Quantitation Report (QT Reviewed)

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 12:49:16 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						
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	
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						Qvalue
28) Naphthalene	10.64	128	124978	10.00	ng/ul	99
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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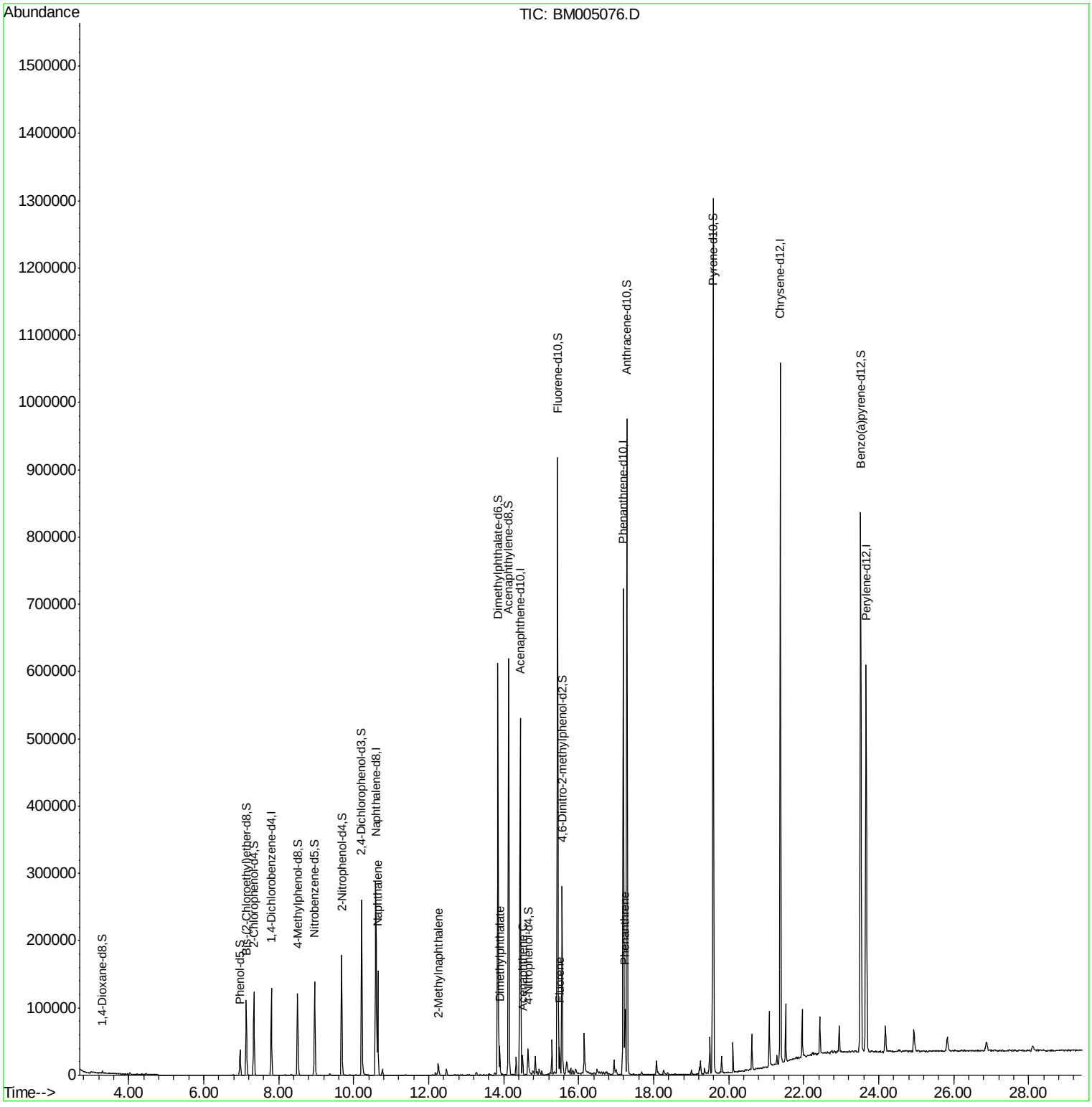
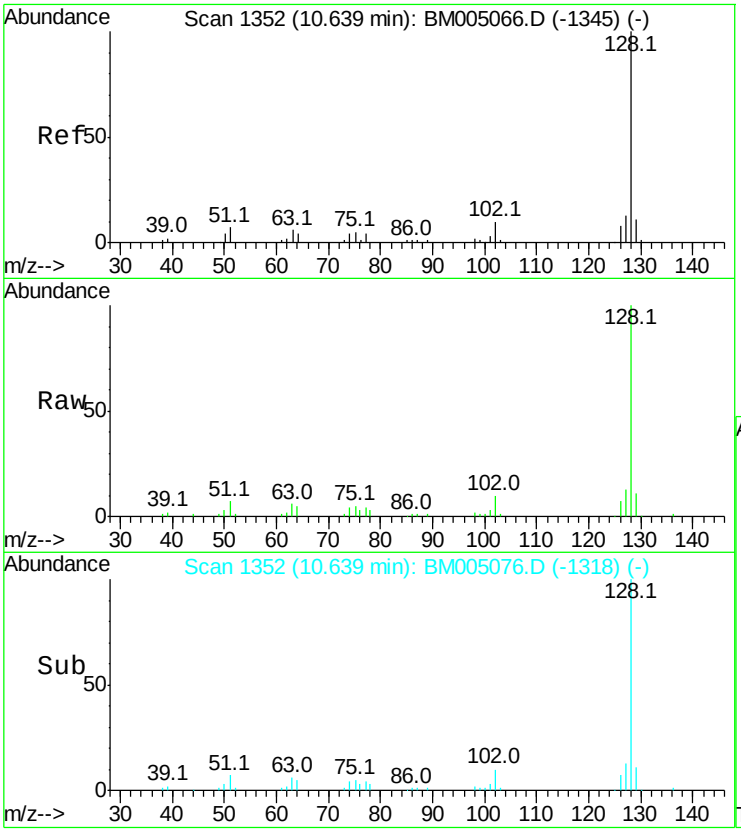


