

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014484.D
 Acq On : 05 Mar 2018 22:00
 Operator : SJ/JU
 Sample : J1678-14DL 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5W2DL

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:47:13 PM

Quant Time: Mar 06 02:52:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:57:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	88230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	345167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	191477	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	387419	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	364698	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	345383	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	1194	0.58	ng/uL	0.00
5) Phenol-d5	6.76	99	15531	2.08	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.87	67	11280	2.50	ng/ul	0.01
9) 2-Chlorophenol-d4	7.07	132	14289	2.50	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	8617	1.32	ng/ul	0.04
19) Nitrobenzene-d5	8.70	128	6834m	2.68	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	7114m	2.69	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	11118m	2.03	ng/ul	0.06
29) 4-Chloroaniline-d4	10.51	131	9356m	1.74	ng/ul	0.06
43) Dimethylphthalate-d6	13.61	166	43666m	2.76	ng/ul	0.01
46) Acenaphthylene-d8	13.87	160	59633	3.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	814	0.37	ng/ul	0.07
57) Fluorene-d10	15.19	176	39477	2.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.04	188	60376	3.23	ng/ul	0.00
76) Pyrene-d10	19.35	212	65894	3.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	53444m	3.18	ng/ul	0.00

Target Compounds

					Ovalue	
74) Fluoranthene	19.02	202	53719	2.014	ng/ul#	94
77) Pyrene	19.38	202	49827	2.056	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	31141	1.368	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.06	149	351127	24.465	ng/ul#	94
82) Chrysene	21.19	228	31274	1.473	ng/ul#	88
85) Benzo(b)fluoranthene	22.70	252	43879	1.897	ng/ul#	84
88) Benzo(a)pyrene	23.25	252	29123m	1.409	ng/ul	

