

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014347.D
 Acq On : 24 Feb 2018 00:55
 Operator : SJ/JU
 Sample : J1631-11 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE609

Manual Integrations
 APPROVED

Sohil
 2/26/2018 4:50:29 PM

Quant Time: Feb 24 01:58:30 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	147591	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	689763	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	407323	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	853592	20.00	ng/ul	0.00
75) Chrysene-d12	21.14	240	674284	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	570375	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	852m	0.25	ng/uL	0.01
5) Phenol-d5	6.74	99	18483m	1.48	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	10038	1.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	16080	1.68	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	15229m	1.40	ng/ul	0.03
19) Nitrobenzene-d5	8.70	128	8653m	1.70	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	8251m	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	15368m	1.41	ng/ul	0.06
29) 4-Chloroaniline-d4	10.49	131	11224m	1.04	ng/ul	0.04
43) Dimethylphthalate-d6	13.61	166	75728	2.25	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	92971	2.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	463	0.10	ng/ul	0.11
57) Fluorene-d10	15.19	176	67843	2.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	3775	0.74	ng/ul	0.02
70) Anthracene-d10	17.04	188	100324	2.44	ng/ul	0.00
76) Pyrene-d10	19.34	212	104350	3.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.17	264	73332	2.64	ng/ul	0.00

Target Compounds

					Ovalue	
69) Phenanthrene	16.98	178	210466	4.279	ng/ul	99
74) Fluoranthene	19.01	202	353265	6.012	ng/ul#	94
77) Pyrene	19.37	202	319998	7.141	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	149448	3.551	ng/ul	98
82) Chrysene	21.19	228	141444	3.603	ng/ul	95
85) Benzo(b)fluoranthene	22.68	252	160074	4.191	ng/ul#	89
86) Benzo(k)fluoranthene	22.71	252	62509m	1.722	ng/ul	
88) Benzo(a)pyrene	23.23	252	113616	3.329	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.47	276	76889	2.322	ng/ul	96
91) Benzo(g,h,i)perylene	26.14	276	60211m	2.244	ng/ul	

