

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042516\
 Data File : BM005076.D
 Acq On : 26 Apr 2016 11:45
 Operator : UM/SJ
 Sample : H2584-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7P8

Quant Time: Apr 26 12:48:32 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 26 00:45:11 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36903	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	247848	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	176496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	414774	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	483793	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	426208	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.30	96	2118	2.92	ng/uL	0.00
5) Phenol-d5	6.97	99	25758	8.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	50740	29.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	59042	24.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	48967	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	34557	20.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	59792	31.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	105265	28.93	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	405187	29.07	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	456274	27.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	14220	5.84	ng/ul	0.00
57) Fluorene-d10	15.43	176	362616	29.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	57668	24.44	ng/ul	0.00
70) Anthracene-d10	17.29	188	560974	30.16	ng/ul	0.00
76) Pyrene-d10	19.58	212	649548	29.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	554313	29.03	ng/ul	0.00

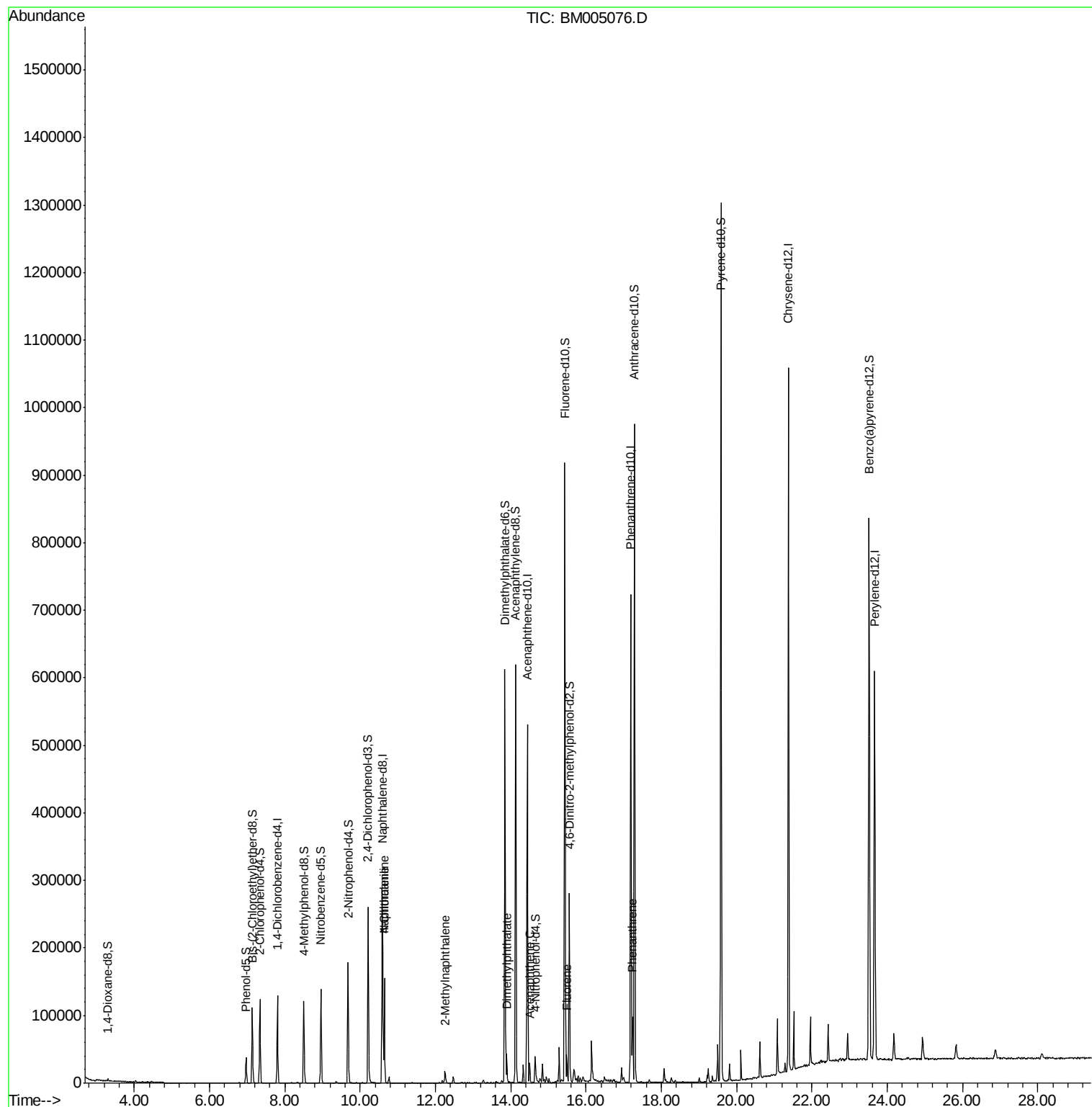
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
28) Naphthalene	10.64	128	124978	10.00	ng/ul	99
30) 4-Chloroaniline	10.64	127	16115	3.71	ng/ul#	5
34) 2-Methylnaphthalene	12.25	142	11432	1.24	ng/ul	99
44) Dimethylphthalate	13.89	163	27658	1.98	ng/ul	99
49) Acenaphthene	14.50	153	13513	1.17	ng/ul	99
58) Fluorene	15.49	166	18369	1.39	ng/ul	95
69) Phenanthrene	17.23	178	58617	2.66	ng/ul	99

