

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014479.D
 Acq On : 05 Mar 2018 18:59
 Operator : SJ/JU
 Sample : J1646-02DL 20X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 23:58:22 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	7.52	152	77813	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	300055	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	178998	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	383424	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	337984	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	314113	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	462	0.25	ng/uL	0.00
5) Phenol-d5	6.76	99	3722	0.57	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	6.87	67	5648	1.42	ng/ul	0.01
9) 2-Chlorophenol-d4	7.06	132	2572	0.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	1443	0.25	ng/ul	0.03
19) Nitrobenzene-d5	8.72	128	3386	1.53	ng/ul	0.03
22) 2-Nitrophenol-d4	9.40	143	2018	0.88	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.98	165	128	0.03	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	113	0.02	ng/ul	0.03
43) Dimethylphthalate-d6	13.61	166	18161	1.23	ng/ul	0.01
46) Acenaphthylene-d8	13.87	160	27319	1.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	721	0.35	ng/ul	0.09
57) Fluorene-d10	15.19	176	19636	1.48	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.05	188	28750	1.55	ng/ul	0.01
76) Pyrene-d10	19.36	212	28764	1.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	22868	1.50	ng/ul	0.00

Target Compounds

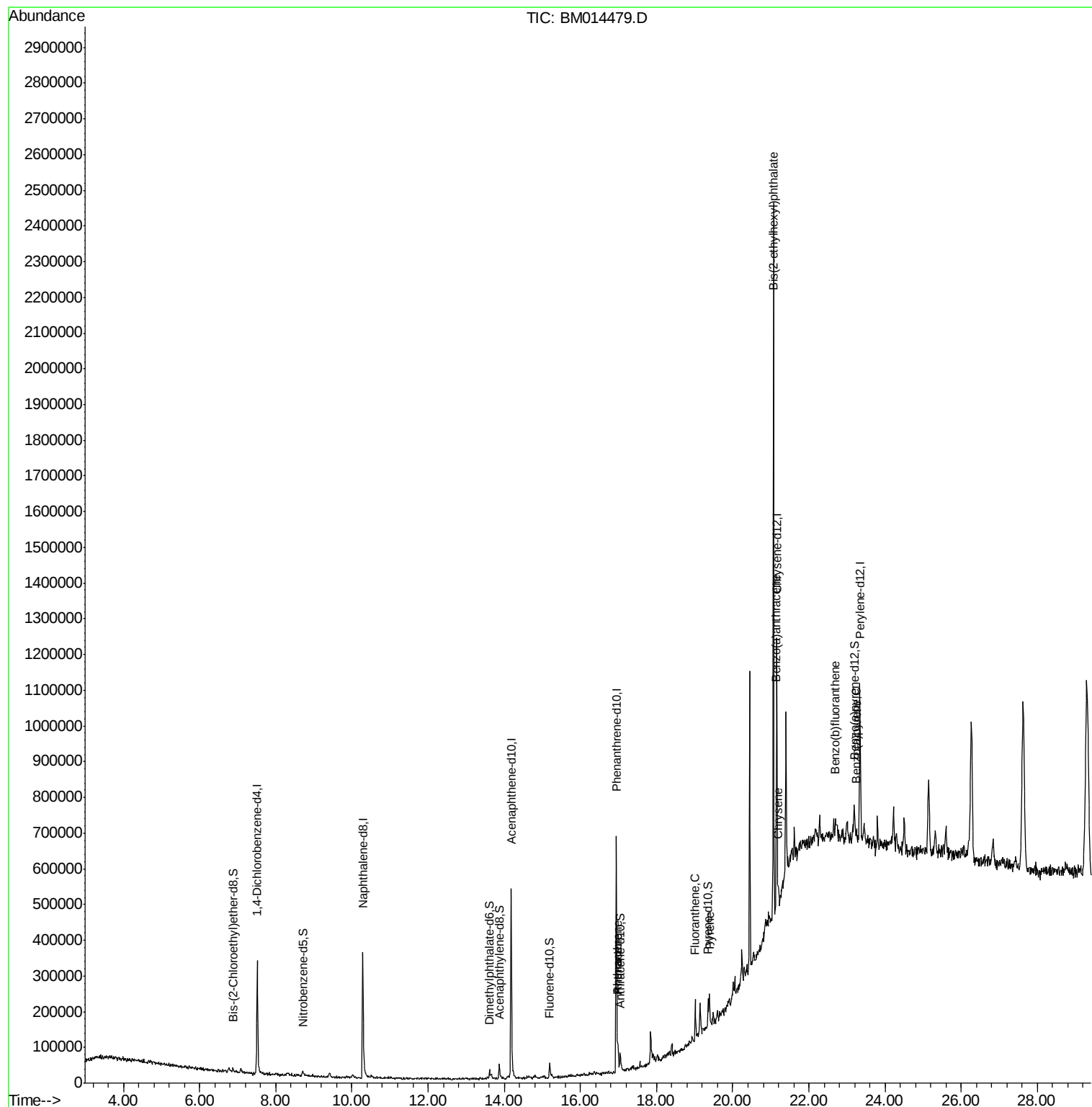
					Ovalue	
69) Phenanthrene	16.99	178	39728	1.798	ng/ul	97
71) Anthracene	16.99	178	39728	1.788	ng/ul	99
74) Fluoranthene	19.02	202	57411	2.175	ng/ul#	97
77) Pyrene	19.39	202	48287	2.150	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	27272	1.293	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.07	149	582732	43.811	ng/ul#	97
82) Chrysene	21.20	228	26022	1.322	ng/ul#	77
85) Benzo(b)fluoranthene	22.70	252	28106	1.336	ng/ul#	80
88) Benzo(a)pyrene	23.25	252	20925	1.113	ng/ul#	88

