

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014484.D
 Acq On : 05 Mar 2018 22:00
 Operator : SJ/JU
 Sample : J1678-14DL10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 06 00:00:15 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	4339	1.70	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	6134	2.32	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.00	165	5426	0.99	ng/ul	0.06
29) 4-Chloroaniline-d4	10.51	131	5375	1.00	ng/ul	0.06
43) Dimethylphthalate-d6	13.61	166	35922	2.27	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	23.34	264	340316	20.25	ng/ul	0.14

Target Compounds

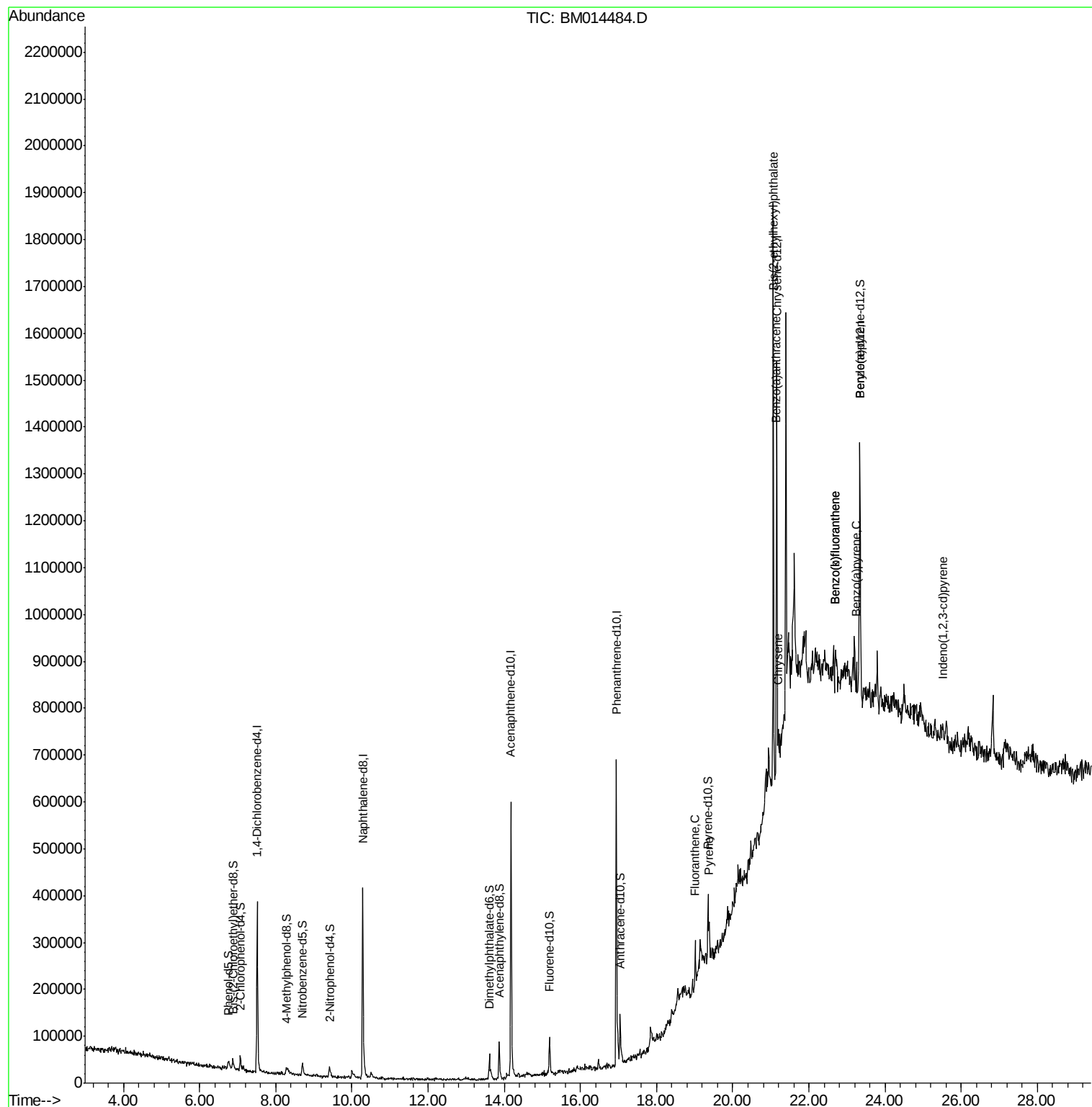
					Ovalue	
74) Fluoranthene	19.02	202	53719	2.014	ng/ul#	94
77) Pyrene	19.38	202	49827	2.056	ng/ul#	89
80) Benzo(a)anthracene	21.14	228	31141	1.368	ng/ul#	90
81) Bis(2-ethylhexyl)phthalate	21.06	149	351127	24.465	ng/ul#	94
82) Chrysene	21.19	228	31274	1.473	ng/ul#	88
85) Benzo(b)fluoranthene	22.70	252	43879	1.897	ng/ul#	84
86) Benzo(k)fluoranthene	22.70	252	43879	1.996	ng/ul#	82
88) Benzo(a)pyrene	23.25	252	27299	1.321	ng/ul#	68
89) Indeno(1,2,3-cd)pyrene	25.52	276	20994	1.047	ng/ul#	88