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

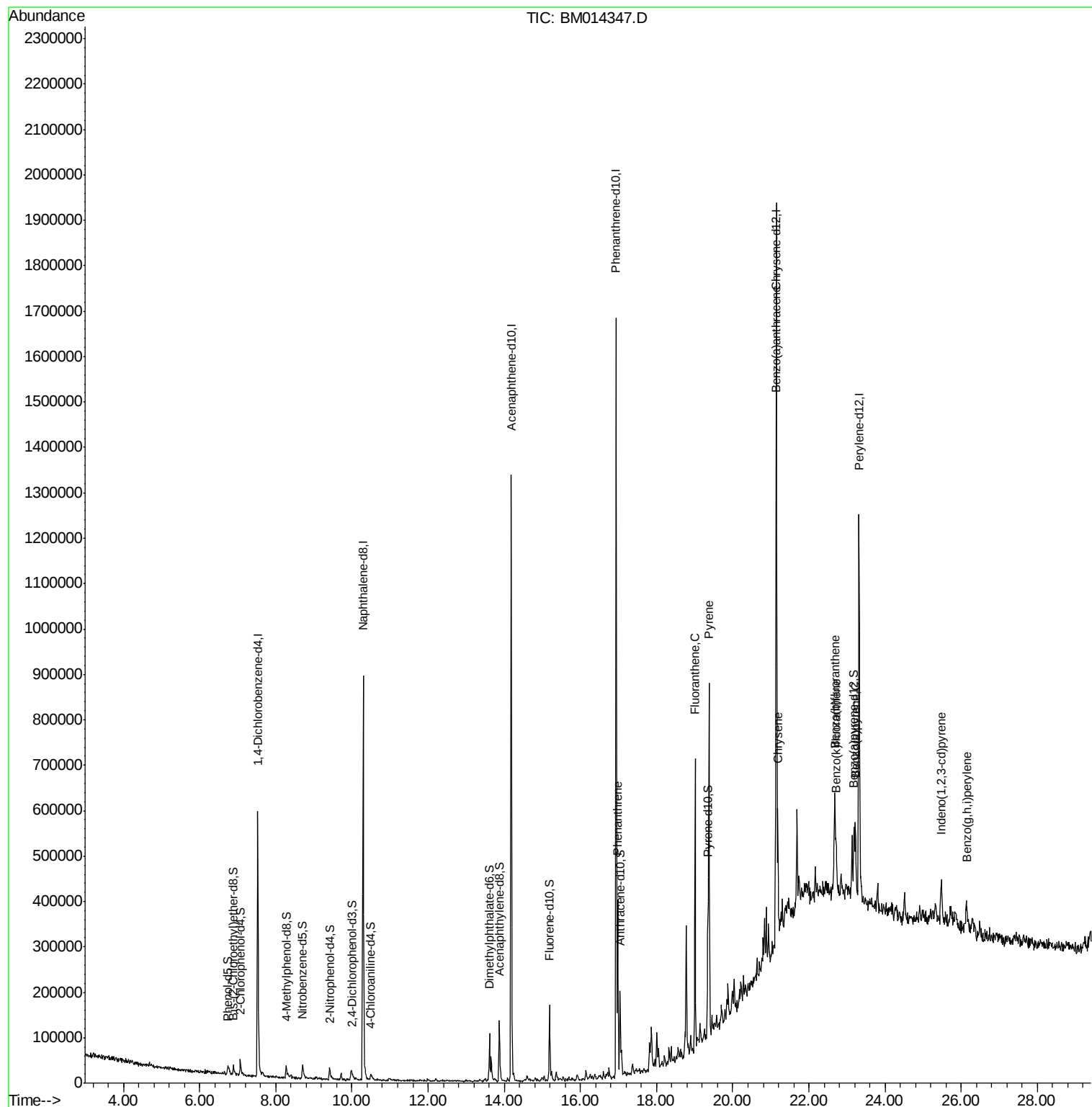
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
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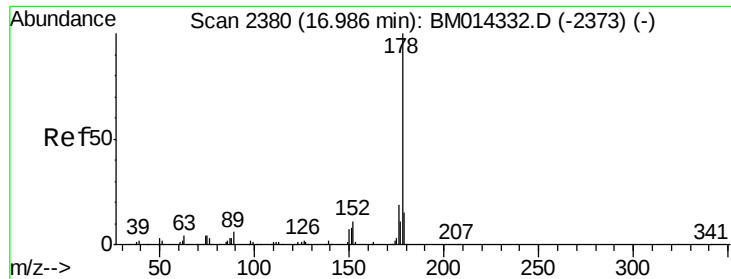
Instrument :
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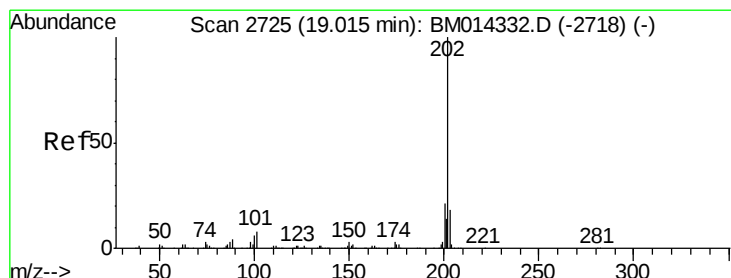
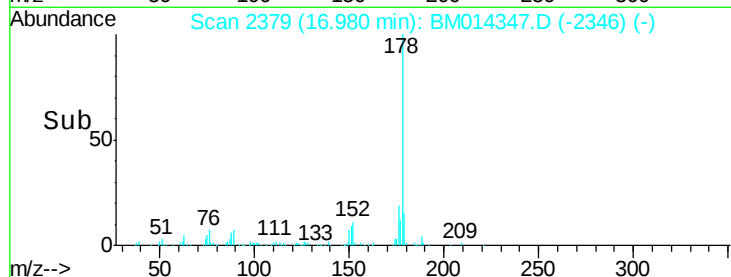
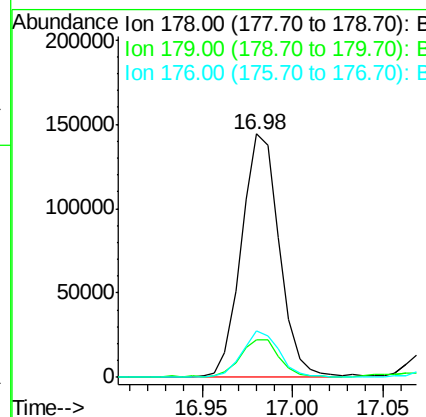
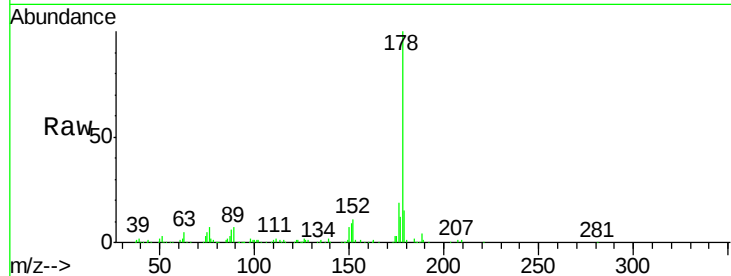
#69
Phenanthrene
Concen: 4.279 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014347.D
Acq: 24 Feb 2018 00:55