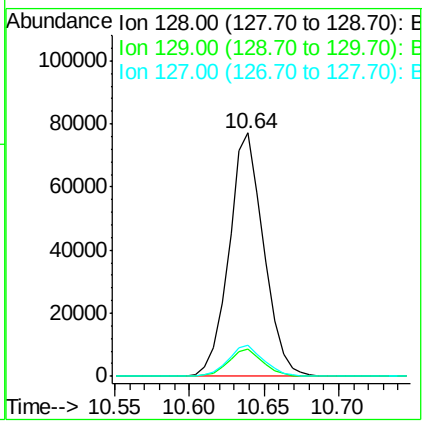


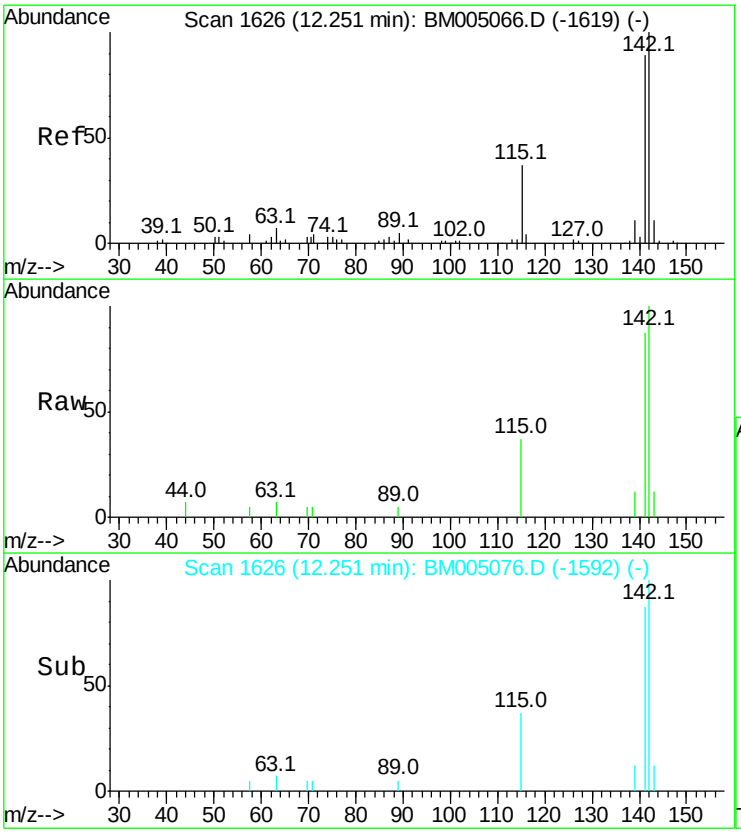
#28
Naphthalene
Concen: 10.00 ng/ul
RT: 10.64 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM005076.D
Acq: 26 Apr 2016 11:45