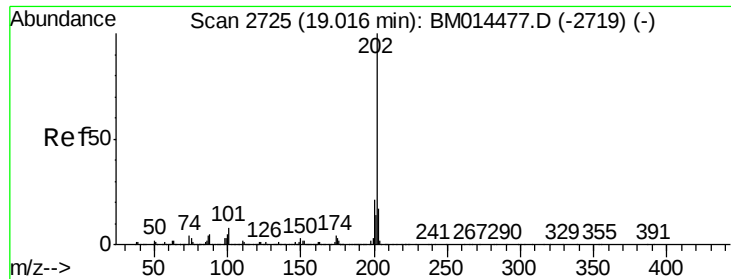
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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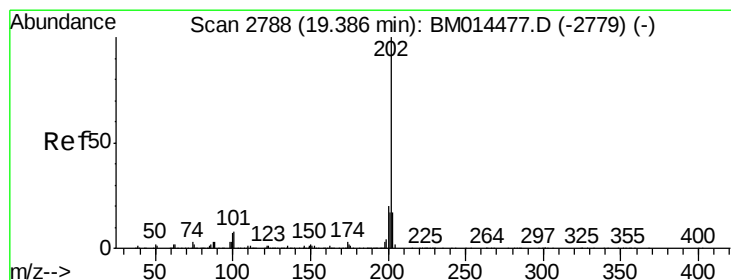
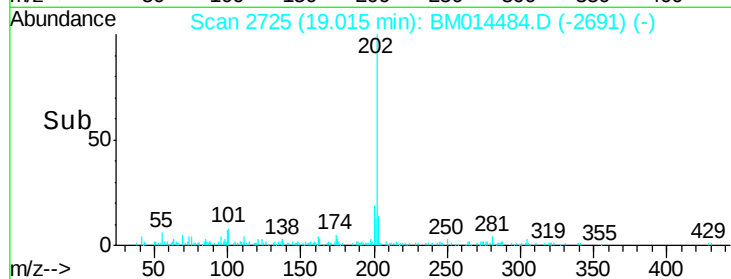
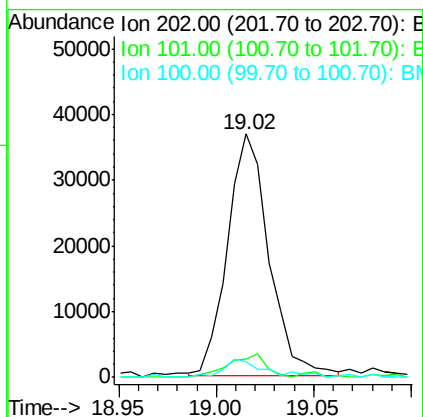
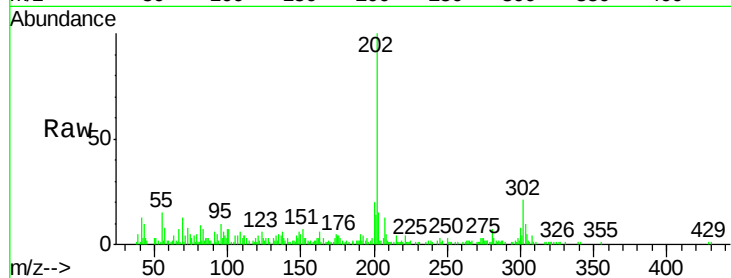




