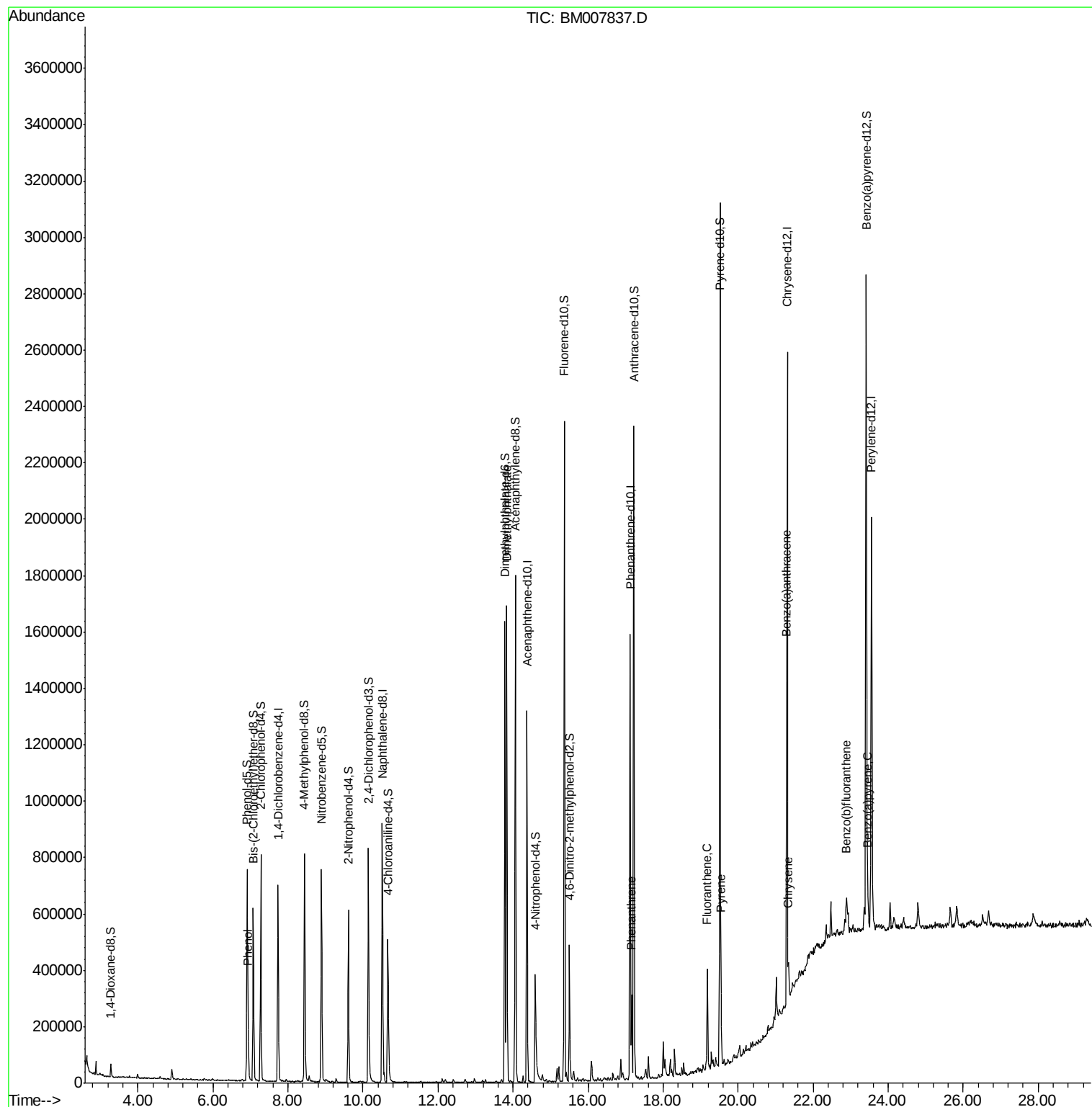
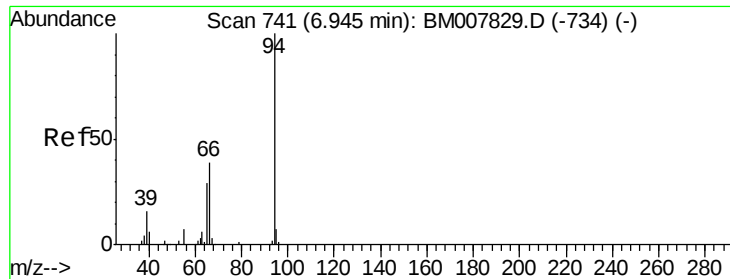


Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
Data File : BM007837.D
Acq On : 11 Nov 2016 21:55
Operator : UM/SJ
Sample : H5610-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BD4L9

Quant Time: Nov 12 04:01:31 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 12 03:12:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 4.14 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.01 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

Instrument :

BNA_M

ClientSampleId :

BD4L9

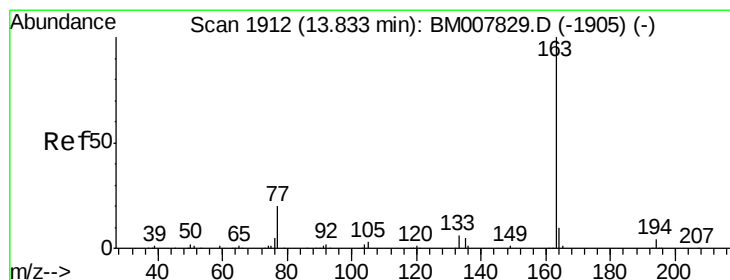
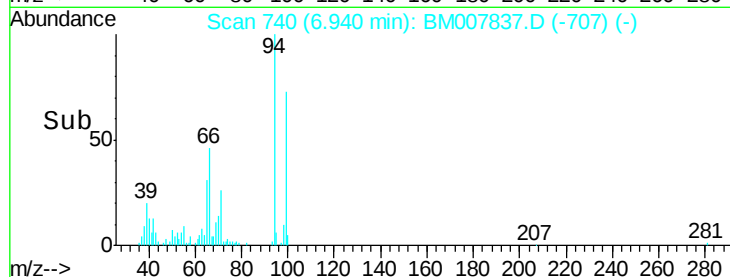
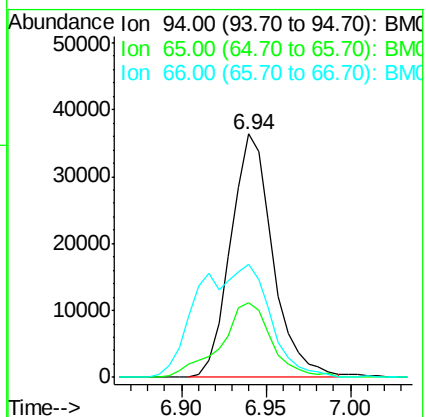
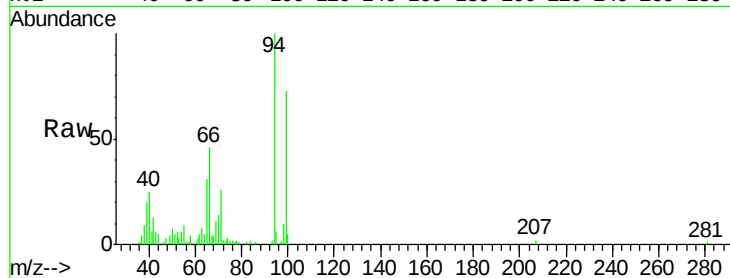
Tgt Ion: 94 Resp: 63168