Instrument :
BNA_M
ClientSampled :
BE609

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.0	14.9	22.3

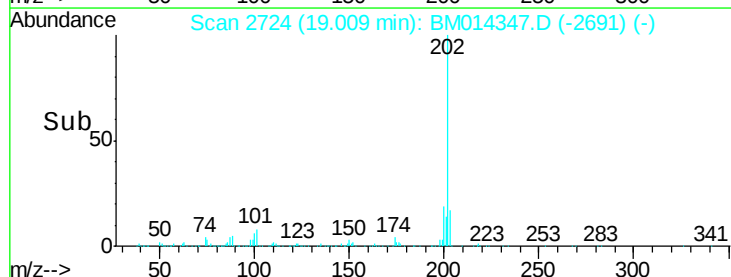
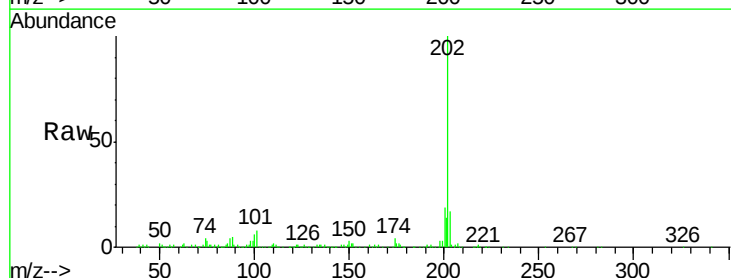
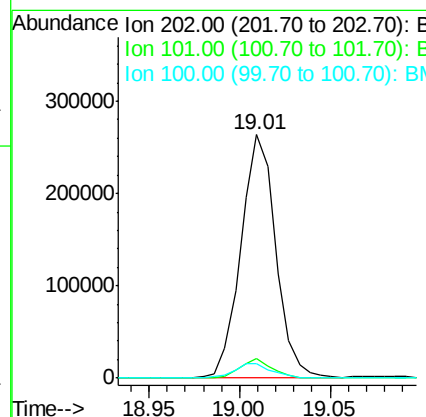
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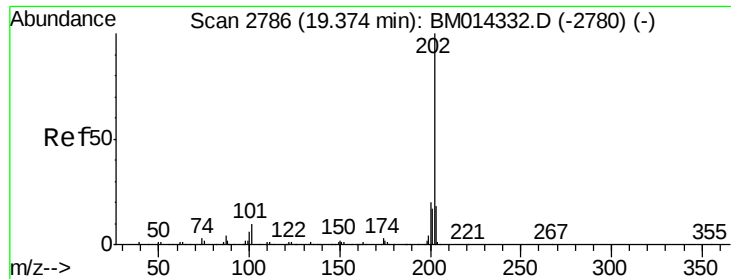
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#74
Fluoranthene
Concen: 6.012 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014347.D
Acq: 24 Feb 2018 00:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.1	3.4	5.2#