#74
Fluoranthene
Concen: 2.014 ng/ul
RT: 19.02 min Scan# 2725
Delta R.T. -0.00 min
Lab File: BM014484.D
Acq: 05 Mar 2018 22:00

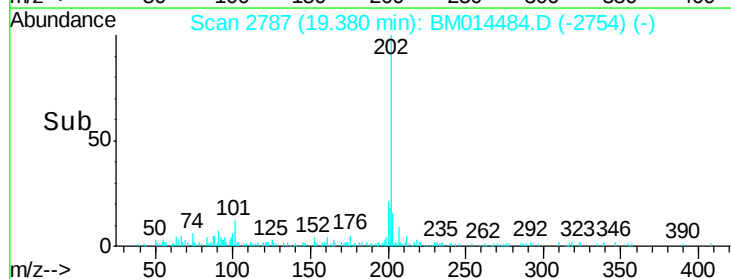
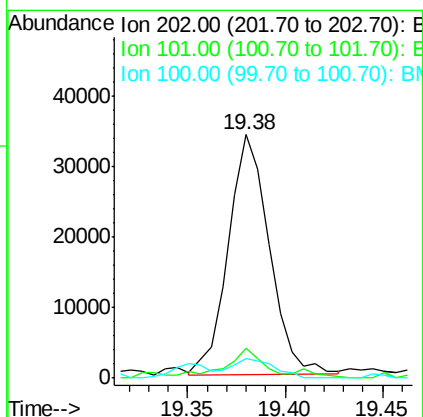
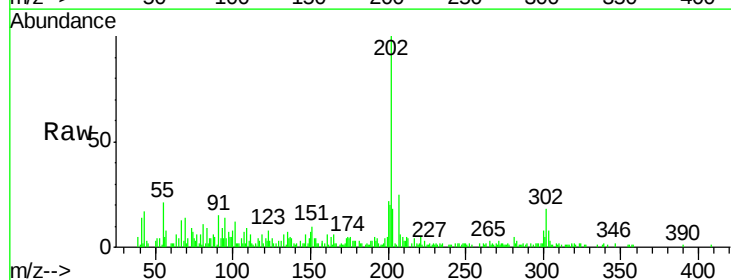
Instrument :
BNA_M
ClientSampleId :

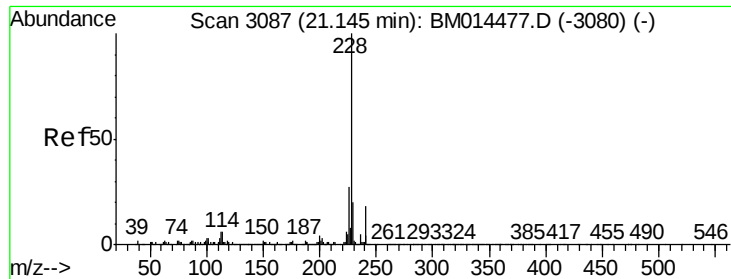
Tot Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	6.6	3.4	5.2#



#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	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 :

