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#72
 Carbazole
 Concen: 1.793 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014380.D
 Acq: 27 Feb 2018 13:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.1	17.1	25.7
139	14.1	10.0	15.0





#74

Fluoranthene

Concen: 27.113 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014380.D

Acq: 27 Feb 2018 13:36

Instrument :

BNA_M

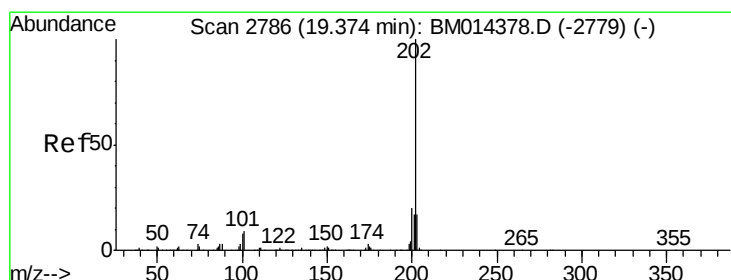
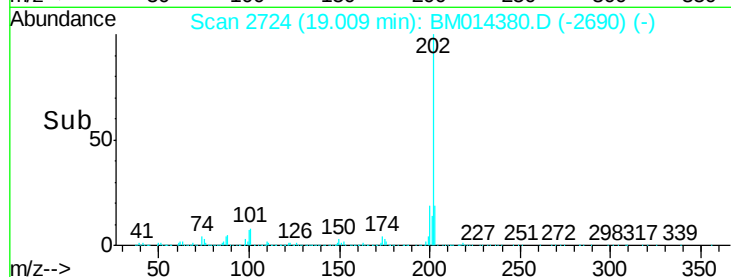
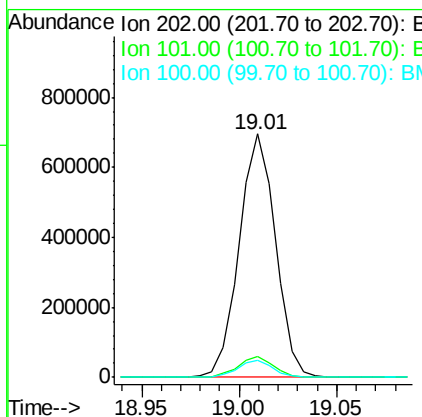
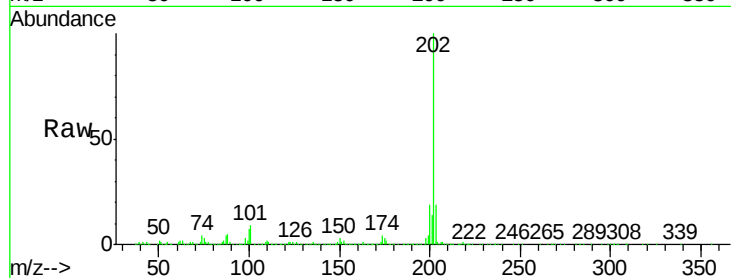
ClientSampleId :

BE611

Tot Ion:	202	Resp:	895559
Ion Ratio	Lower	Upper	
202	100		
101	8.7	4.6	7.0#
100	7.0	3.4	5.2#

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#77

Pyrene

Concen: 28.218 ng/ul

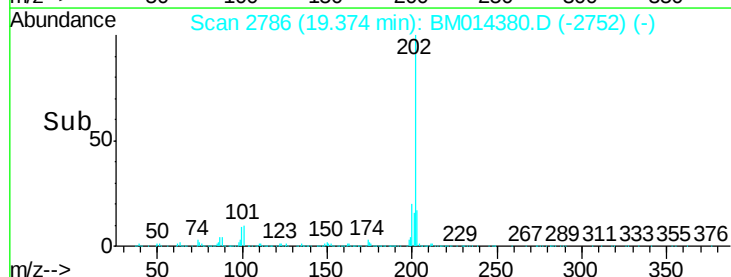
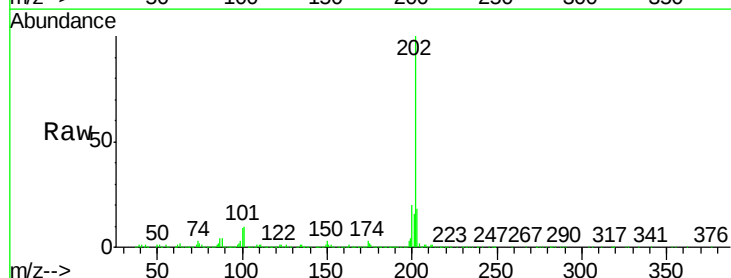
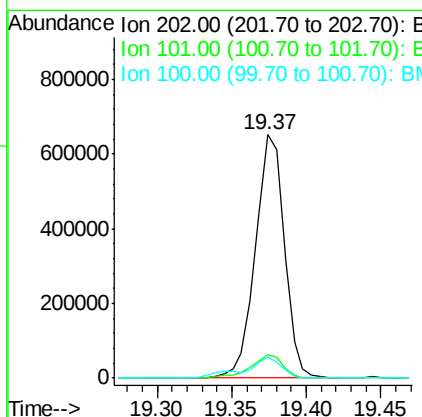
RT: 19.37 min Scan# 2786

