

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
 Data File : BM007864.D
 Acq On : 14 Nov 2016 20:35
 Operator : UM/SJ
 Sample : H5610-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD4M7

Quant Time: Nov 15 02:51:05 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 15 02:47:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	165191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	632725	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	411883	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	863872	20.00	ng/ul	0.09
75) Chrysene-d12	21.30	240	1107471	20.00	ng/ul	0.00
83) Perylene-d12	23.56	264	1151003	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	15994	4.15	ng/uL	0.00
5) Phenol-d5	6.92	99	268868	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	169356	22.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	218550	22.35	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	212778	21.33	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	102944	22.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	111002	23.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	202955	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	175901	16.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	657440	23.44	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	754361	22.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	71940	16.22	ng/ul	0.00
57) Fluorene-d10	15.36	176	563039	22.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	80715	15.73	ng/ul	0.00
70) Anthracene-d10	17.22	188	863889	22.19	ng/ul	0.00
76) Pyrene-d10	19.52	212	1062760	23.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	1186790	23.62	ng/ul	0.00

Target Compounds

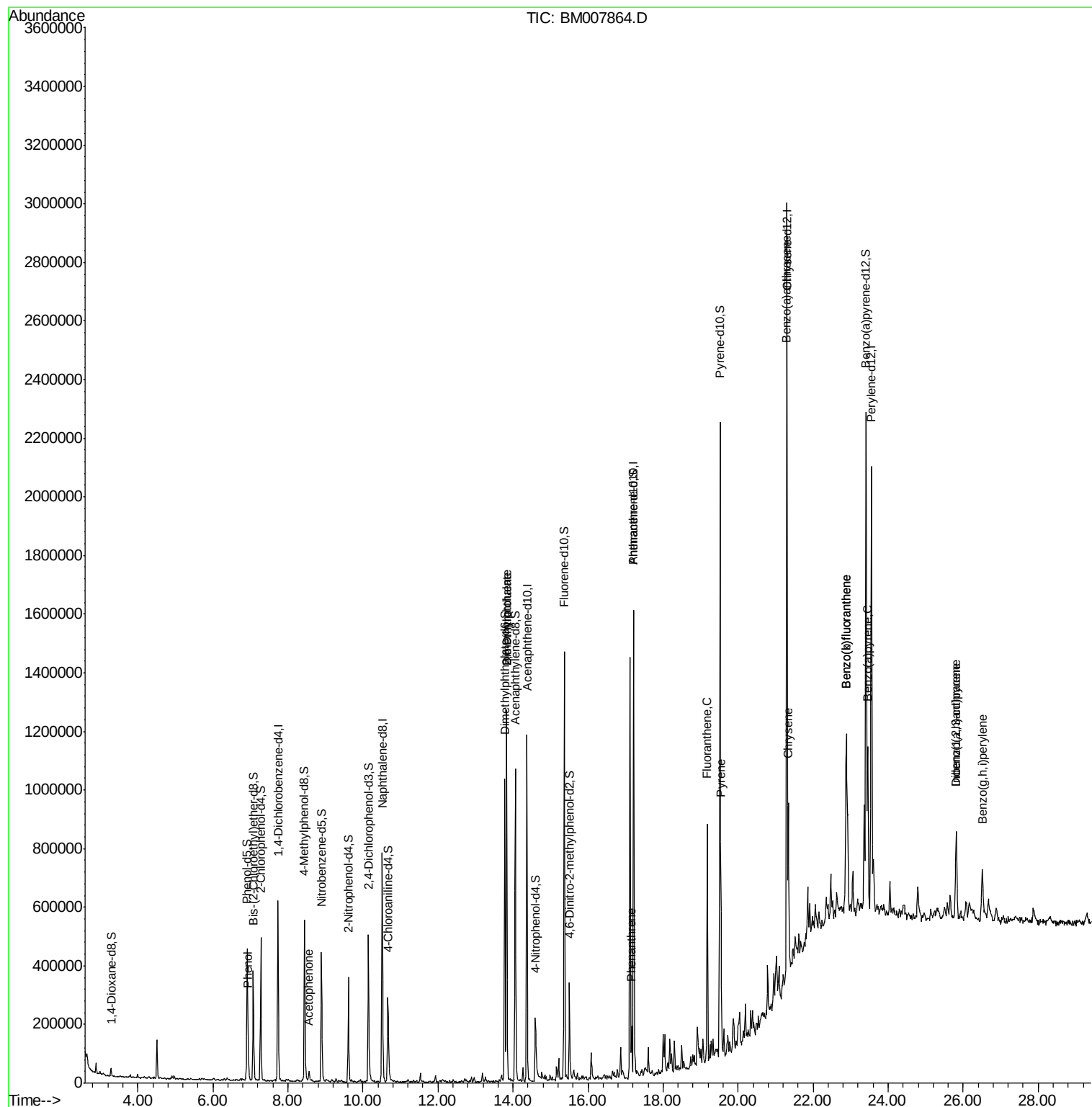
						Qvalue
6) Phenol	6.94	94	40917	3.13	ng/ul	99
14) Acetophenone	8.56	105	16849	1.08	ng/ul	87
44) Dimethylphthalate	13.83	163	795732	29.22	ng/ul	99
45) 2,6-Dinitrotoluene	13.83	165	8949	1.75	ng/ul#	52
69) Phenanthrene	17.16	178	106473	2.32	ng/ul	98
74) Fluoranthene	19.18	202	462462	8.61	ng/ul	99
77) Pyrene	19.54	202	456685	7.98	ng/ul	99
80) Benzo(a)anthracene	21.29	228	383088	6.47	ng/ul	97
82) Chrysene	21.34	228	360581	6.34	ng/ul	95
85) Benzo(b)fluoranthene	22.88	252	557128	8.47	ng/ul	99
86) Benzo(k)fluoranthene	22.88	252	557128	9.21	ng/ul	99
88) Benzo(a)pyrene	23.46	252	415694	6.71	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.81	276	299864	4.04	ng/ul	95
90) Dibenzo(a,h)anthracene	25.81	278	77741	1.24	ng/ul#	80
91) Benzo(g,h,i)perylene	26.51	276	227942	3.66	ng/ul	99

