Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM042016\
Data File : BM005027.D
Acq On : 21 Apr 2016 16:49
Operator : UM/SJ
Sample : H2567-15DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC7Z1DL

Manual Integrations APPROVED
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4/21/2016 8:12:33 PM

Quant Time: Apr 27 07:02:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 22:59:24 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	44663	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	196200	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	110727	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	240471	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	280808	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	269275	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.98	99	2737	0.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	7497	4.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	8344	3.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	4849	1.84	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	4130	3.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	4050	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	8689	3.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	4963m	1.66	ng/ul	0.04
43) Dimethylphthalate-d6	13.85	166	32329	4.29	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	39128	4.24	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.44	176	31096	4.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	1165	1.12	ng/ul	0.00
70) Anthracene-d10	17.29	188	46298	4.85	ng/ul	0.00
76) Pyrene-d10	19.58	212	50398	4.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	46193	4.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.66	128	2198353	251.48	ng/ul	99
34) 2-Methylnaphthalene	12.26	142	198942	31.23	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	40852	5.14	ng/ul	99
47) Acenaphthylene	14.16	152	31135	3.17	ng/ul	98
49) Acenaphthene	14.51	153	109006	17.07	ng/ul	99
53) Dibenzofuran	14.84	168	126069	13.64	ng/ul	99
58) Fluorene	15.49	166	85013	11.96	ng/ul	99
69) Phenanthrene	17.23	178	149089	13.29	ng/ul	100
71) Anthracene	17.32	178	14527	1.28	ng/ul	97
72) Carbazole	17.59	167	157395	16.47	ng/ul	100
74) Fluoranthene	19.24	202	28520	2.47	ng/ul	99

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

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Instrument :
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ClientSampleId :
BC7Z1DL