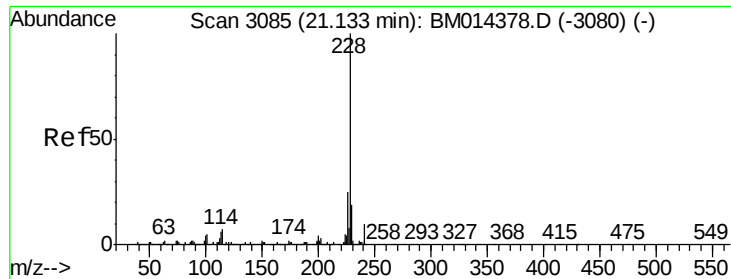
Delta R.T. 0.00 min

Lab File: BM014380.D

Acq: 27 Feb 2018 13:36

Tgt Ion:	202	Resp:	868567
Ion Ratio	Lower	Upper	
202	100		
101	9.6	5.1	7.7#
100	8.8	4.9	7.3#





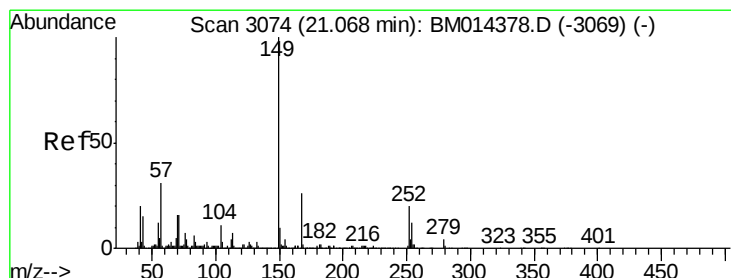
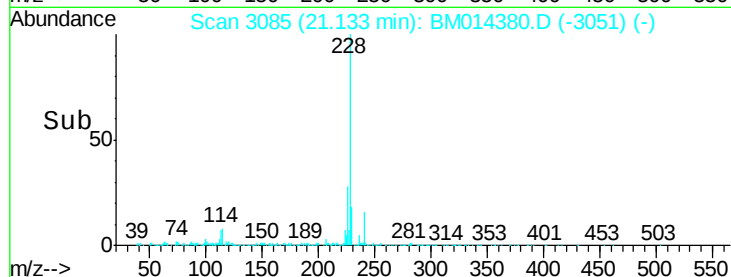
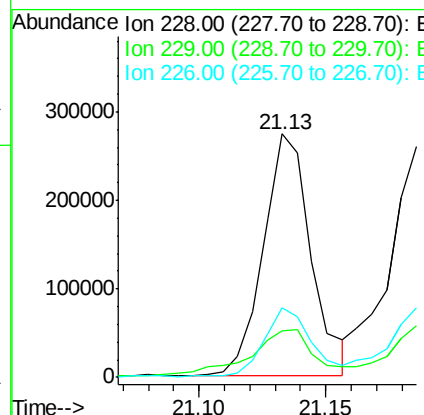
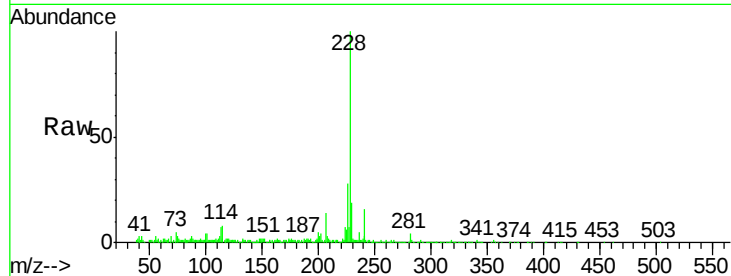
#80
Benzo(a)anthracene
Concen: 12.479 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Instrument :
BNA_M
ClientSampled :
BE611

