

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014338.D
 Acq On : 23 Feb 2018 19:32
 Operator : SJ/JU
 Sample : J1631-21 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE611

Manual Integrations
 APPROVED

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 2/26/2018 4:50:05 PM

Quant Time: Feb 24 00:30:35 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	77070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	340165	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	218010	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	494305	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	520500	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	479404	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	1409	0.78	ng/uL	0.00
5) Phenol-d5	6.75	99	12547	1.93	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.89	67	8314	2.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	14539m	2.91	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	15585m	2.73	ng/ul	0.03
19) Nitrobenzene-d5	8.72	128	7997m	3.18	ng/ul	0.04
22) 2-Nitrophenol-d4	9.42	143	5919	2.27	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.98	165	11149m	2.07	ng/ul	0.05
29) 4-Chloroaniline-d4	10.49	131	12799m	2.41	ng/ul	0.04
43) Dimethylphthalate-d6	13.62	166	55582	3.09	ng/ul	0.01
46) Acenaphthylene-d8	13.87	160	70950	3.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	301	0.12	ng/ul	0.11
57) Fluorene-d10	15.20	176	53614	3.32	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.37	200	4201m	1.42	ng/ul	0.04
70) Anthracene-d10	17.04	188	77743	3.26	ng/ul	0.00
76) Pyrene-d10	19.35	212	90547	3.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	78915	3.38	ng/ul	0.00

Target Compounds

					Ovalue
69) Phenanthrene	16.99	178	66343	2.329 ng/ul	97
74) Fluoranthene	19.02	202	97441	2.864 ng/ul	98
77) Pyrene	19.38	202	95640	2.765 ng/ul#	97
80) Benzo(a)anthracene	21.13	228	43157m	1.329 ng/ul	
82) Chrysene	21.19	228	43770	1.444 ng/ul	94
85) Benzo(b)fluoranthene	22.68	252	48990	1.526 ng/ul#	96

