

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM040616\
 Data File : BM004910.D
 Acq On : 06 Apr 2016 18:27
 Operator : UM/SJ
 Sample : H1940-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9SH7

Quant Time: Apr 07 04:34:20 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 07 04:29:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	50010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	227922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	141910	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	339301	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	422170	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	374306	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	3340	2.70	ng/uL	0.00
5) Phenol-d5	6.98	99	87557	19.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	46581	19.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	67690	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	72054	19.31	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	30644	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	35097	19.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	71759	21.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	71722	17.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	238418	21.30	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	287023	21.43	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	34494	15.58	ng/ul	0.00
58) Fluorene-d10	15.45	176	216519	22.38	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	31140	15.32	ng/ul	0.00
71) Anthracene-d10	17.30	188	345070	22.73	ng/ul	0.00
79) Pyrene-d10	19.60	212	416956	22.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	381634	23.01	ng/ul	0.00

Target Compounds

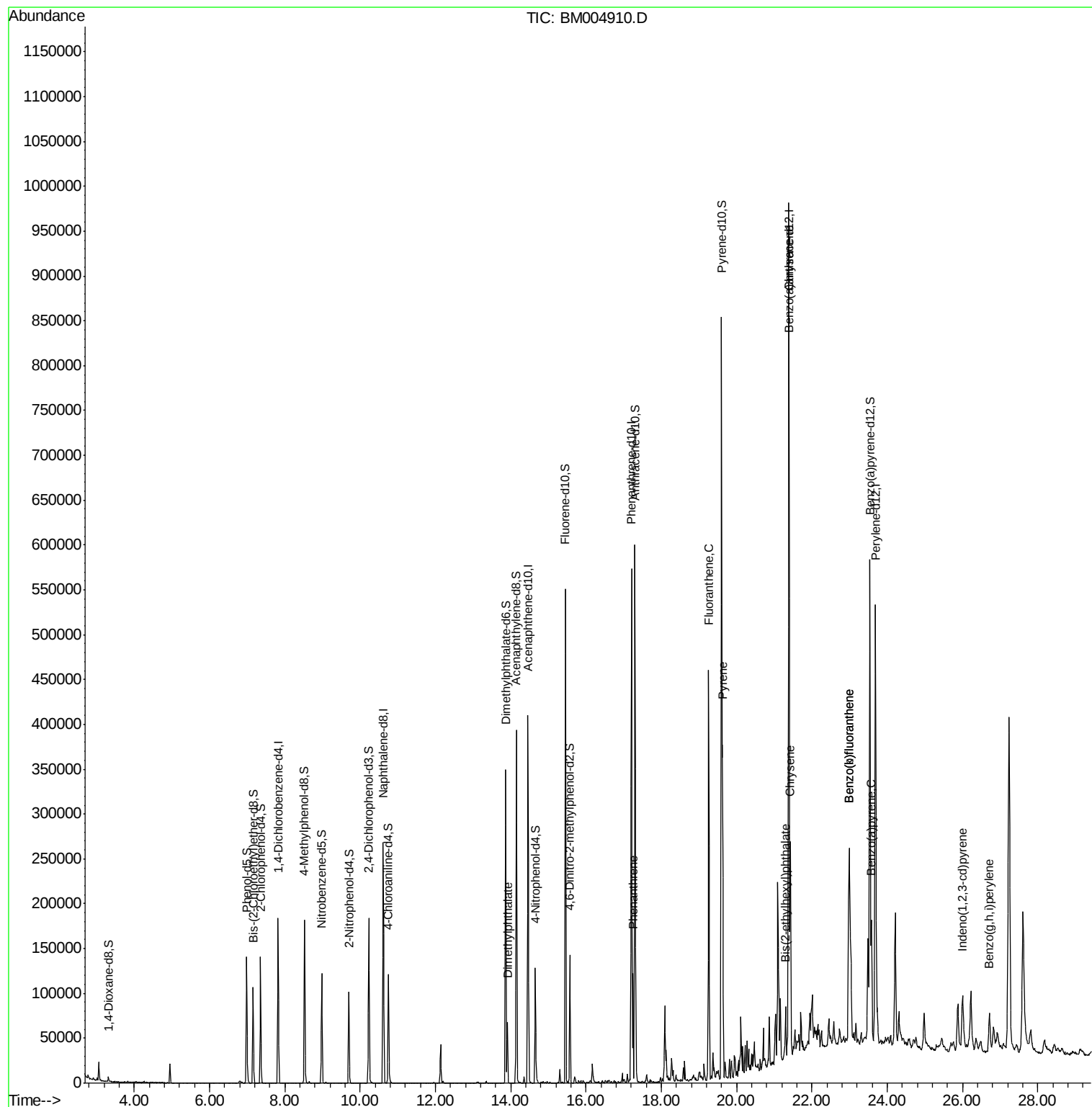
						Qvalue
45) Dimethylphthalate	13.91	163	44582	3.91	ng/ul	99
70) Phenanthrene	17.24	178	73850	3.95	ng/ul	98
77) Fluoranthene	19.26	202	277990	13.37	ng/ul	99
80) Pyrene	19.62	202	225519	9.33	ng/ul	99
83) Benzo(a)anthracene	21.37	228	104487	4.32	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	20322	1.39	ng/ul#	99
85) Chrysene	21.42	228	140337	6.11	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	186713	8.70	ng/ul	99
89) Benzo(k)fluoranthene	22.99	252	186713	9.08	ng/ul	98
91) Benzo(a)pyrene	23.58	252	97944	4.71	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.00	276	57467	2.32	ng/ul#	91
94) Benzo(g,h,i)perylene	26.71	276	55231	2.59	ng/ul	97