Ion Ratio Lower Upper

94 100

65 30.6 23.9 35.9

66 46.2 33.5 50.3



#44

Dimethylphthalate

Concen: 34.07 ng/ul

RT: 13.83 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

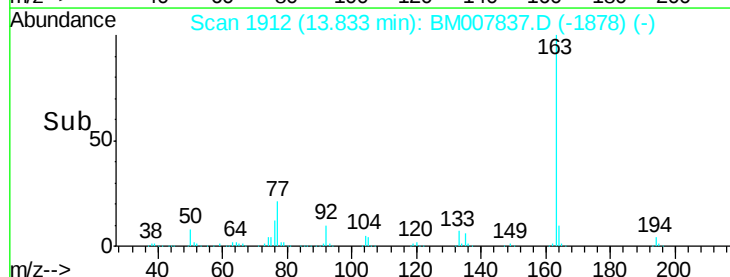
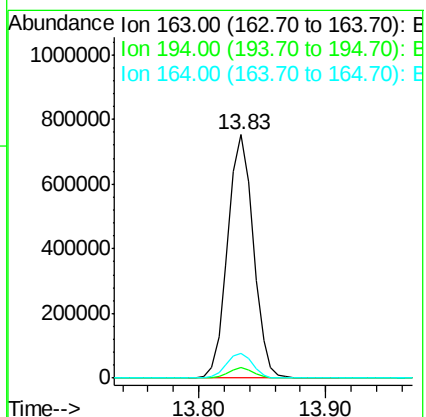
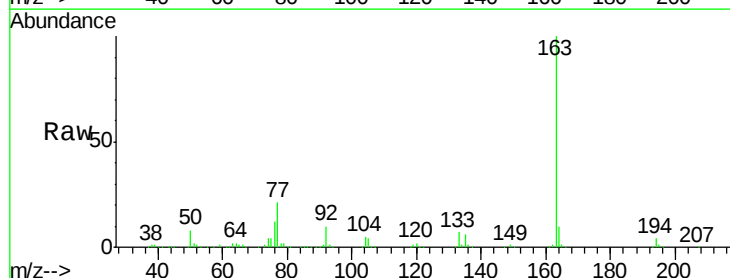
Tgt Ion: 163 Resp: 1053872

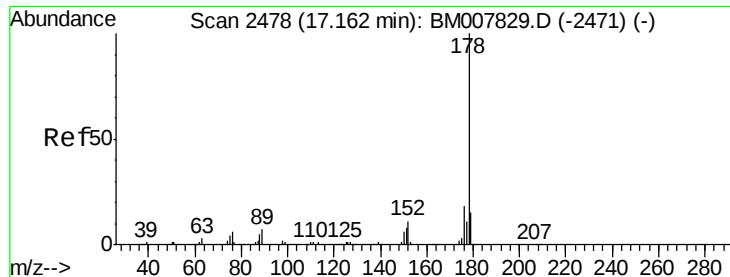
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.2 7.8 11.8





#69

Phenanthrene

Concen: 3.60 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

Instrument :

BNA_M

ClientSampleId :

BD4L9

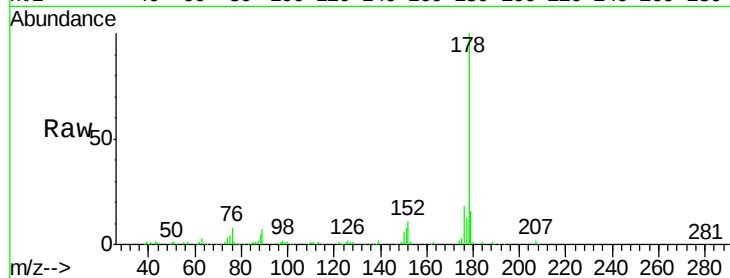
Tgt Ion:178 Resp: 174808

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.2

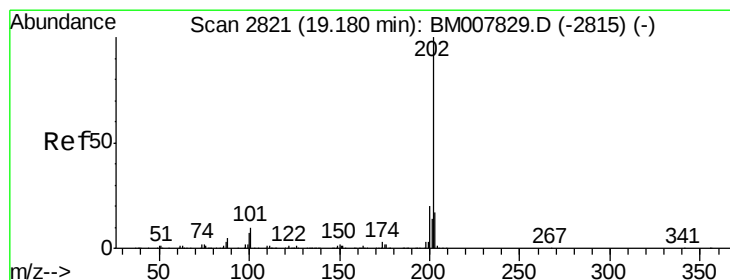
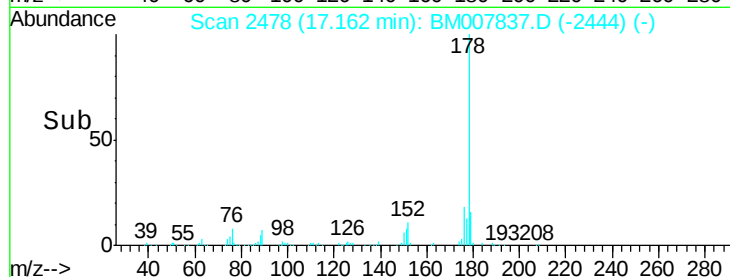
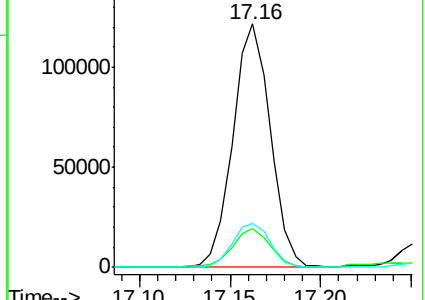
176 18.1 15.1 22.7