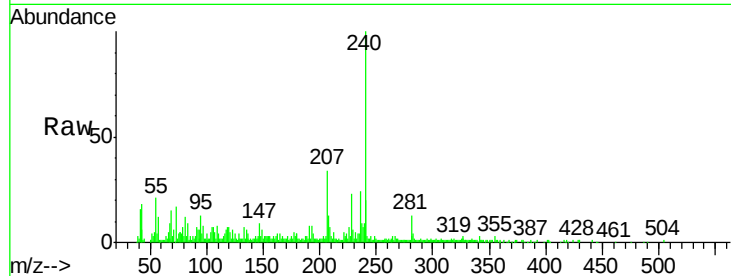
Tot Ion:228 Resp: 31141

Ion Ratio Lower Upper

228 100

229 25.6 15.4 23.0#

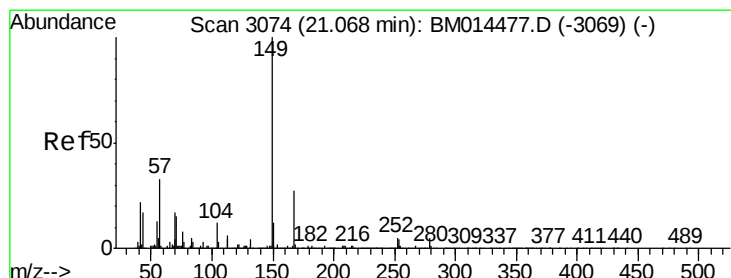
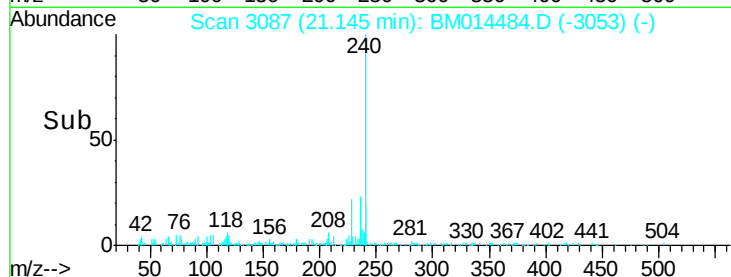
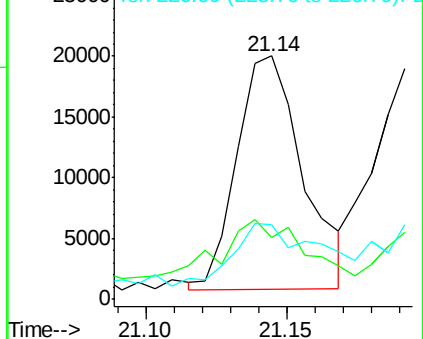
226 30.7 21.4 32.0



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



#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

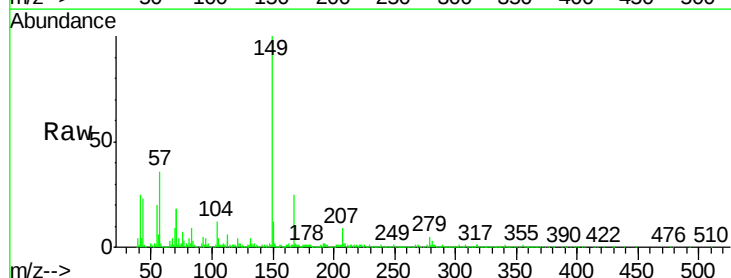
Tgt Ion:149 Resp: 351127

Ion Ratio Lower Upper

149 100

167 25.4 22.8 34.2

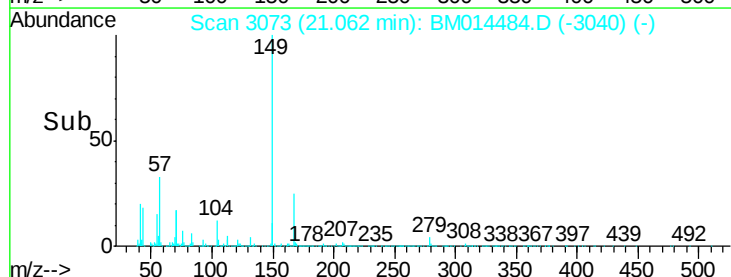
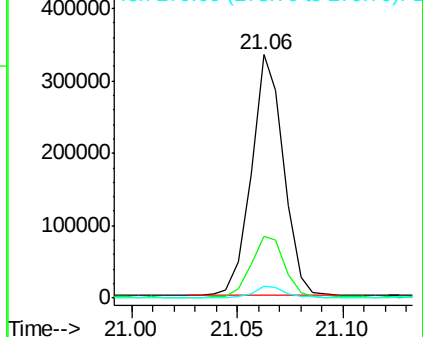
279 4.6 4.9 7.3#

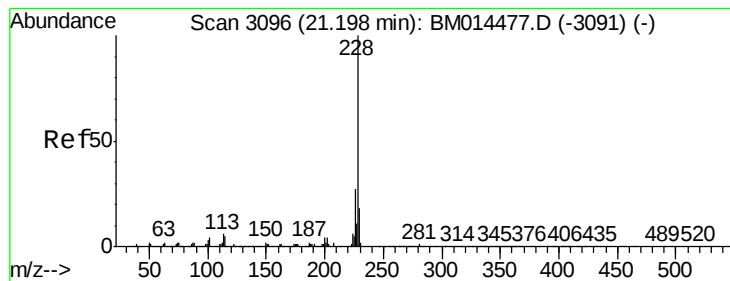


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#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