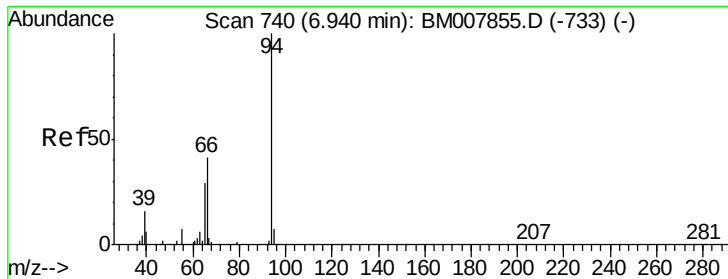
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM111416\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.13 ng/ul

RT: 6.94 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

ClientSampled :

BD4M7

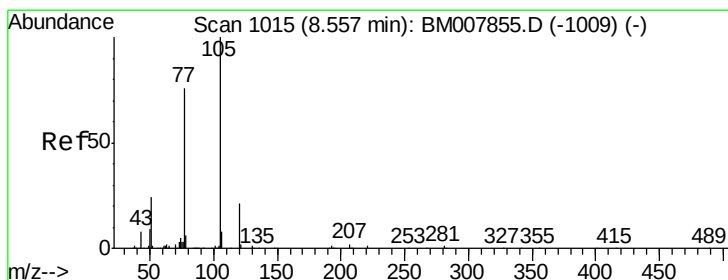
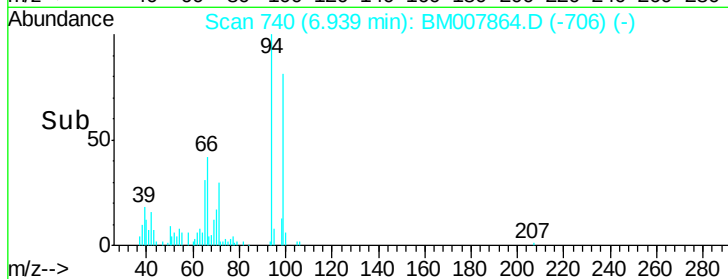
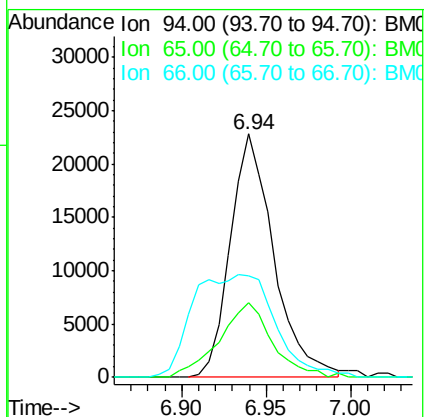
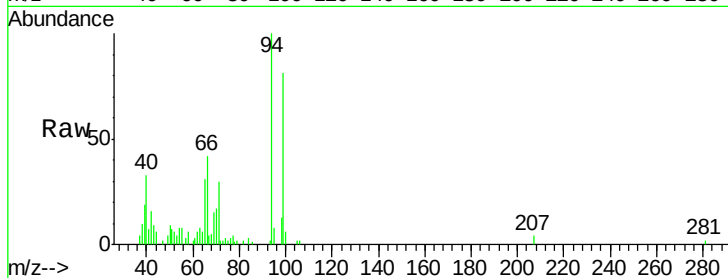
Tgt Ion: 94 Resp: 40917

Ion Ratio Lower Upper

94 100

65 30.8 23.9 35.9

66 41.7 33.5 50.3



#14

Acetophenone

Concen: 1.08 ng/ul

RT: 8.56 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

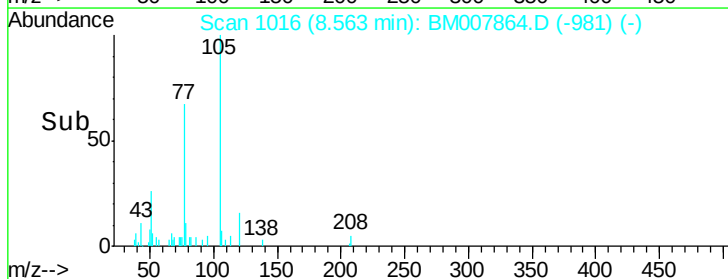
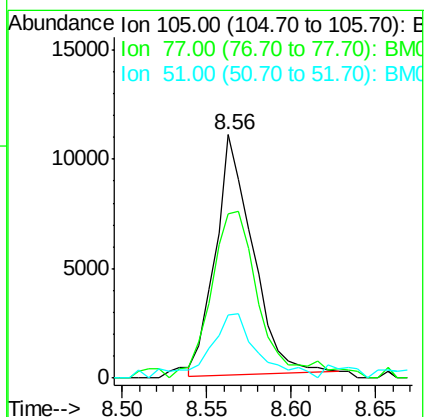
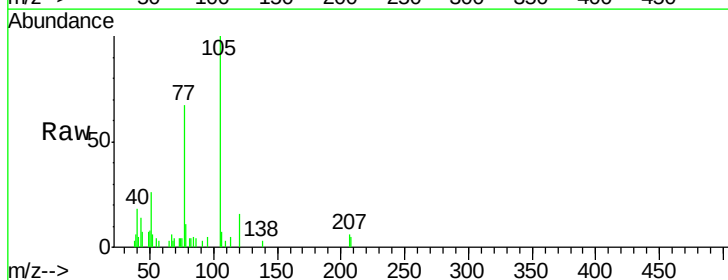
Tgt Ion: 105 Resp: 16849