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.0	15.4	23.0
226	28.4	21.4	32.0

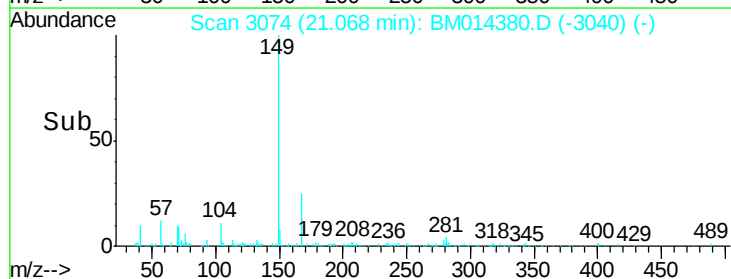
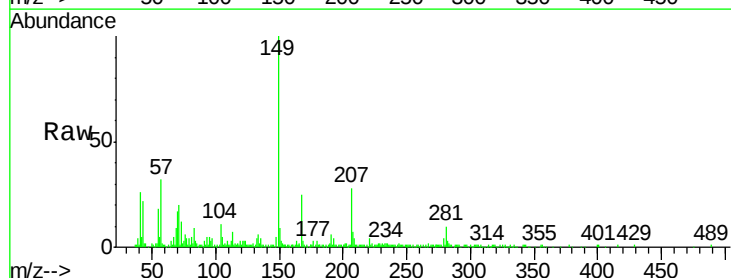
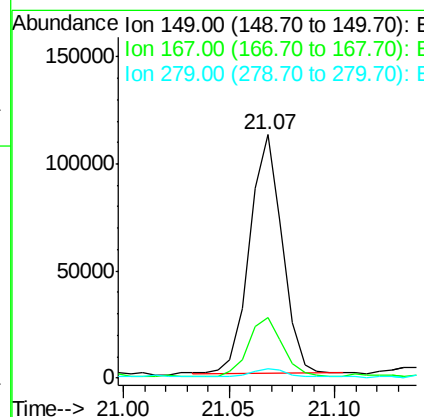
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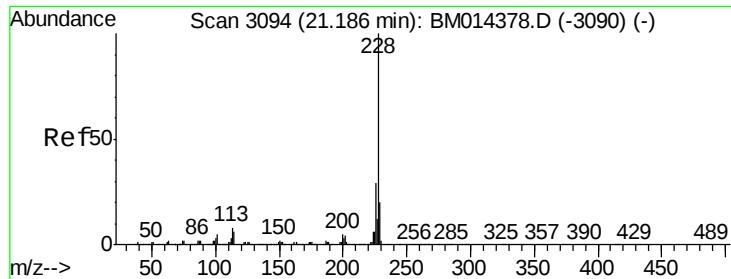
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#81
Bis(2-ethylhexyl)phthalate
Concen: 6.561 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	22.8	34.2
279	4.0	4.9	7.3#





#82

Chrysene

Concen: 13.238 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014380.D

Acq: 27 Feb 2018 13:36

Instrument :