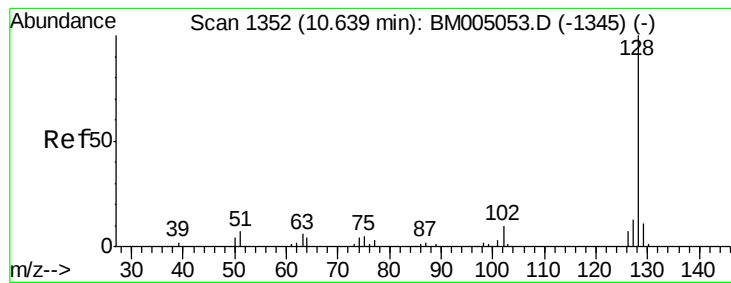
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#28

Naphthalene

Concen: 10.00 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM005076.D

Acq: 26 Apr 2016 11:45

Instrument :

BNA_M

ClientSampleId :

BC7P8

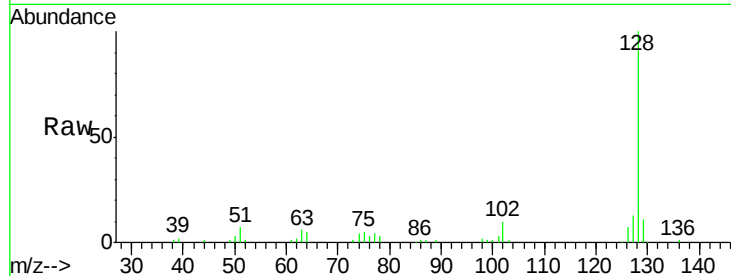
Tgt Ion:128 Resp: 124978

Ion Ratio Lower Upper

128 100

129 11.1 8.7 13.1

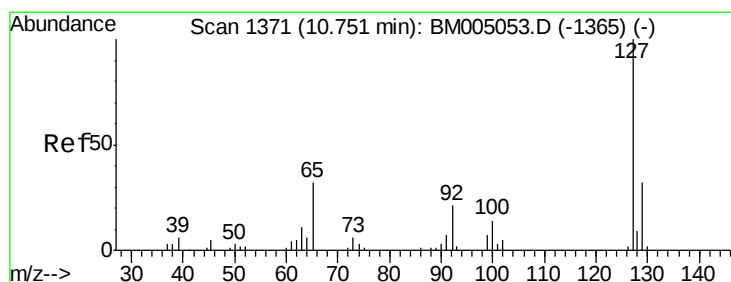
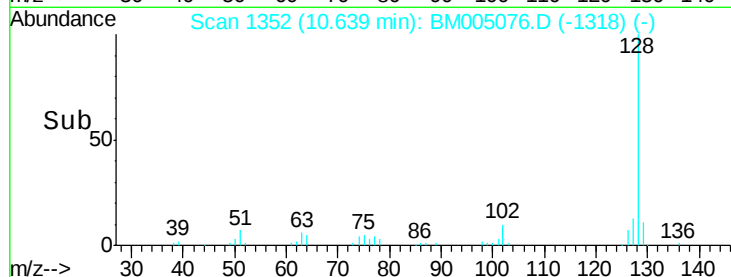
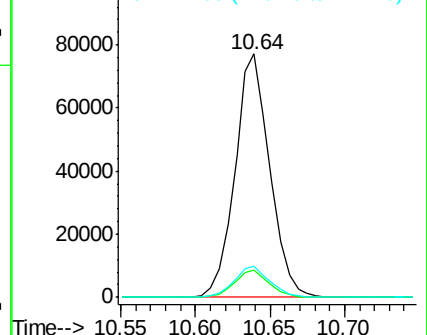
127 12.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#30