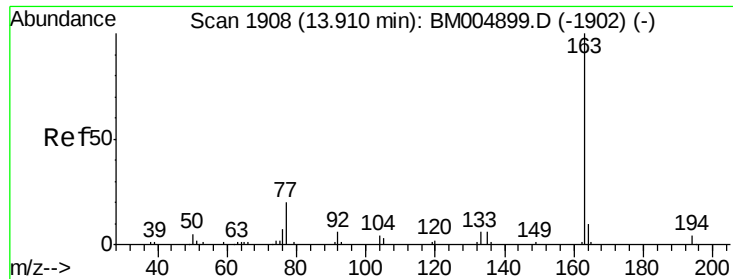
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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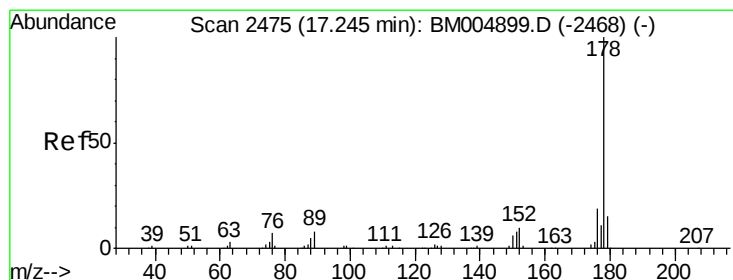
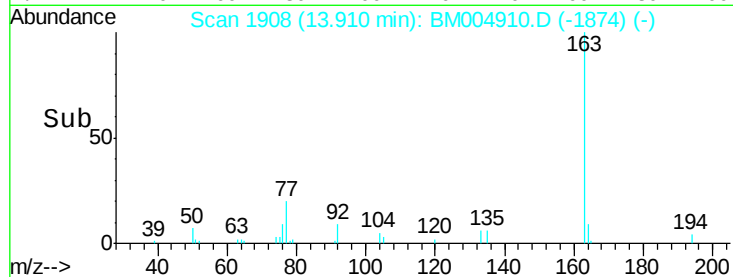
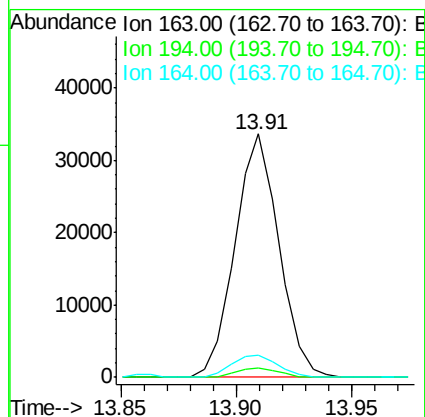
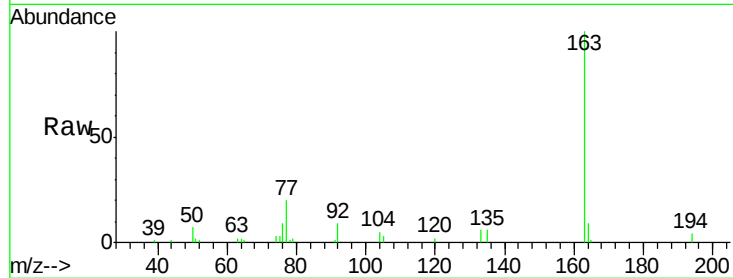




#45
Dimethylphthalate
Concen: 3.91 ng/ul
RT: 13.91 min Scan# 1908
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