Manual Integrations APPROVED
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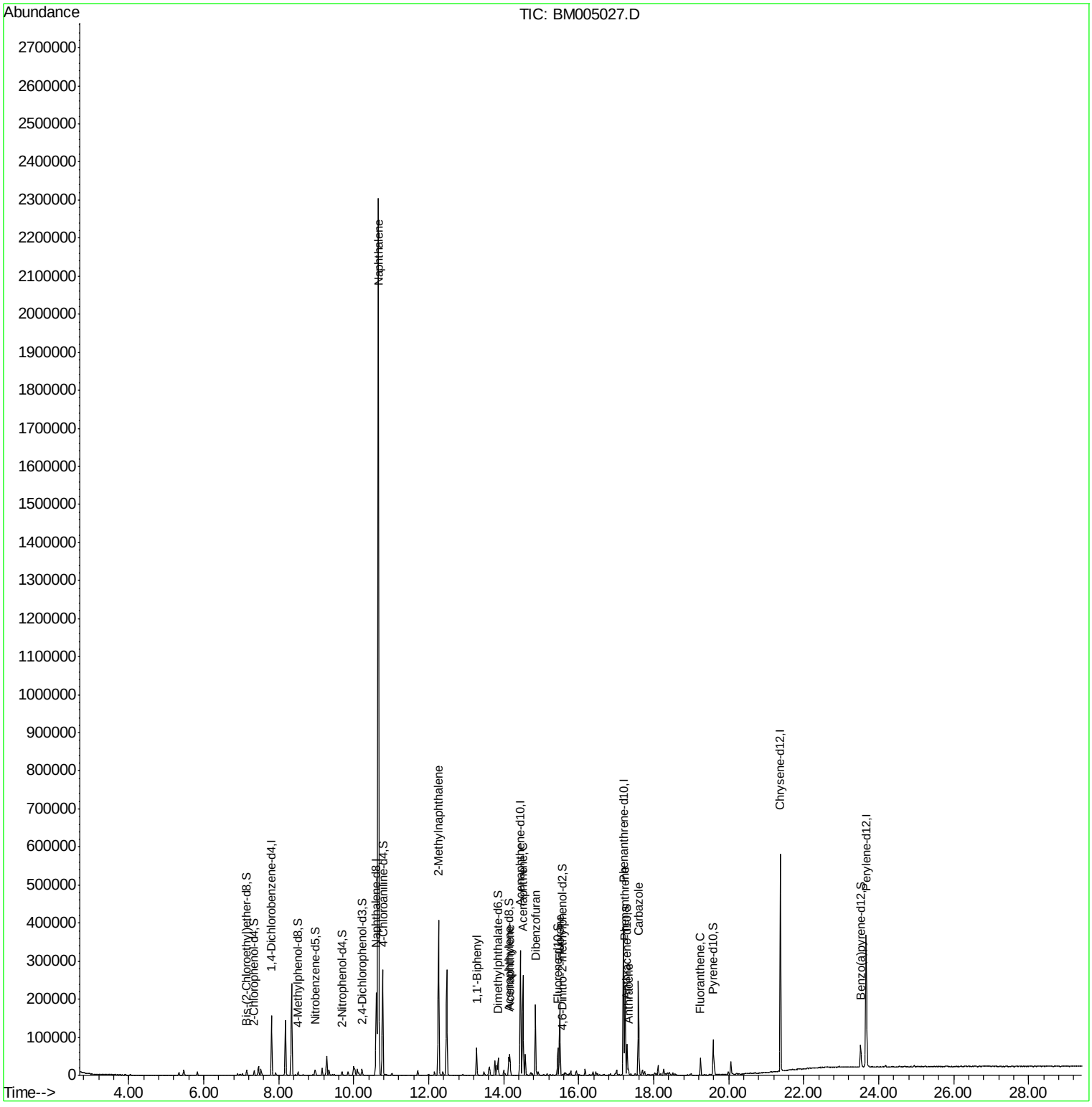
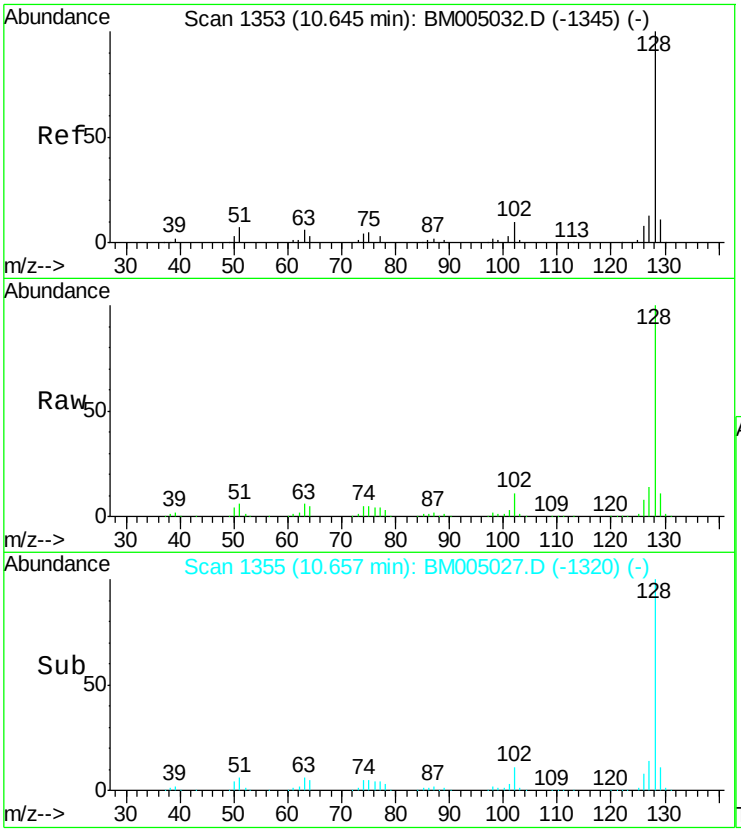
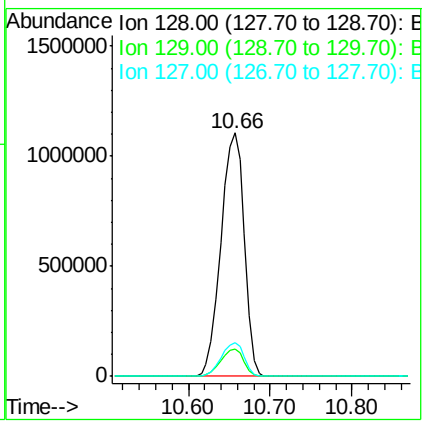