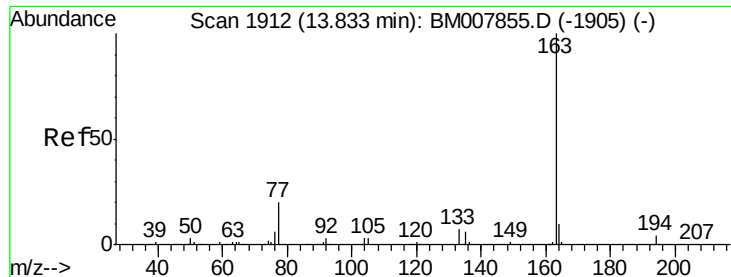
Ion Ratio Lower Upper

105 100

77 67.2 65.9 98.9

51 26.0 22.2 33.2

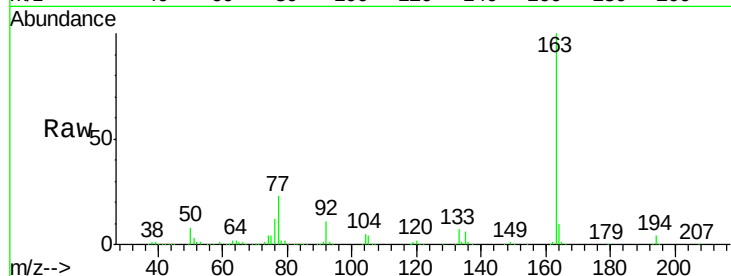




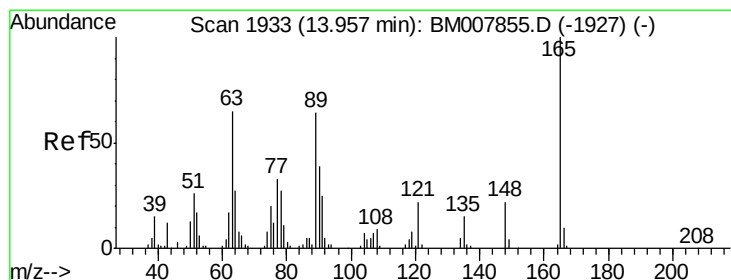
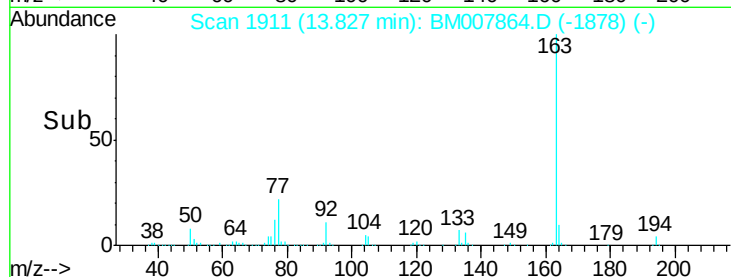
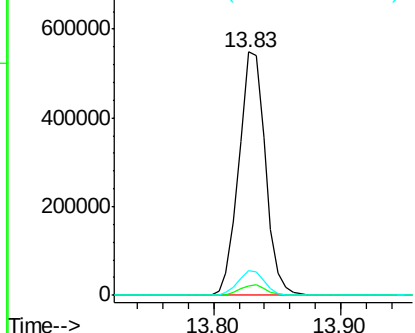
#44
Dimethylphthalate
Concen: 29.22 ng/ul
RT: 13.83 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Instrument :
BNA_M
ClientSampleId :
BD4M7

Tgt Ion:163 Resp: 795732
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.1 7.8 11.8

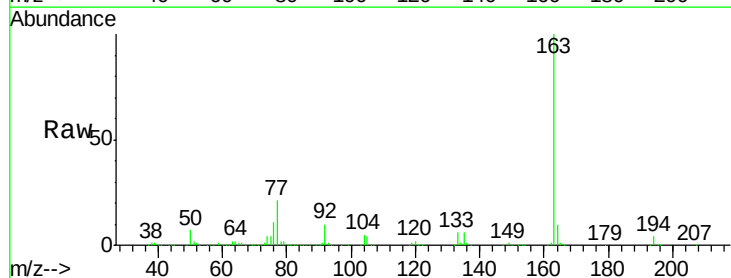


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

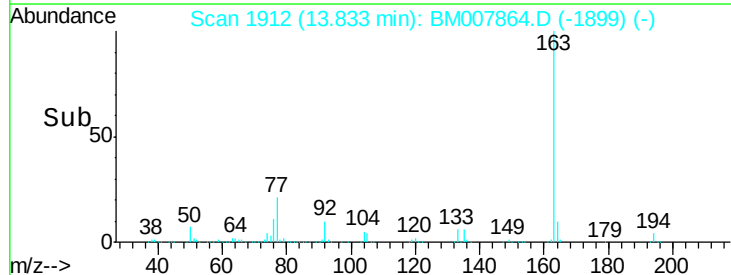
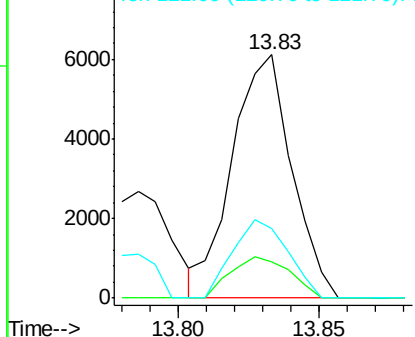


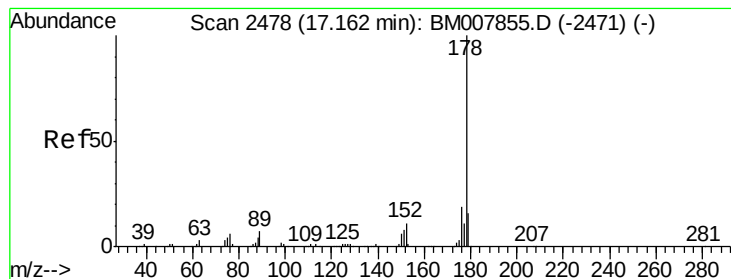
#45
2,6-Dinitrotoluene
Concen: 1.75 ng/ul
RT: 13.83 min Scan# 1912
Delta R.T. -0.12 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion:165 Resp: 8949
Ion Ratio Lower Upper
165 100
89 15.0 46.6 69.8#
121 28.3 16.0 24.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#69