ClientSampled :

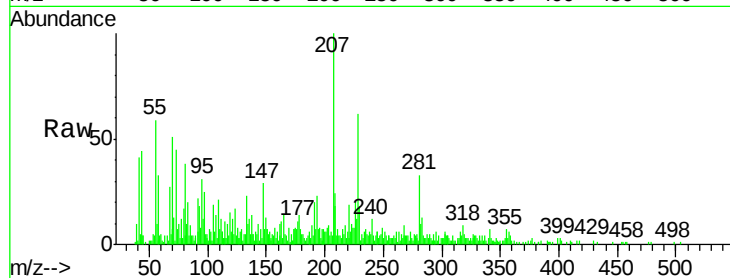
Tot Ion:228 Resp: 31274

Ion Ratio Lower Upper

228 100

226 32.4 23.4 35.2

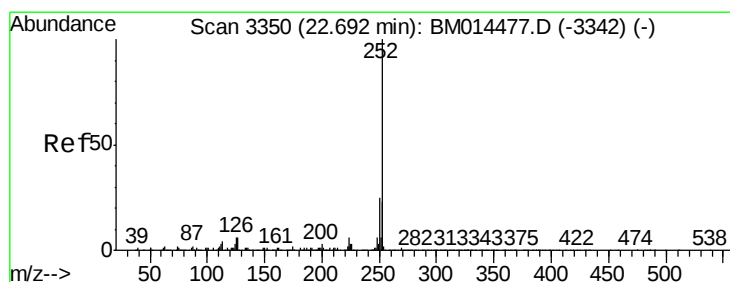
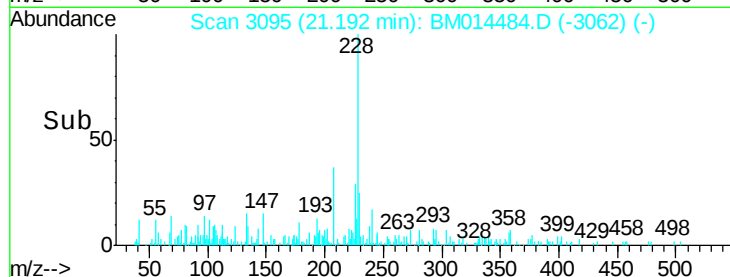
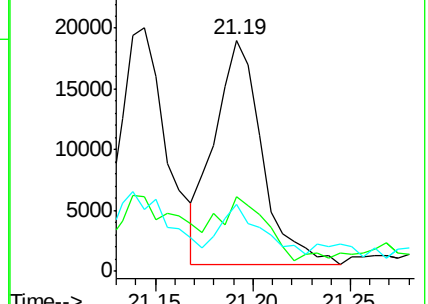
229 29.0 15.5 23.3#



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: 1.897 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM014484.D