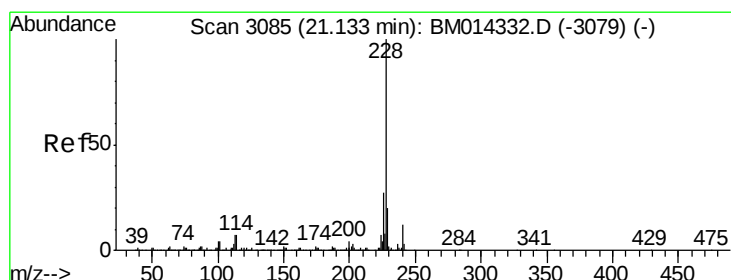
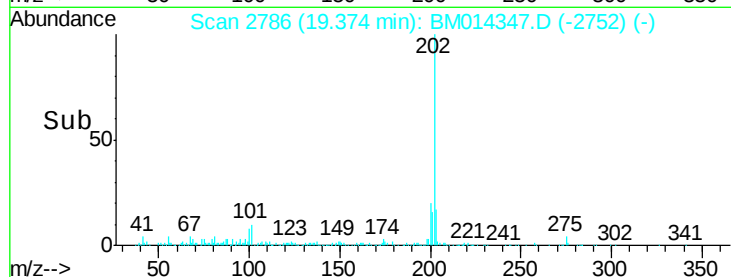
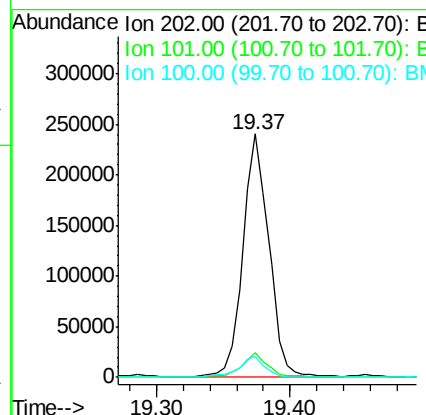
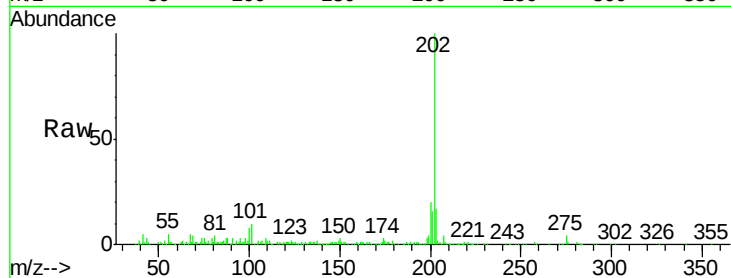
#77
 Pvrene
 Concen: 7.141 ng/ul
 RT: 19.37 min Scan# 2786
 Delta R.T. -0.00 min
 Lab File: BM014347.D
 Acq: 24 Feb 2018 00:55