#28
Naphthalene
Concen: 251.48 ng/ul
RT: 10.66 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:128 Resp: 2198353

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.7	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
BC7Z1DL

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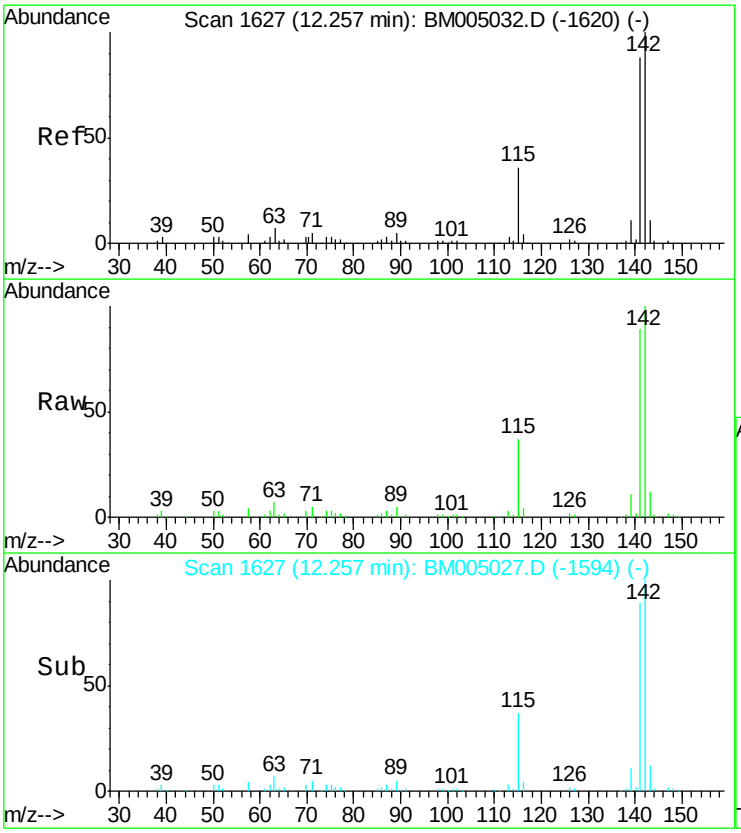
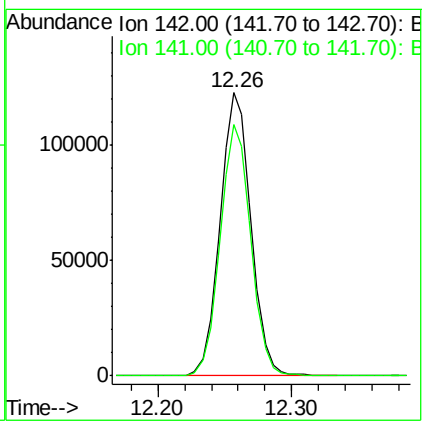
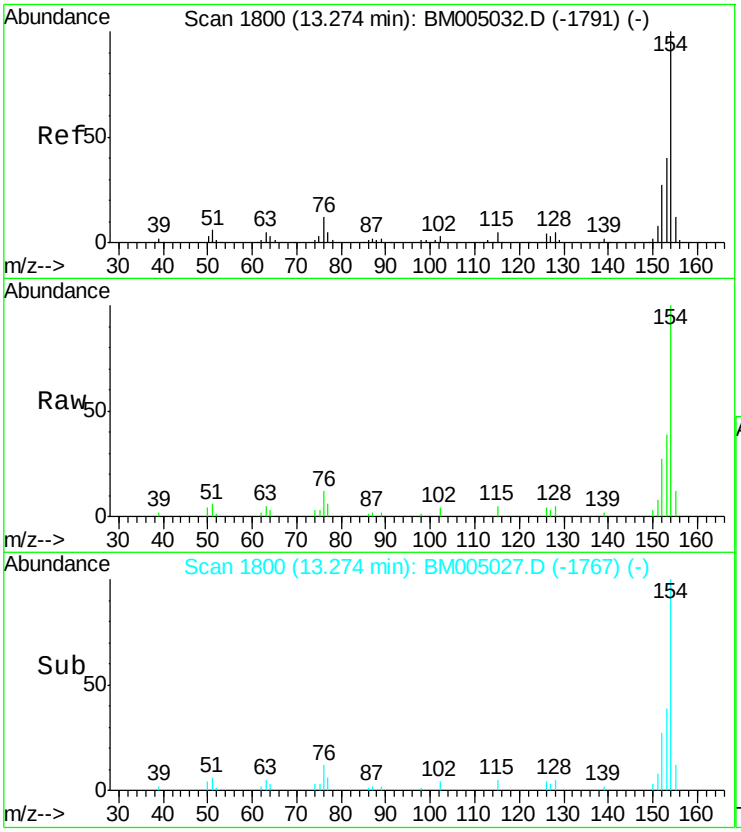