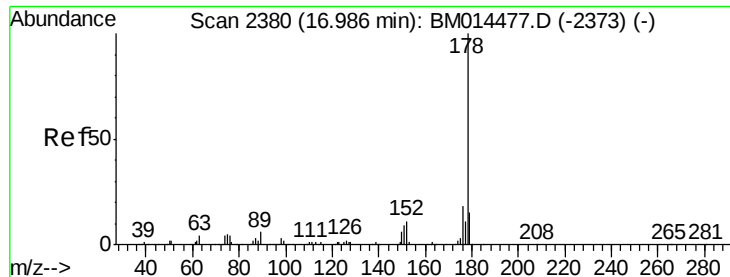
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#69

Phenanthrene

Concen: 1.798 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

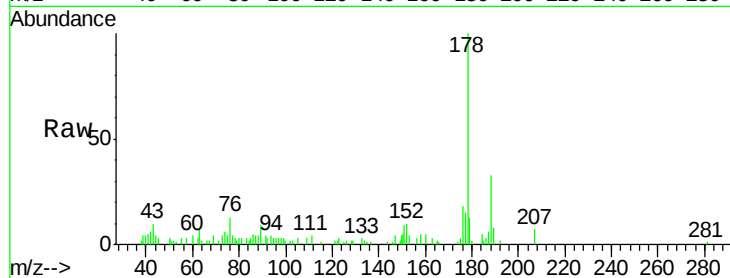
Tot Ion:178 Resp: 39728

Ion Ratio Lower Upper

178 100

179 13.4 12.6 19.0

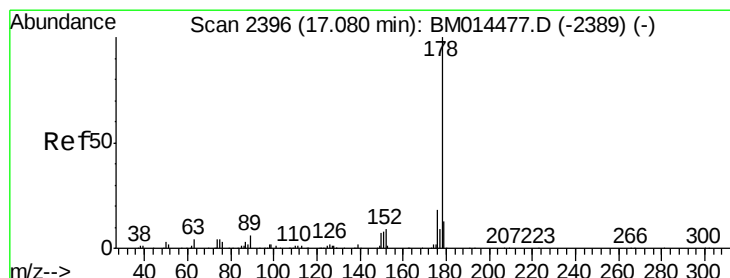
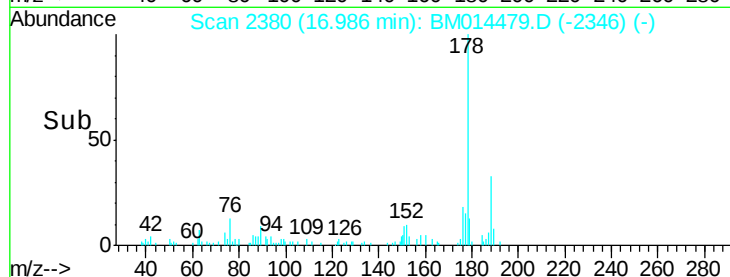
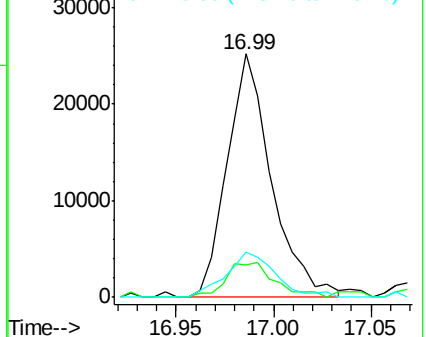
