

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
 Data File : BM007044.D
 Acq On : 12 Aug 2016 15:25
 Operator : UM/SJ
 Sample : H4387-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P003-SS002-1218-01

Quant Time: Aug 12 23:03:27 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 12 23:03:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	353348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1420432	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	746121	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1577921	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	1753982	20.00	ng/ul	0.01
83) Perylene-d12	23.66	264	1923366	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	25976	3.21	ng/uL	0.00
5) Phenol-d5	6.97	99	576103	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	354607	21.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	486577	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	422610	17.94	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	229674	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	247880	22.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	470467	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	465267	16.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1327059	21.53	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1665660	22.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	186144	16.85	ng/ul	0.00
57) Fluorene-d10	15.44	176	1144254	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	123011	14.11	ng/ul	0.01
70) Anthracene-d10	17.29	188	1690429	23.12	ng/ul	0.00
76) Pyrene-d10	19.58	212	1820598	24.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	2000935	22.74	ng/ul	0.02

Target Compounds

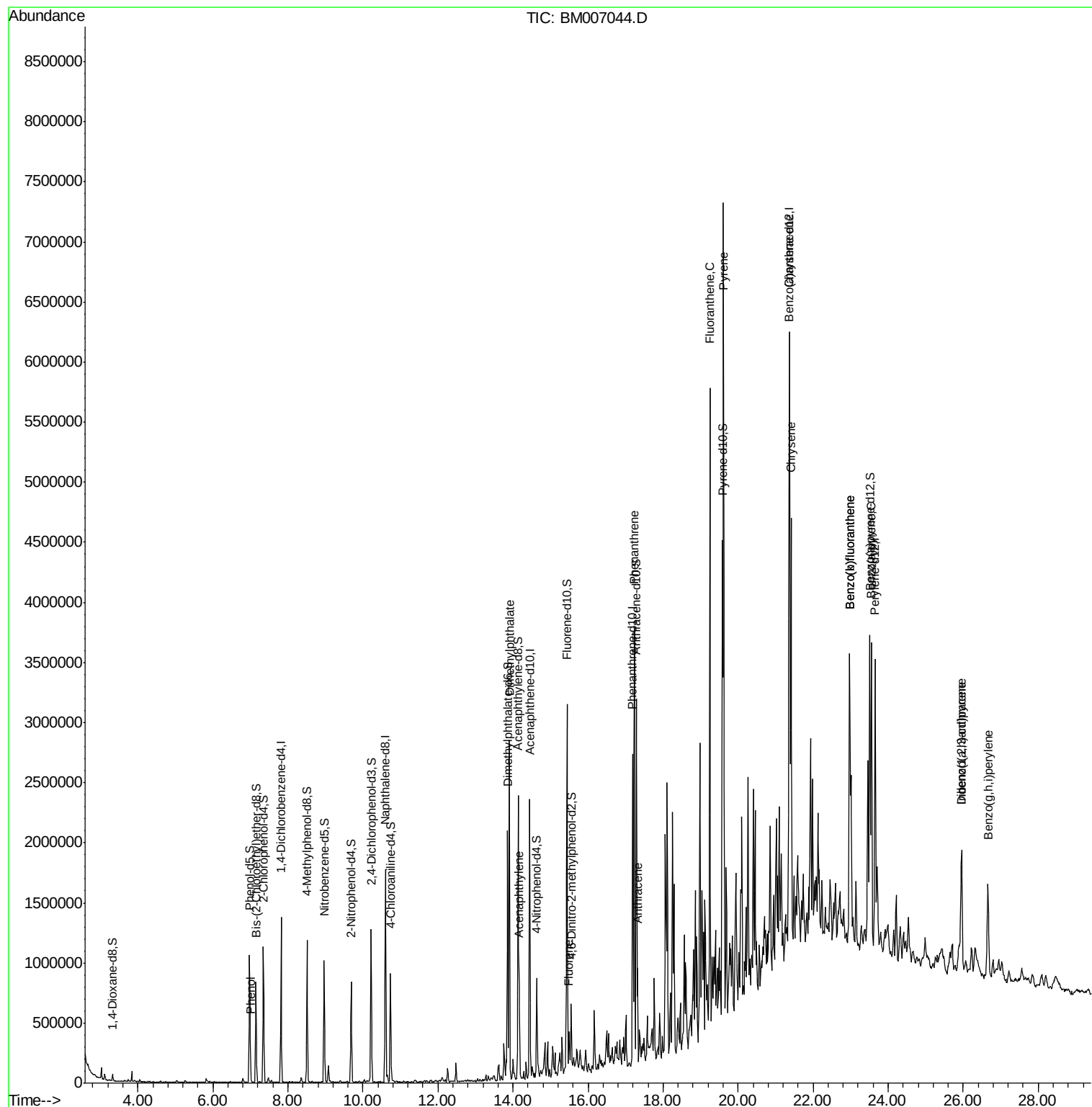
						Qvalue
6) Phenol	7.00	94	51426	1.71	ng/ul	93
44) Dimethylphthalate	13.90	163	1647464	26.74	ng/ul	99
47) Acenaphthylene	14.17	152	506517	6.64	ng/ul	99
58) Fluorene	15.49	166	153841	2.60	ng/ul	98
69) Phenanthrene	17.23	178	2218909	26.15	ng/ul	99
71) Anthracene	17.32	178	501320	5.76	ng/ul	99
74) Fluoranthene	19.24	202	3085640	29.98	ng/ul	99
77) Pyrene	19.61	202	4048078	41.74	ng/ul	100
80) Benzo(a)anthracene	21.36	228	1972886	19.04	ng/ul	93
82) Chrysene	21.41	228	2092920	22.10	ng/ul	97
85) Benzo(b)fluoranthene	22.97	252	2174699	18.77	ng/ul	96
86) Benzo(k)fluoranthene	22.97	252	2174699	19.99	ng/ul	97
88) Benzo(a)pyrene	23.56	252	1723435	15.69	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	1081991	8.04	ng/ul	98
90) Dibenzo(a,h)anthracene	25.96	278	308691	2.73	ng/ul#	88
91) Benzo(g,h,i)perylene	26.66	276	1072109	9.42	ng/ul	97

