

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110916\
 Data File : BM007796.D
 Acq On : 09 Nov 2016 14:34
 Operator : UM/SJ
 Sample : H5554-10
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5N82

Quant Time: Nov 09 16:38:45 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 09 16:26:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	196948	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	742194	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	462312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	885643	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	1116562	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1150155	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	19828	4.31	ng/uL	0.00
5) Phenol-d5	6.92	99	359932	23.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	225887	25.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	287715	24.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	282430	23.74	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	136797	25.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	150976	26.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	267308	24.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	283038	22.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	844858	26.84	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	990663	26.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	92573	18.60	ng/ul	0.00
57) Fluorene-d10	15.37	176	730691	26.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	93795	17.83	ng/ul	0.00
70) Anthracene-d10	17.22	188	1090534	27.32	ng/ul	0.00
76) Pyrene-d10	19.52	212	1269499	27.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.42	264	1371661	27.32	ng/ul	0.00

Target Compounds

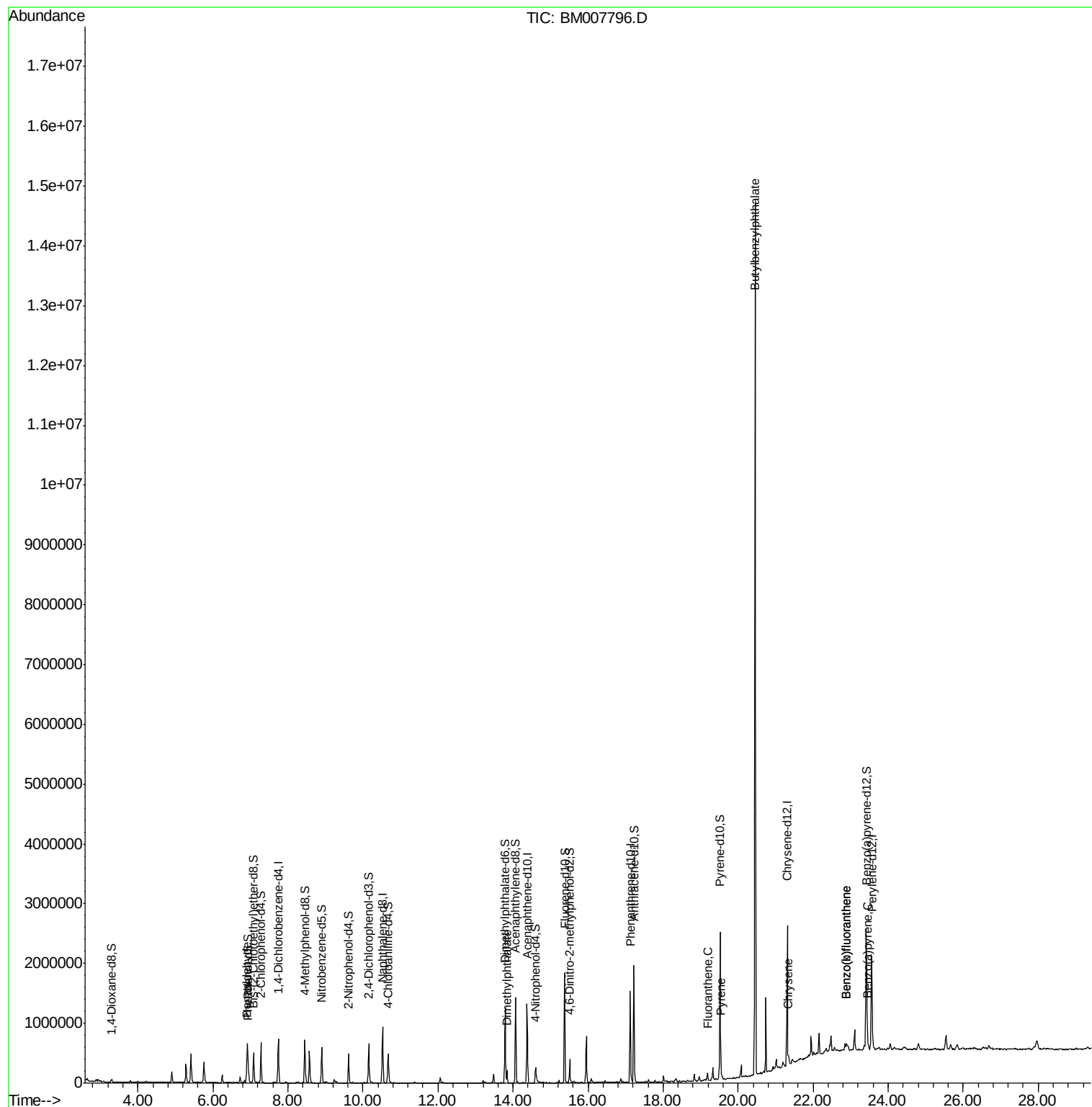
						Qvalue
4) Benzaldehyde	6.90	77	66821	6.95	ng/ul	86
6) Phenol	6.95	94	101385	6.50	ng/ul	94
44) Dimethylphthalate	13.84	163	132011	4.32	ng/ul	99
74) Fluoranthene	19.19	202	68306	1.24	ng/ul	99
77) Pyrene	19.54	202	73203	1.27	ng/ul	99
78) Butylbenzylphthalate	20.46	149	4490637	218.82	ng/ul	98
82) Chrysene	21.35	228	61552	1.07	ng/ul	93
85) Benzo(b)fluoranthene	22.89	252	93296	1.42	ng/ul#	91
86) Benzo(k)fluoranthene	22.89	252	93296	1.54	ng/ul#	92
88) Benzo(a)pyrene	23.46	252	66049	1.07	ng/ul#	92