Phenanthrene

Concen: 2.32 ng/ul

RT: 17.16 min Scan# 2478

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

ClientSampleId :

BD4M7

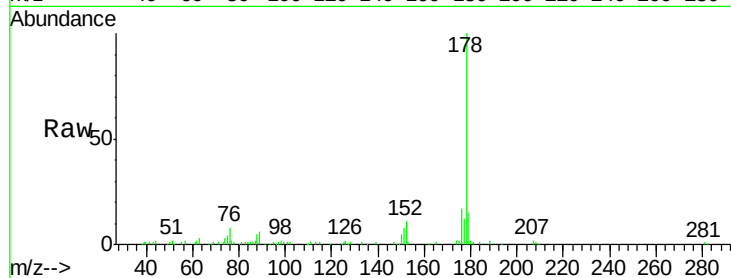
Tgt Ion:178 Resp: 106473

Ion Ratio Lower Upper

178 100

179 14.9 12.2 18.2

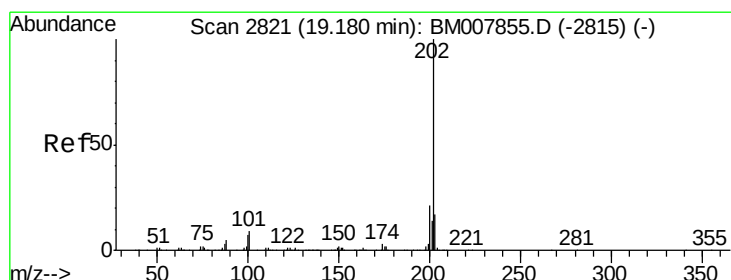
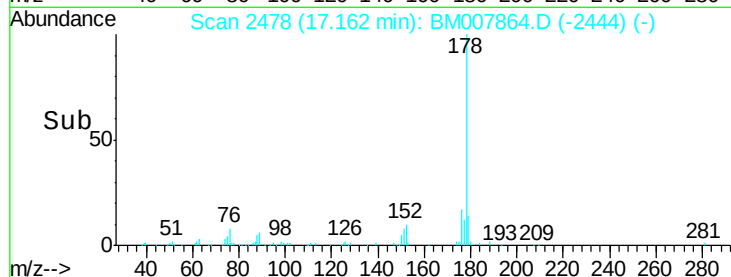
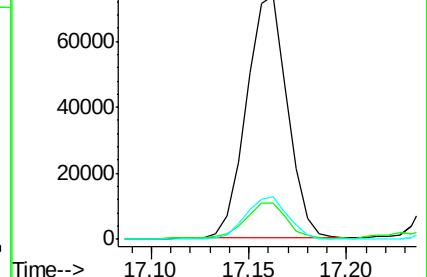
176 17.4 15.1 22.7



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: 8.61 ng/ul

RT: 19.18 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

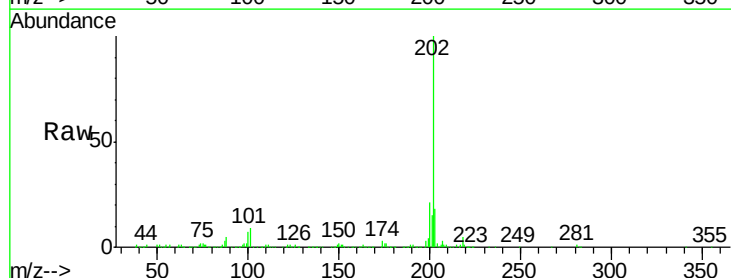
Tgt Ion:202 Resp: 462462

Ion Ratio Lower Upper

202 100

101 8.6 6.9 10.3

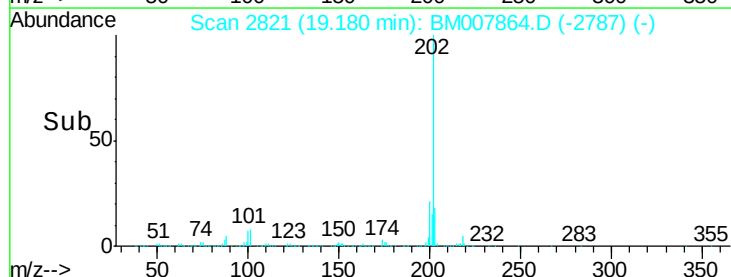
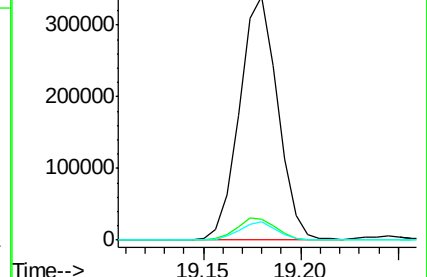
100 7.4 5.4 8.0