4-Chloroaniline

Concen: 3.71 ng/ul

RT: 10.64 min Scan# 1352

Delta R.T. -0.11 min

Lab File: BM005076.D

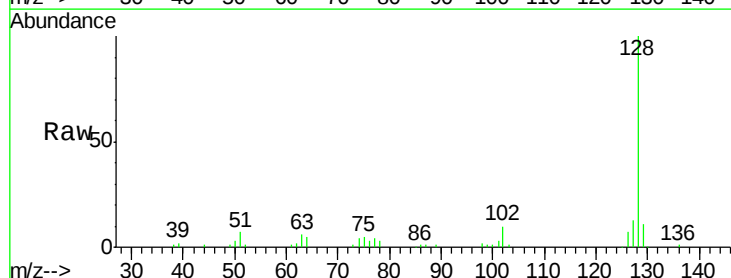
Acq: 26 Apr 2016 11:45

Tgt Ion:127 Resp: 16115

Ion Ratio Lower Upper

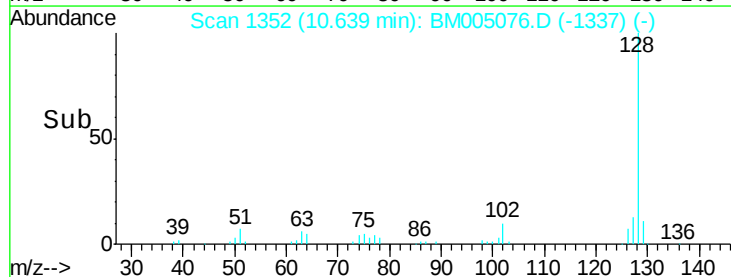
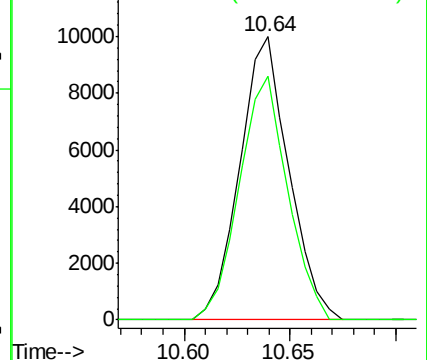
127 100

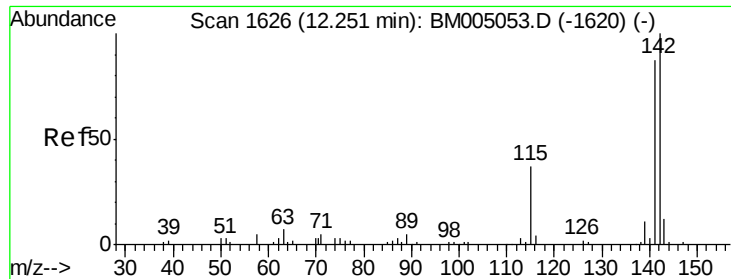
129 86.1 26.0 39.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