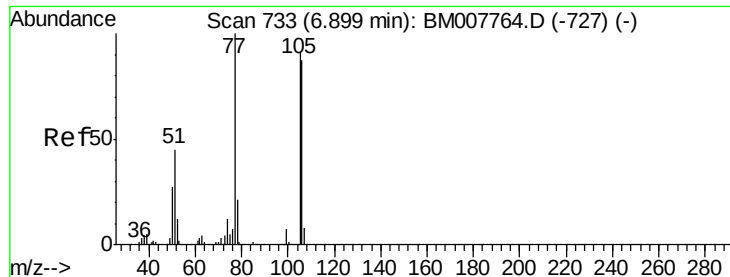
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 6.95 ng/ul

RT: 6.90 min Scan# 733

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

Instrument :

BNA_M

ClientSampleId :

E5N82

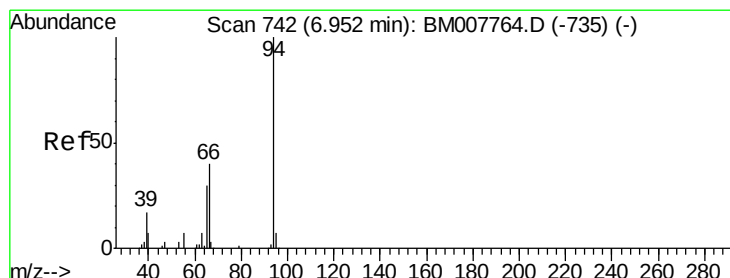
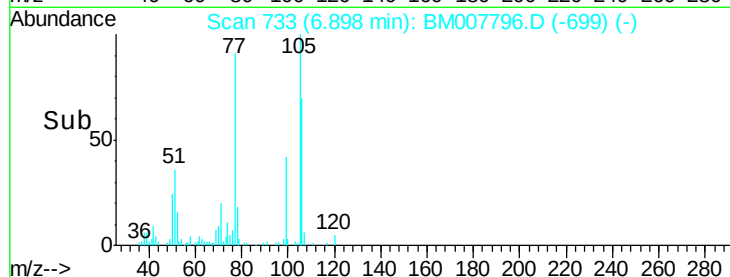
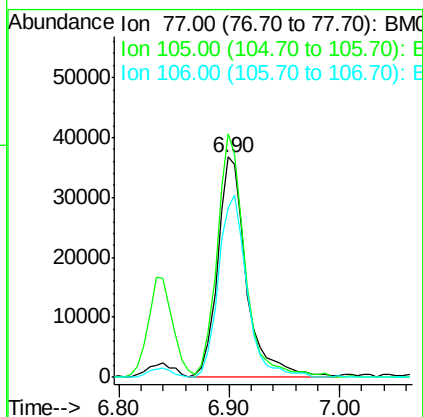
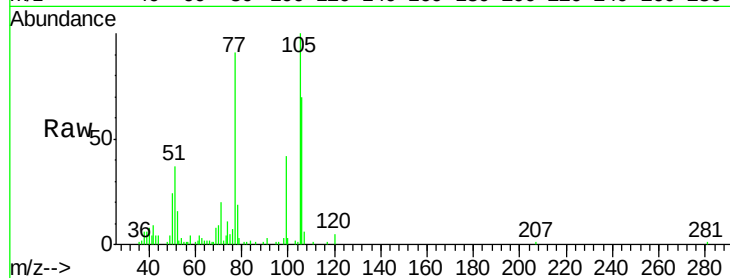
Tgt Ion: 77 Resp: 66821

