

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100417\
 Data File : BM011897.D
 Acq On : 04 Oct 2017 19:17
 Operator : SJ/JU
 Sample : I5414-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 05 05:52:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 05 05:49:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	227378	20.00	ng/ul	0.00
18) Naphthalene-d8	10.67	136	1037436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	675245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.26	188	1657204	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	2059512	20.00	ng/ul	0.00
83) Perylene-d12	23.75	264	2058575	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	12330	2.56	ng/uL	0.00
5) Phenol-d5	7.03	99	238680	12.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	148367	12.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	206095	13.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	209441	12.38	ng/ul	0.00
19) Nitrobenzene-d5	9.04	128	97826	13.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	108070	12.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.30	165	226476	13.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	294940	16.07	ng/ul	0.00
43) Dimethylphthalate-d6	13.92	166	917704	15.68	ng/ul	0.00
46) Acenaphthylene-d8	14.21	160	1001809	14.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	70083	6.85	ng/ul	0.00
57) Fluorene-d10	15.50	176	794117	15.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	102151	9.16	ng/ul	0.00
70) Anthracene-d10	17.36	188	1356373	16.61	ng/ul	0.00
76) Pyrene-d10	19.64	212	1790709	19.28	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.60	264	1767916	17.85	ng/ul	0.00

Target Compounds

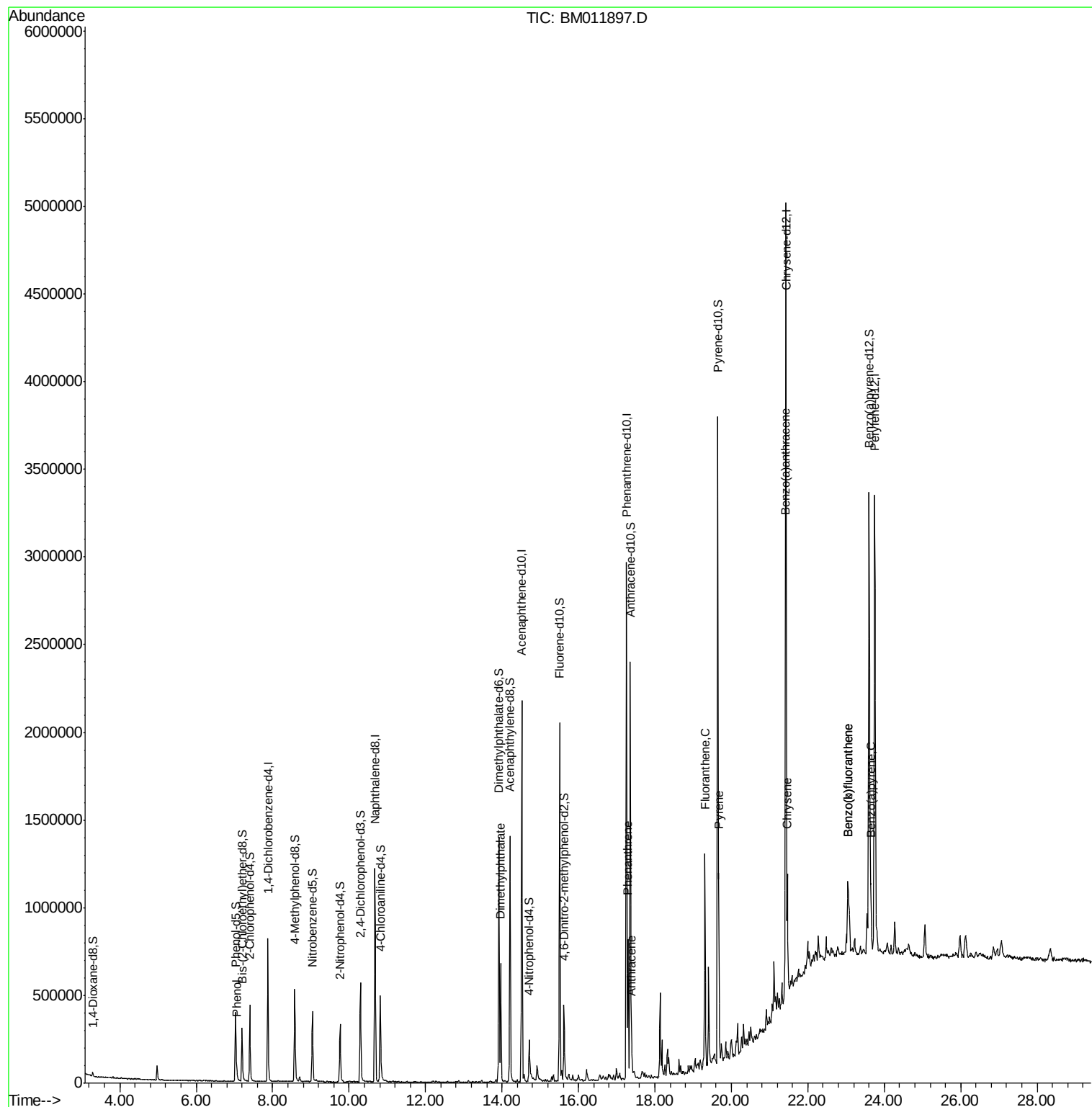
				Ovalue	
6) Phenol	7.06	94	22833	1.180	ng/ul 91
44) Dimethylphthalate	13.97	163	445966	7.921	ng/ul 100
69) Phenanthrene	17.30	178	454065	4.981	ng/ul 99
71) Anthracene	17.39	178	95009	1.024	ng/ul 97
74) Fluoranthene	19.31	202	708085	6.366	ng/ul# 92
77) Pyrene	19.67	202	616784	5.401	ng/ul# 91
80) Benzo(a)anthracene	21.41	228	384965	3.263	ng/ul 99
82) Chrysene	21.46	228	363741	3.245	ng/ul 96
85) Benzo(b)fluoranthene	23.05	252	398332	3.183	ng/ul# 97
86) Benzo(k)fluoranthene	23.05	252	398332	3.189	ng/ul# 95
88) Benzo(a)pyrene	23.65	252	272152	2.264	ng/ul# 94