#34
2-Methylnaphthalene
Concen: 31.23 ng/ul
RT: 12.26 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:142 Resp: 198942

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5

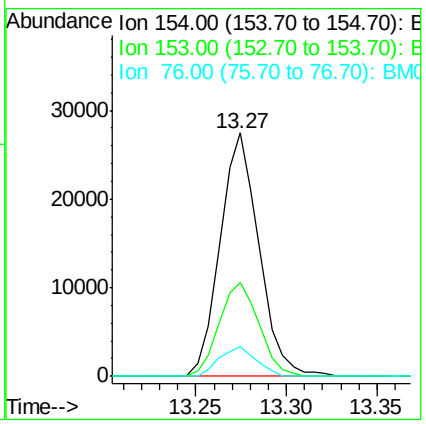




#40
1,1'-Biphenyl
Concen: 5.14 ng/ul
RT: 13.27 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:154 Resp: 40852

Ion	Ratio	Lower	Upper
154	100		
153	38.5	31.5	47.3
76	12.4	10.1	15.1



Instrument :
BNA_M
ClientSampleId :
BC7Z1DL

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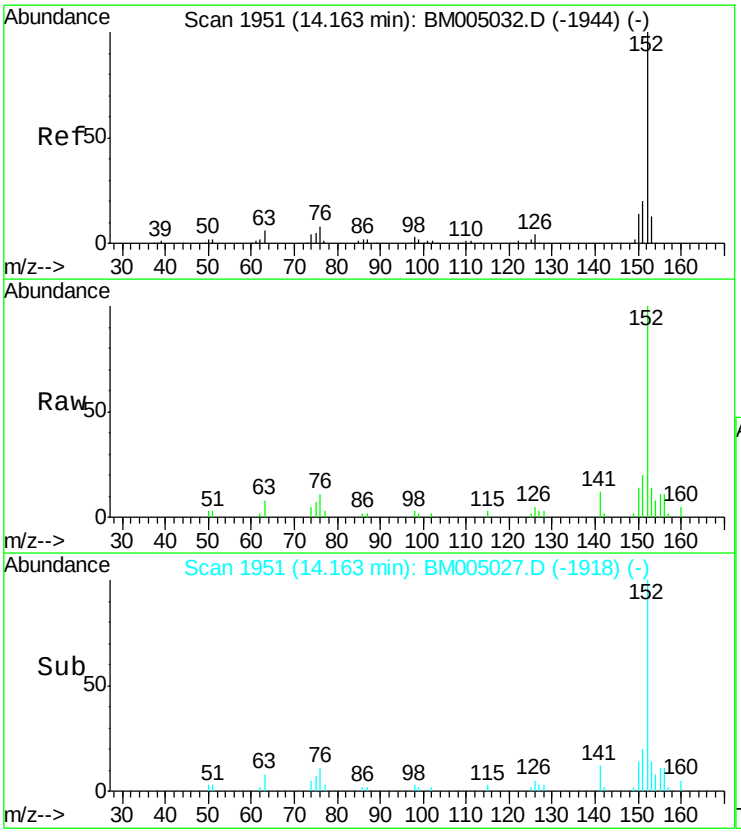