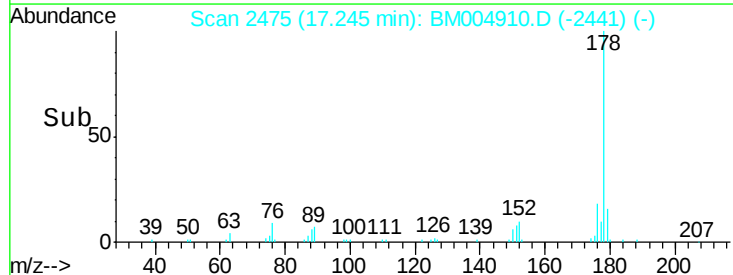
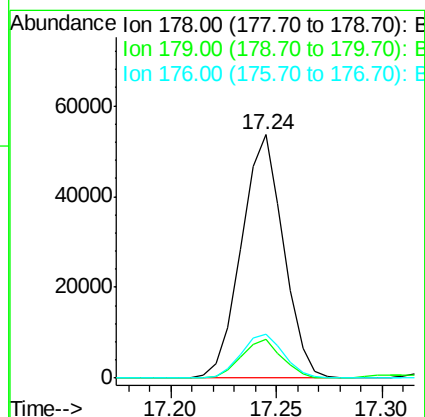
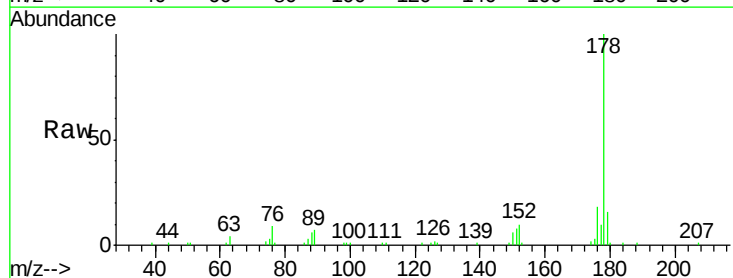
Instrument :
BNA_M
ClientSampleId :
D9SH7

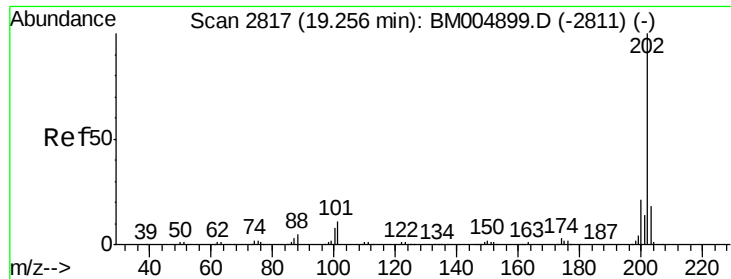
Tgt Ion:163 Resp: 44582
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.3 7.8 11.8



#70
Phenanthrene
Concen: 3.95 ng/ul
RT: 17.24 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Tgt Ion:178 Resp: 73850
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.2 15.6 23.4

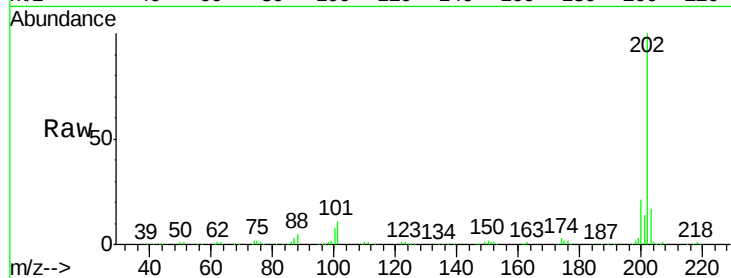




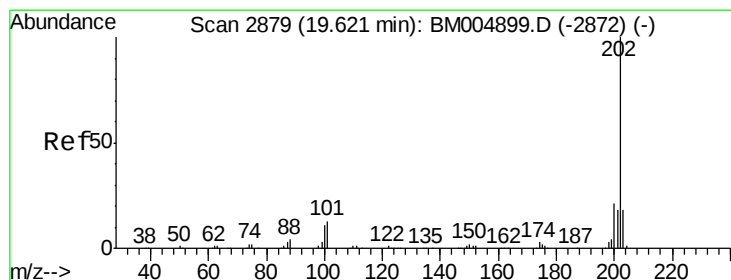
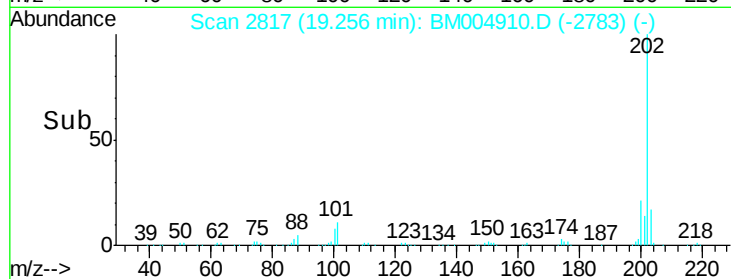
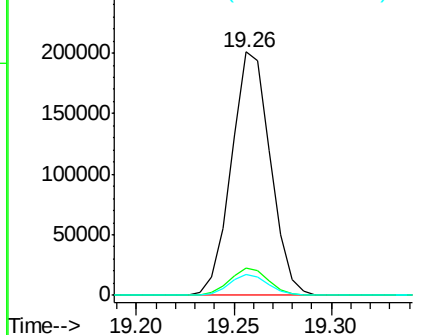
#77
Fluoranthene
Concen: 13.37 ng/ul
RT: 19.26 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Instrument :
BNA_M
ClientSampleId :
D9SH7