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

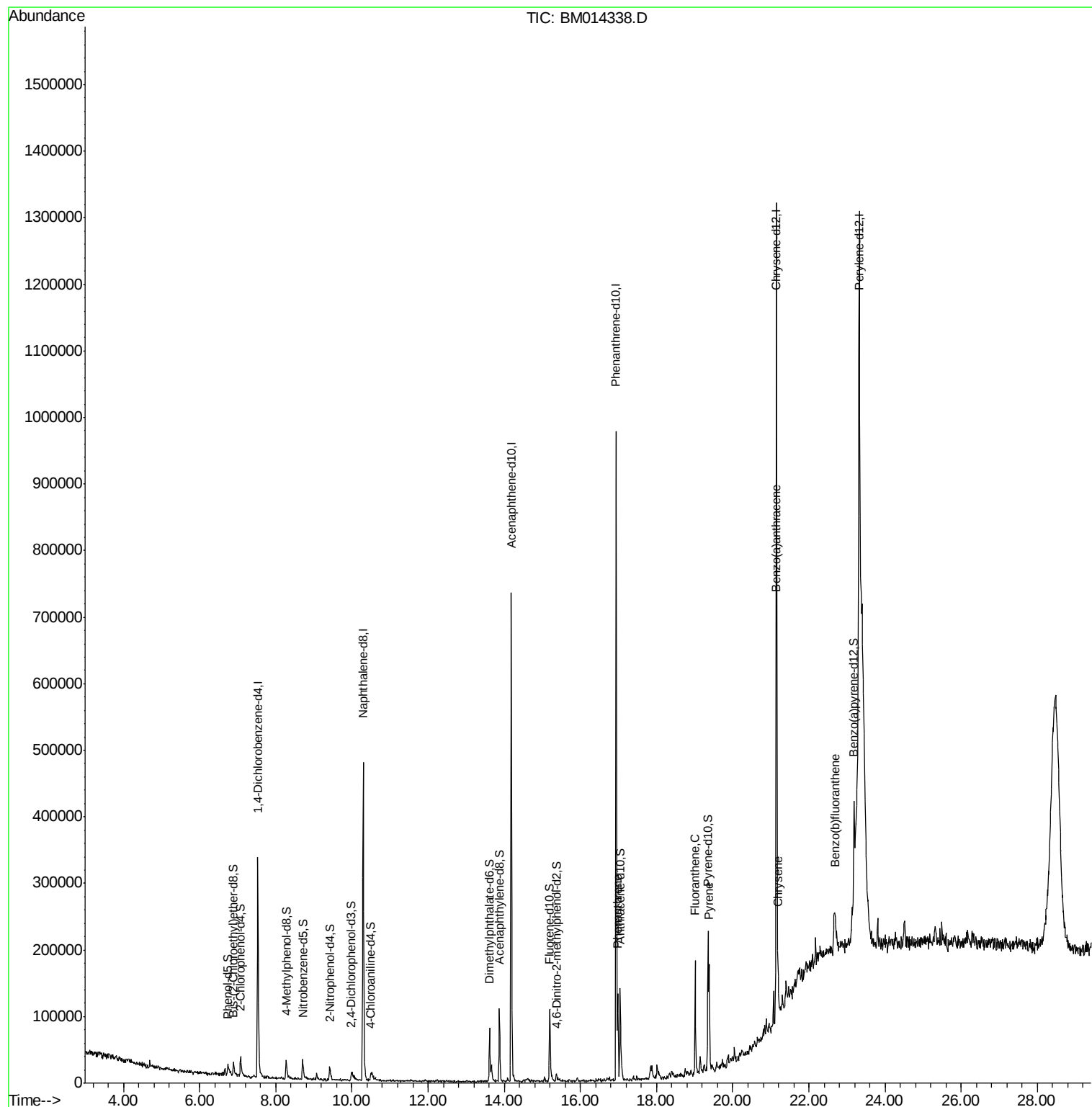
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Operator : SJ/JU
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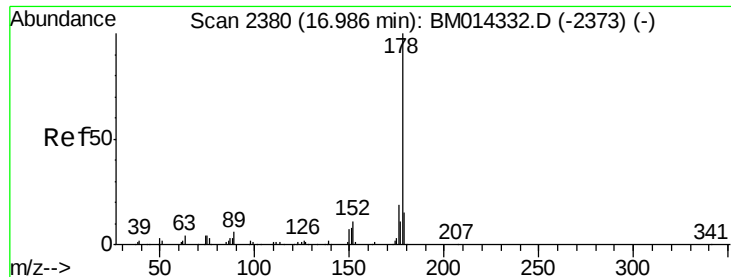
Instrument :
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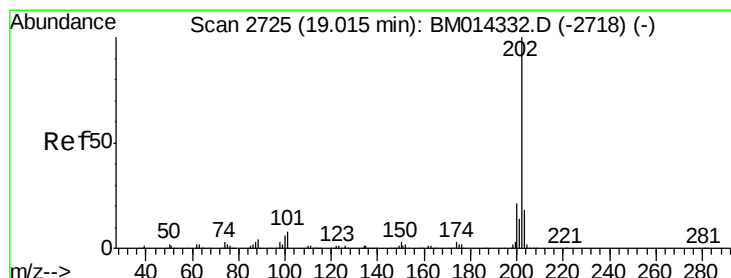
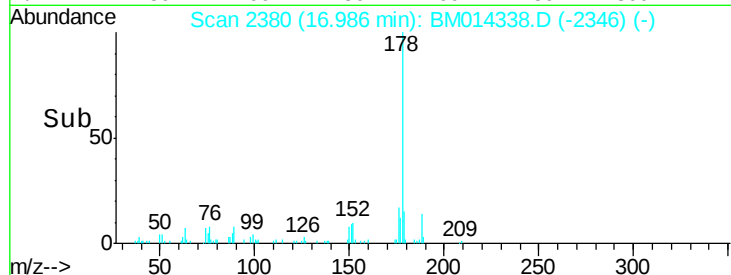
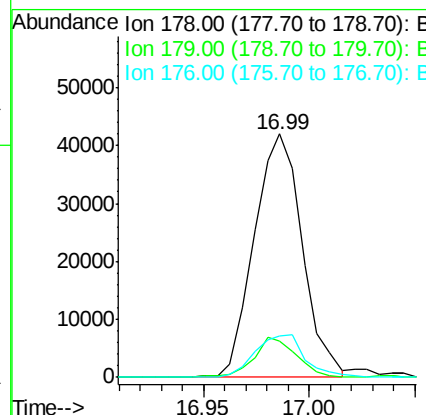
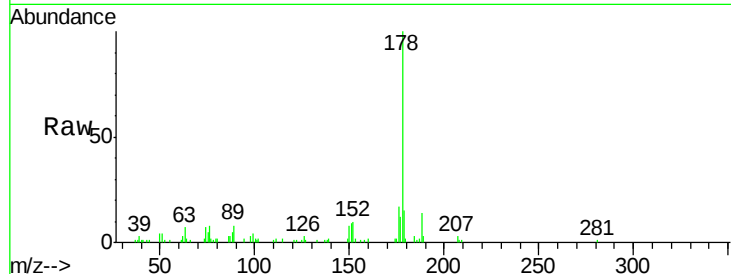
#69
Phenanthrene
Concen: 2.329 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.00 min
Lab File: BM014338.D
Acq: 23 Feb 2018 19:32