176 18.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.788 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.09 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

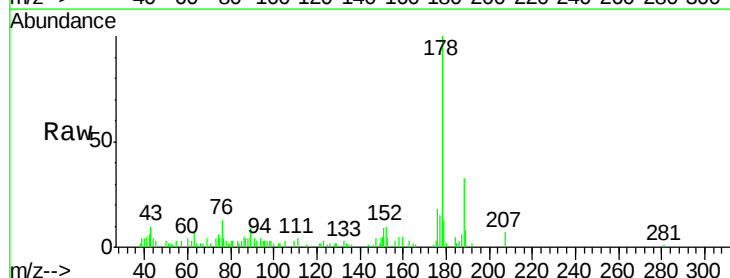
Tgt Ion:178 Resp: 39728

Ion Ratio Lower Upper

178 100

179 13.4 11.7 17.5

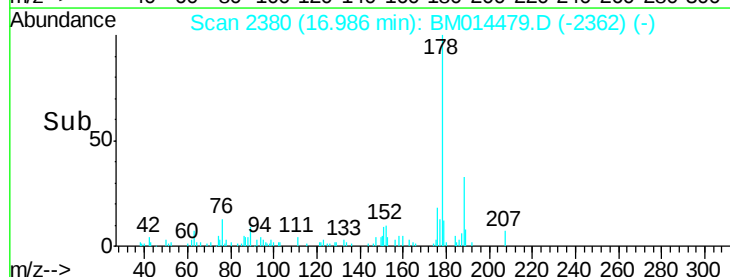
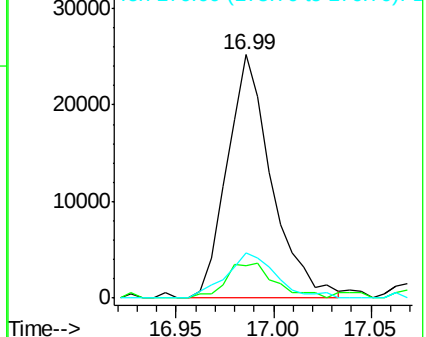
176 18.4 14.6 21.8

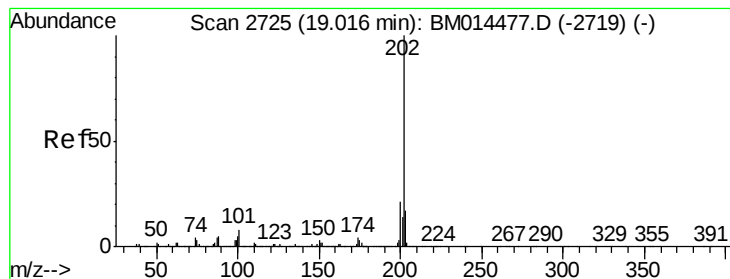


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.175 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