Tgt Ion: 202 Resp: 277990
Ion Ratio Lower Upper
202 100
101 11.3 8.8 13.2
100 8.3 6.6 9.8

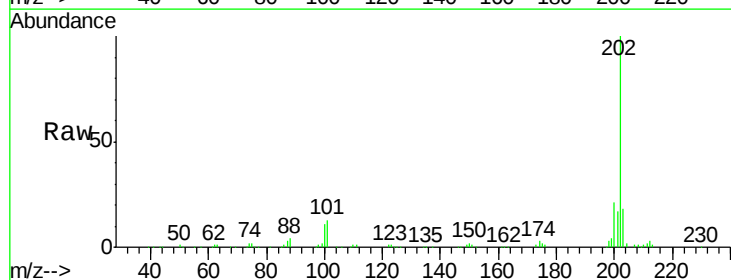


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

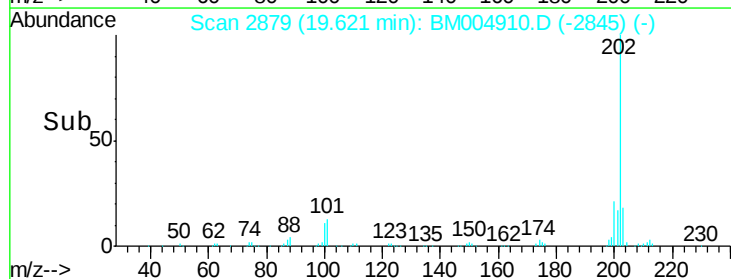
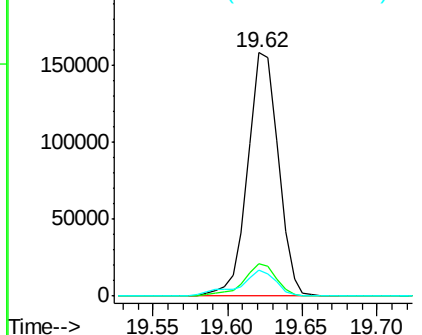


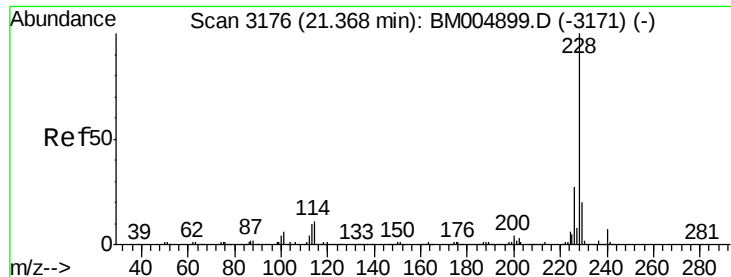
#80
Pyrene
Concen: 9.33 ng/ul
RT: 19.62 min Scan# 2879
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Tgt Ion: 202 Resp: 225519
Ion Ratio Lower Upper
202 100
101 13.2 10.2 15.2
100 10.8 8.5 12.7