Instrument :
BNA_M
ClientSampled :
BE611

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	17.0	14.9	22.3

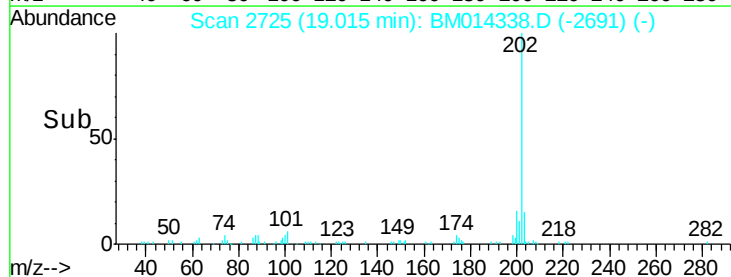
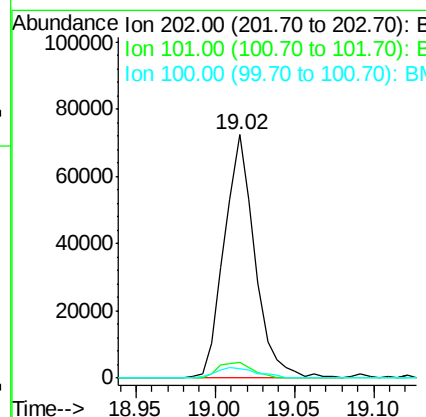
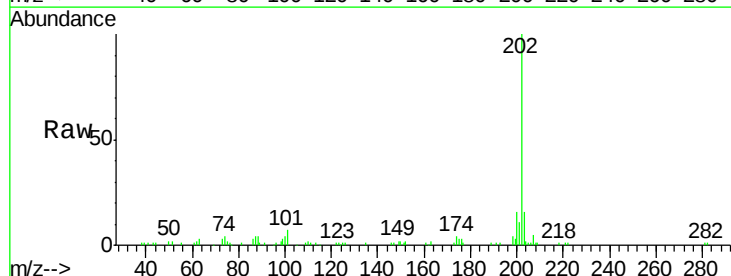
Manual Integrations
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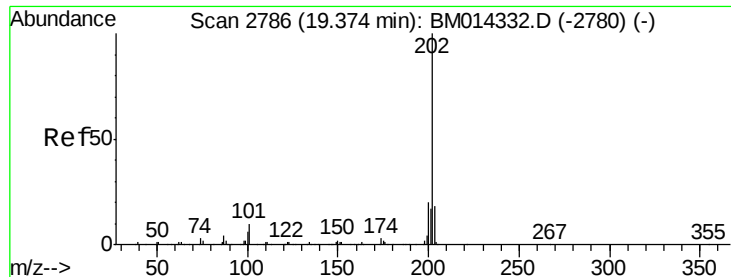
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#74
Fluoranthene
Concen: 2.864 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. -0.00 min
Lab File: BM014338.D
Acq: 23 Feb 2018 19:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	3.9	3.4	5.2