Ion Ratio Lower Upper

77 100

105 110.4 76.9 115.3

106 77.0 71.8 107.8



#6

Phenol

Concen: 6.50 ng/ul

RT: 6.95 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

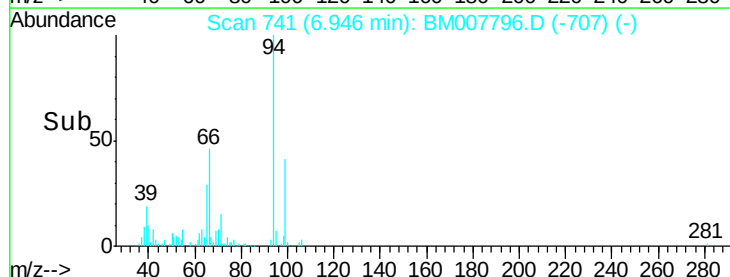
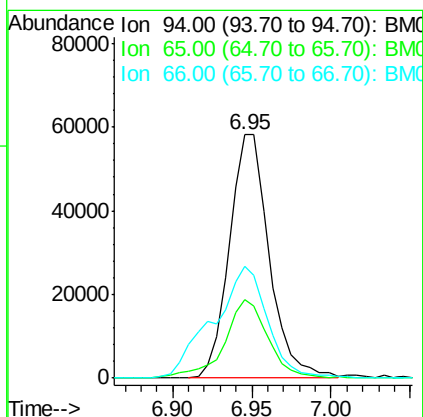
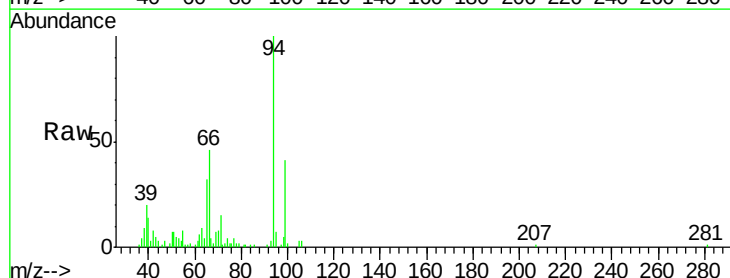
Tgt Ion: 94 Resp: 101385

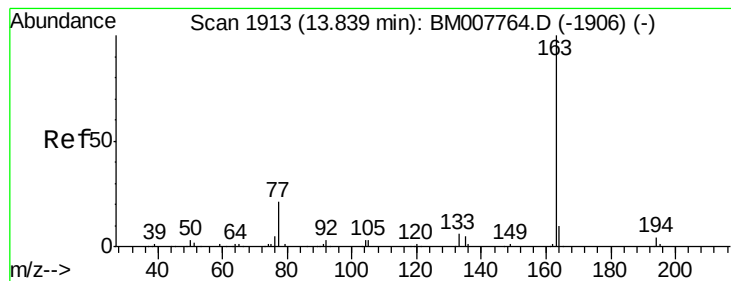
Ion Ratio Lower Upper

94 100

65 32.1 23.9 35.9

66 46.1 33.5 50.3





#44

Dimethylphthalate

Concen: 4.32 ng/ul

RT: 13.84 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

Instrument :