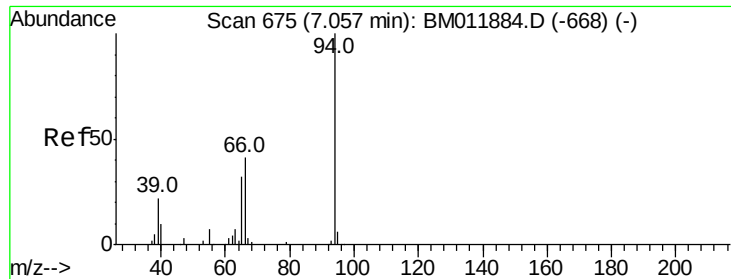
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.180 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

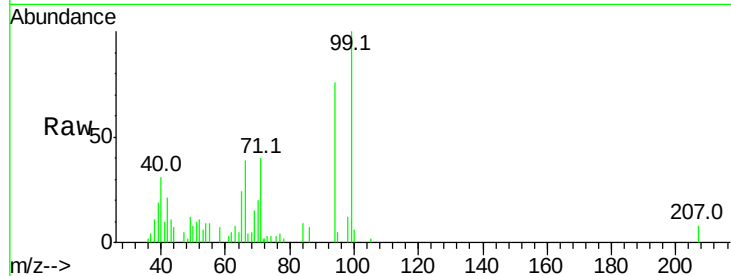
Tot Ion: 94 Resp: 22833

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

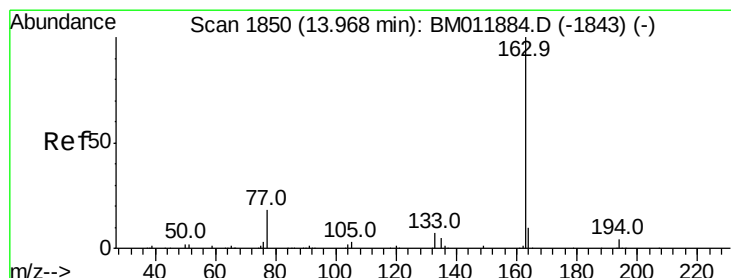
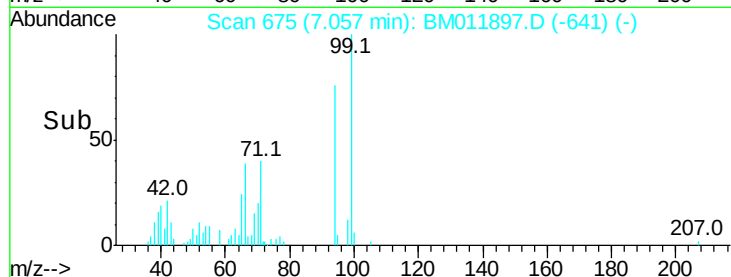
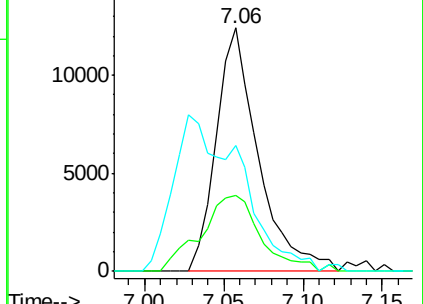
66 51.8 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM011884.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM011884.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM011884.D (-668) (-)