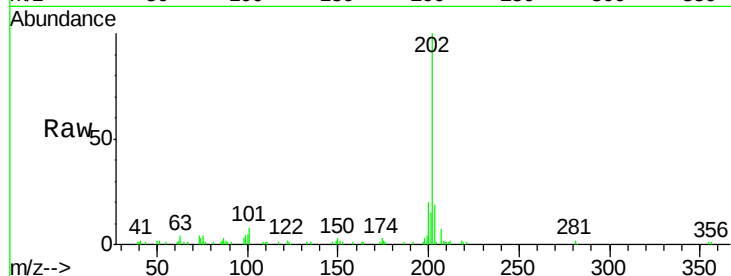
#77
 Pvrene
 Concen: 2.765 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. 0.01 min
 Lab File: BM014338.D
 Acq: 23 Feb 2018 19:32

Instrument :
 BNA_M
 ClientSampleId :
 BE611

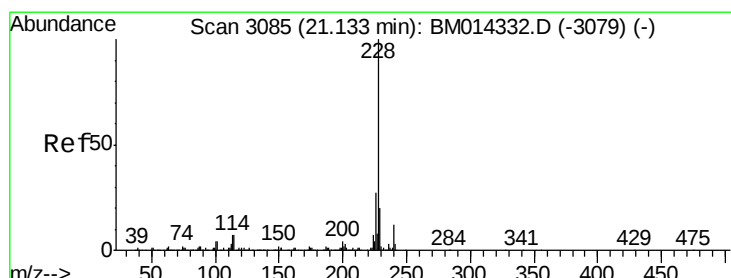
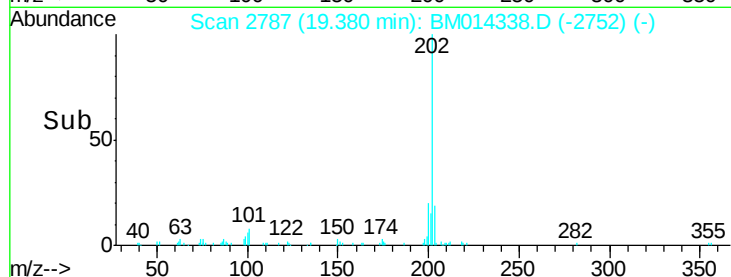
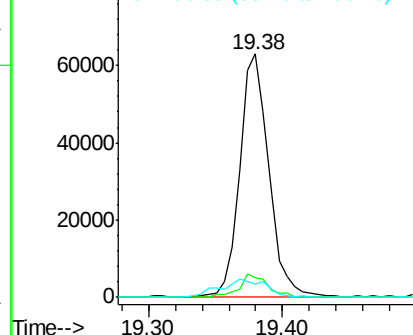
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	5.4	4.9	7.3

Manual Integrations
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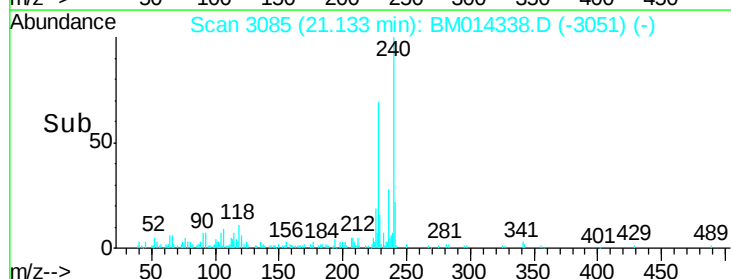
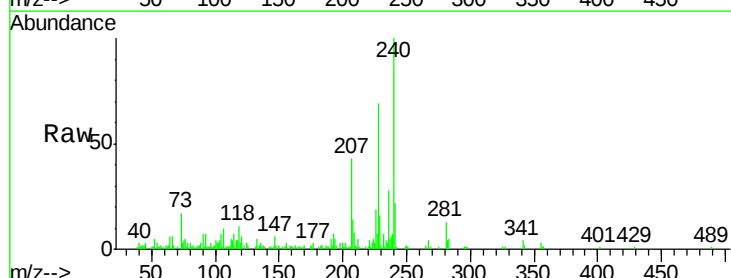
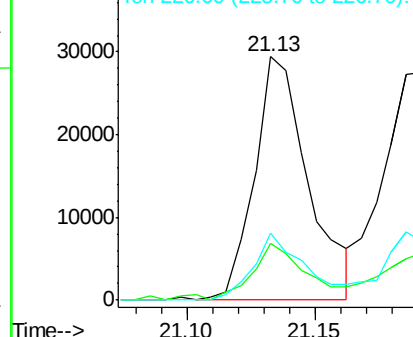
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