BNA_M

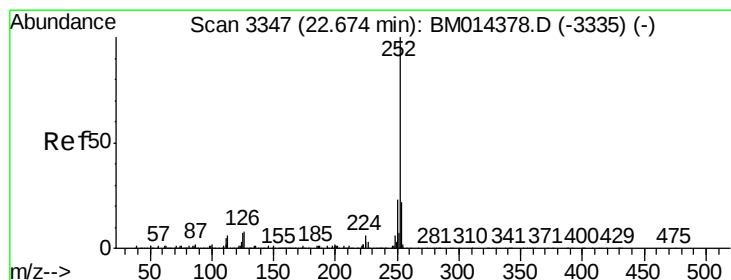
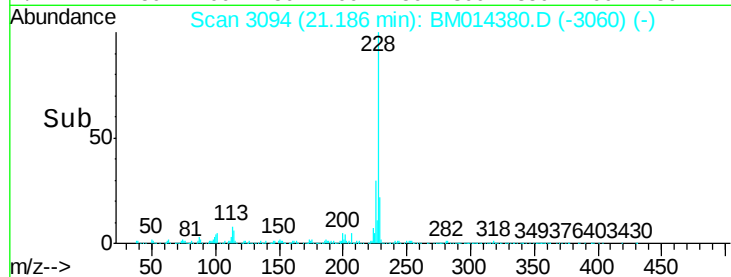
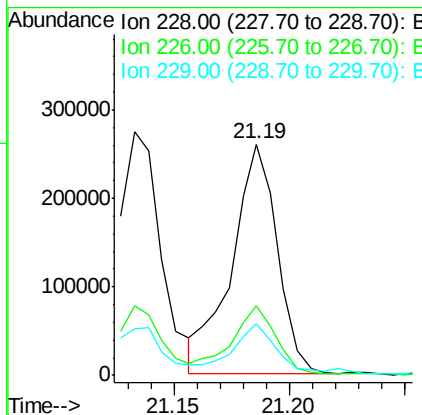
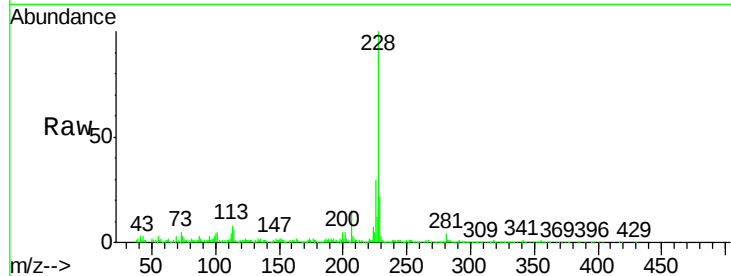
ClientSampled :

BE611

Tot Ion:	228	Resp:	356973
Ion Ratio		Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.1	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 12.715 ng/ul

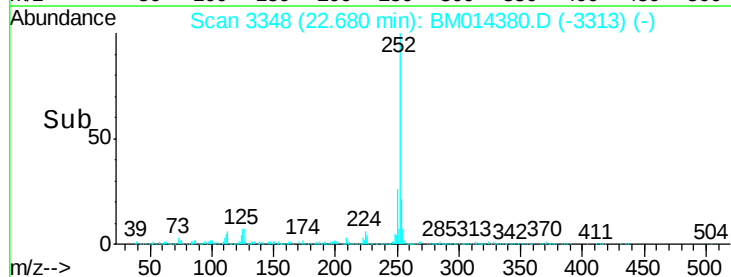
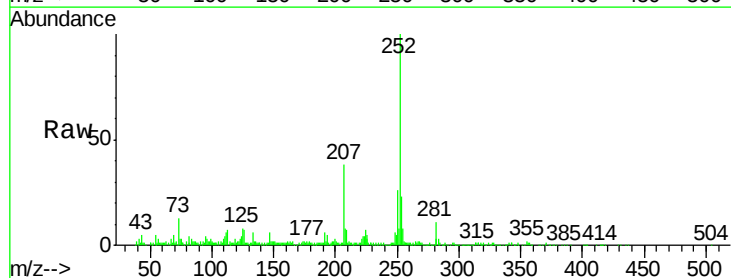
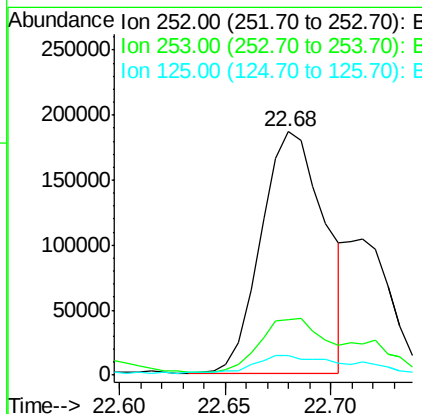
RT: 22.68 min Scan# 3348

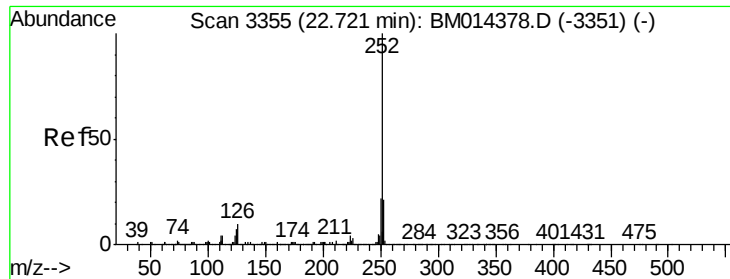
Delta R.T. 0.01 min

Lab File: BM014380.D

Acq: 27 Feb 2018 13:36

Tgt Ion:	252	Resp:	390183
Ion Ratio		Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.2	3.6	5.4#