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

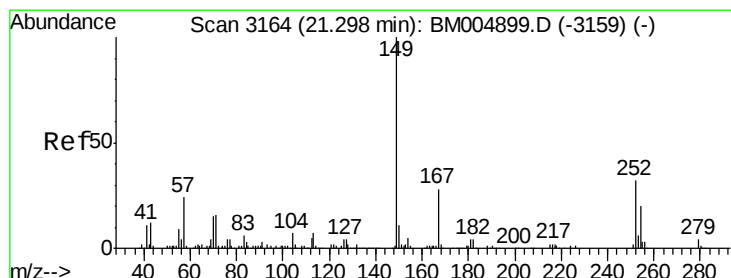
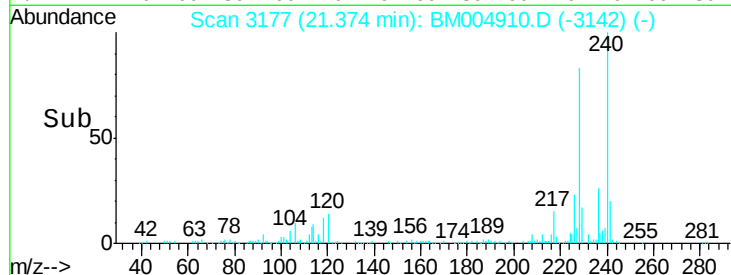
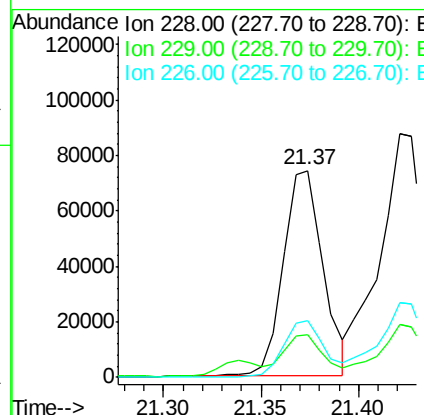
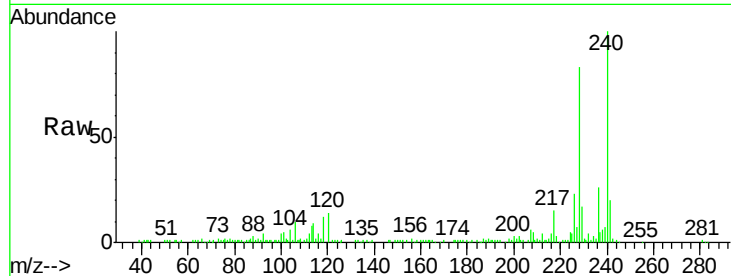




#83
Benzo(a)anthracene
Concen: 4.32 ng/ul
RT: 21.37 min Scan# 3177
Delta R.T. 0.01 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

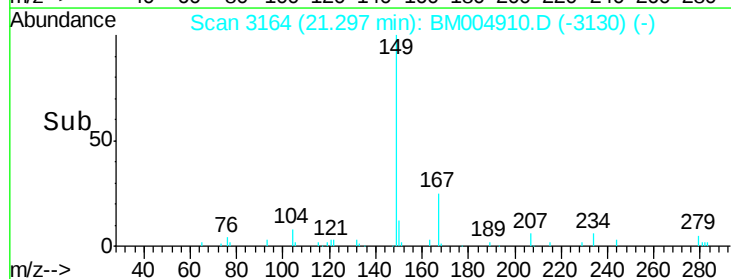
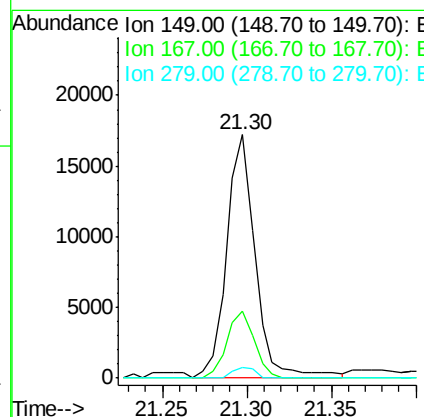
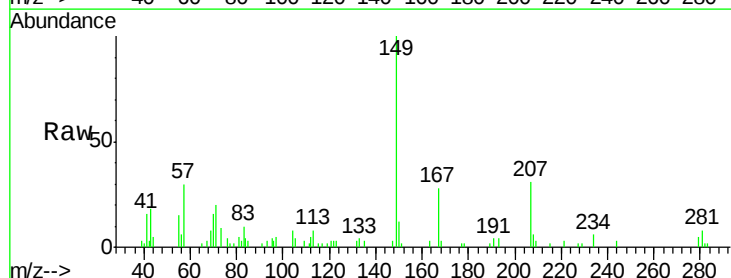
Instrument :
BNA_M
ClientSampleId :
D9SH7

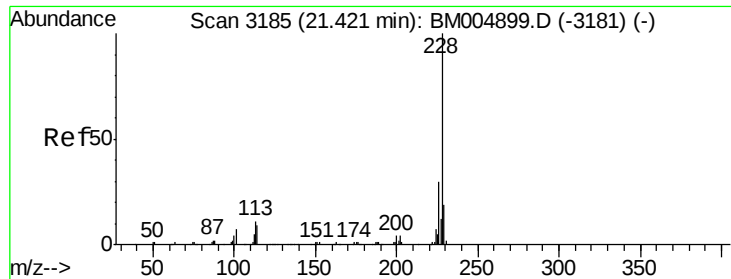
Tgt Ion:228 Resp: 104487
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.2 21.8 32.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 1.39 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Tgt Ion:149 Resp: 20322
Ion Ratio Lower Upper
149 100
167 27.6 21.6 32.4
279 4.6 3.0 4.4#