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

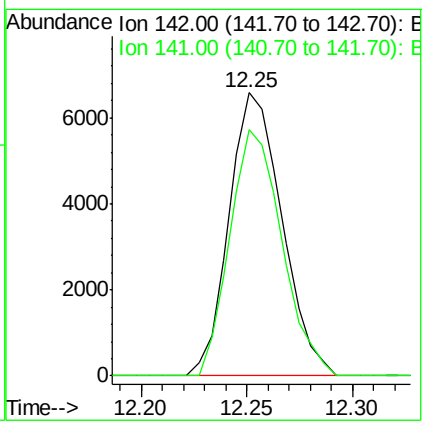


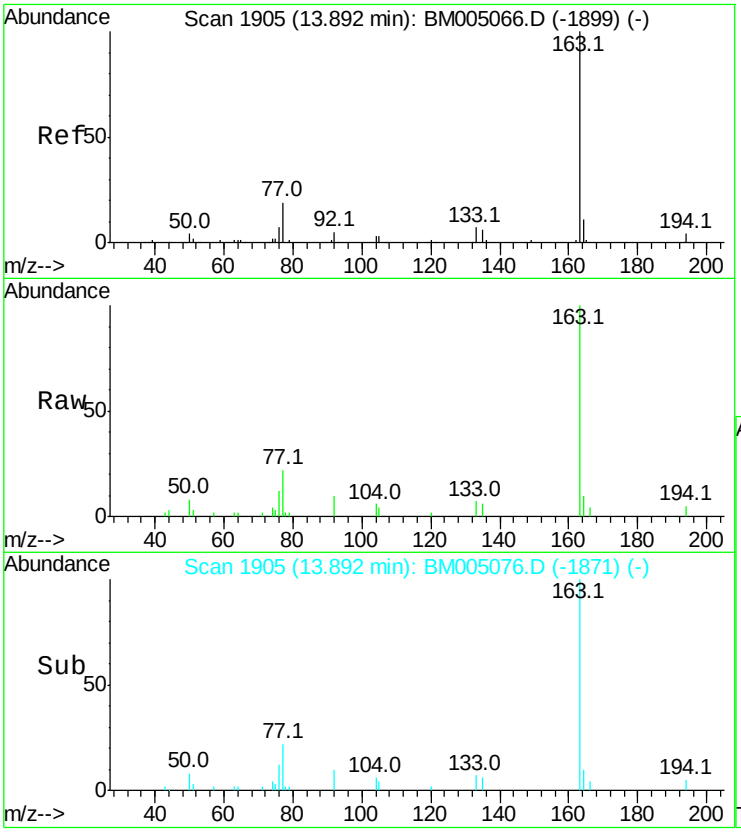


#34
2-Methylnaphthalene
Concen: 1.24 ng/ul
RT: 12.25 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BM005076.D
Acq: 26 Apr 2016 11:45