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

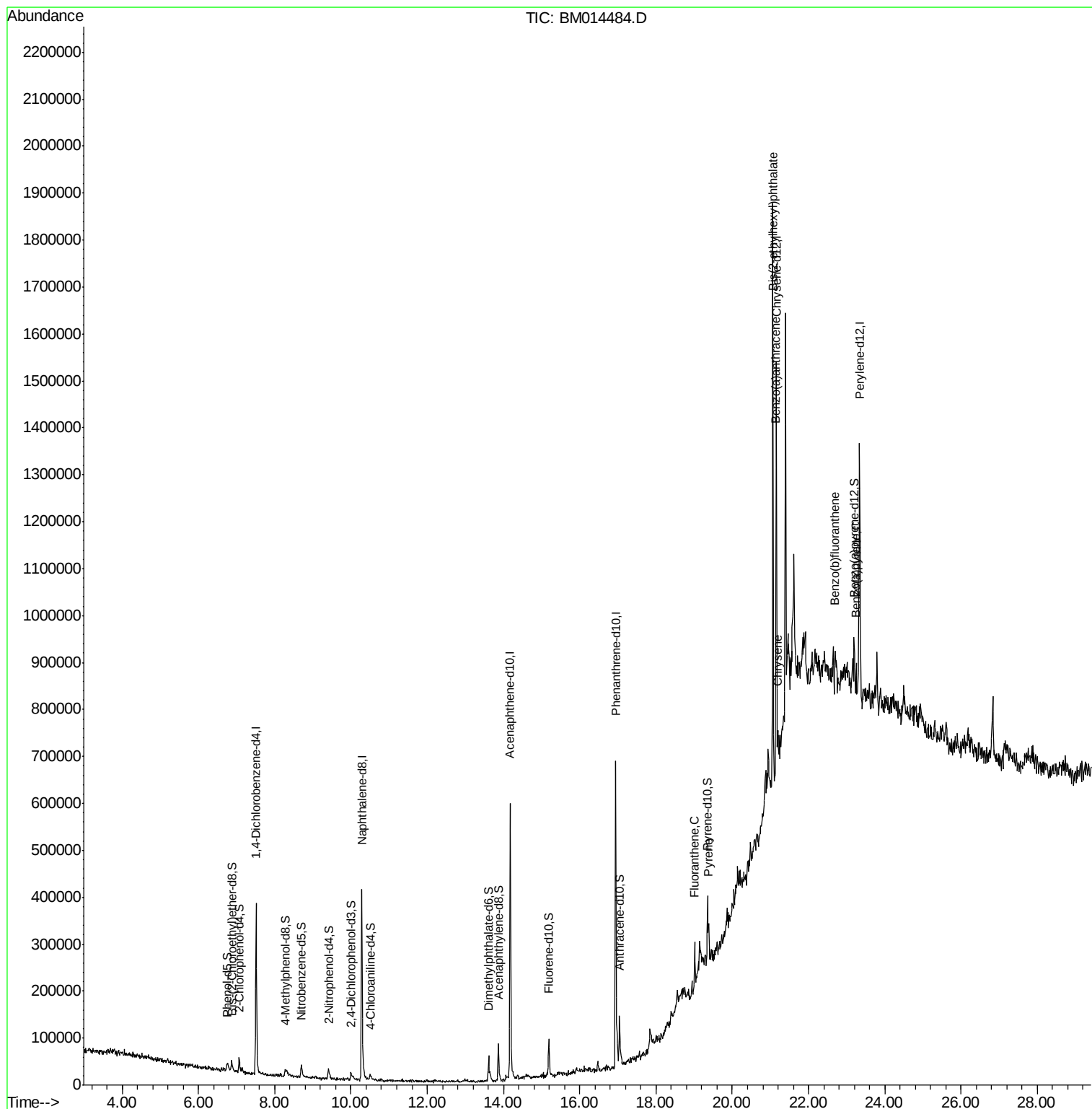
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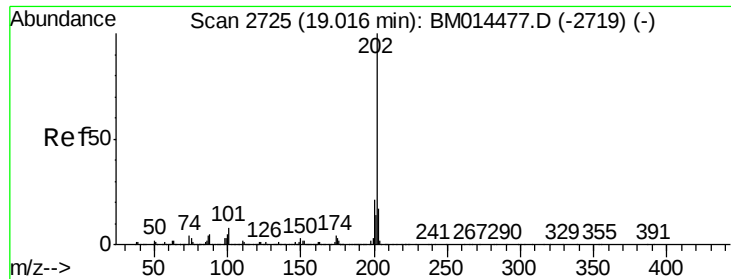
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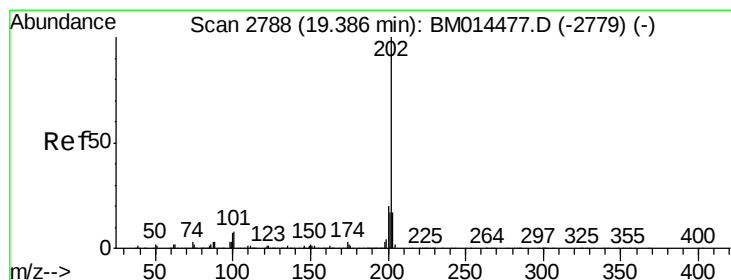
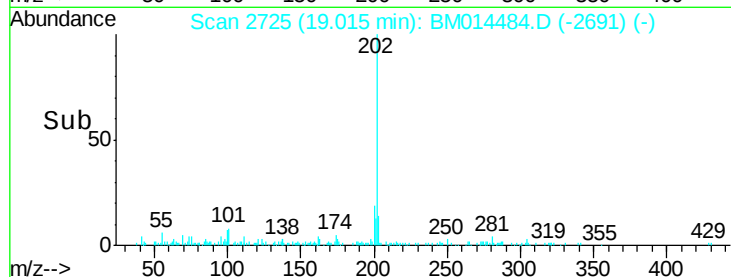
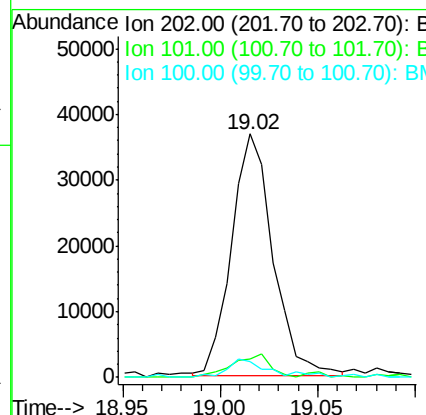
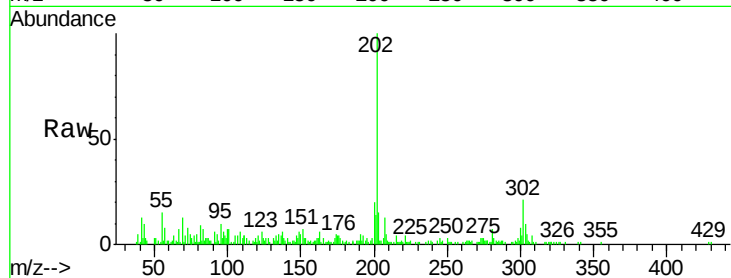
#74
 Fluoranthene
 Concen: 2.014 ng/ul
 RT: 19.02 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: BM014484.D
 Acq: 05 Mar 2018 22:00