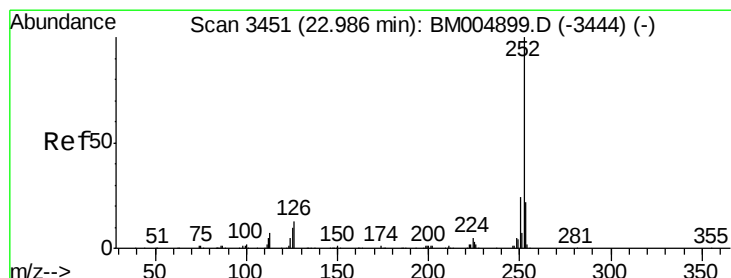
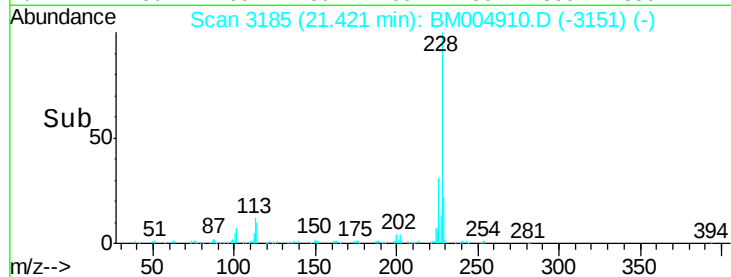
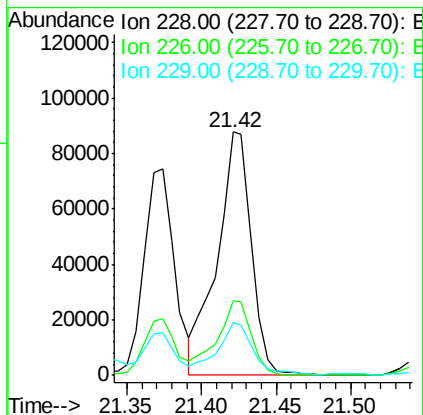
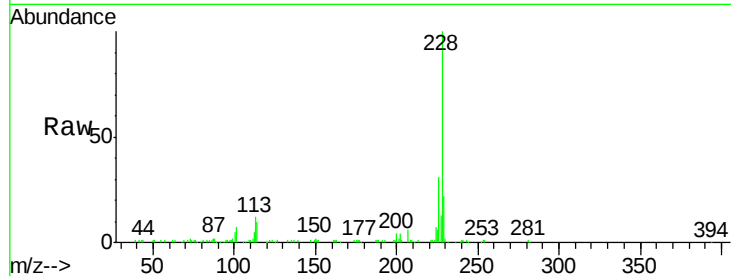




#85
Chrysene
Concen: 6.11 ng/ul
RT: 21.42 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

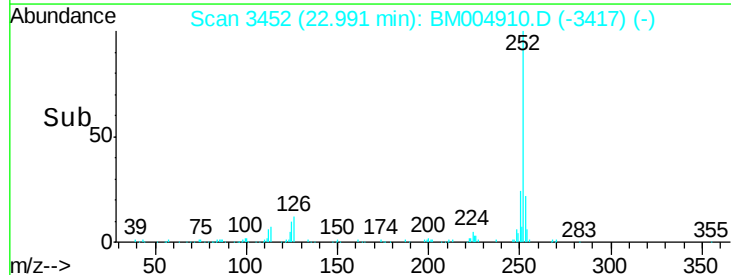
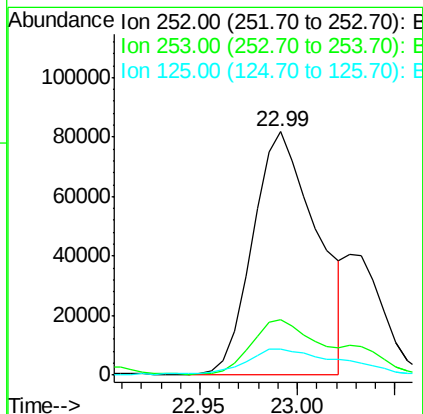
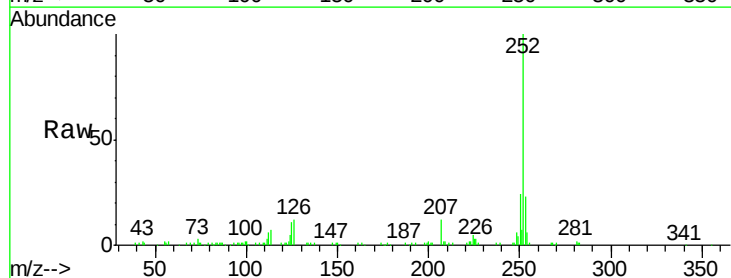
Instrument :
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ClientSampleId :
D9SH7