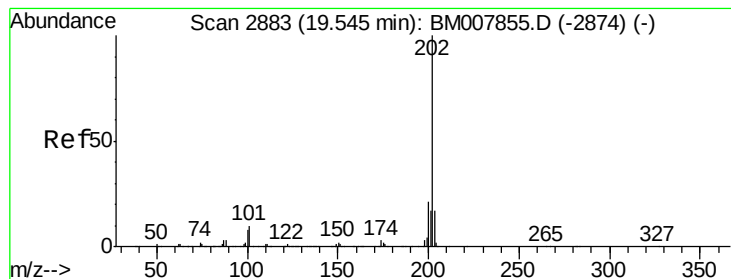


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 7.98 ng/ul

RT: 19.54 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

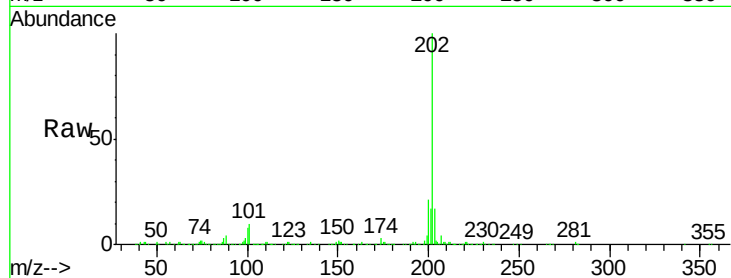
Instrument :

BNA_M

ClientSampleId :

BD4M7

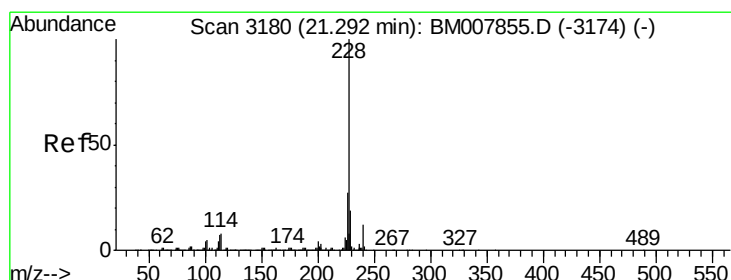
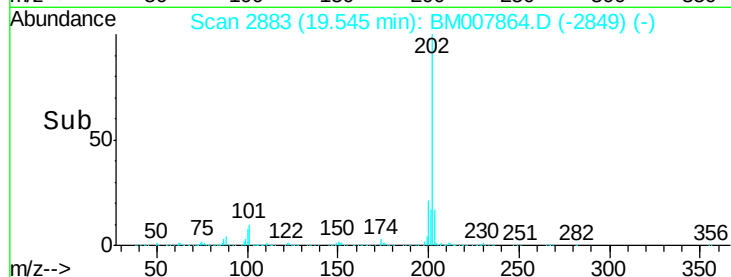
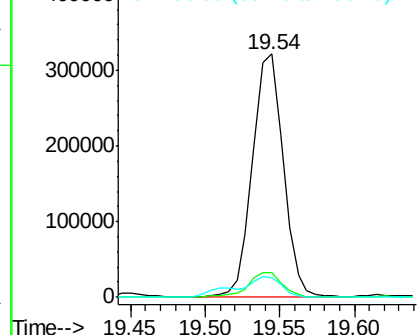
Tgt Ion:	202	Resp:	456685
Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.1	6.9	10.3



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: 6.47 ng/ul

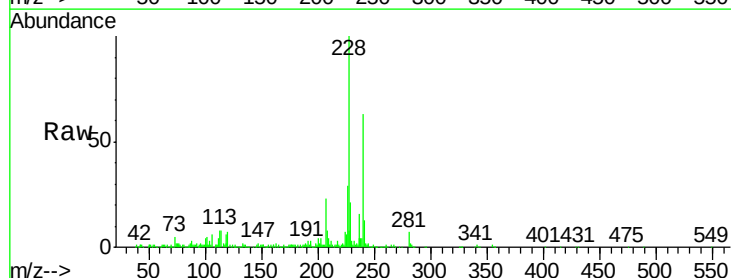
RT: 21.29 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

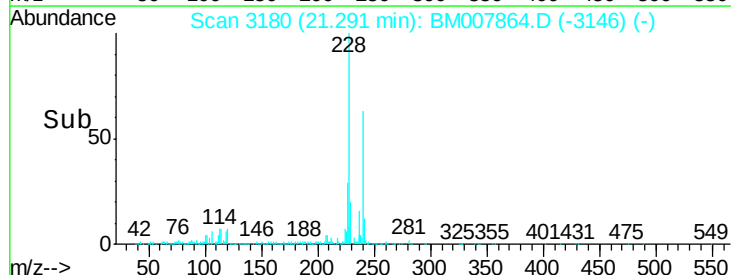
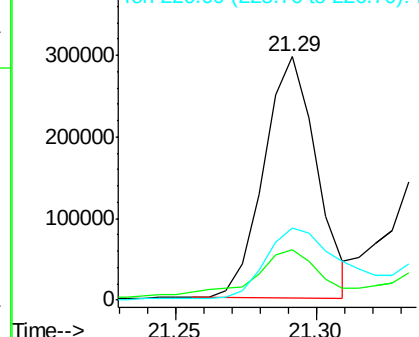
Tgt Ion:	228	Resp:	383088
Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	29.4	21.8	32.8

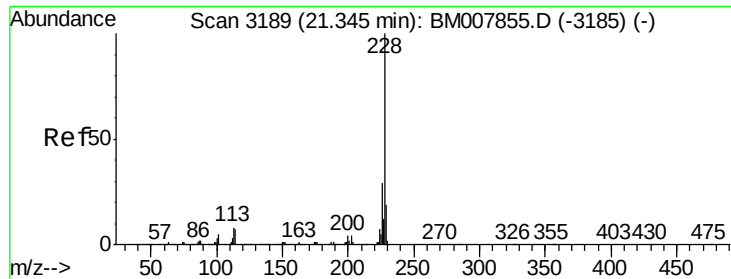


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 6.34 ng/ul

RT: 21.34 min Scan# 3189

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

ClientSampleId :