#44

Dimethylphthalate

Concen: 7.921 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

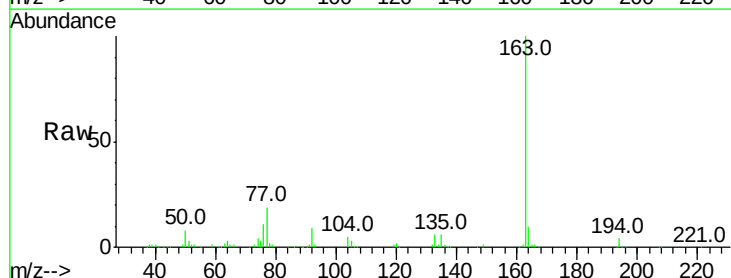
Tgt Ion: 163 Resp: 445966

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

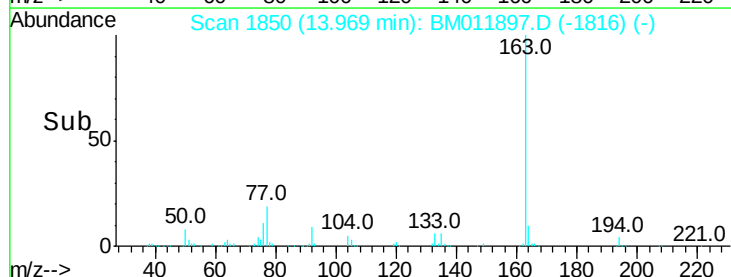
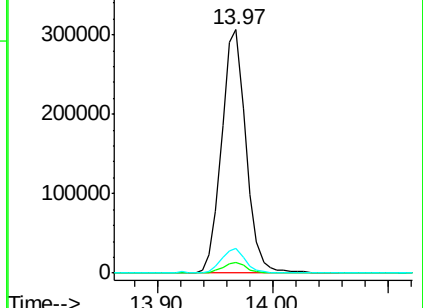
164 10.3 8.2 12.4

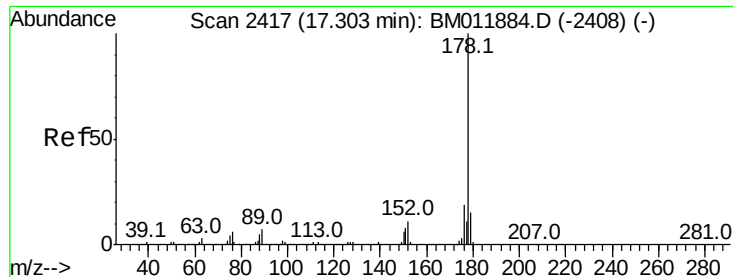


Abundance Ion 163.00 (162.70 to 163.70): BM011884.D (-1843) (-)

Ion 194.00 (193.70 to 194.70): BM011884.D (-1843) (-)

Ion 164.00 (163.70 to 164.70): BM011884.D (-1843) (-)