BNA_M

ClientSampleId :

E5N82

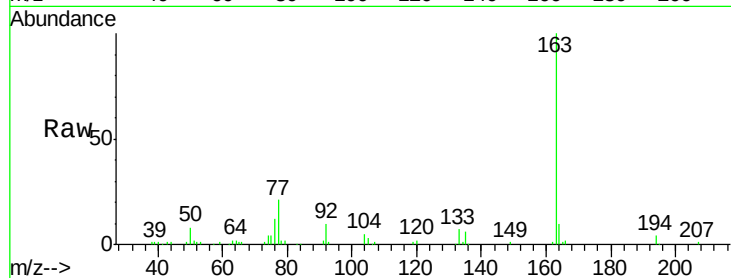
Tgt Ion:163 Resp: 132011

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

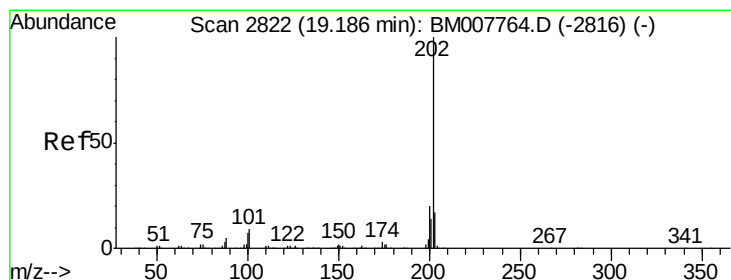
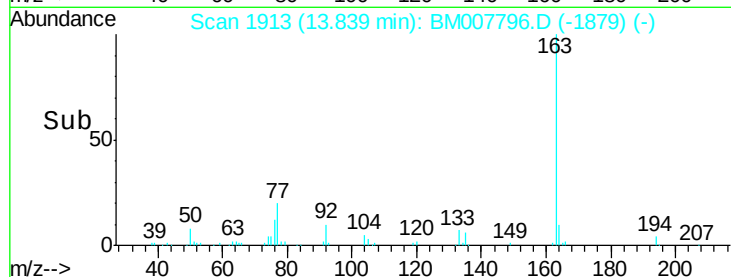
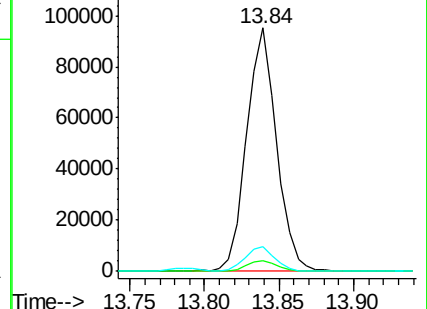
164 10.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#74