Acq: 05 Mar 2018 22:00

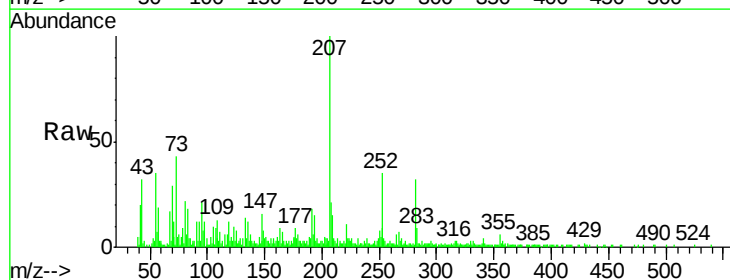
Tgt Ion:252 Resp: 43879

Ion Ratio Lower Upper

252 100

253 26.3 17.9 26.9

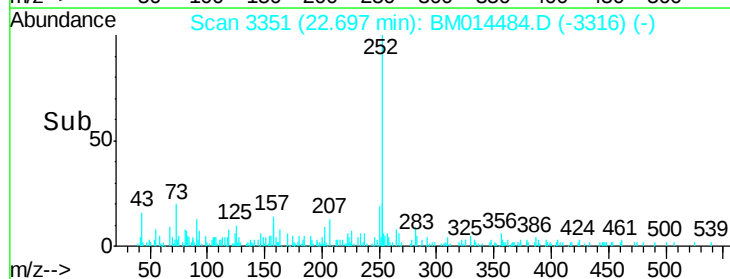
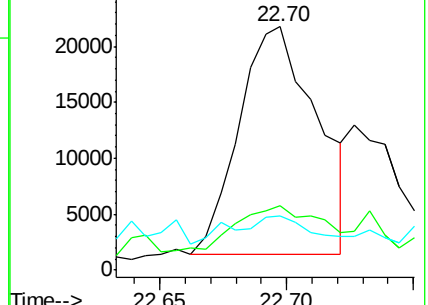
125 22.2 3.6 5.4#

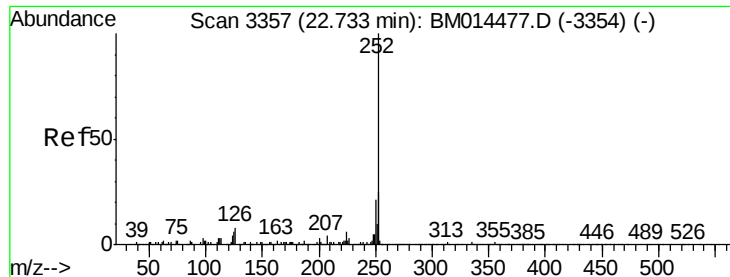


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

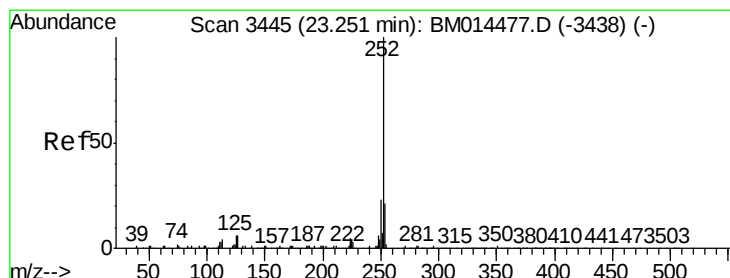
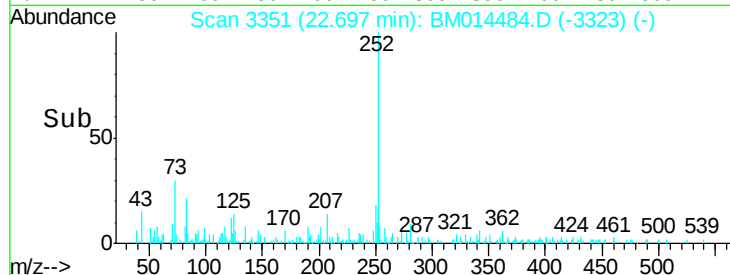
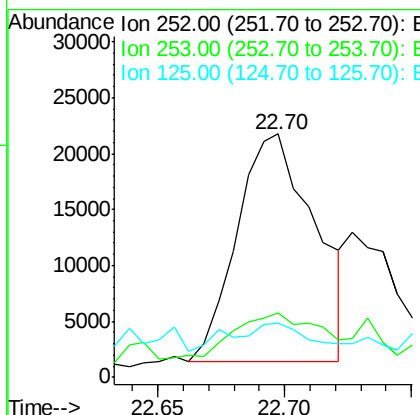
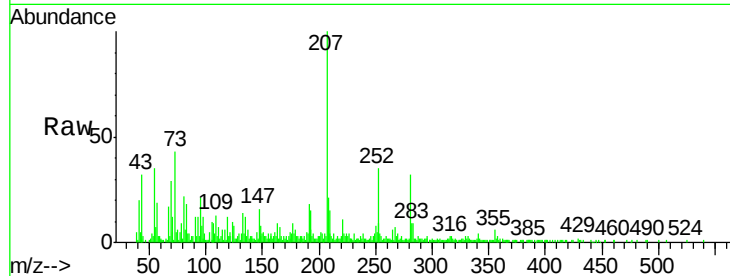