BD4M7

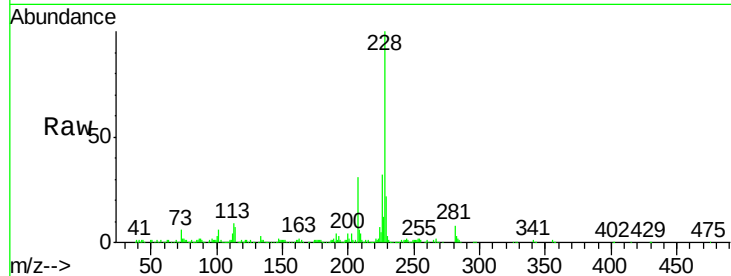
Tgt Ion: 228 Resp: 360581

Ion Ratio Lower Upper

228 100

226 31.6 23.4 35.2

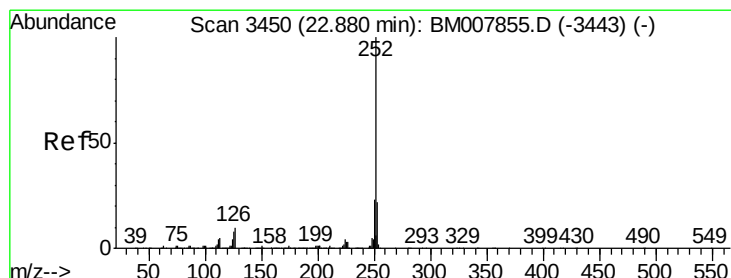
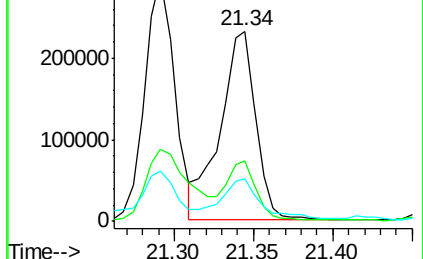
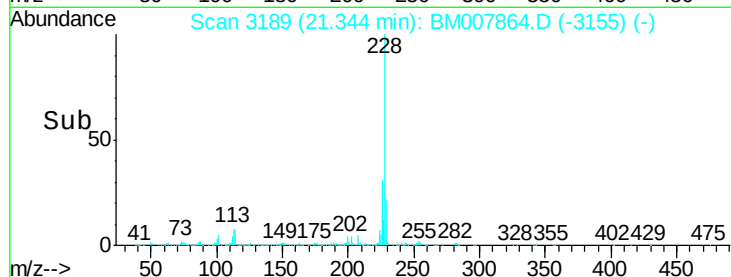
229 22.3 15.5 23.3



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: 8.47 ng/ul

RT: 22.88 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

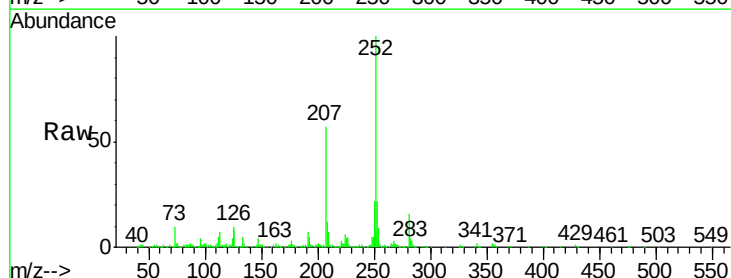
Tgt Ion: 252 Resp: 557128

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

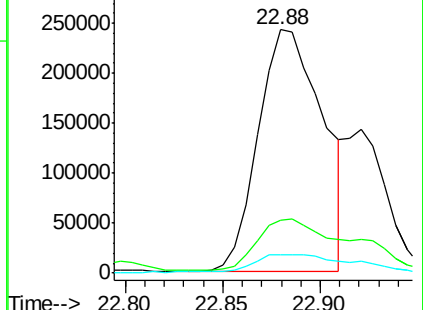
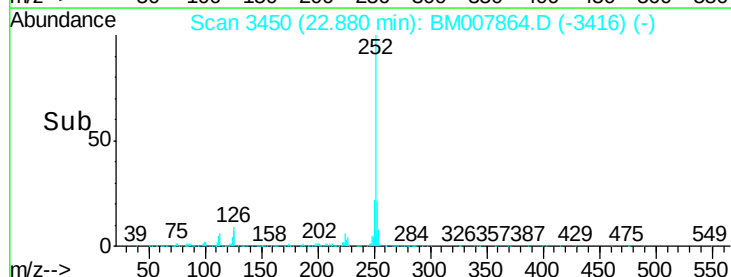
125 7.7 5.8 8.8