Fluoranthene

Concen: 1.24 ng/ul

RT: 19.19 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

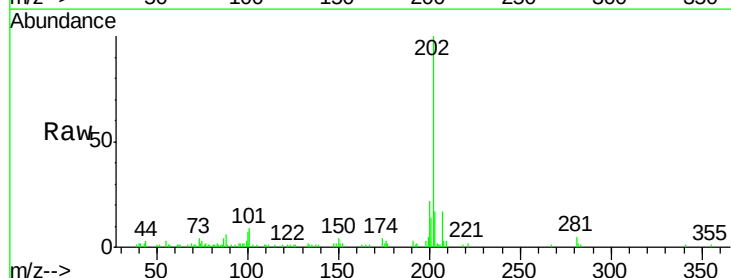
Tgt Ion:202 Resp: 68306

Ion Ratio Lower Upper

202 100

101 8.5 6.9 10.3

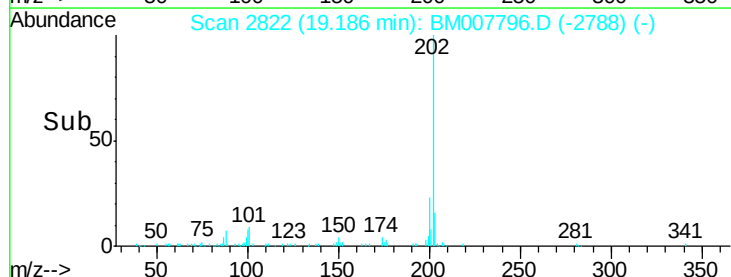
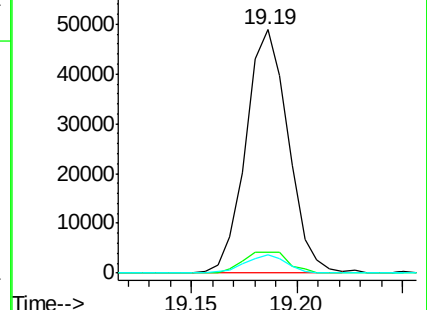
100 7.5 5.4 8.0

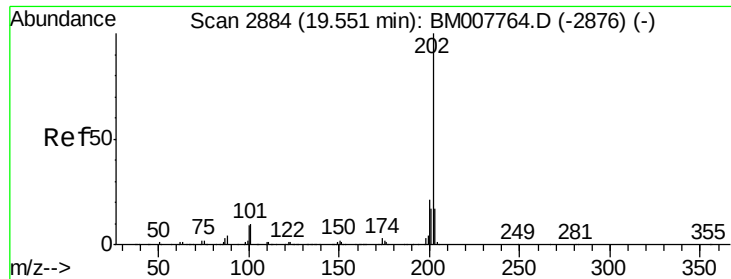


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

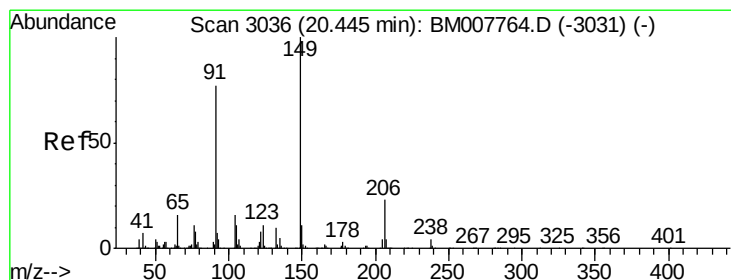
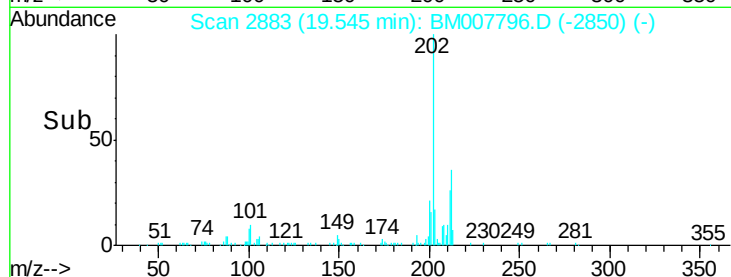
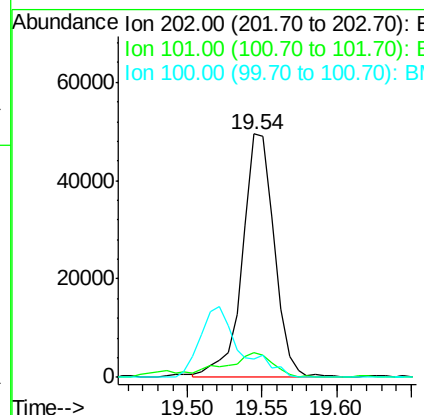
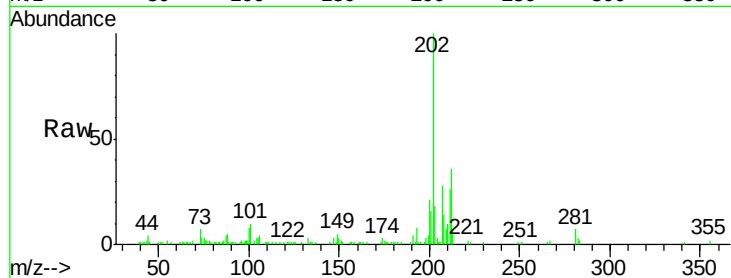