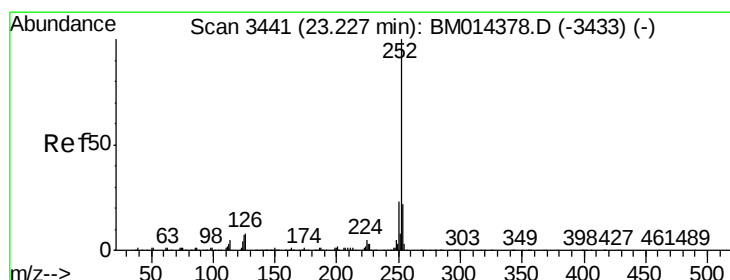
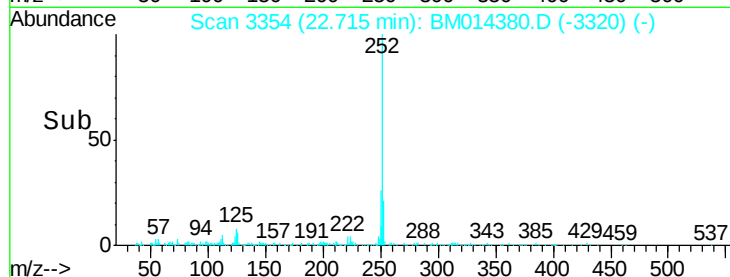
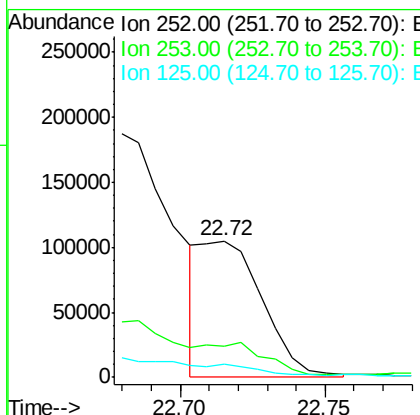
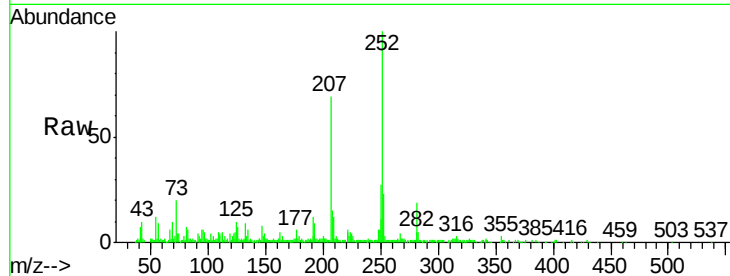
#86
Benzo(k)fluoranthene
Concen: 5.275 ng/ul m
RT: 22.72 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Instrument :
BNA_M
ClientSampled :
BE611

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.6	17.1	25.7	
125	9.9	3.4	5.2	

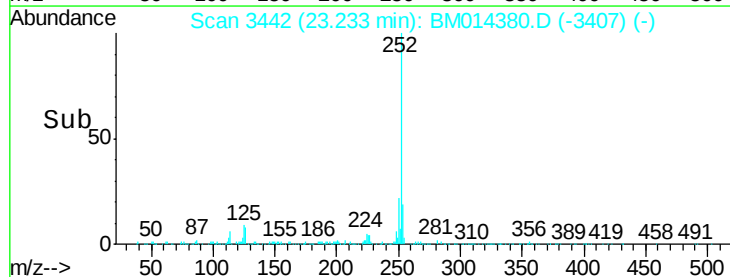
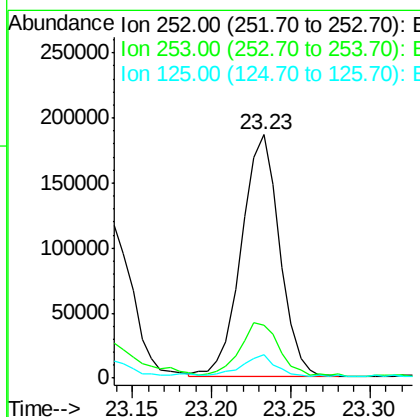
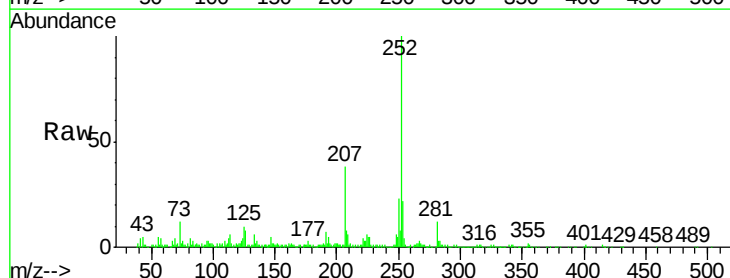
Manual Integrations
APPROVED