Tgt Ion:142 Resp: 11432

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.3	105.5



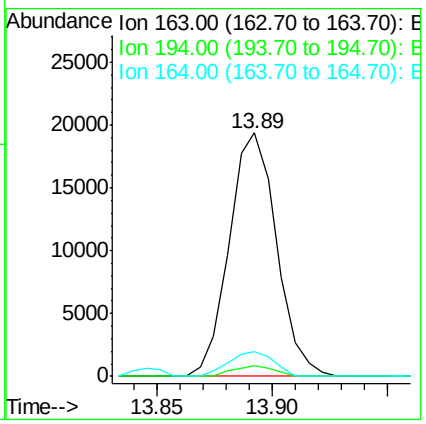


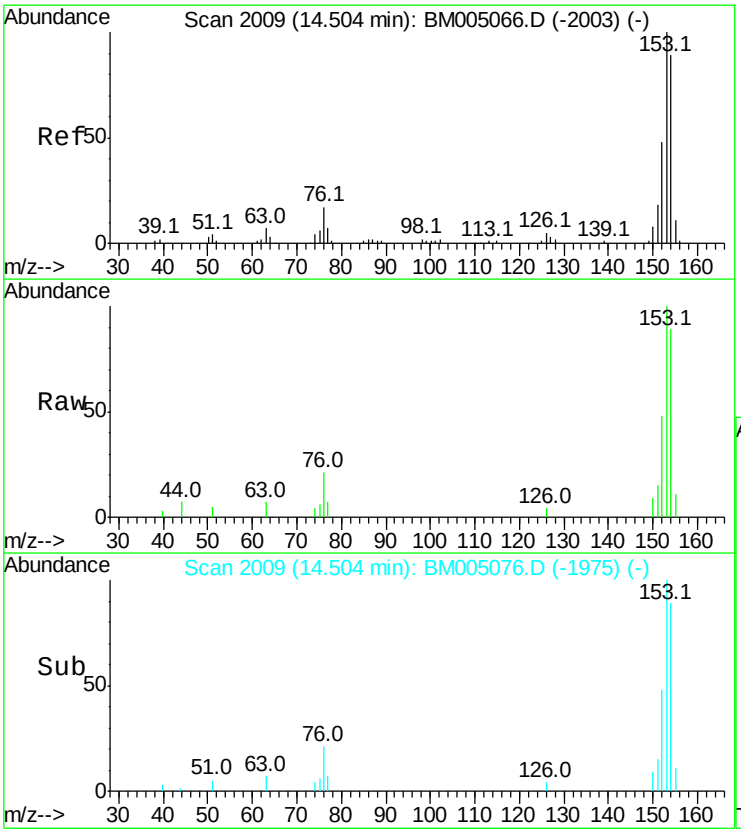
#44
Dimethylphthalate
Concen: 1.98 ng/ul
RT: 13.89 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM005076.D
Acq: 26 Apr 2016 11:45