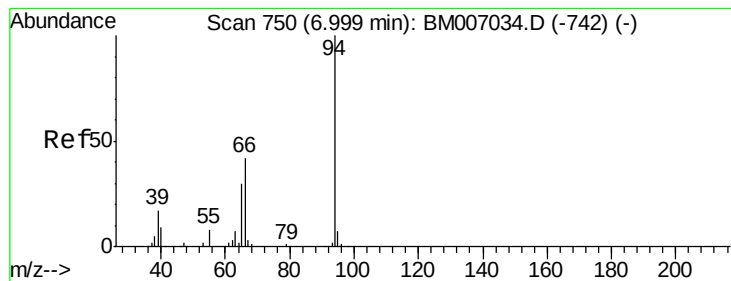
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081216\
Data File : BM007044.D
Acq On : 12 Aug 2016 15:25
Operator : UM/SJ
Sample : H4387-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS002-1218-01

Quant Time: Aug 12 23:03:27 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 12 23:03:04 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.71 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Instrument :

BNA_M

ClientSampleId :

P003-SS002-1218-01

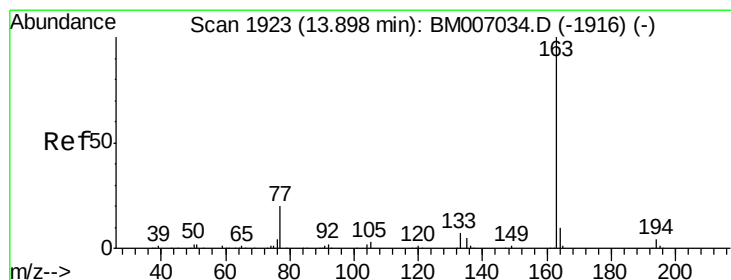
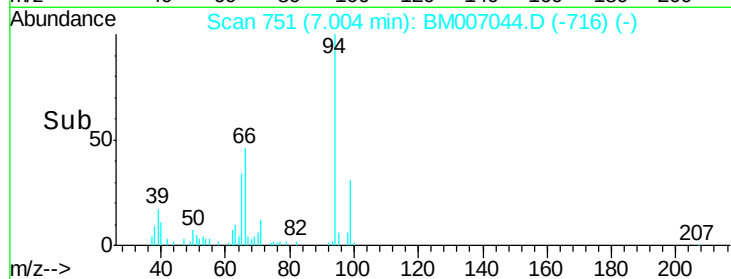
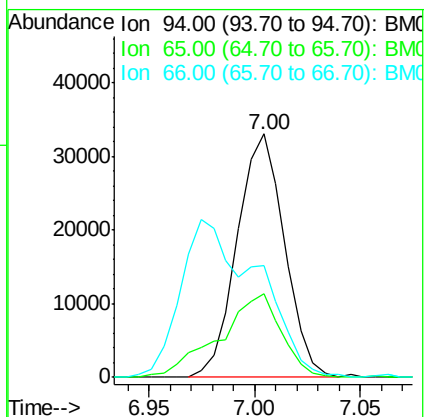
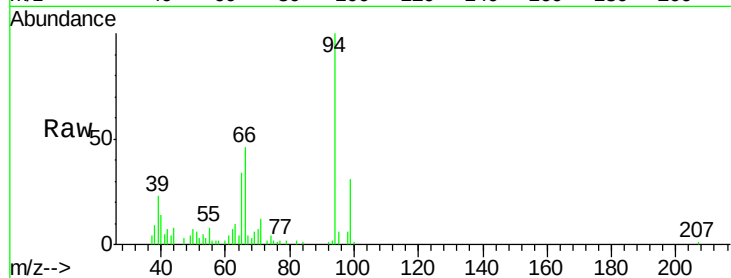
Tgt Ion: 94 Resp: 51426