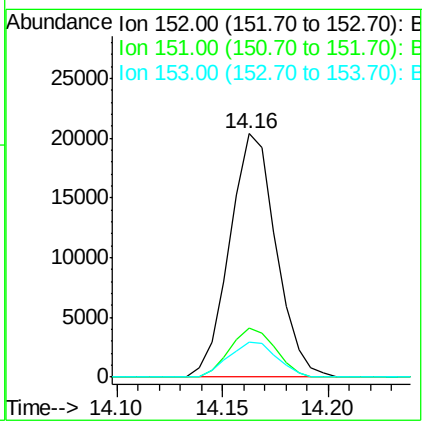
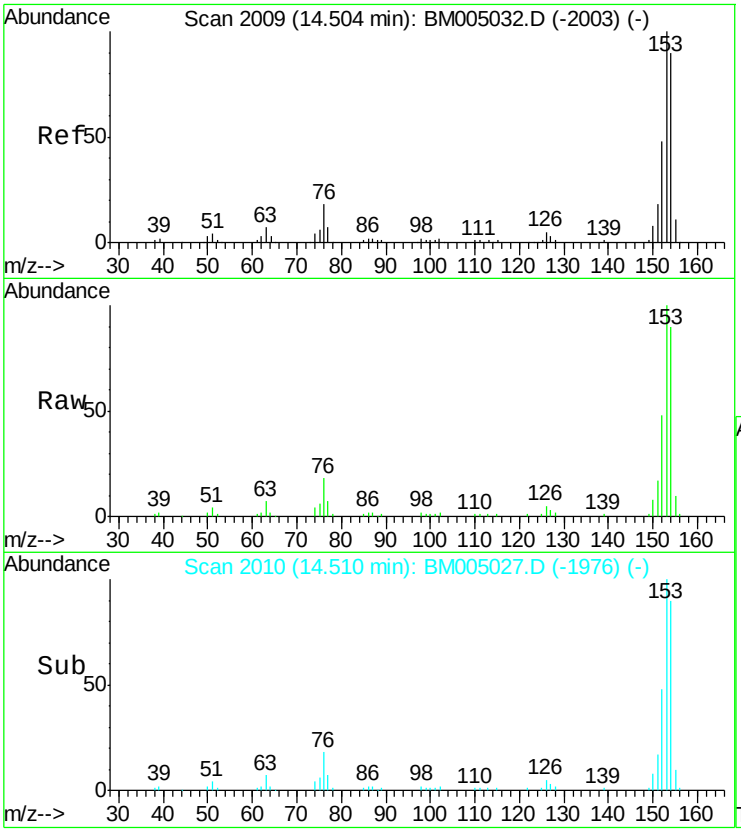


#47
Acenaphthylene
Concen: 3.17 ng/ul
RT: 14.16 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:152 Resp: 31135

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	14.4	10.3	15.5

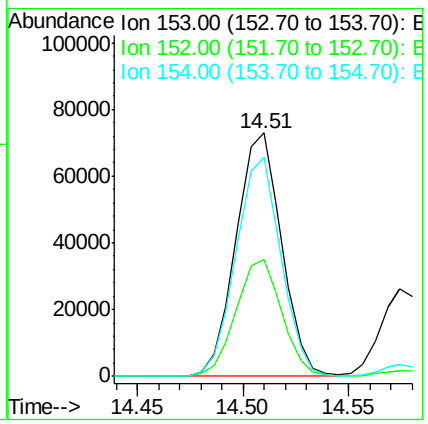




#49
Acenaphthene
Concen: 17.07 ng/ul
RT: 14.51 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:153 Resp: 109006

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.7	56.5
154	90.2	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
BC7Z1DL