#69

Phenanthrene

Concen: 4.981 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

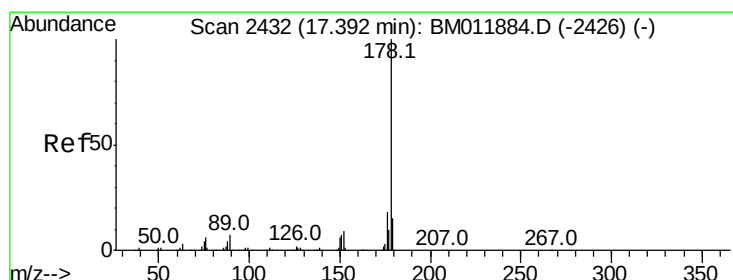
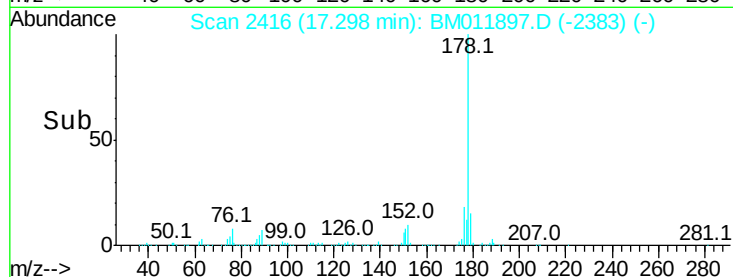
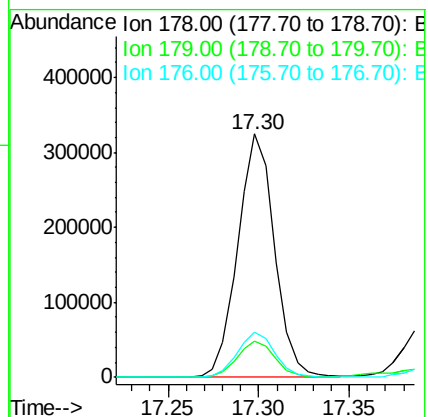
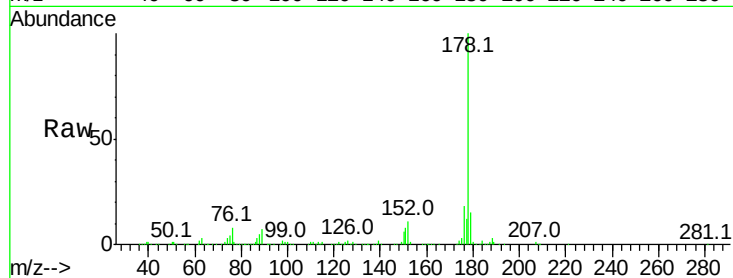
Tot Ion:178 Resp: 454065

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

176 18.5 14.9 22.3



#71

Anthracene

Concen: 1.024 ng/ul

RT: 17.39 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

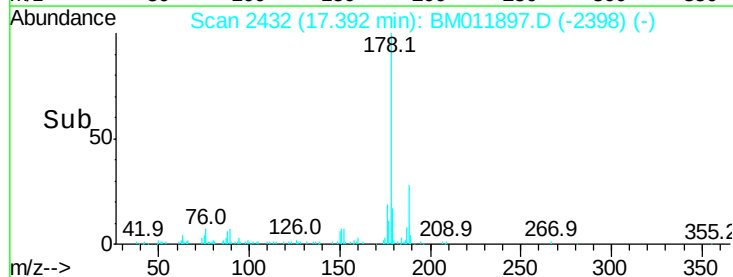
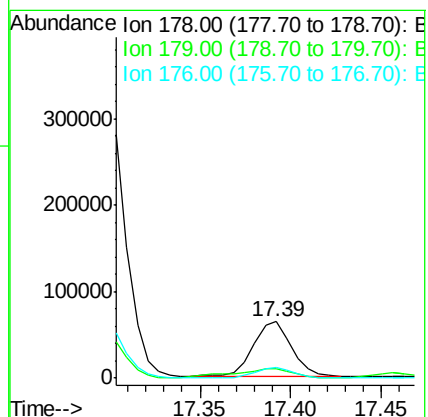
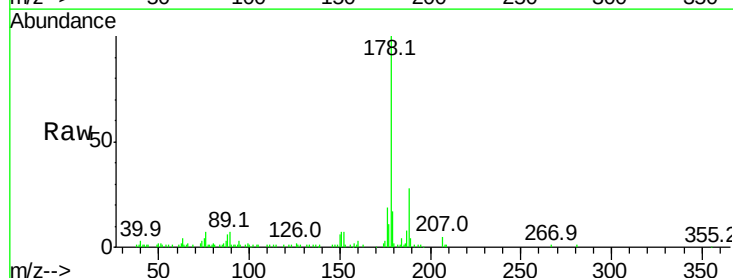
Tgt Ion:178 Resp: 95009