#77
 Pyrene
 Concen: 1.27 ng/ul
 RT: 19.54 min Scan# 2883
 Delta R.T. -0.01 min
 Lab File: BM007796.D
 Acq: 09 Nov 2016 14:34

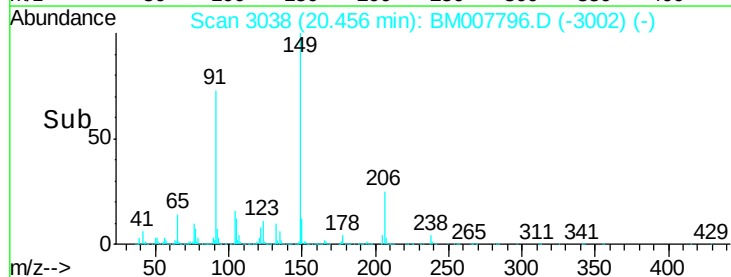
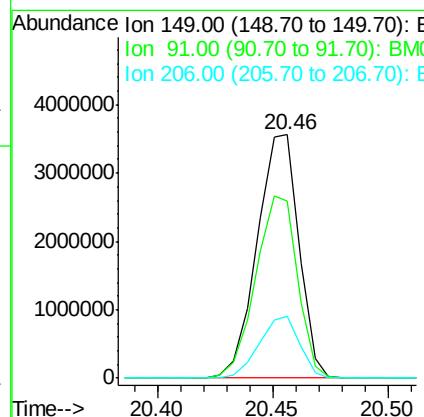
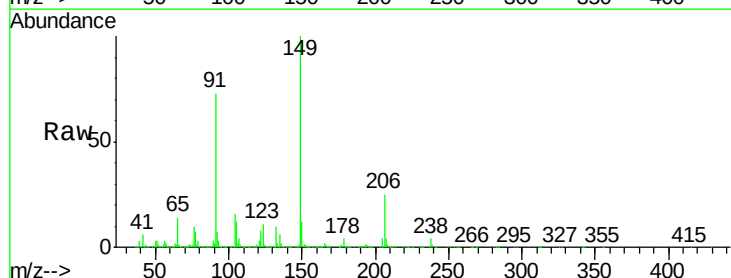
Instrument :
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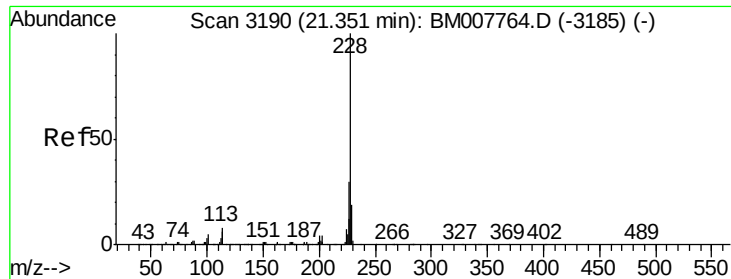
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	7.7	6.9	10.3



#78
 Butylbenzylphthalate
 Concen: 218.82 ng/ul
 RT: 20.46 min Scan# 3038
 Delta R.T. 0.01 min
 Lab File: BM007796.D
 Acq: 09 Nov 2016 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	57.3	85.9
206	25.3	18.6	27.8





#82

Chrysene

Concen: 1.07 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

Instrument :

BNA_M

ClientSampleId :