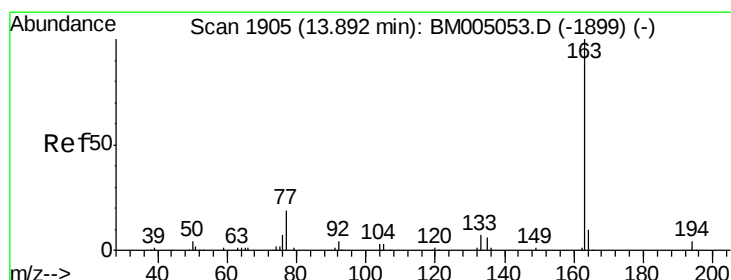
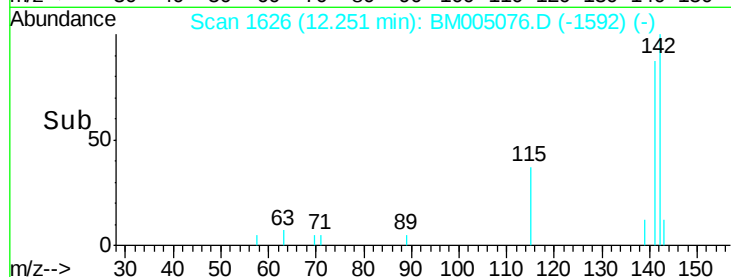
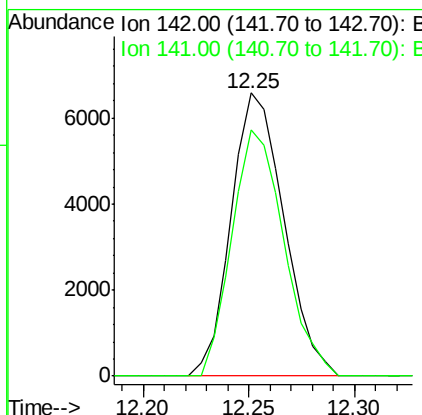
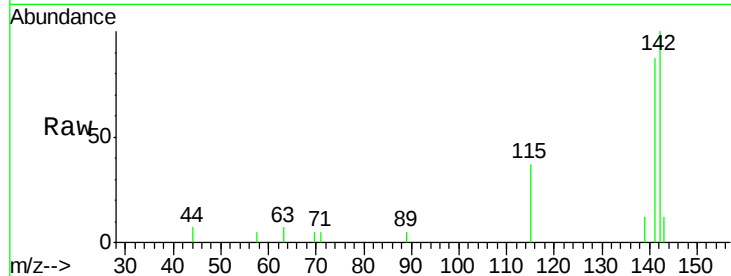




#34
 2-Methylnaphthalene
 Concen: 1.24 ng/ul
 RT: 12.25 min Scan# 1626
 Delta R.T. 0.00 min
 Lab File: BM005076.D
 Acq: 26 Apr 2016 11:45

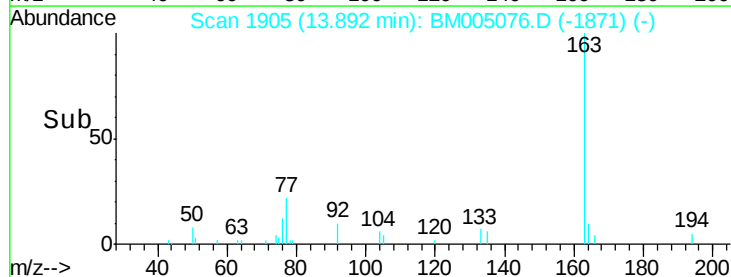
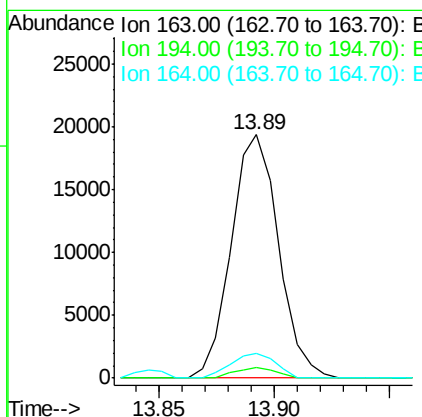
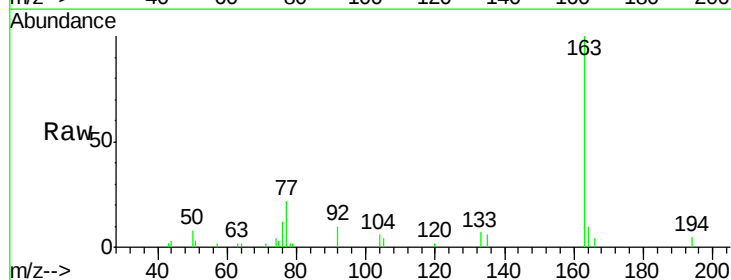
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 BC7P8