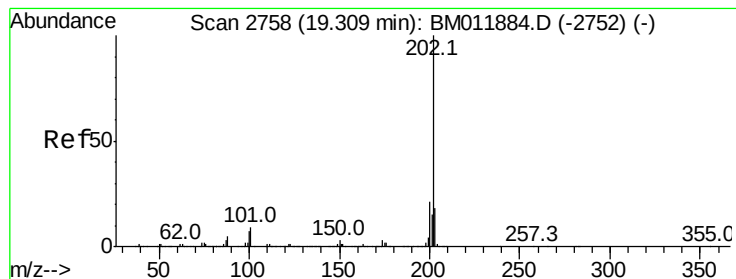
Ion Ratio Lower Upper

178 100

179 17.0 11.7 17.5

176 18.9 14.6 21.8





#74

Fluoranthene

Concen: 6.366 ng/ul

RT: 19.31 min Scan# 2758

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

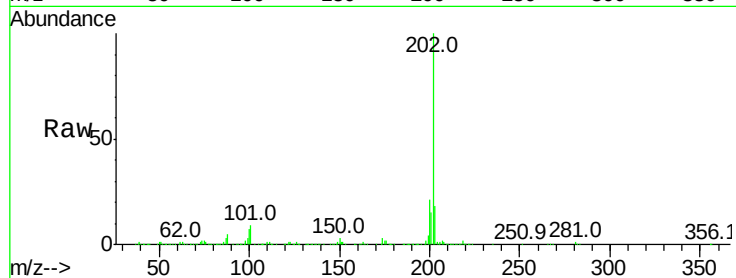
Tot Ion:202 Resp: 708085

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

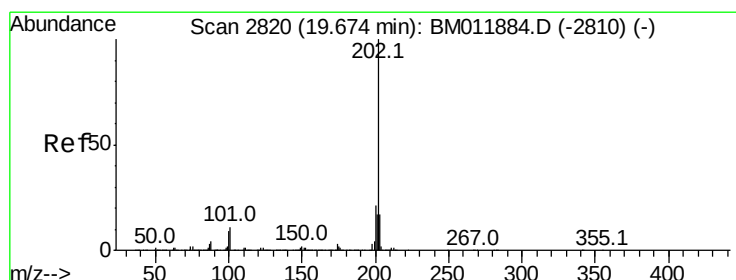
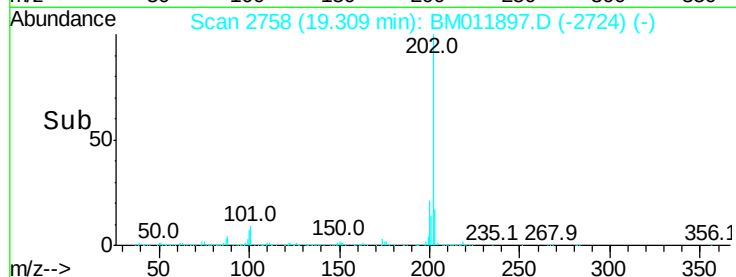
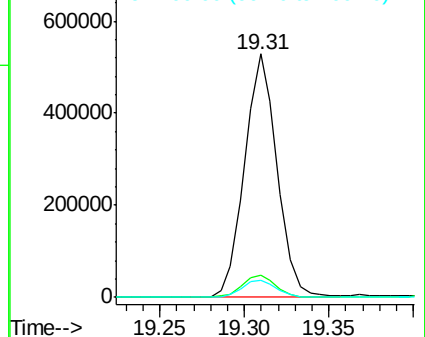
100 6.8 3.4 5.2#



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: 5.401 ng/ul

RT: 19.67 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

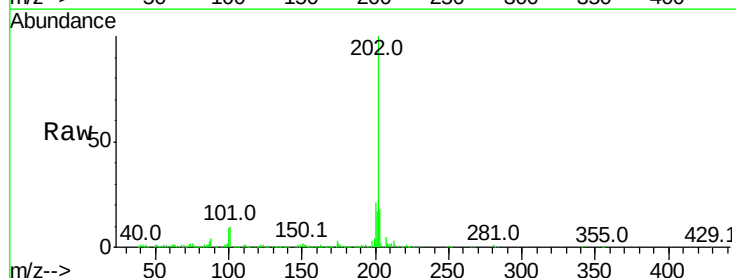
Tgt Ion:202 Resp: 616784

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

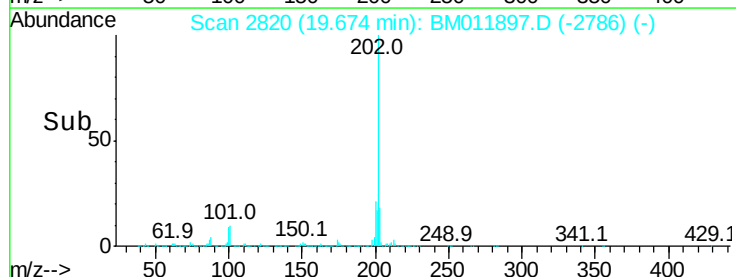
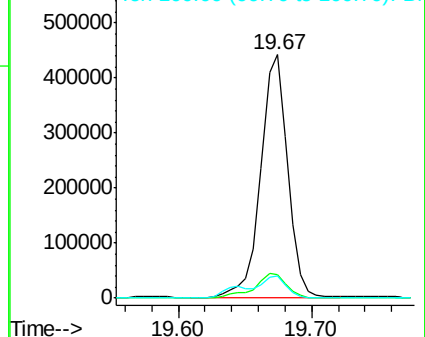
100 9.2 4.9 7.3#