Instrument :
 BNA_M
 ClientSampleId :
 BE5W2DL

Tot Ion:	202	Resp:	53719
Ion Ratio	Lower	Upper	
202	100		
101	7.5	4.6	7.0#
100	6.6	3.4	5.2#

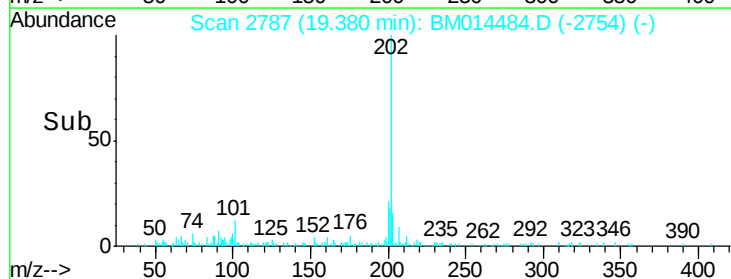
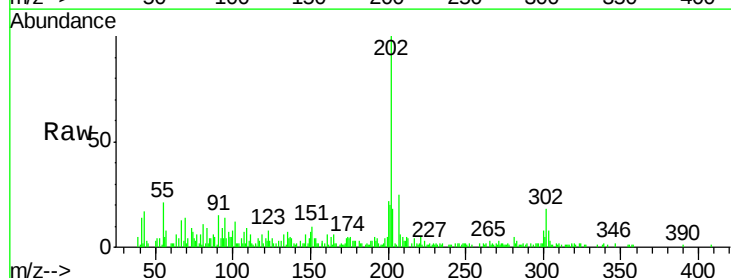
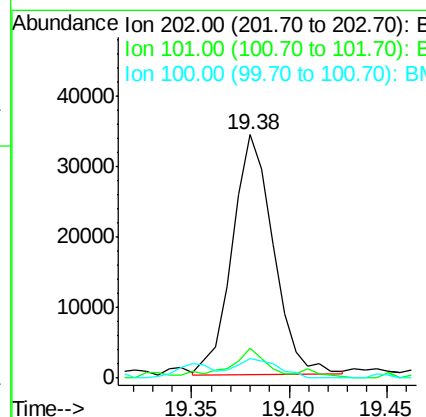
Manual Integrations
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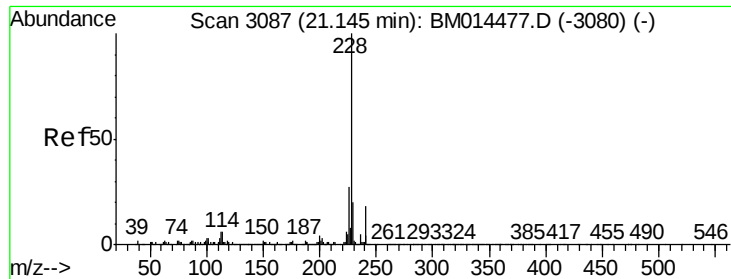
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#77
 Pyrene
 Concen: 2.056 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. -0.01 min
 Lab File: BM014484.D
 Acq: 05 Mar 2018 22:00

Tgt Ion:	202	Resp:	49827
Ion Ratio	Lower	Upper	
202	100		
101	12.1	5.1	7.7#
100	8.0	4.9	7.3#