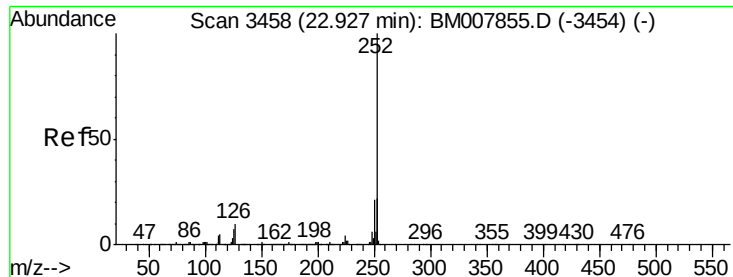


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

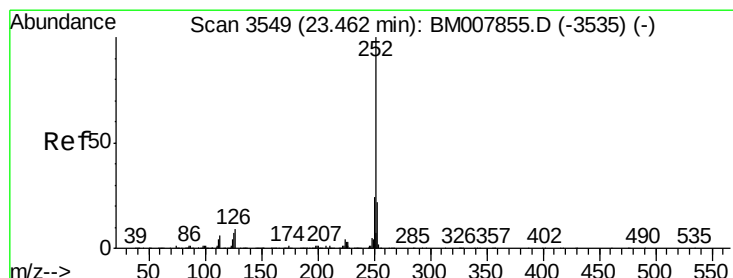
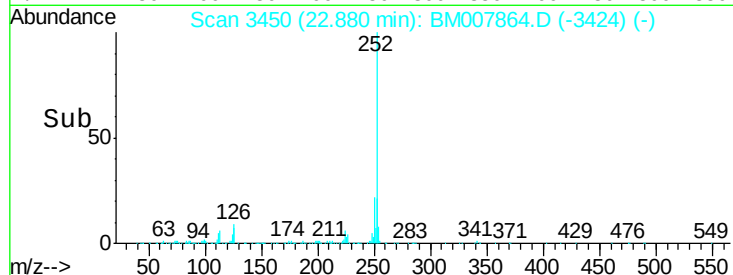
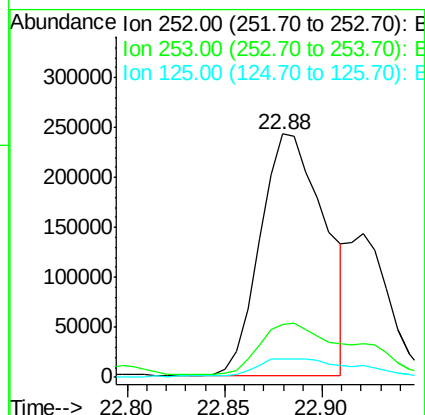
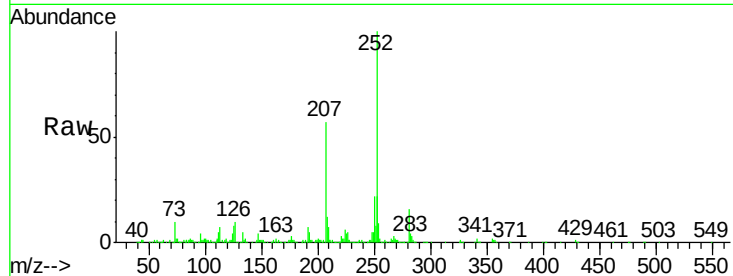




#86
Benzo(k)fluoranthene
Concen: 9.21 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.05 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

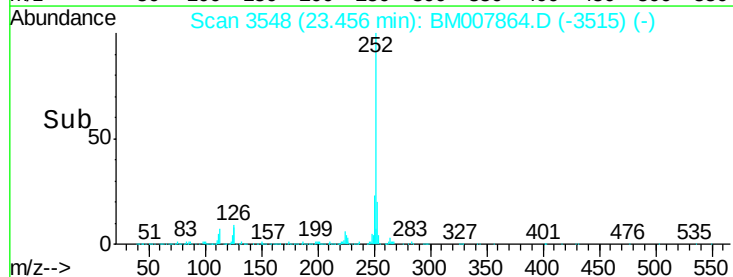
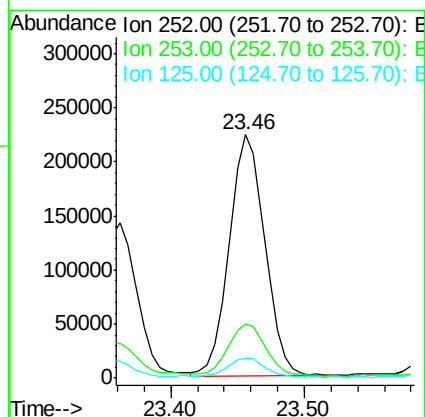
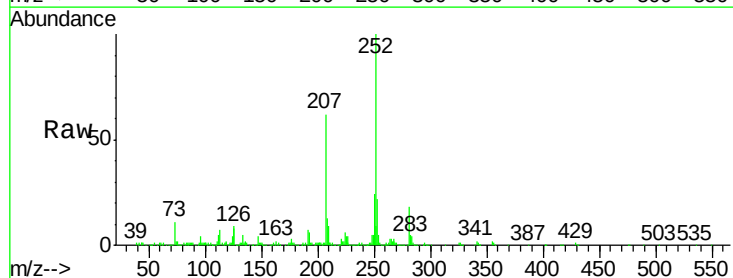
Instrument :
BNA_M
ClientSampleId :
BD4M7

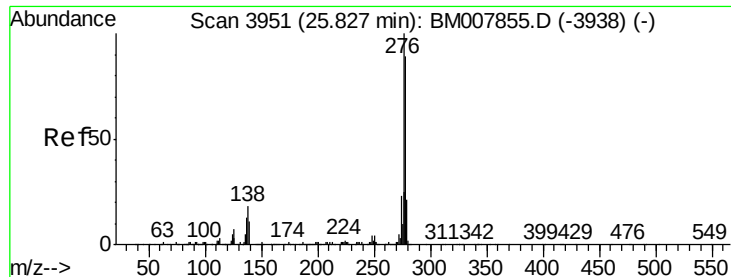
Tgt Ion:252 Resp: 557128
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 7.7 5.7 8.5



#88
Benzo(a)pyrene
Concen: 6.71 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.01 min
Lab File: BM007864.D
Acq: 14 Nov 2016 20:35

Tgt Ion:252 Resp: 415694
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.2 6.6 9.8