Ion Ratio Lower Upper

94 100

65 34.4 23.9 35.9

66 46.1 33.5 50.3



#44

Dimethylphthalate

Concen: 26.74 ng/ul

RT: 13.90 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

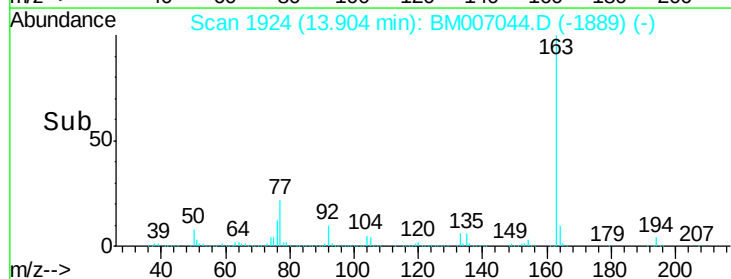
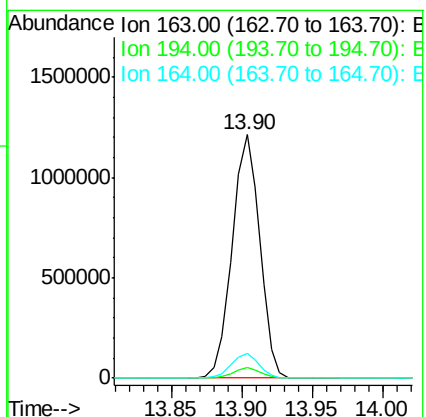
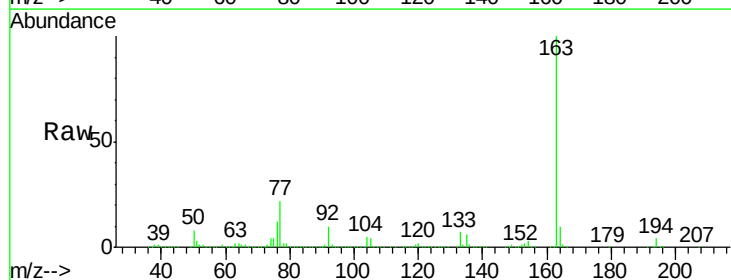
Tgt Ion: 163 Resp: 1647464

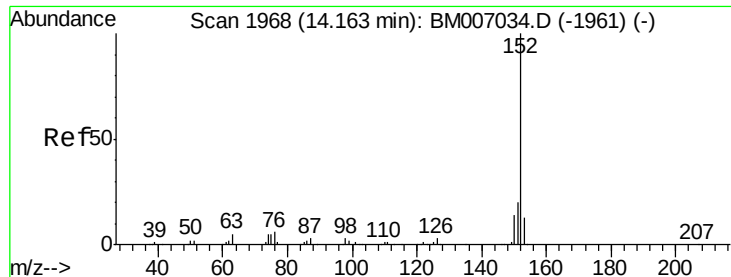
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.1 7.8 11.8