#86
Benzo(k)fluoranthene
Concen: 1.996 ng/ul
RT: 22.70 min Scan# 3351
Delta R.T. -0.04 min
Lab File: BM014484.D
Acq: 05 Mar 2018 22:00

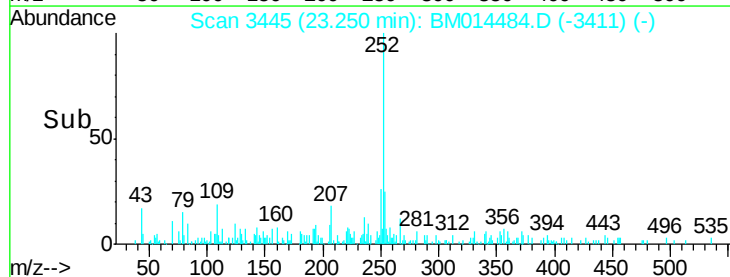
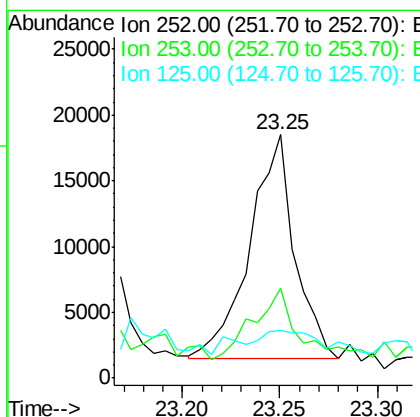
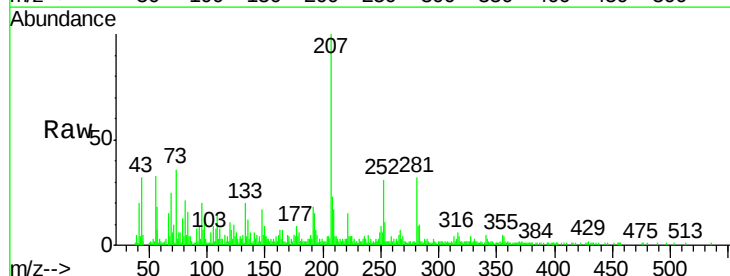
Instrument :
BNA_M
ClientSampleId :

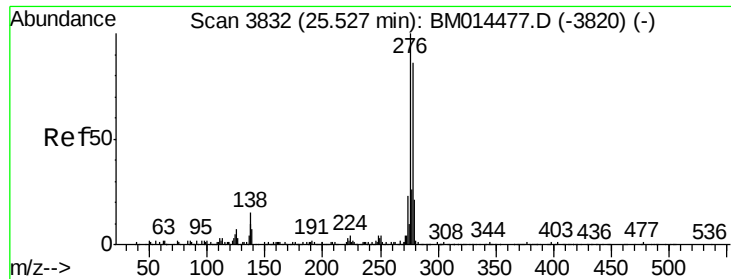
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.1	25.7#
125	22.2	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 1.321 ng/ul
RT: 23.25 min Scan# 3445
Delta R.T. -0.00 min
Lab File: BM014484.D
Acq: 05 Mar 2018 22:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	37.0	18.2	27.2#
125	19.6	4.0	6.0#



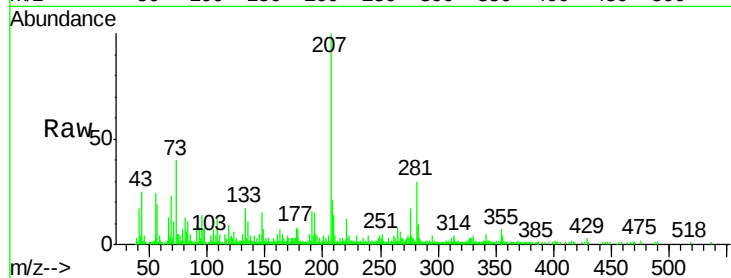


#89

Indeno(1,2,3-cd)pyrene
 Concen: 1.047 ng/ul
 RT: 25.52 min Scan# 3831
 Delta R.T. -0.01 min
 Lab File: BM014484.D
 Acq: 05 Mar 2018 22:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.0	9.3	13.9#
277	23.7	19.9	29.9



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