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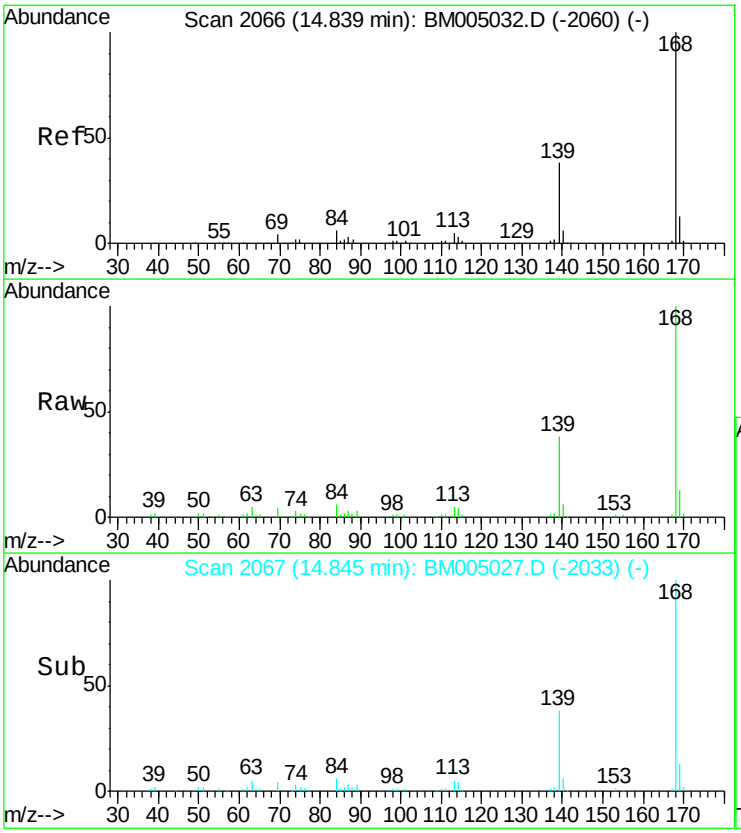
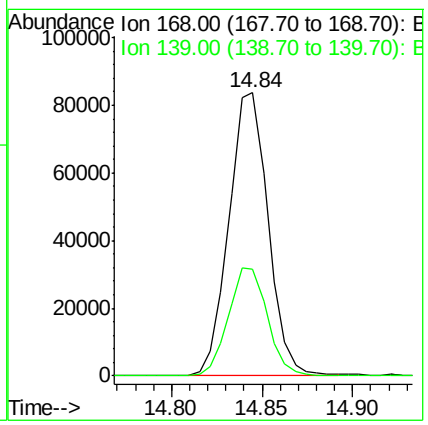
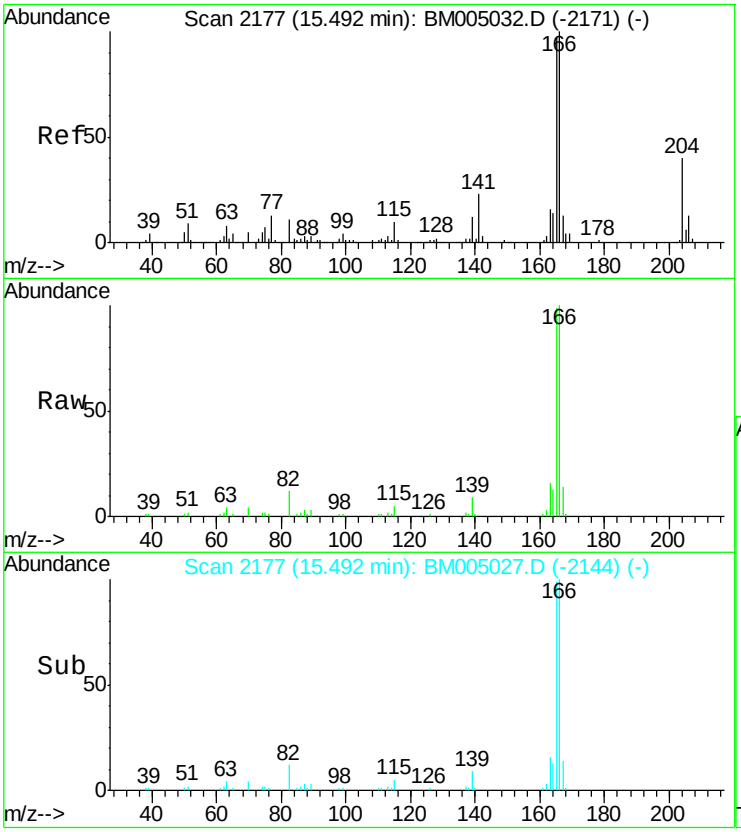