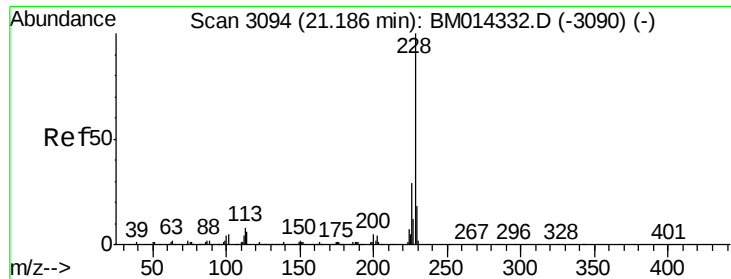


#80
 Benzo(a)anthracene
 Concen: 1.329 ng/ul m
 RT: 21.13 min Scan# 3085
 Delta R.T. -0.00 min
 Lab File: BM014338.D
 Acq: 23 Feb 2018 19:32

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.1	15.4	23.0#
226	27.7	21.4	32.0

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





#82

Chrysene

Concen: 1.444 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014338.D

Acq: 23 Feb 2018 19:32

Instrument :

BNA_M

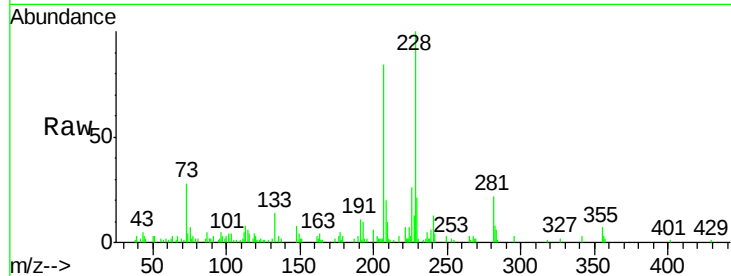
ClientSampled :

BE611

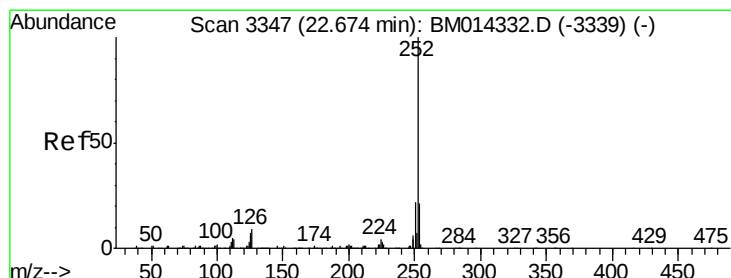
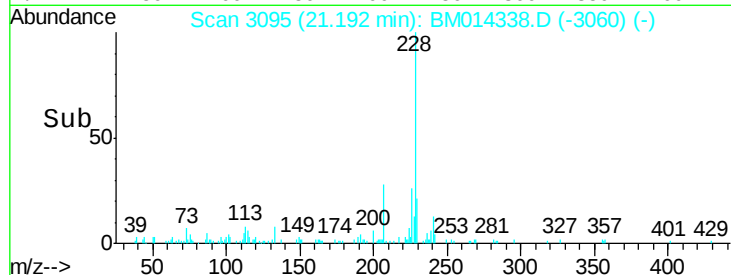
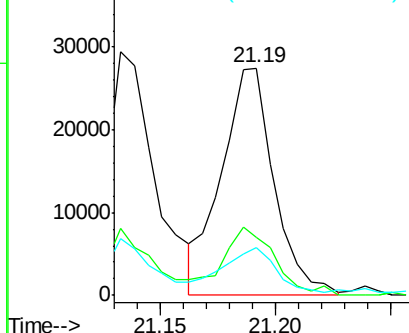
Tot Ion:	228	Resp:	43770
Ion Ratio	Lower	Upper	
228	100		
226	25.6	23.4	35.2
229	21.0	15.5	23.3

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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: 1.526 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BM014338.D

Acq: 23 Feb 2018 19:32

Tgt Ion:	252	Resp:	48990
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	11.1	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