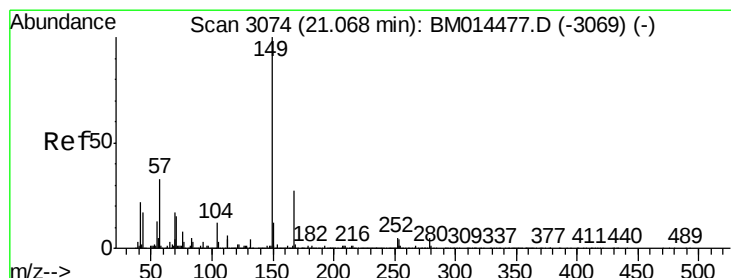
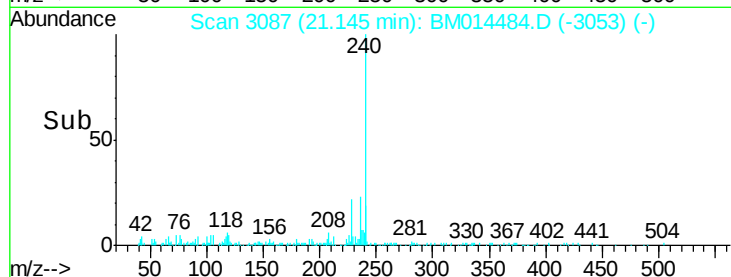
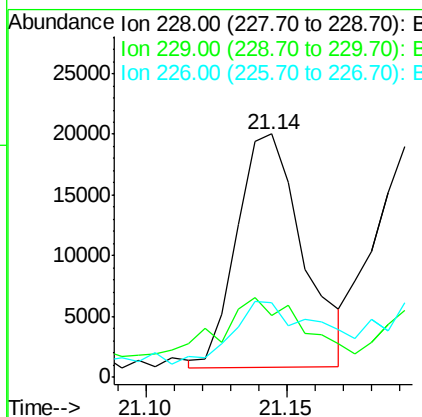
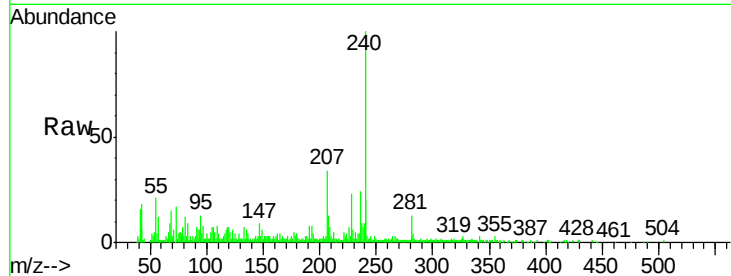
#80
Benzo(a)anthracene
Concen: 1.368 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM014484.D
Acq: 05 Mar 2018 22:00

Instrument :
BNA_M
ClientSampleID :
BE5W2DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.6	15.4	23.0#
226	30.7	21.4	32.0

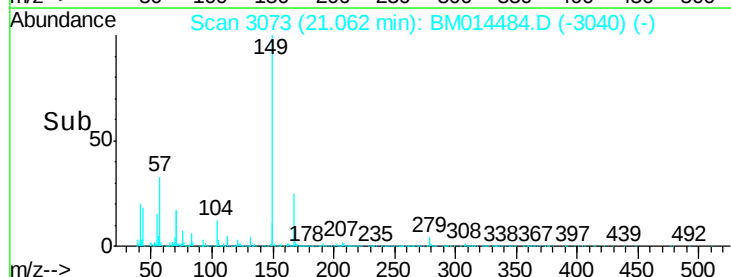
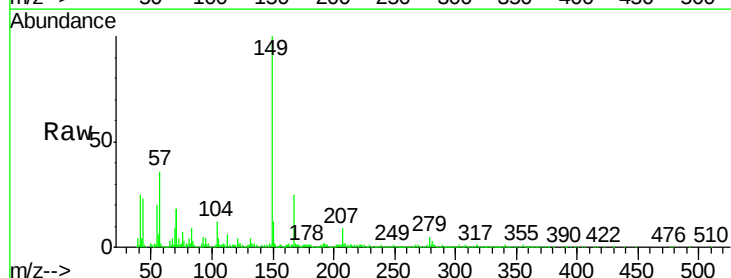
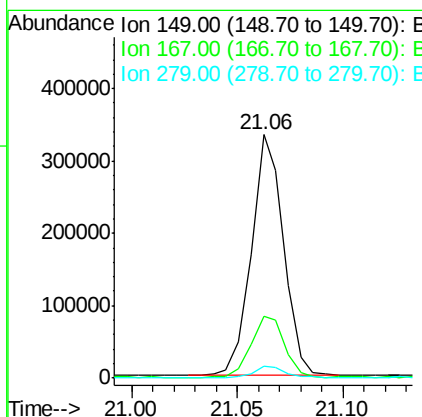
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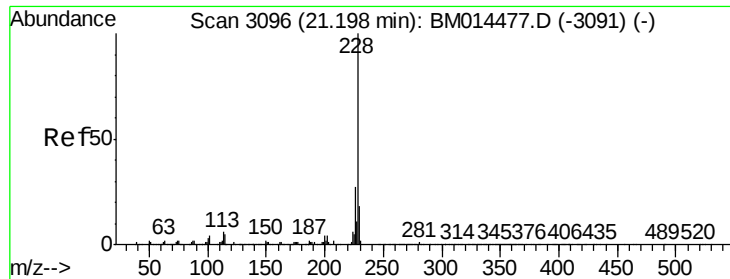
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#81
Bis(2-ethylhexyl)phthalate
Concen: 24.465 ng/ul
RT: 21.06 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BM014484.D
Acq: 05 Mar 2018 22:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.4	22.8	34.2
279	4.6	4.9	7.3#