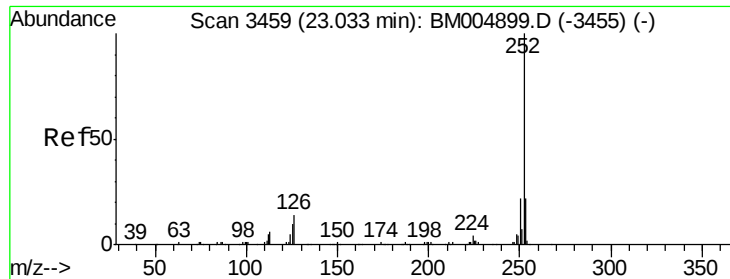
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.7	15.6	23.4



#88
Benzo(b)fluoranthene
Concen: 8.70 ng/ul
RT: 22.99 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM004910.D
Acq: 06 Apr 2016 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.7	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 9.08 ng/ul

RT: 22.99 min Scan# 3452

Delta R.T. -0.04 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Instrument :

BNA_M

ClientSampleId :

D9SH7

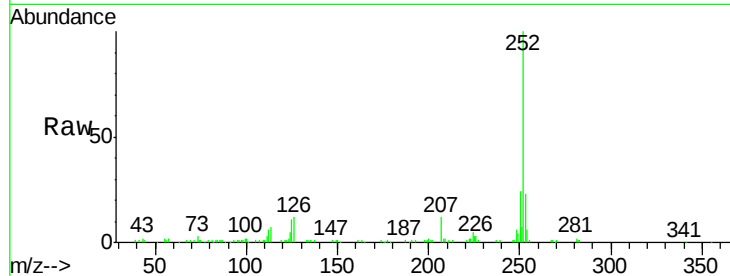
Tgt Ion:252 Resp: 186713

Ion Ratio Lower Upper

252 100

253 22.6 17.3 25.9

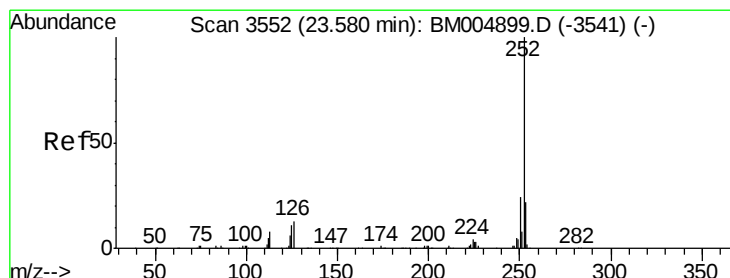
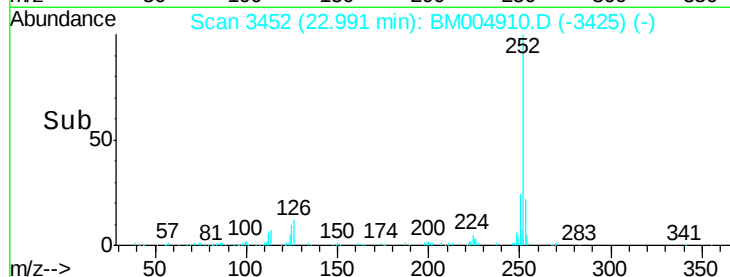
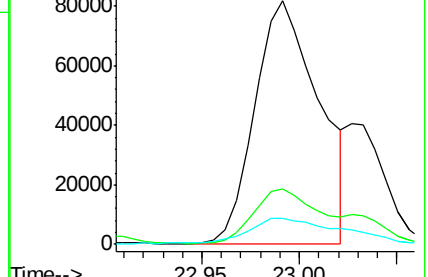
125 10.7 8.2 12.2