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: 3.66 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

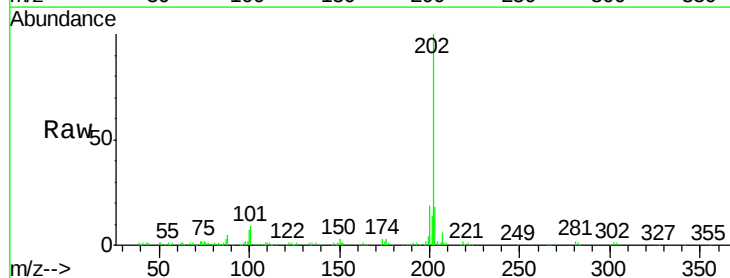
Tgt Ion:202 Resp: 207552

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

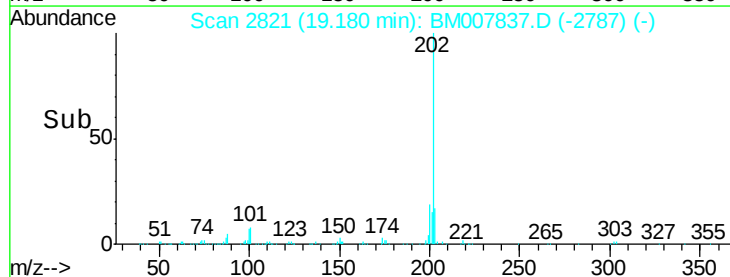
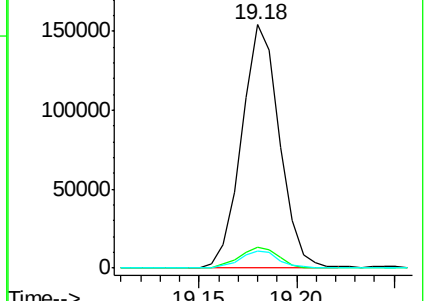
100 7.1 5.4 8.0

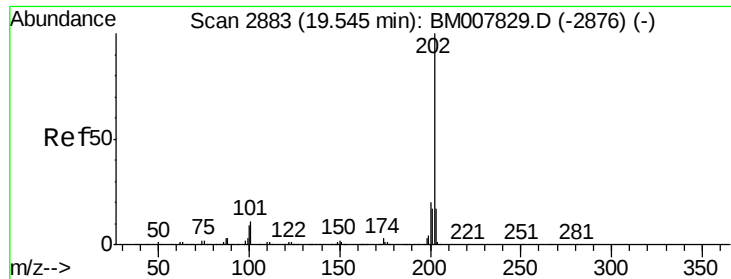


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.35 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

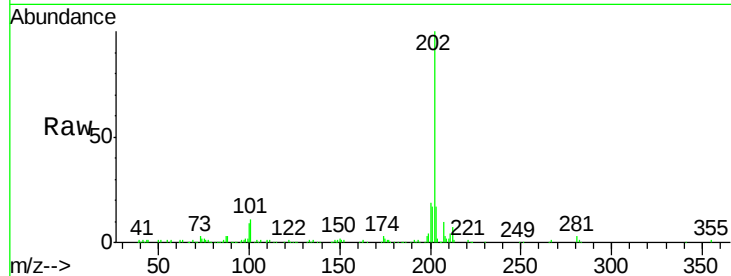
Instrument :