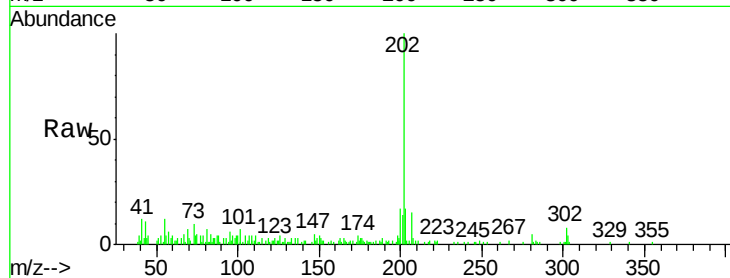
Tot Ion:202 Resp: 57411

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

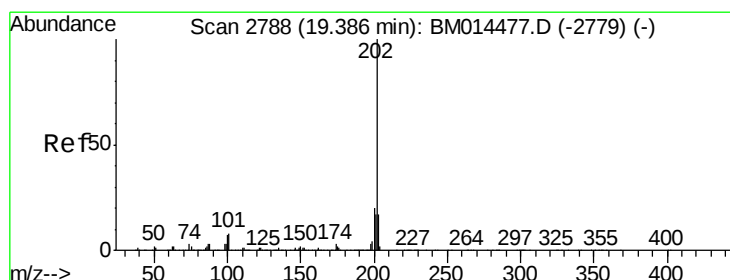
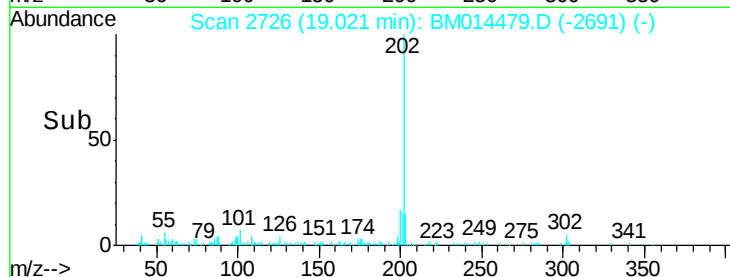
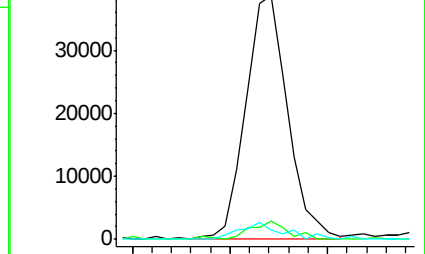
100 4.1 3.4 5.2



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



#77

Pyrene

Concen: 2.150 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

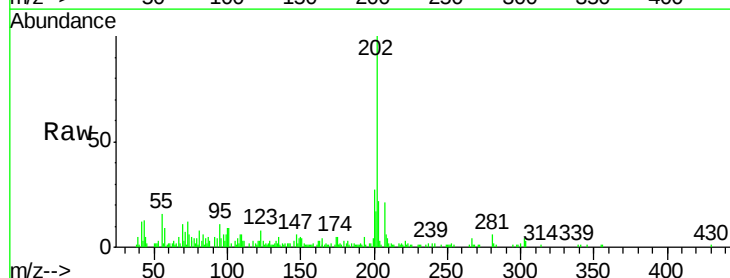
Tgt Ion:202 Resp: 48287

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

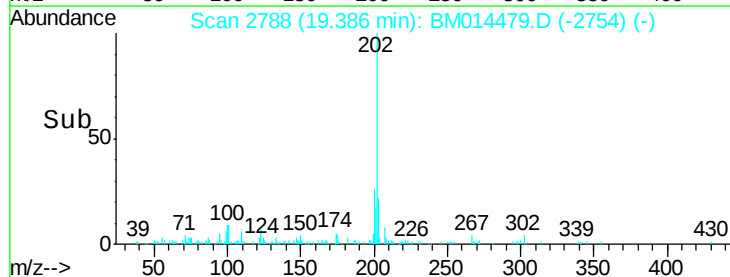
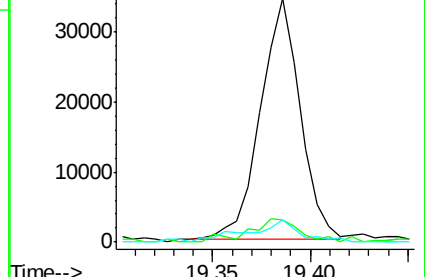
100 9.2 4.9 7.3#