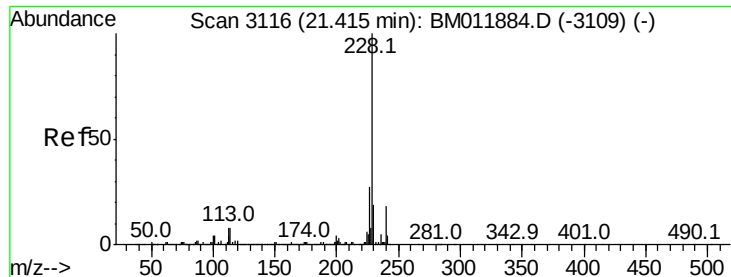


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 3.263 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

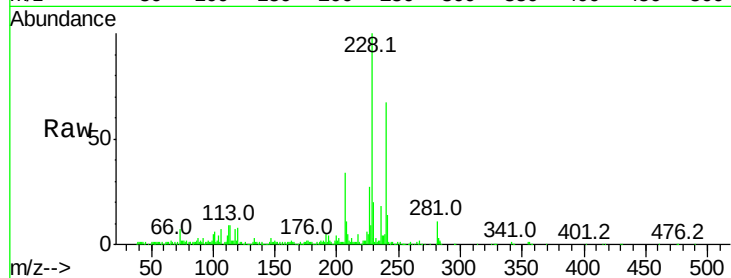
Tot Ion:228 Resp: 384965

Ion Ratio Lower Upper

228 100

229 20.3 15.4 23.0

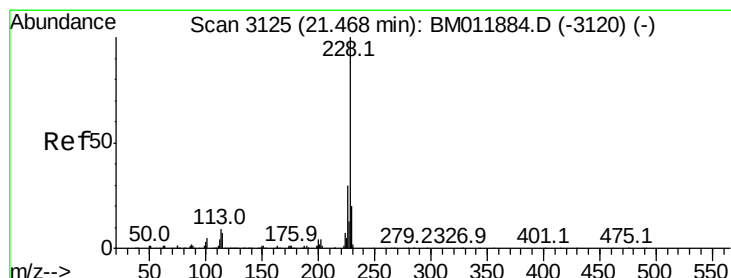
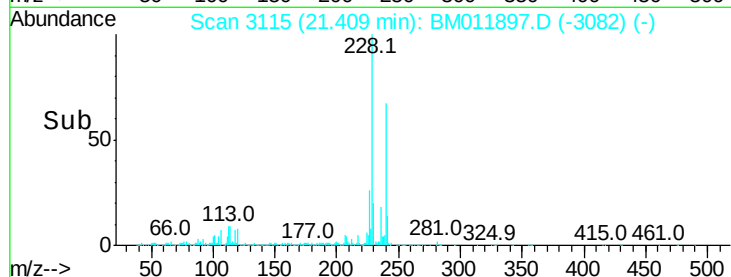
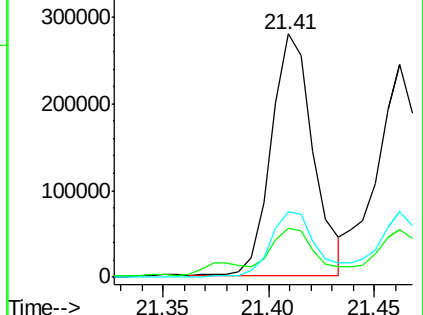
226 26.7 21.4 32.0



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: 3.245 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