#82

Chrysene

Concen: 1.473 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM014484.D

Acq: 05 Mar 2018 22:00

Instrument :

BNA_M

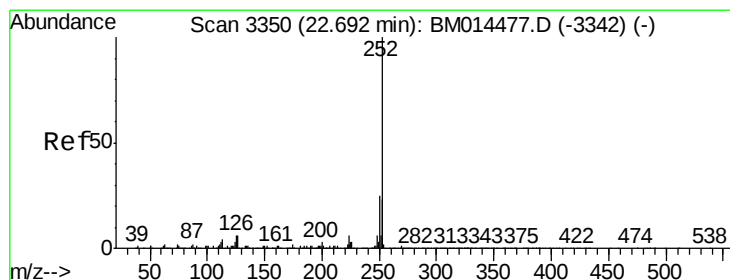
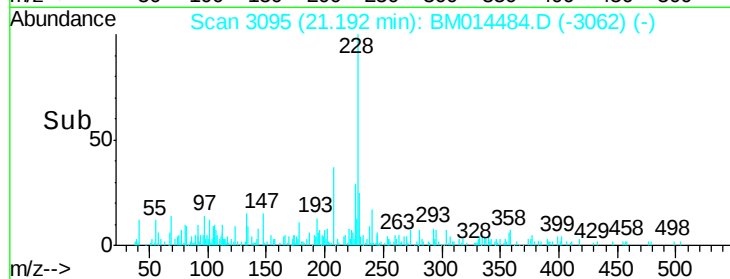
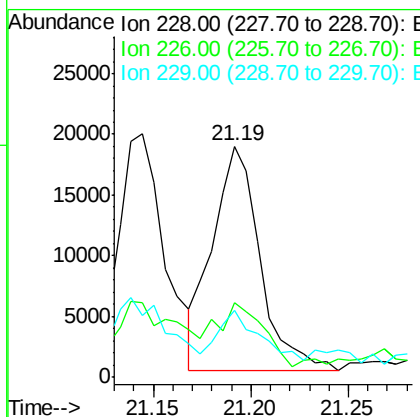
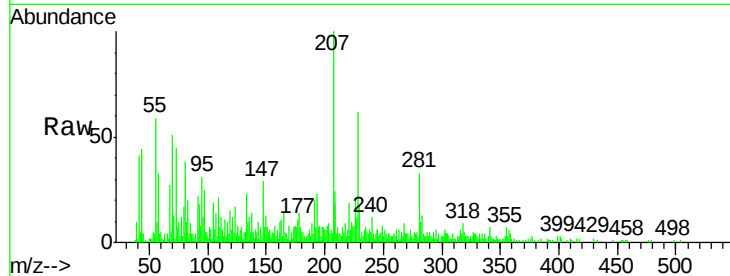
ClientSampleId :