BNA_M

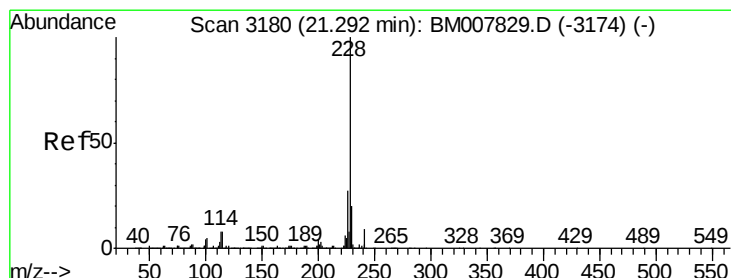
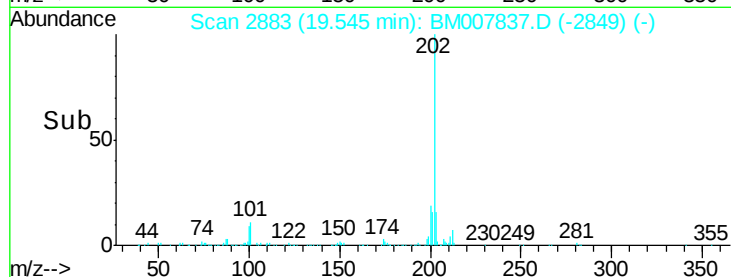
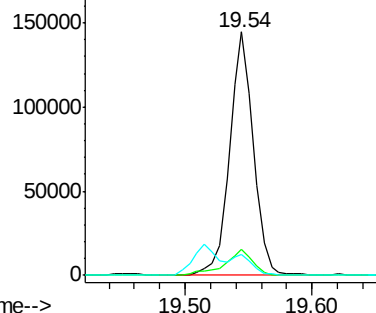
ClientSampleId :

BD4L9

Tgt Ion:	202	Resp:	189778
Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.6	6.9	10.3



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: 1.16 ng/ul

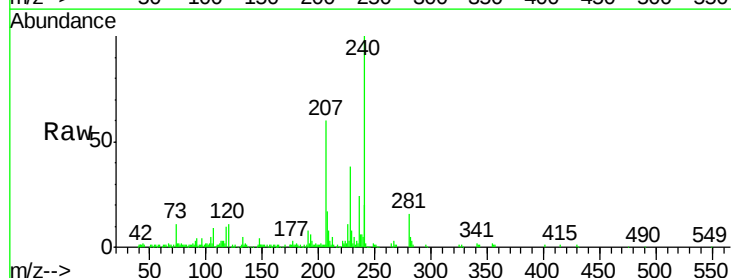
RT: 21.29 min Scan# 3180

Delta R.T. 0.00 min

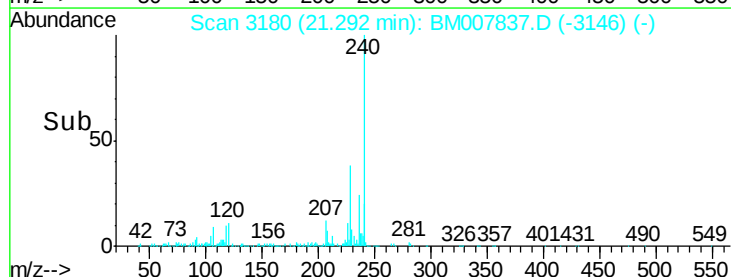
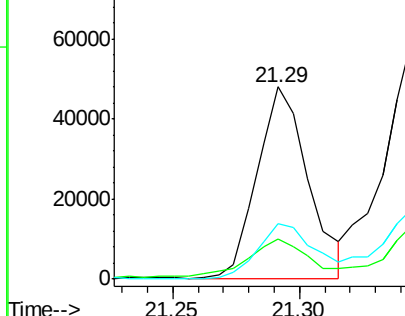
Lab File: BM007837.D

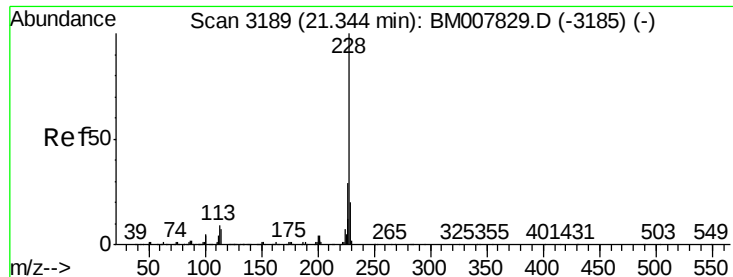
Acq: 11 Nov 2016 21:55

Tgt Ion:	228	Resp:	68077
Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	29.0	21.8	32.8



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: 1.54 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

Instrument :

BNA_M

ClientSampleId :