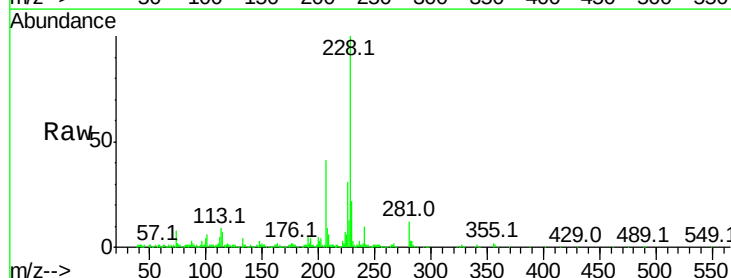
Tgt Ion:228 Resp: 363741

Ion Ratio Lower Upper

228 100

226 30.7 23.4 35.2

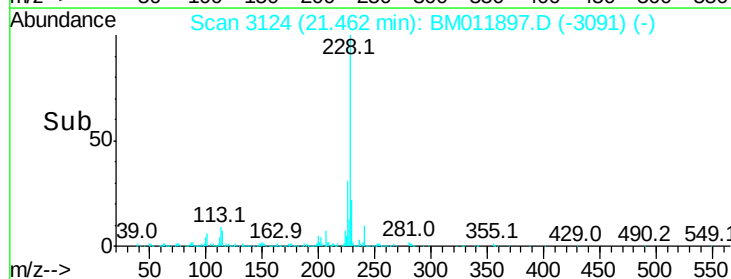
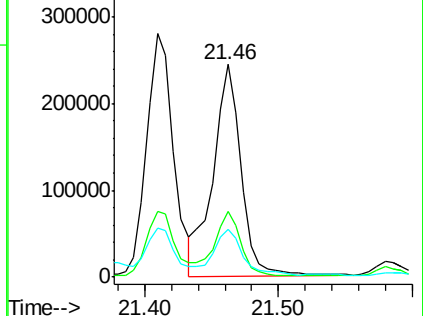
229 22.4 15.5 23.3

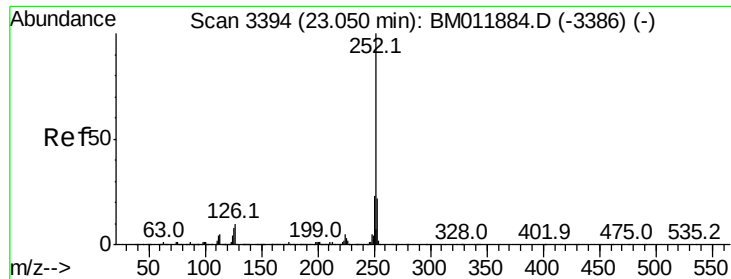


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 3.183 ng/ul

RT: 23.05 min Scan# 3394

Delta R.T. 0.00 min

Lab File: BM011897.D

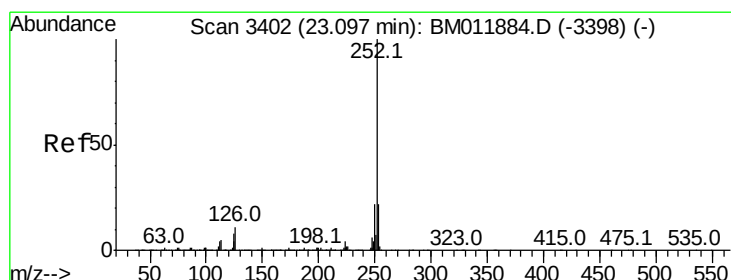
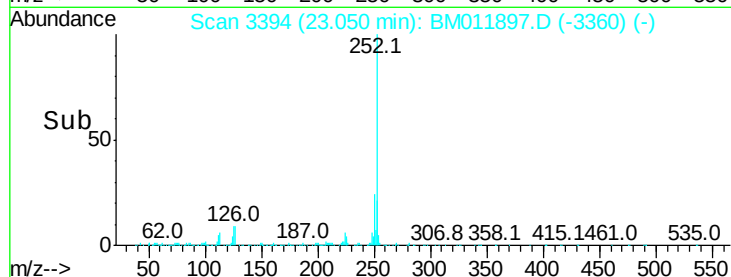
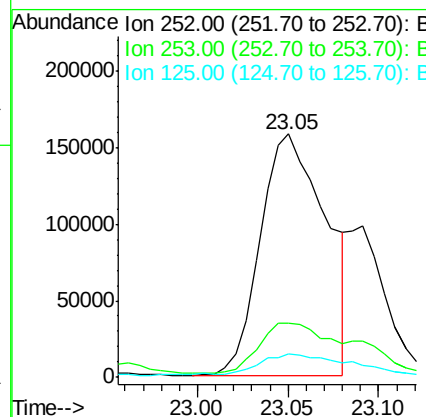
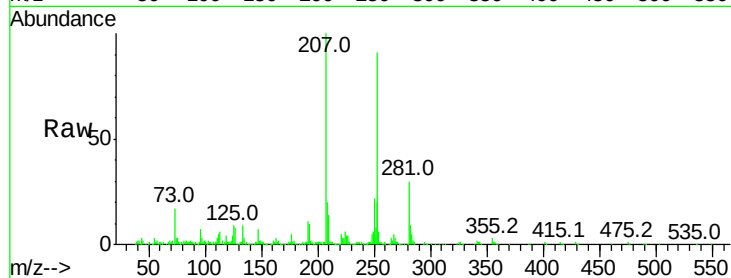
Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	398332
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	9.8	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 3.189 ng/ul