#47

Acenaphthylene

Concen: 6.64 ng/ul

RT: 14.17 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

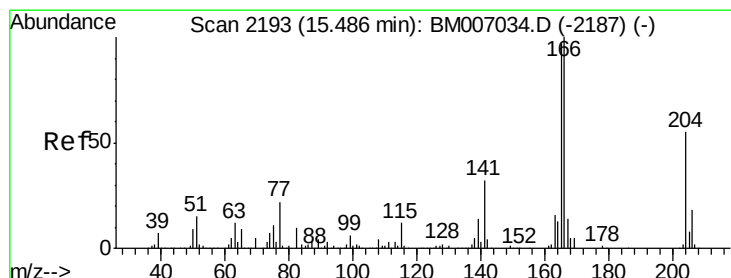
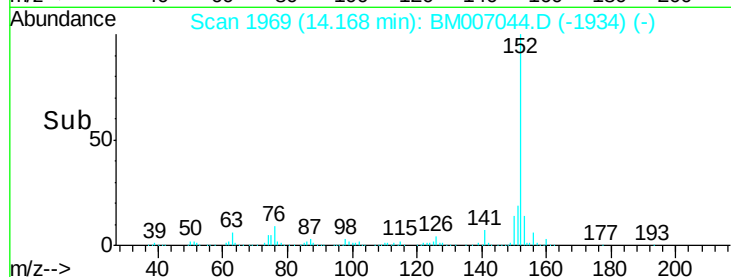
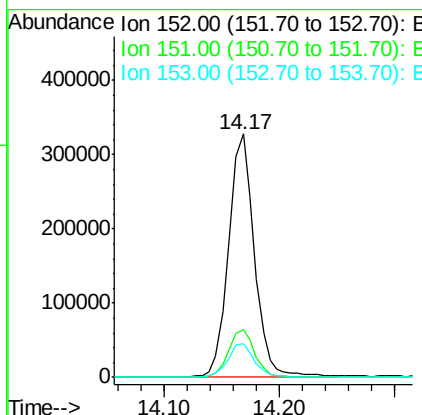
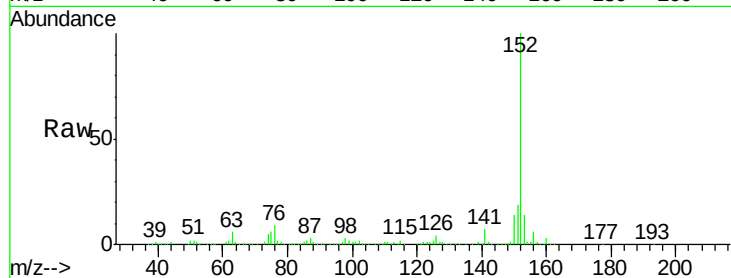
Instrument :

BNA_M

ClientSampleId :

P003-SS002-1218-01

Tgt Ion:	152	Resp:	506517
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.0	24.0
153	14.0	11.0	16.6



#58

Fluorene

Concen: 2.60 ng/ul

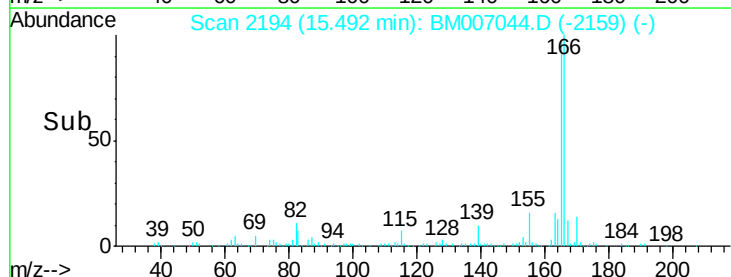
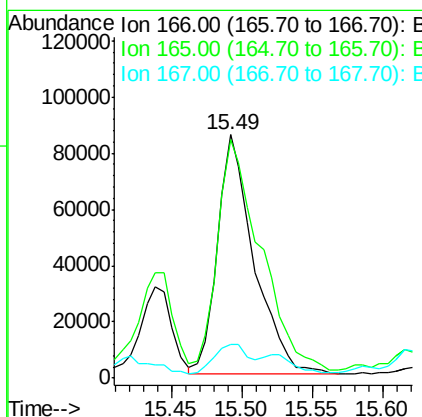
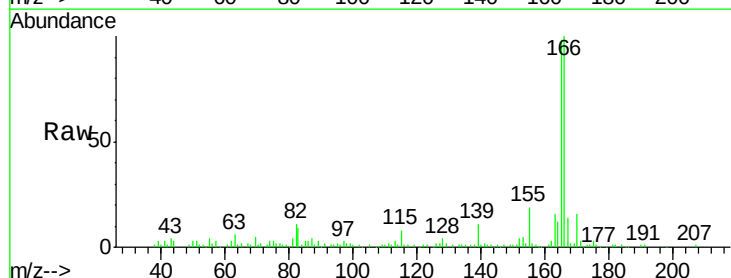
RT: 15.49 min Scan# 2194