BD4L9

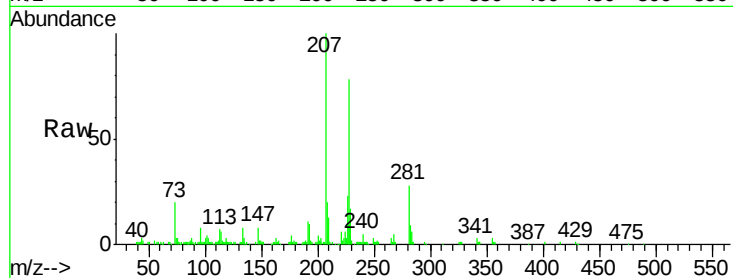
Tgt Ion:228 Resp: 86573

Ion Ratio Lower Upper

228 100

226 28.9 23.4 35.2

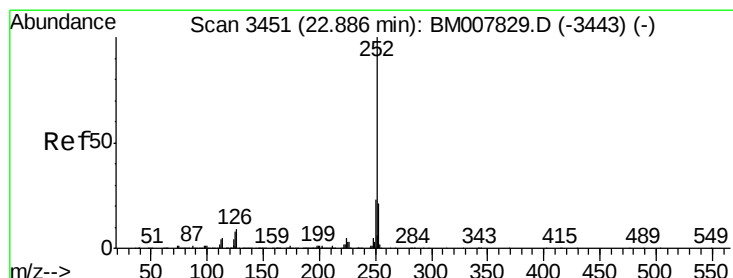
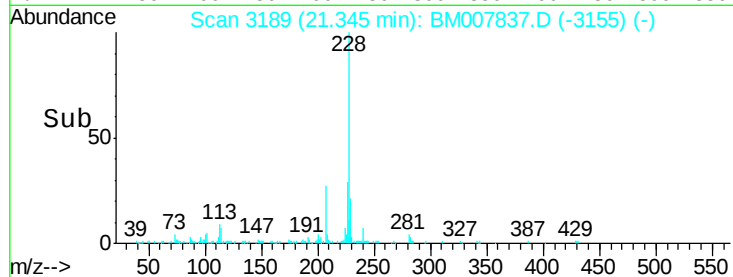
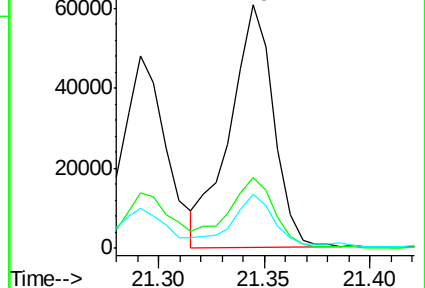
229 22.1 15.5 23.3



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: 1.73 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

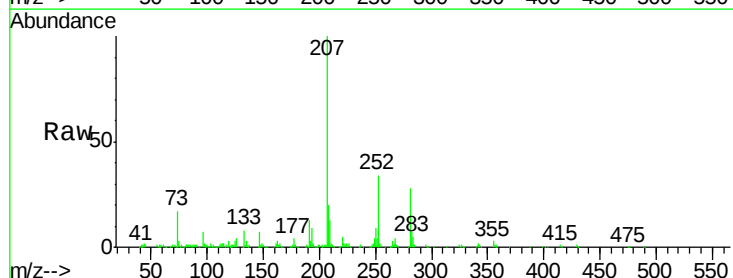
Tgt Ion:252 Resp: 112032

Ion Ratio Lower Upper

252 100

253 24.7 17.1 25.7

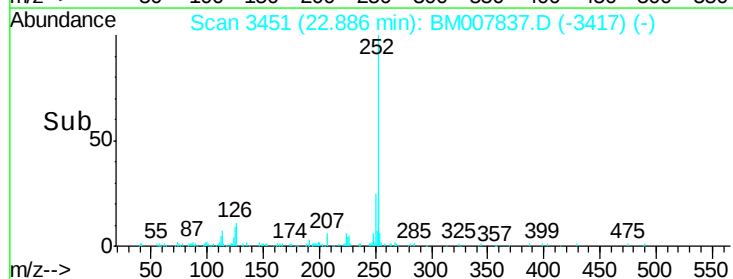
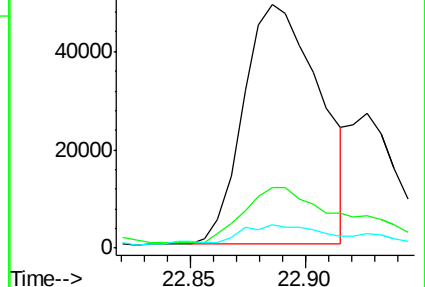
125 9.8 5.8 8.8#