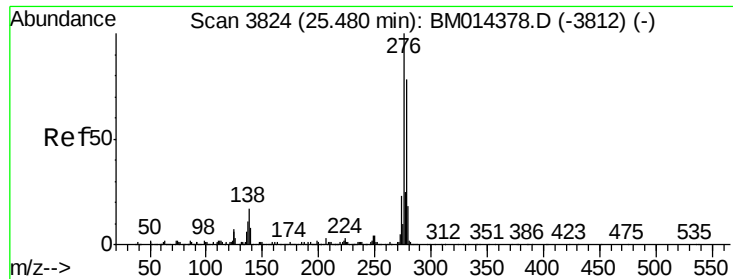
Sohil
2/28/2018 1:59:03 PM



#88
Benzo(a)pyrene
Concen: 11.360 ng/ul
RT: 23.23 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.9	18.2	27.2	
125	9.5	4.0	6.0	





#89

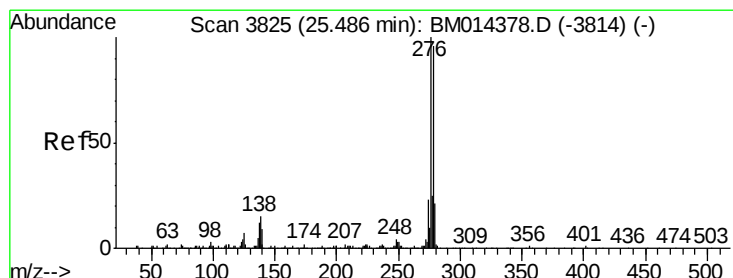
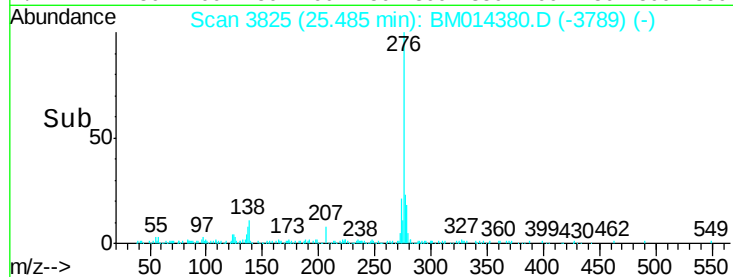
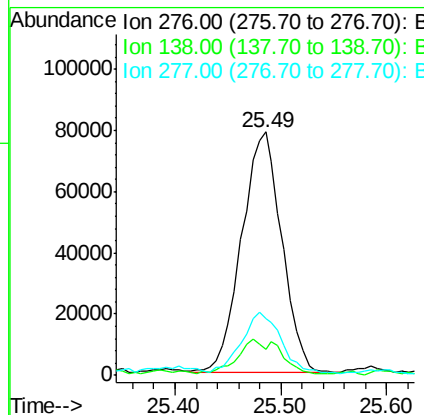
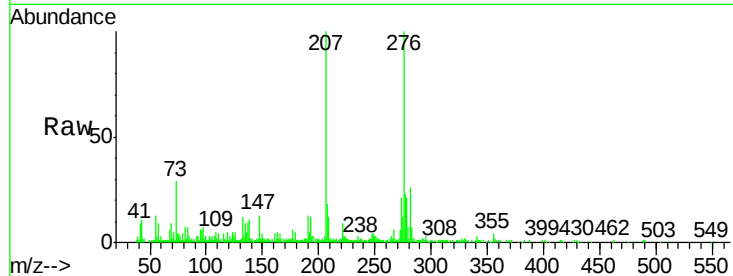
Indeno(1,2,3-cd)pyrene
Concen: 7.747 ng/ul
RT: 25.49 min Scan# 3825
Delta R.T. 0.01 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Instrument :
BNA_M
ClientSampled :
BE611