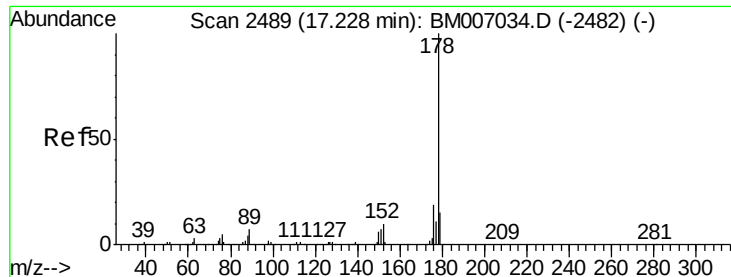
Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Tgt Ion:	166	Resp:	153841
Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.9	119.9
167	14.1	10.5	15.7





#69

Phenanthrene

Concen: 26.15 ng/ul

RT: 17.23 min Scan# 2490

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

Instrument :

BNA_M

ClientSampleId :

P003-SS002-1218-01

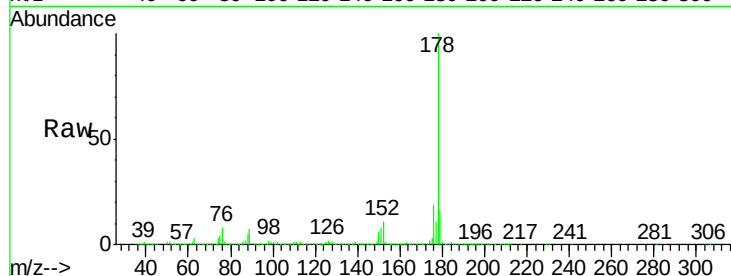
Tgt Ion:178 Resp: 2218909

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.2

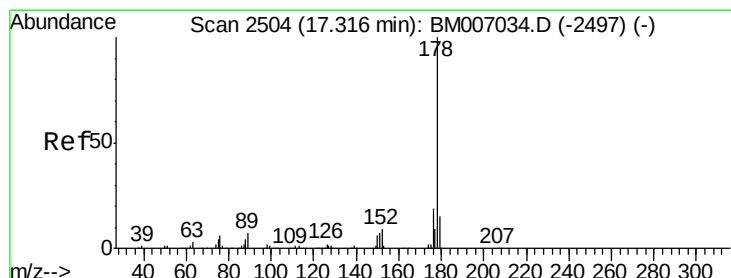
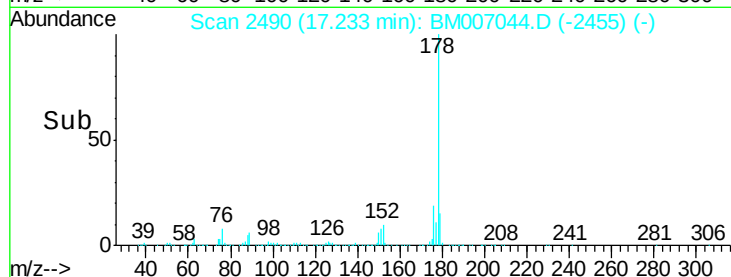
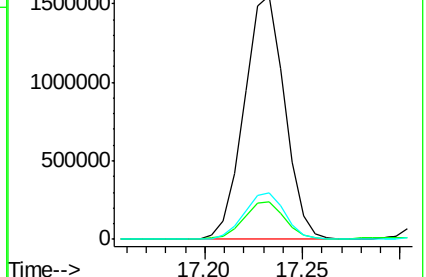
176 19.3 15.1 22.7



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



#71

Anthracene

Concen: 5.76 ng/ul

RT: 17.32 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BM007044.D

Acq: 12 Aug 2016 15:25

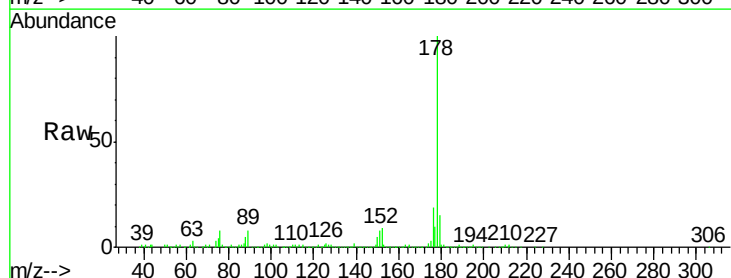
Tgt Ion:178 Resp: 501320

Ion Ratio Lower Upper

178 100

179 14.7 12.1 18.1

176 18.6 14.5 21.7



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