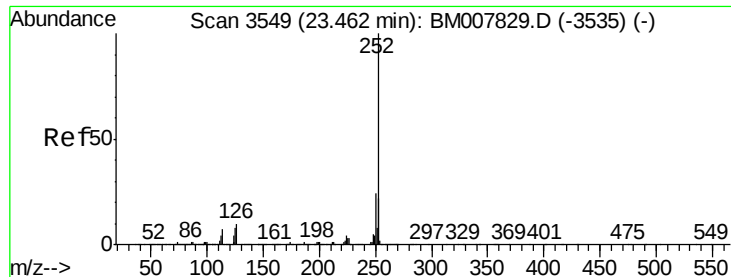


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.19 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. 0.00 min

Lab File: BM007837.D

Acq: 11 Nov 2016 21:55

Instrument :

BNA_M

ClientSampleId :

BD4L9

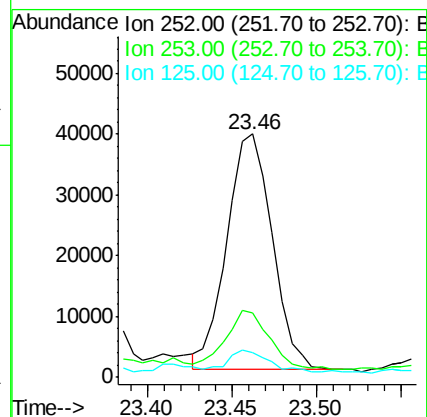
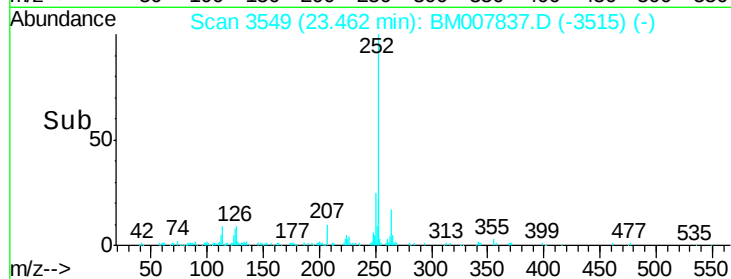
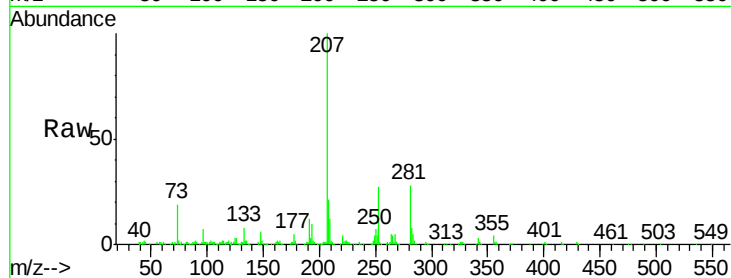
Tgt Ion:252 Resp: 72860

Ion Ratio Lower Upper

252 100

253 26.3 17.7 26.5

125 10.1 6.6 9.8#



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111116\
 Data File : BM007837.D
 Acq On : 11 Nov 2016 21:55
 Operator : UM/SJ
 Sample : H5610-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4L9

Quant Time: Nov 12 04:01:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 12 03:12:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	192615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	736353	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	467770	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	912417	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1095071	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1136060	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	24472	5.44	ng/uL	0.00
5) Phenol-d5	6.92	99	447253	30.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	275867	31.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	354802	31.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	317167	27.27	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	172607	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	188159	33.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	334593	30.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	287981	22.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	1047459	32.89	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1239916	32.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	120805	23.99	ng/ul	0.00
57) Fluorene-d10	15.37	176	905566	32.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	113281	20.90	ng/ul	0.00
70) Anthracene-d10	17.22	188	1347515	32.77	ng/ul	0.00
76) Pyrene-d10	19.52	212	1564559	34.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1633402	32.93	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.94	94	63168	4.14	ng/ul	95
44) Dimethylphthalate	13.83	163	1053872	34.07	ng/ul	99
69) Phenanthrene	17.16	178	174808	3.60	ng/ul	98
74) Fluoranthene	19.18	202	207552	3.66	ng/ul	99
77) Pyrene	19.54	202	189778	3.35	ng/ul	100
80) Benzo(a)anthracene	21.29	228	68077	1.16	ng/ul	97
82) Chrysene	21.34	228	86573	1.54	ng/ul	97
85) Benzo(b)fluoranthene	22.89	252	112032	1.73	ng/ul#	93
88) Benzo(a)pyrene	23.46	252	72860	1.19	ng/ul#	92

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