E5N82

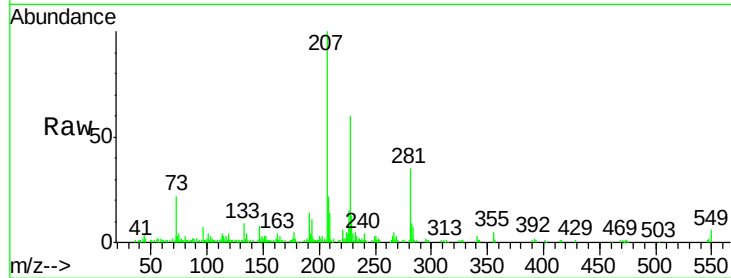
Tgt Ion:228 Resp: 61552

Ion Ratio Lower Upper

228 100

226 24.8 23.4 35.2

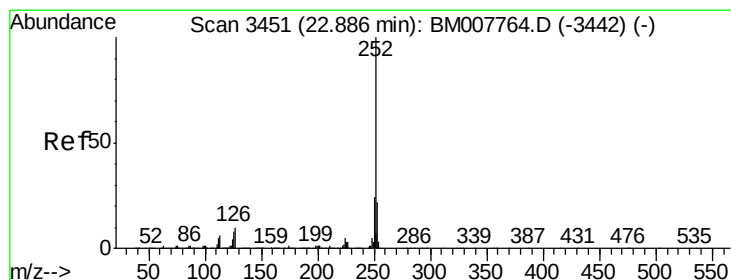
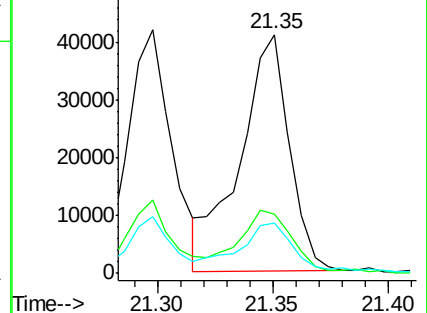
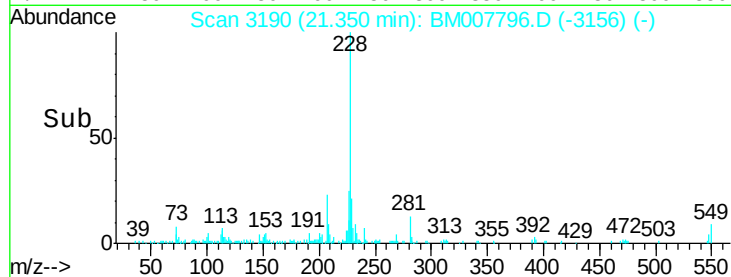
229 21.2 15.5 23.3



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: 1.42 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. 0.00 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

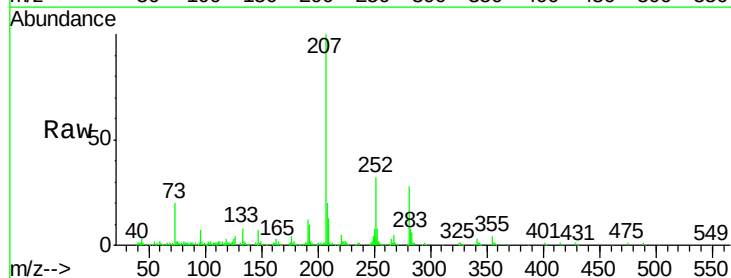
Tgt Ion:252 Resp: 93296

Ion Ratio Lower Upper

252 100

253 26.1 17.1 25.7#

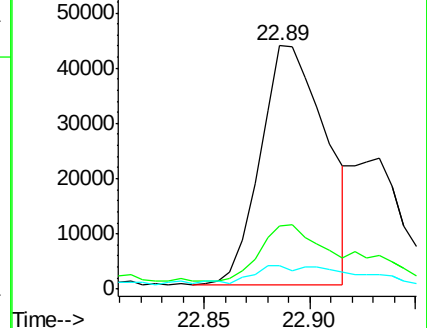
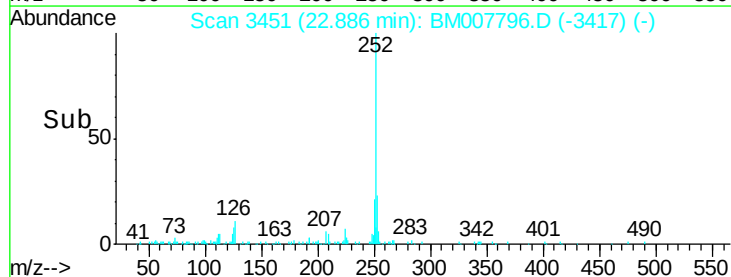
125 9.7 5.8 8.8#