BE5W2DL

Tot Ion:	228	Resp:	31274
Ion Ratio	Lower	Upper	
228	100		
226	32.4	23.4	35.2
229	29.0	15.5	23.3#

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.897 ng/ul

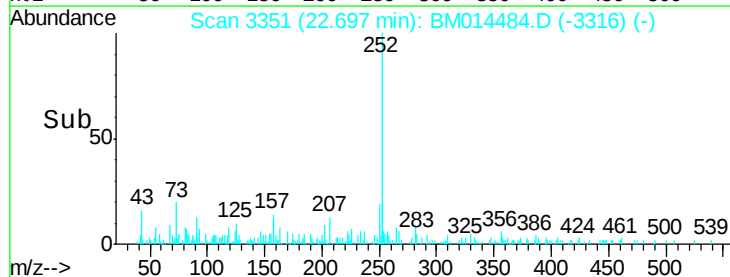
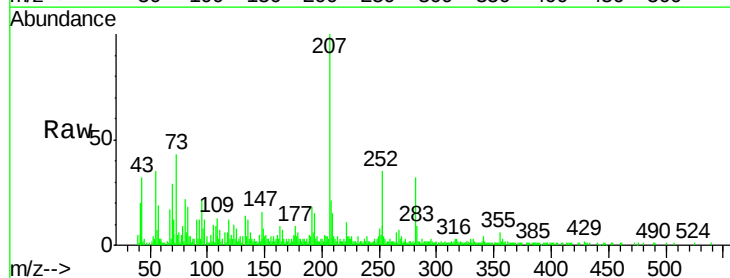
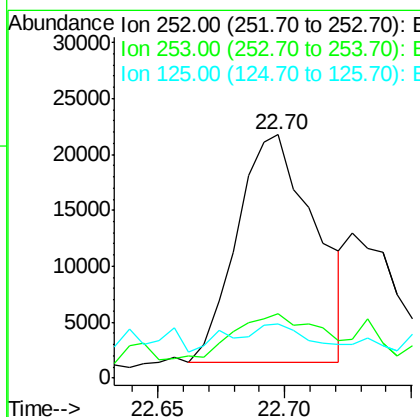
RT: 22.70 min Scan# 3351

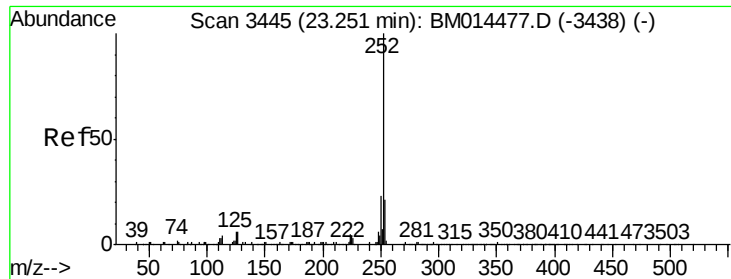
Delta R.T. 0.01 min

Lab File: BM014484.D

Acq: 05 Mar 2018 22:00

Tgt Ion:	252	Resp:	43879
Ion Ratio	Lower	Upper	
252	100		
253	26.3	17.9	26.9
125	22.2	3.6	5.4#





#88

Benzo(a)pyrene

Concen: 1.409 ng/ul m

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014484.D

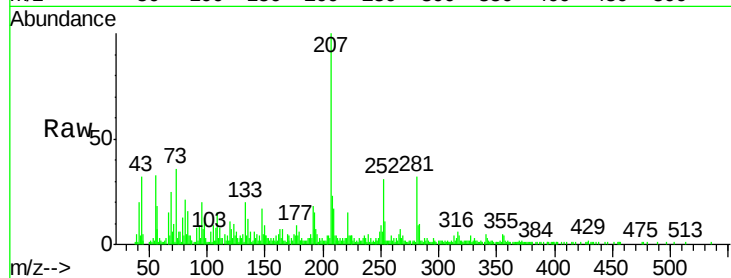
Acq: 05 Mar 2018 22:00

Instrument :

BNA_M

ClientSampleId :

BE5W2DL



Tot Ion:	252	Resp:	29123
Ion Ratio	Lower	Upper	
252	100		
253	37.0	18.2	27.2#
125	19.6	4.0	6.0#

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