Instrument :
 BNA_M
 ClientSampleId :
 BE609

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	8.4	4.9	7.3#

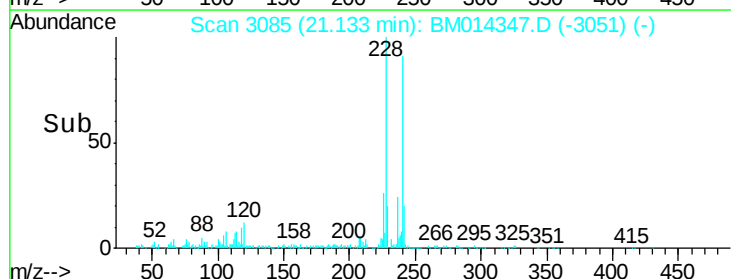
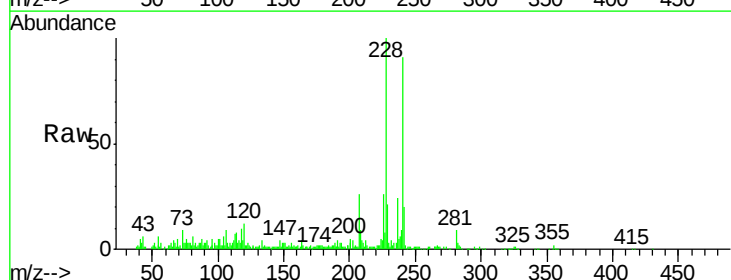
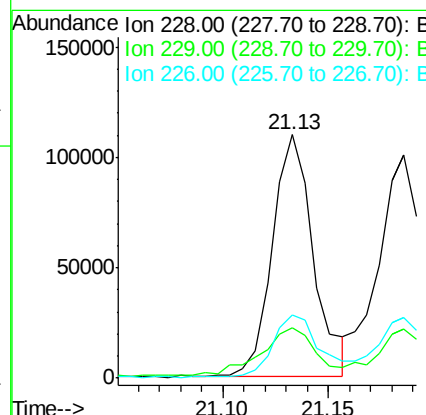
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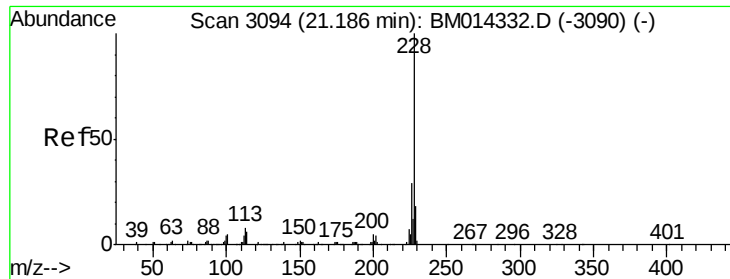
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#80
 Benzo(a)anthracene
 Concen: 3.551 ng/ul
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM014347.D
 Acq: 24 Feb 2018 00:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.9	15.4	23.0
226	25.9	21.4	32.0





#82

Chrysene

Concen: 3.603 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

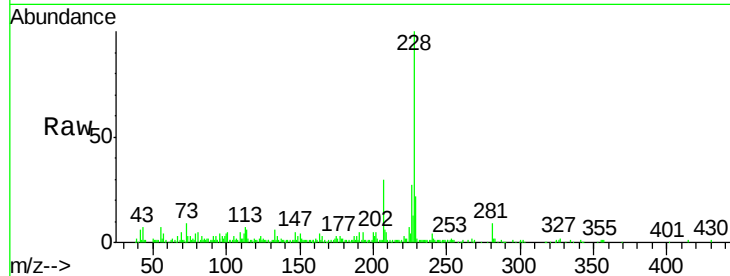
ClientSampled :

BE609

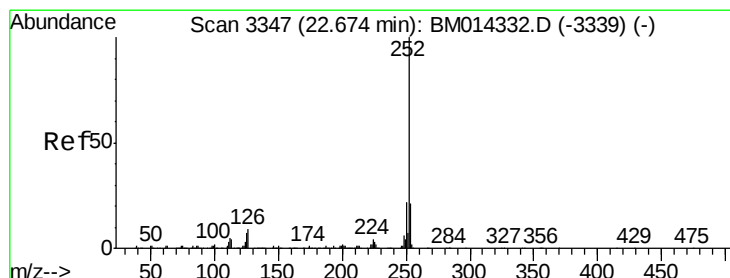
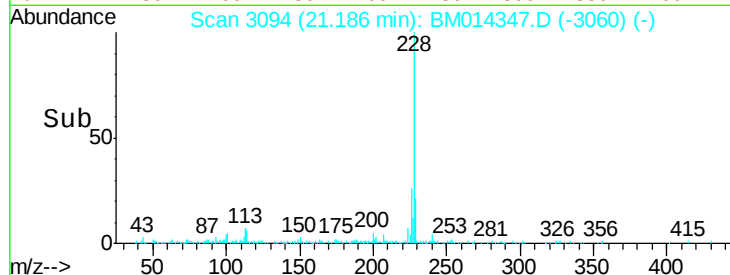
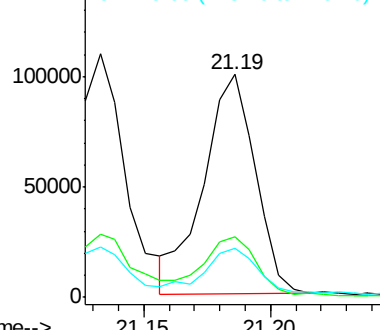
Tot Ion:	228	Resp:	141444
Ion Ratio		Lower	Upper
228	100		
226	26.9	23.4	35.2
229	21.8	15.5	23.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 4.191 ng/ul