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.3	13.9
277	23.3	19.9	29.9

Manual Integrations
APPROVED

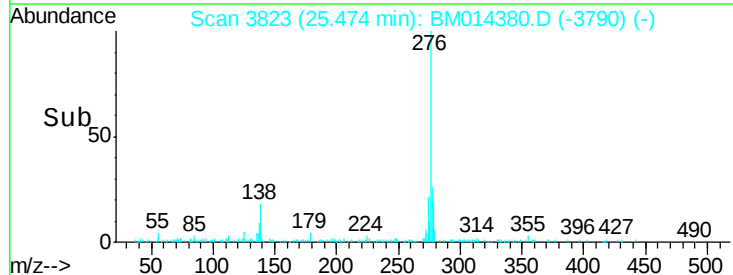
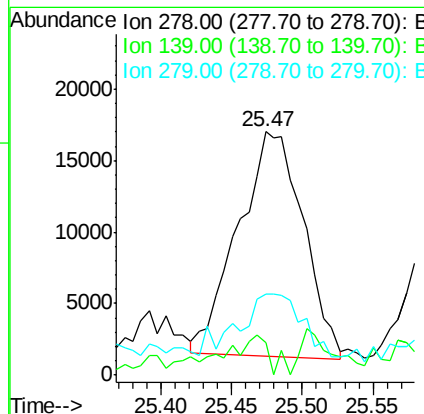
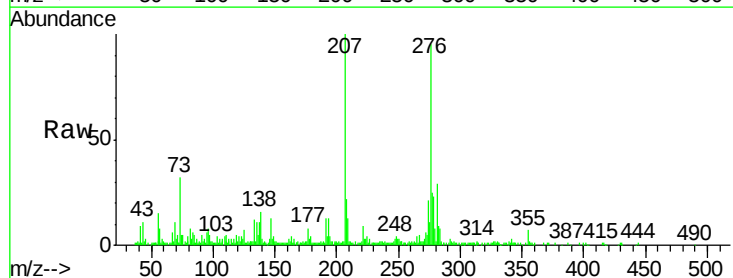
Sohil
2/28/2018 1:59:03 PM

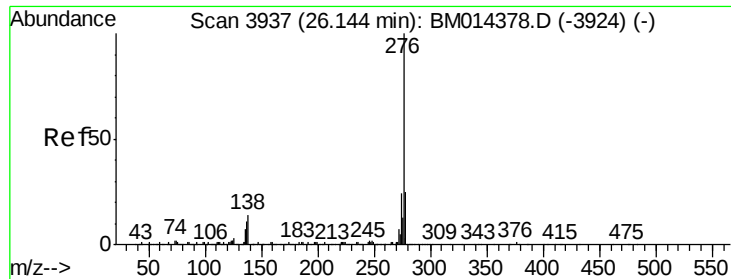


#90

Dibenzo(a,h)anthracene
Concen: 2.301 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014380.D
Acq: 27 Feb 2018 13:36

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.5	5.8	8.8#
279	33.1	18.6	27.8#





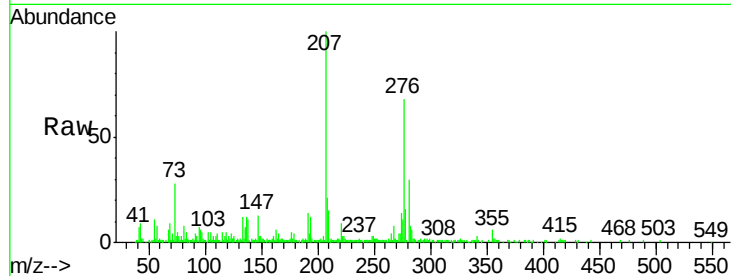
#91
 Benzo(a,h,i)perylene
 Concen: 6.820 ng/ul
 RT: 26.14 min Scan# 3937
 Delta R.T. 0.02 min
 Lab File: BM014380.D
 Acq: 27 Feb 2018 13:36

Instrument :
 BNA_M
 ClientSampleId :
 BE611

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	8.5	12.7#
277	23.6	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:03 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