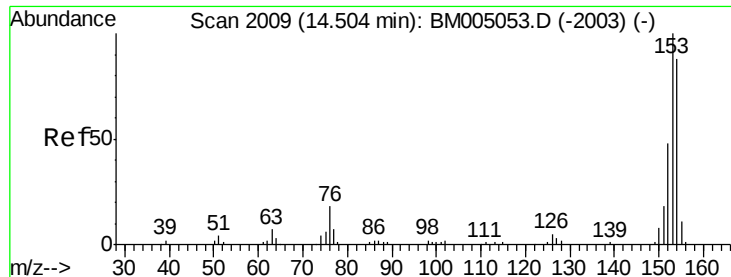
Tgt Ion:142 Resp: 11432
 Ion Ratio Lower Upper
 142 100
 141 87.1 70.3 105.5



#44
 Dimethylphthalate
 Concen: 1.98 ng/ul
 RT: 13.89 min Scan# 1905
 Delta R.T. 0.00 min
 Lab File: BM005076.D
 Acq: 26 Apr 2016 11:45

Tgt Ion:163 Resp: 27658
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.3 4.9
 164 10.0 8.2 12.2





#49

Acenaphthene

Concen: 1.17 ng/ul

RT: 14.50 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BM005076.D

Acq: 26 Apr 2016 11:45

Instrument :

BNA_M

ClientSampleId :

BC7P8

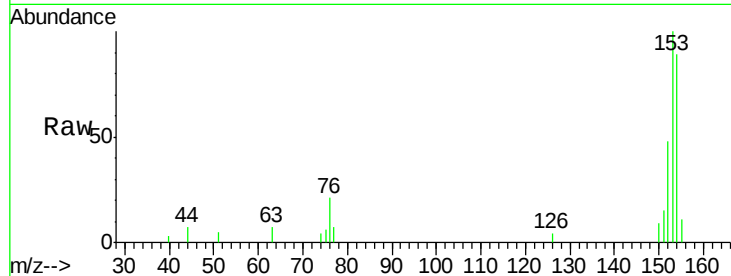
Tgt Ion:153 Resp: 13513

Ion Ratio Lower Upper

153 100

152 48.2 37.7 56.5

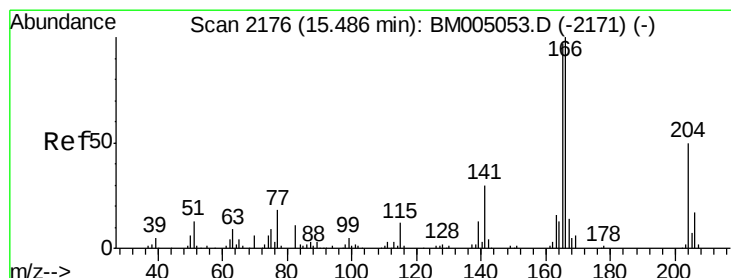
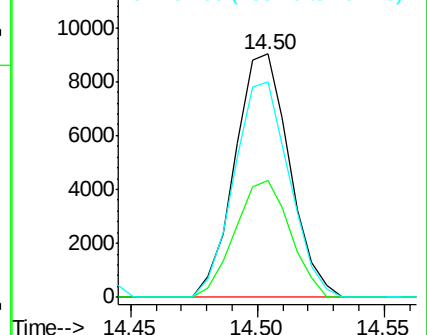
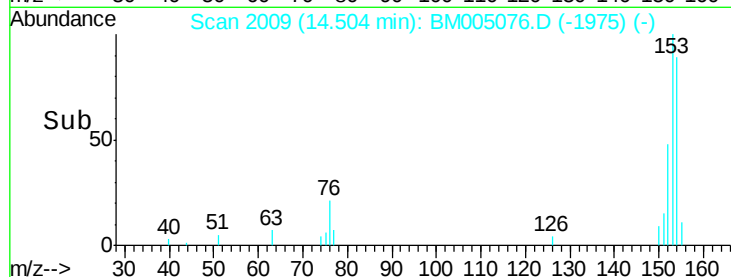
154 88.7 71.4 107.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#58