RT: 22.68 min Scan# 3348

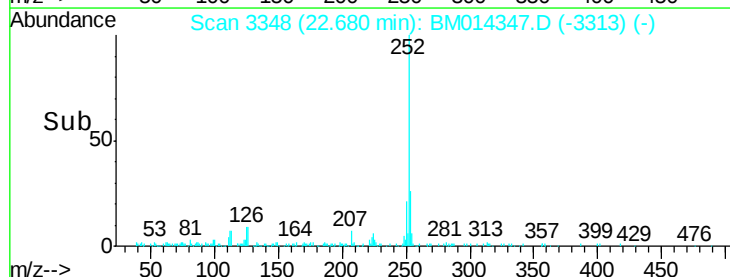
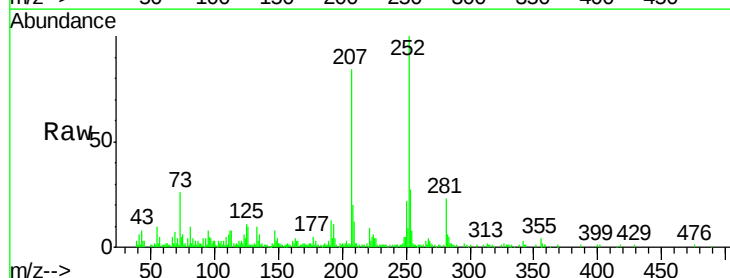
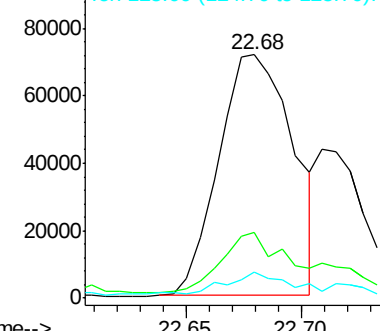
Delta R.T. 0.01 min

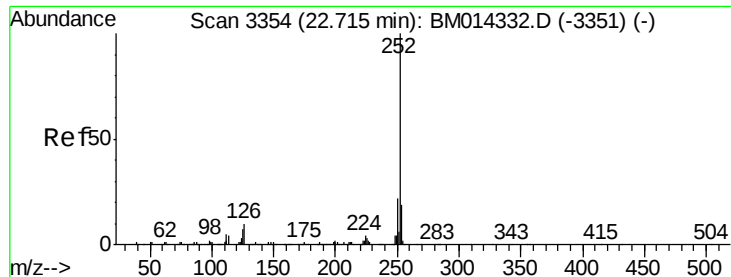
Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Tgt Ion:	252	Resp:	160074
Ion Ratio		Lower	Upper
252	100		
253	26.9	17.9	26.9#
125	10.7	3.6	5.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.722 ng/ul m

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Instrument :