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.04 ng/ul

RT: 25.81 min Scan# 3949

Delta R.T. -0.01 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

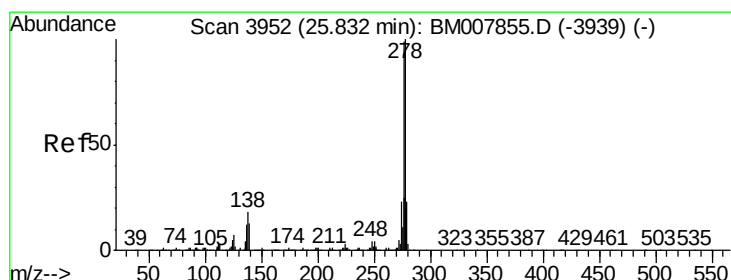
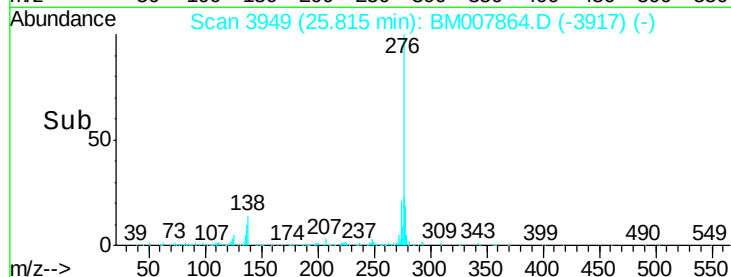
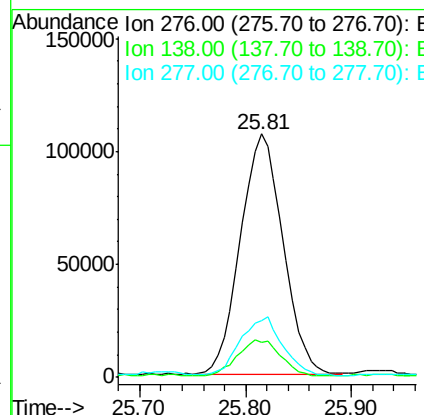
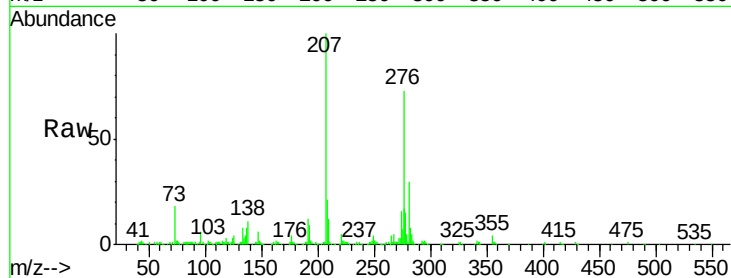
Instrument :

BNA_M

ClientSampleId :

BD4M7

Tgt Ion:	276	Resp:	299864
Ion	Ratio	Lower	Upper
276	100		
138	14.6	13.9	20.9
277	23.4	20.1	30.1



#90

Dibenzo(a,h)anthracene

Concen: 1.24 ng/ul

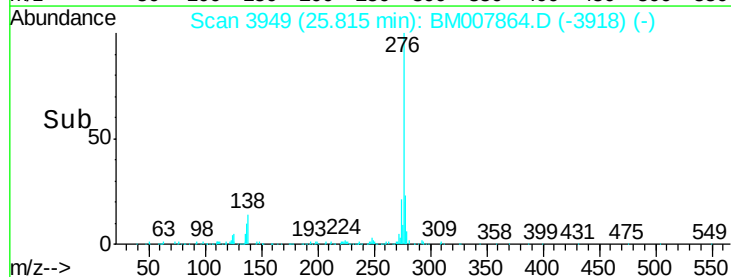
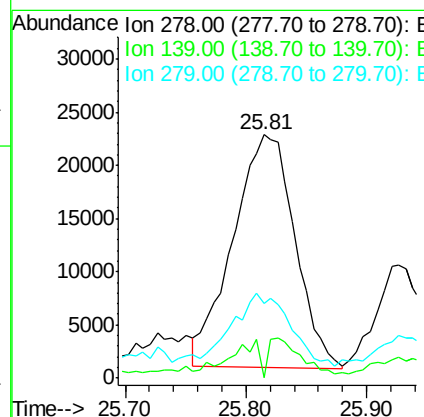
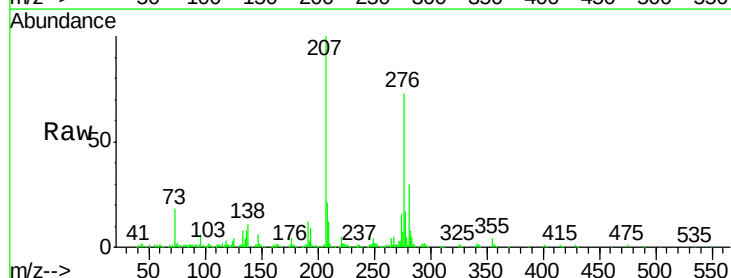
RT: 25.81 min Scan# 3949

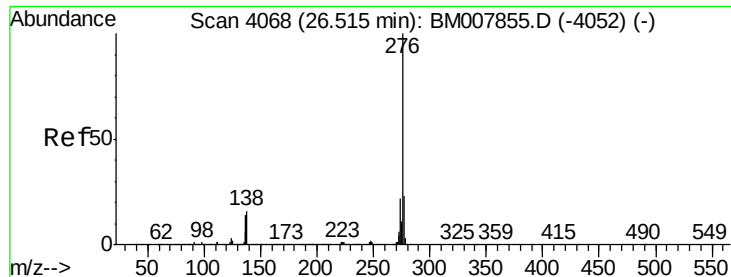
Delta R.T. -0.02 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Tgt Ion:	278	Resp:	77741
Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.5	14.3#
279	30.8	19.1	28.7#





#91

Benzo(g,h,i)perylene

Concen: 3.66 ng/ul

RT: 26.51 min Scan# 4068

Delta R.T. -0.00 min

Lab File: BM007864.D

Acq: 14 Nov 2016 20:35

Instrument :

BNA_M

ClientSampleId :

BD4M7

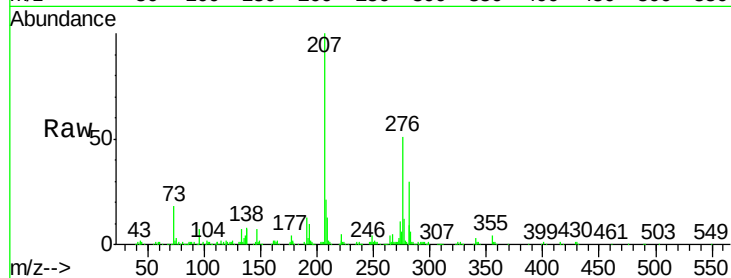
Tgt Ion: 276 Resp: 227942

Ion Ratio Lower Upper

276 100

138 15.8 13.5 20.3

277 23.9 19.3 28.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