Fluorene

Concen: 1.39 ng/ul

RT: 15.49 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BM005076.D

Acq: 26 Apr 2016 11:45

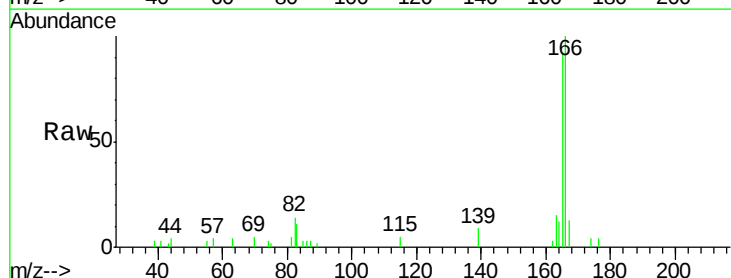
Tgt Ion:166 Resp: 18369

Ion Ratio Lower Upper

166 100

165 92.1 77.7 116.5

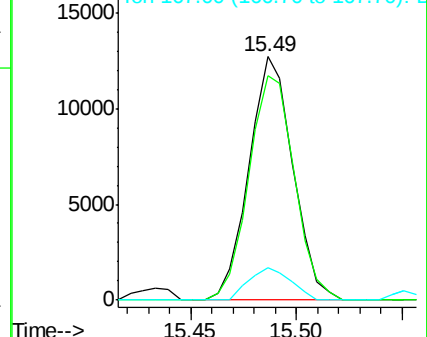
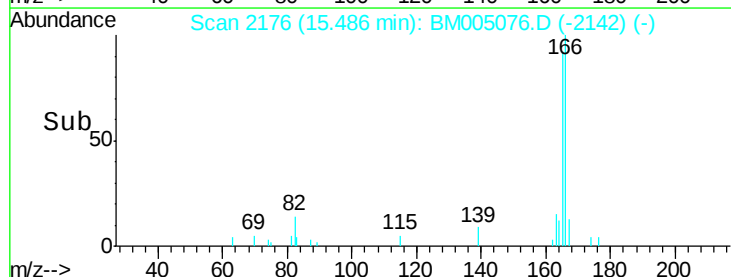
167 13.2 10.9 16.3

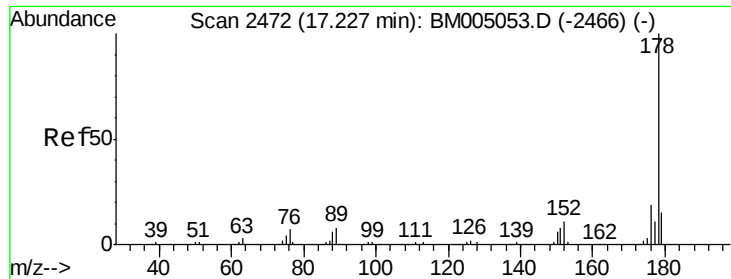


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 2.66 ng/ul

RT: 17.23 min Scan# 2472

Delta R.T. 0.00 min

Lab File: BM005076.D

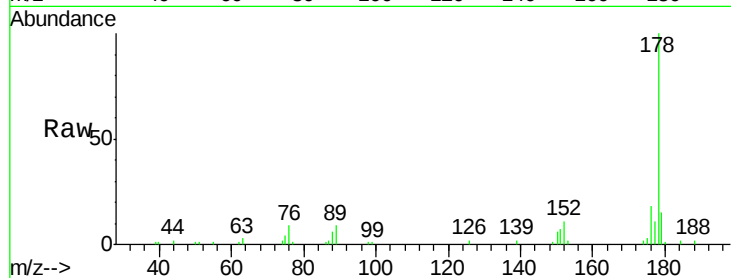
Acq: 26 Apr 2016 11:45

Instrument :

BNA_M

ClientSampleId :

BC7P8



Tgt Ion:178 Resp: 58617

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

176 18.3 15.2 22.8

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