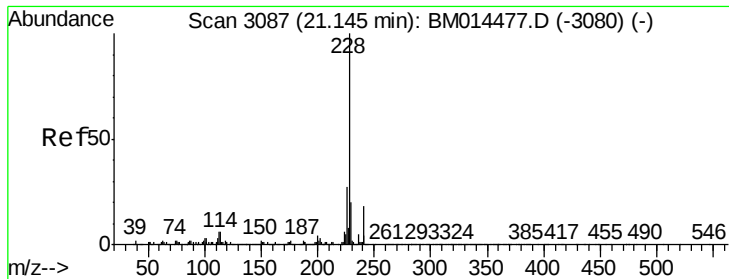


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 1.293 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

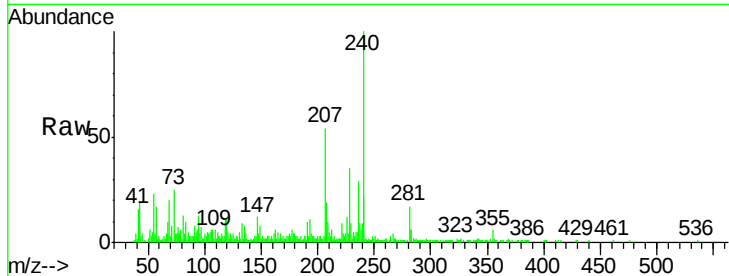
Tot Ion:228 Resp: 27272

Ion Ratio Lower Upper

228 100

229 24.3 15.4 23.0#

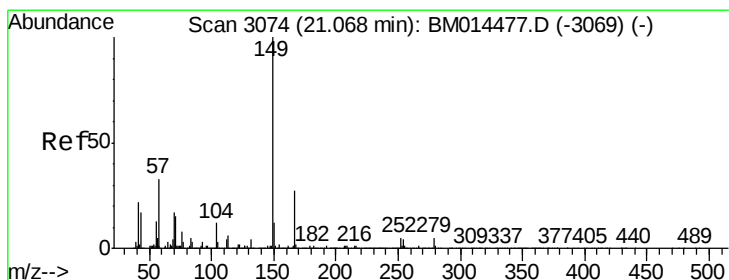
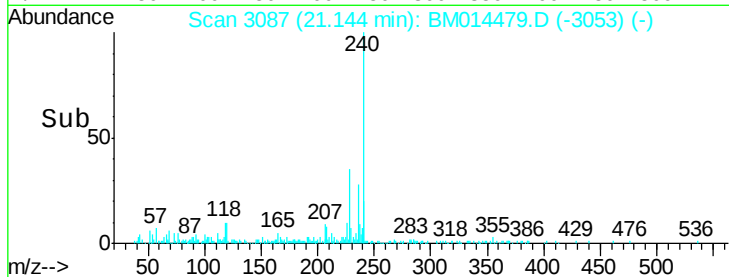
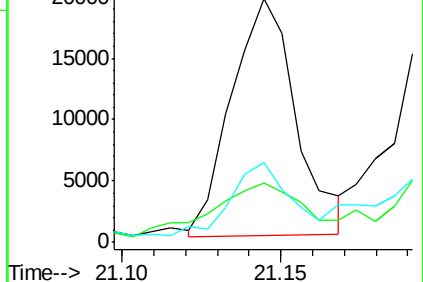
226 32.9 21.4 32.0#



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: 43.811 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