BNA_M

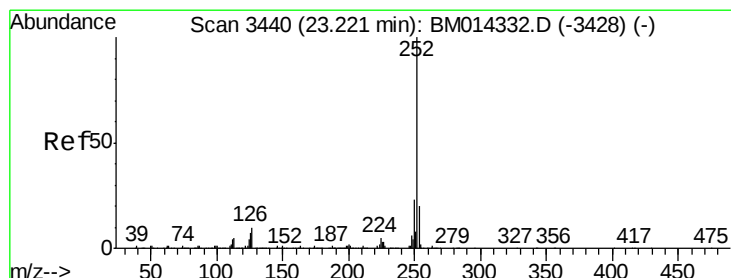
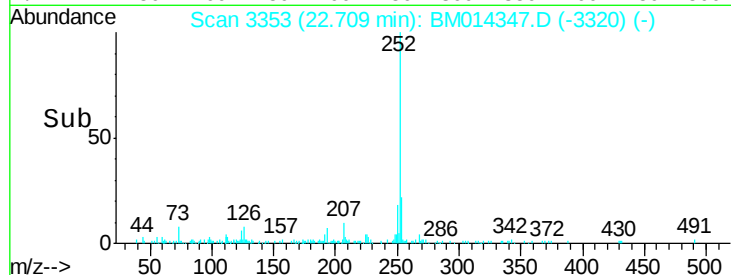
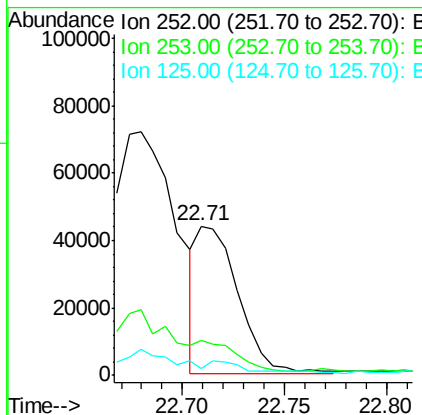
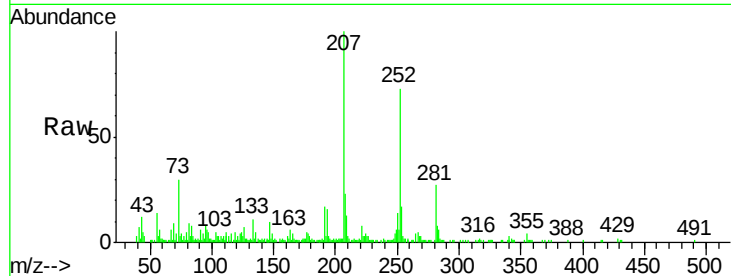
ClientSampled :

BE609

Tot Ion:	252	Resp:	62509
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	4.6	3.4	5.2

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 3.329 ng/ul

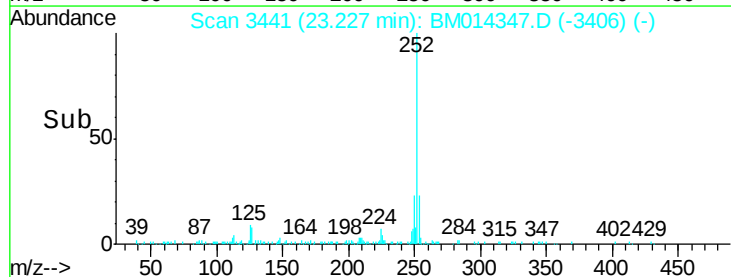
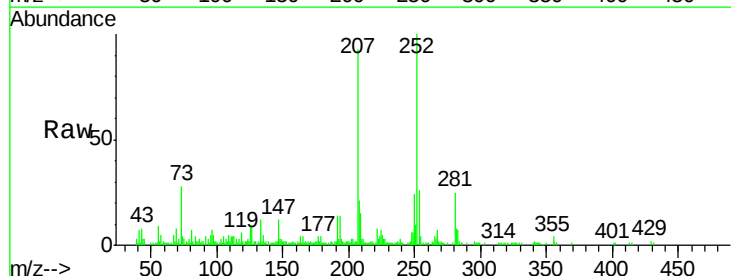
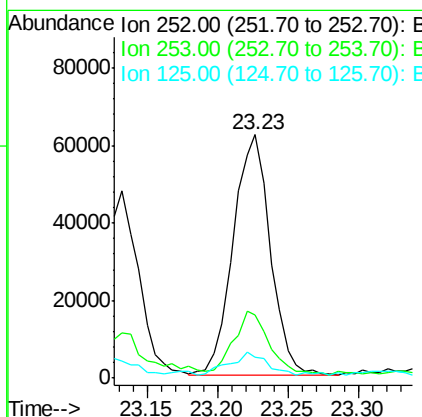
RT: 23.23 min Scan# 3441