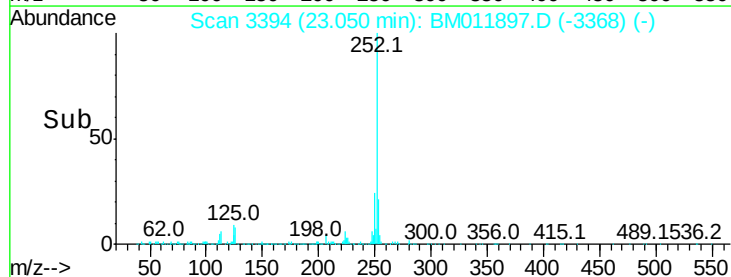
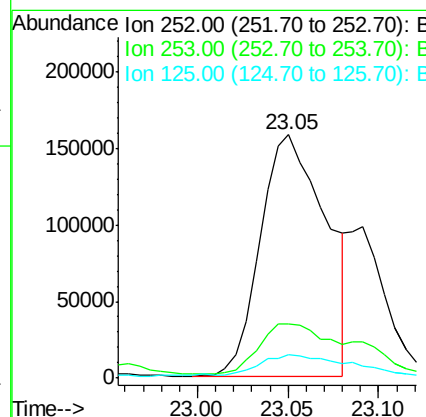
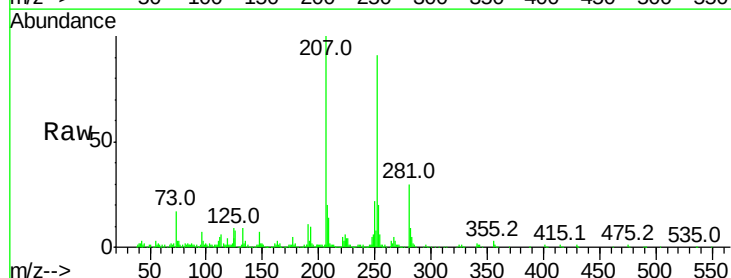
RT: 23.05 min Scan# 3394

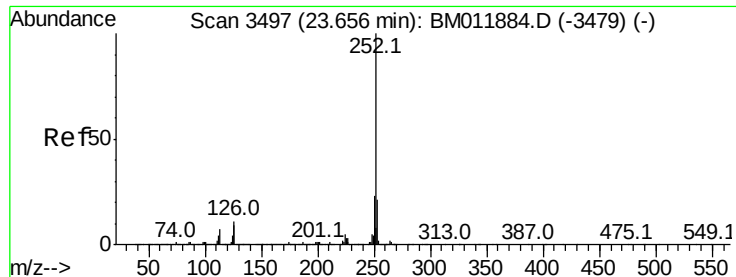
Delta R.T. -0.05 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Tgt Ion:	252	Resp:	398332
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	9.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 2.264 ng/ul

RT: 23.65 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM011897.D

Acq: 04 Oct 2017 19:17

Instrument :

BNA_M

ClientSampleId :

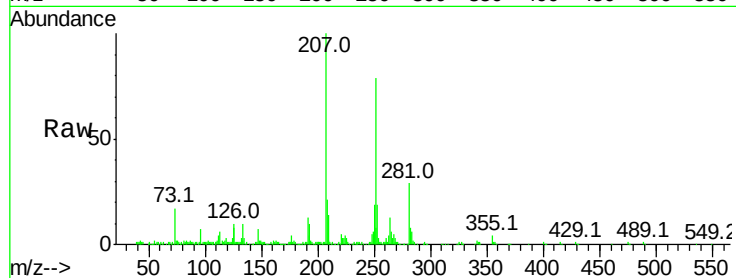
Tot Ion:252 Resp: 272152

Ion Ratio Lower Upper

252 100

253 24.5 18.2 27.2

125 10.5 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