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



#91

Benzo(a)pyrene

Concen: 4.71 ng/ul

RT: 23.58 min Scan# 3552

Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

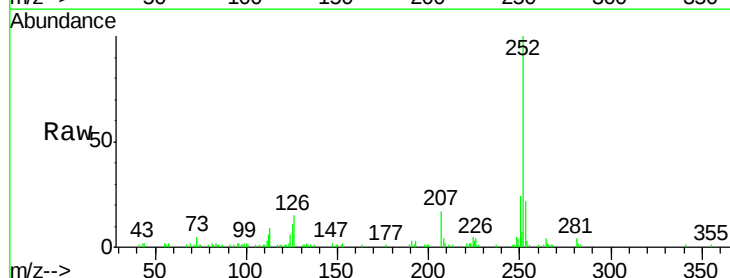
Tgt Ion:252 Resp: 97944

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

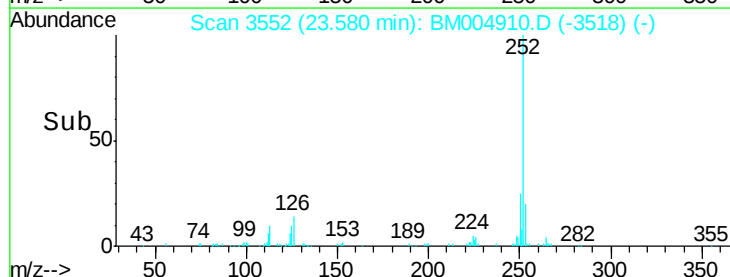
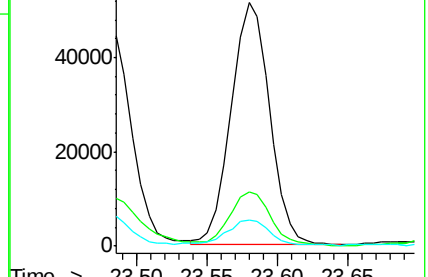
125 10.9 9.0 13.6

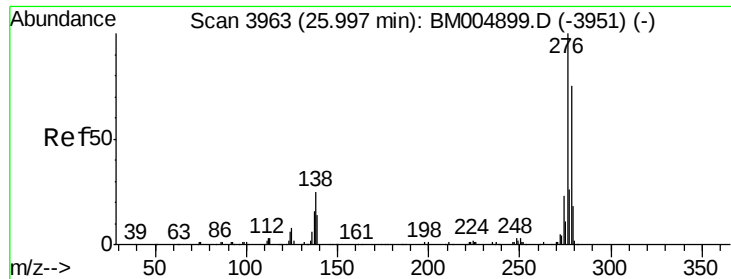


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.32 ng/ul

RT: 26.00 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

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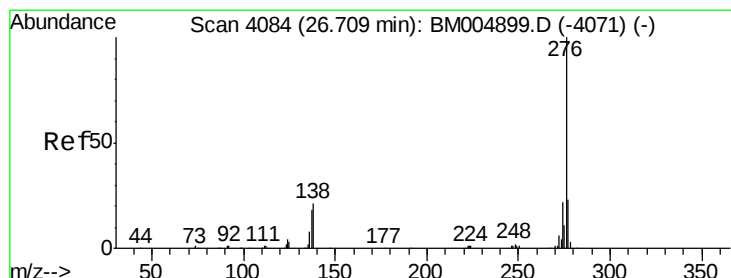
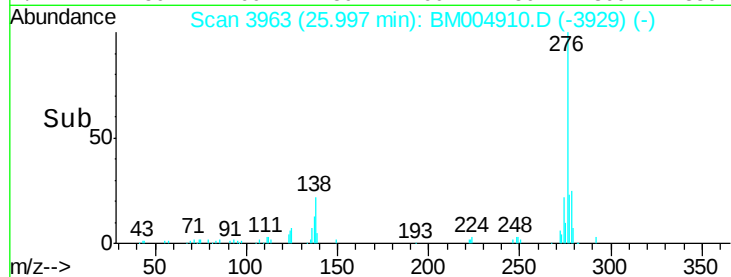
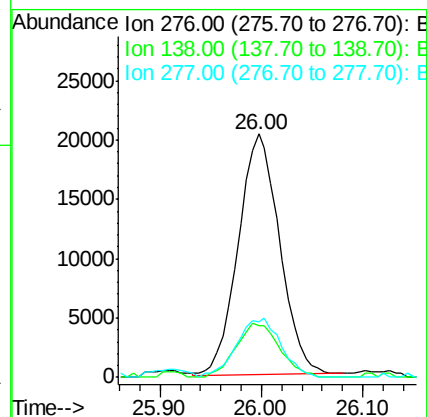
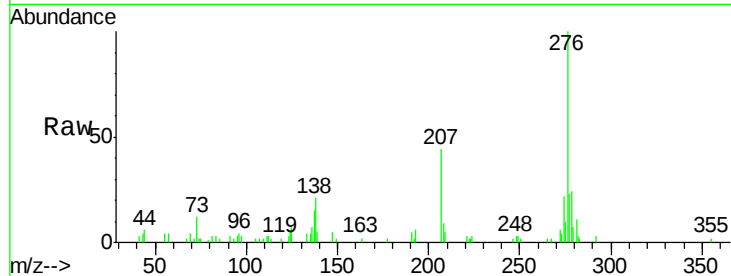
Tgt Ion:276 Resp: 57467

Ion Ratio Lower Upper

276 100

138 21.3 22.3 33.5#

277 22.9 20.2 30.2



#94

Benzo(g,h,i)perylene

Concen: 2.59 ng/ul

RT: 26.71 min Scan# 4084

Delta R.T. -0.00 min

Lab File: BM004910.D

Acq: 06 Apr 2016 18:27

Tgt Ion:276 Resp: 55231

Ion Ratio Lower Upper

276 100

138 21.8 18.9 28.3

277 25.4 19.2 28.8