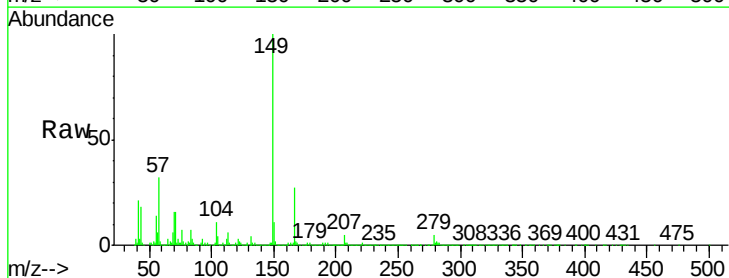
Tgt Ion:149 Resp: 582732

Ion Ratio Lower Upper

149 100

167 26.9 22.8 34.2

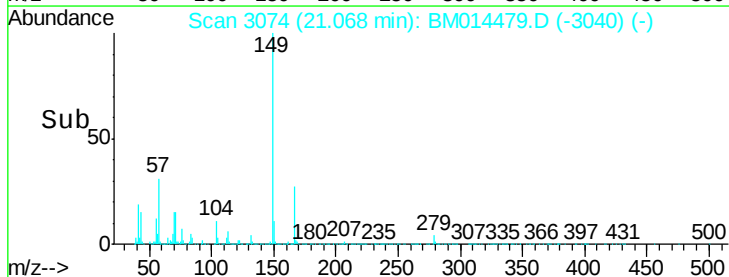
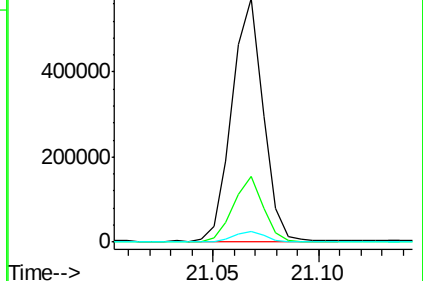
279 4.5 4.9 7.3#

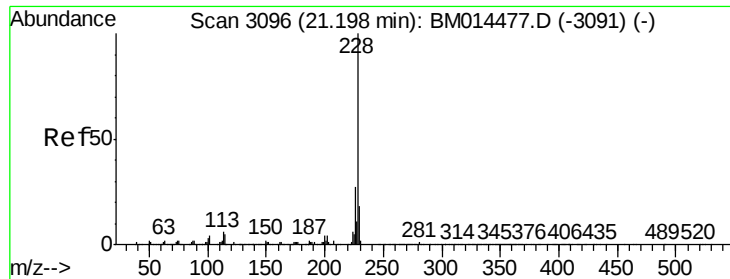


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 1.322 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

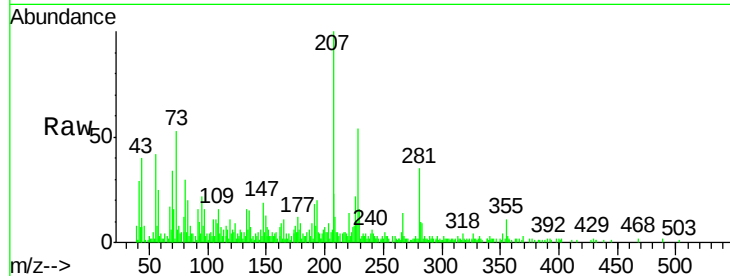
Tot Ion:228 Resp: 26022

Ion Ratio Lower Upper

228 100

226 41.7 23.4 35.2#

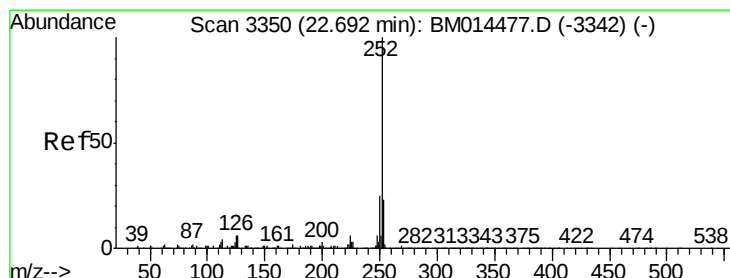
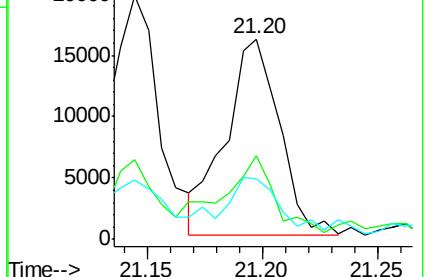
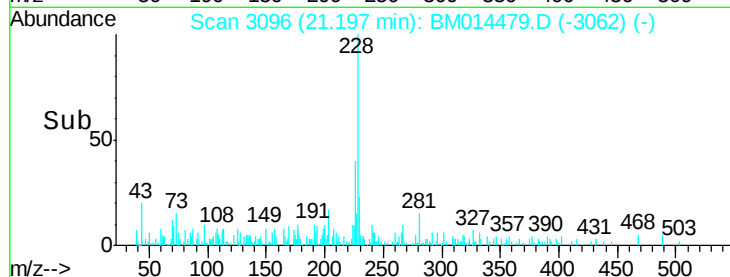
229 30.2 15.5 23.3#