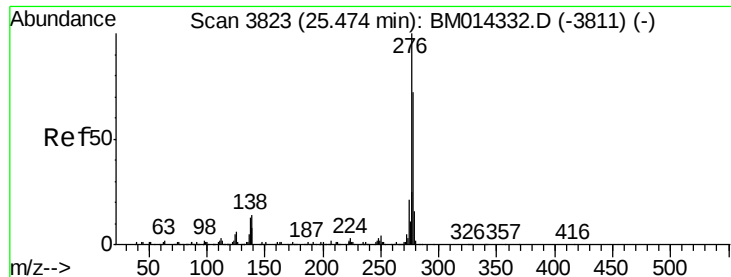
Delta R.T. 0.01 min

Lab File: BM014347.D

Acq: 24 Feb 2018 00:55

Tgt Ion:	252	Resp:	113616
Ion Ratio	Lower	Upper	
252	100		
253	25.9	18.2	27.2
125	8.6	4.0	6.0#





#89

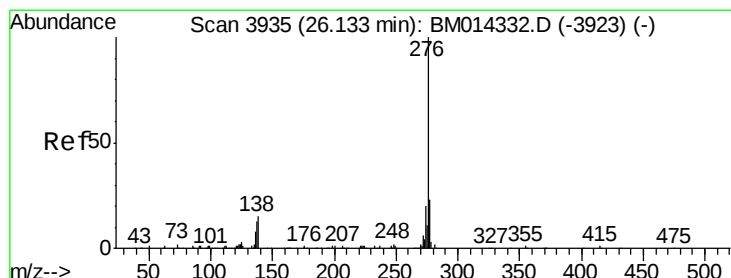
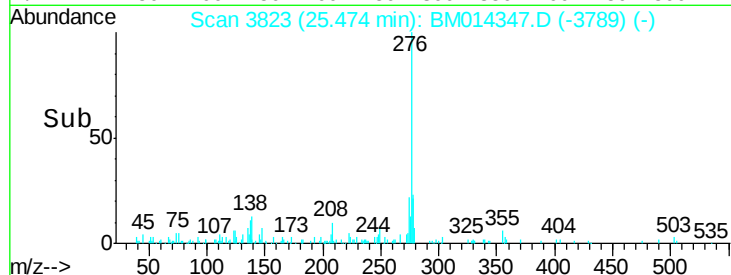
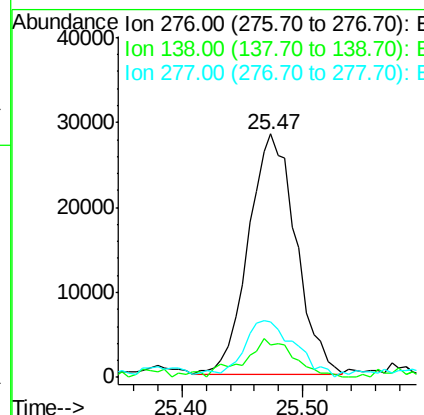
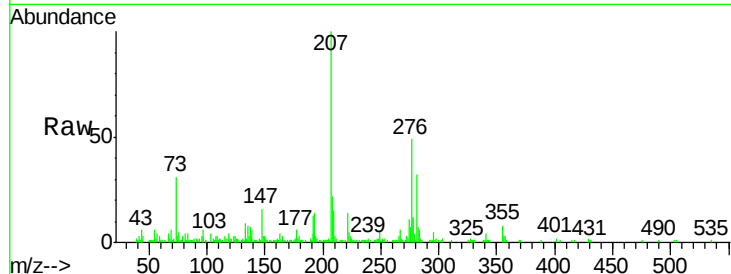
Indeno(1,2,3-cd)pyrene
Concen: 2.322 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014347.D
Acq: 24 Feb 2018 00:55

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Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	9.3	13.9
277	22.8	19.9	29.9

Manual Integrations
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#91

Benzo(g,h,i)perylene
Concen: 2.244 ng/ul m
RT: 26.14 min Scan# 3937
Delta R.T. 0.01 min
Lab File: BM014347.D
Acq: 24 Feb 2018 00:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	8.5	12.7#
277	27.7	18.6	28.0