Instrument :
BNA_M
ClientSampleId :
BC7P8

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

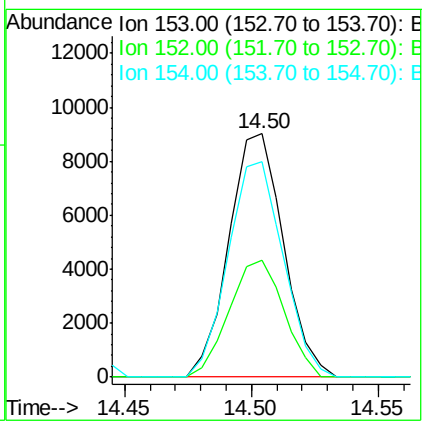


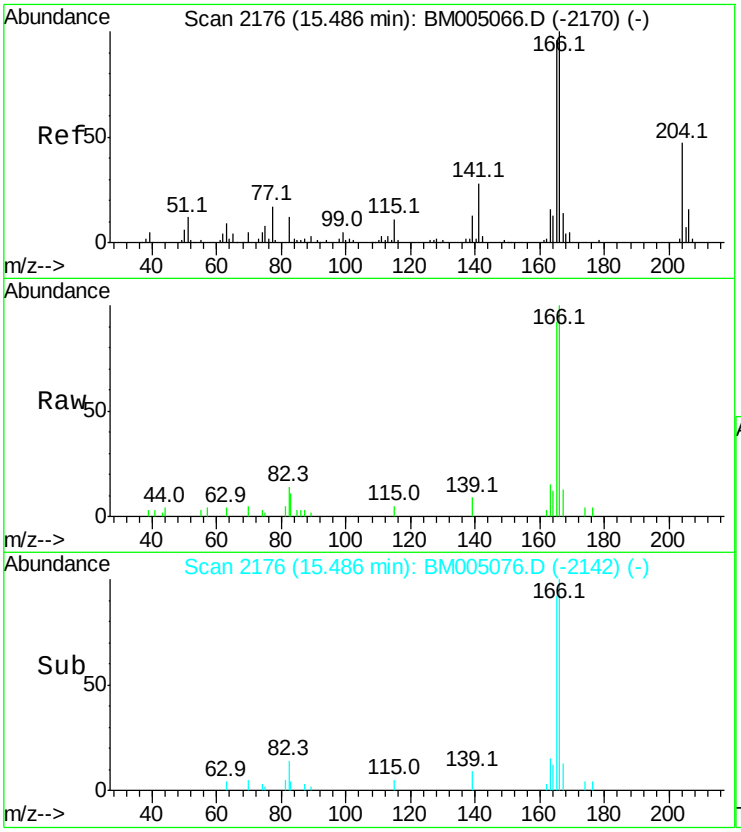


#49
Acenaphthene
Concen: 1.17 ng/ul
RT: 14.50 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BM005076.D
Acq: 26 Apr 2016 11:45

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



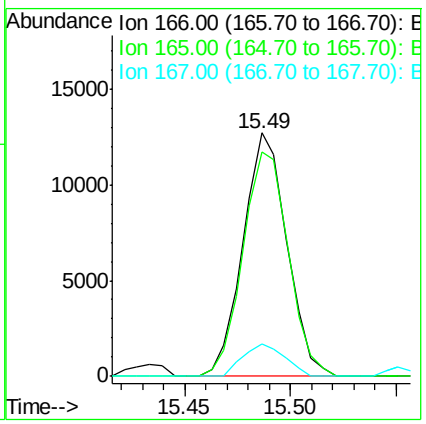


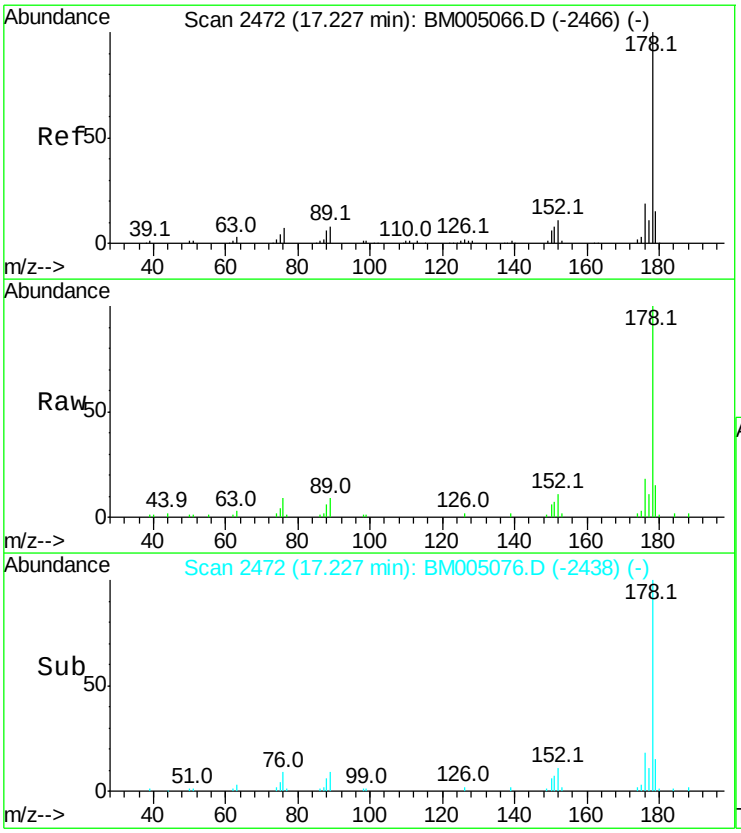
#58
Fluorene
Concen: 1.39 ng/ul
RT: 15.49 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BM005076.D
Acq: 26 Apr 2016 11:45

Instrument :
BNA_M
ClientSampleId :
BC7P8

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





#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

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