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: 1.336 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM014479.D

Acq: 05 Mar 2018 18:59

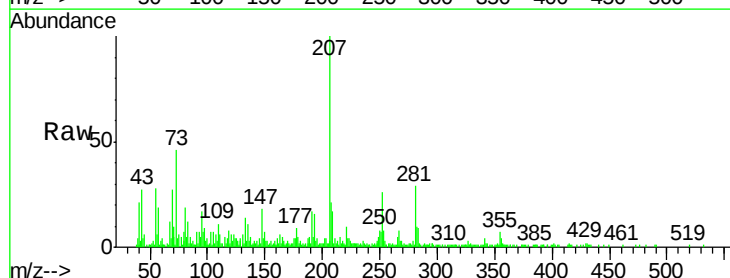
Tgt Ion:252 Resp: 28106

Ion Ratio Lower Upper

252 100

253 30.4 17.9 26.9#

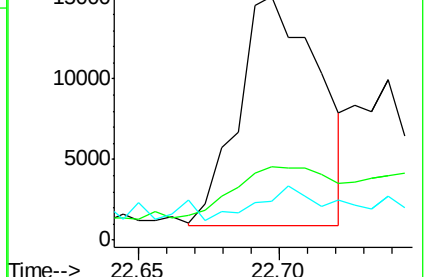
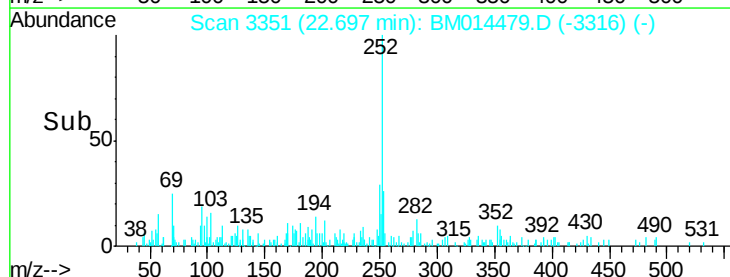
125 16.1 3.6 5.4#

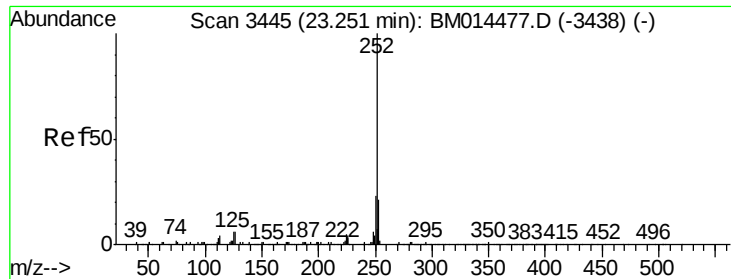


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.113 ng/ul

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014479.D

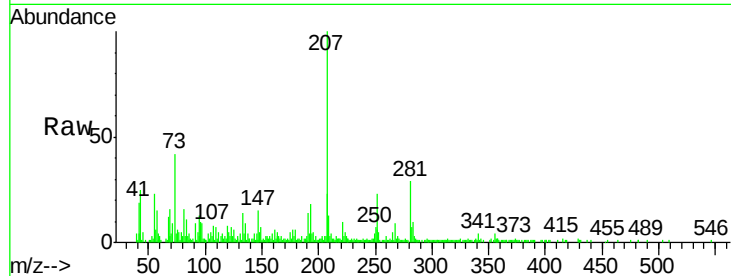
Acq: 05 Mar 2018 18:59

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	20925
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	25.1	4.0	6.0



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