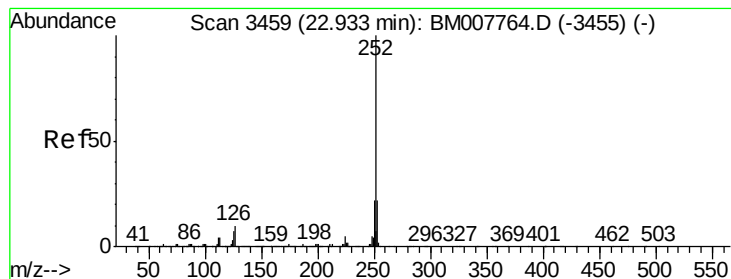


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.54 ng/ul

RT: 22.89 min Scan# 3451

Delta R.T. -0.05 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

Instrument :

BNA_M

ClientSampleId :

E5N82

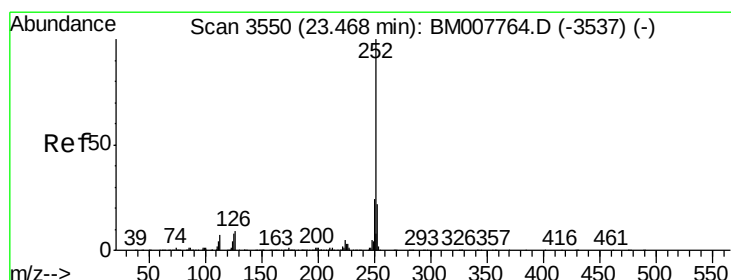
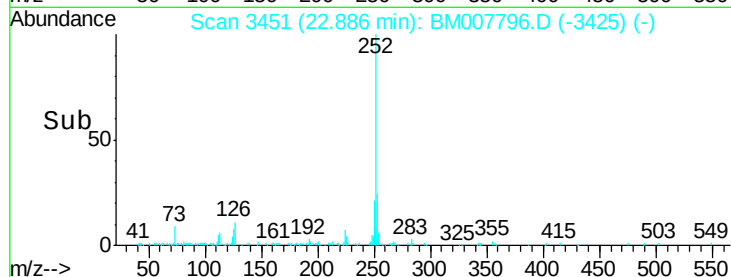
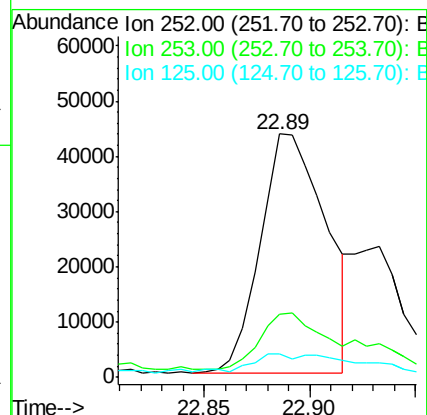
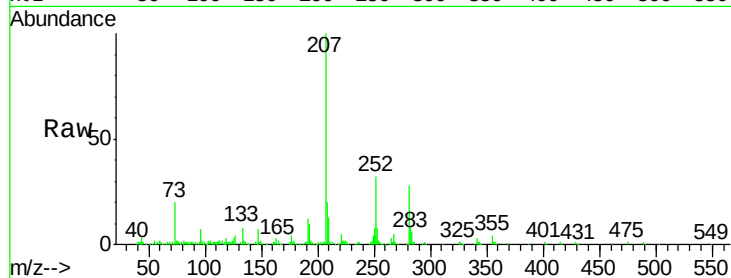
Tgt Ion:252 Resp: 93296

Ion Ratio Lower Upper

252 100

253 26.1 17.6 26.4

125 9.7 5.7 8.5#



#88

Benzo(a)pyrene

Concen: 1.07 ng/ul

RT: 23.46 min Scan# 3549

Delta R.T. -0.01 min

Lab File: BM007796.D

Acq: 09 Nov 2016 14:34

Tgt Ion:252 Resp: 66049

Ion Ratio Lower Upper

252 100

253 27.1 17.7 26.5#

125 9.0 6.6 9.8