#53
Dibenzofuran
Concen: 13.64 ng/ul
RT: 14.84 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:168 Resp: 126069

Ion	Ratio	Lower	Upper
168	100		
139	37.9	29.9	44.9

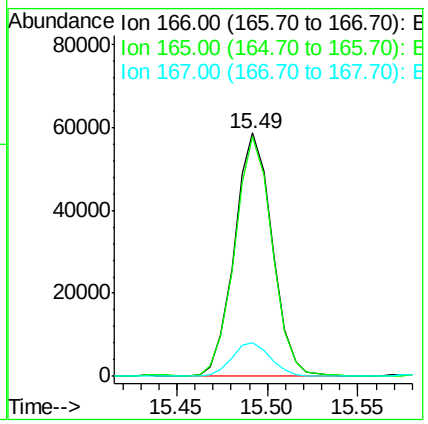




#58
Fluorene
Concen: 11.96 ng/ul
RT: 15.49 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:166 Resp: 85013

Ion	Ratio	Lower	Upper
166	100		
165	98.6	77.7	116.5
167	14.1	10.9	16.3



Instrument :
BNA_M
ClientSampleId :
BC7Z1DL

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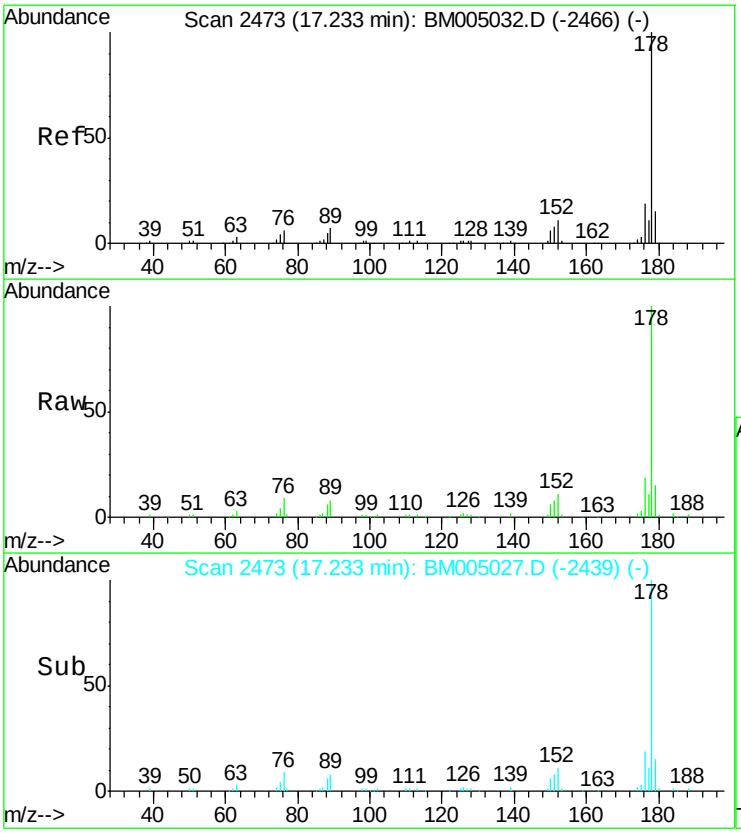
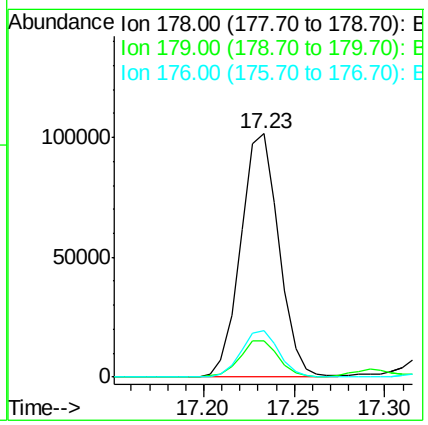
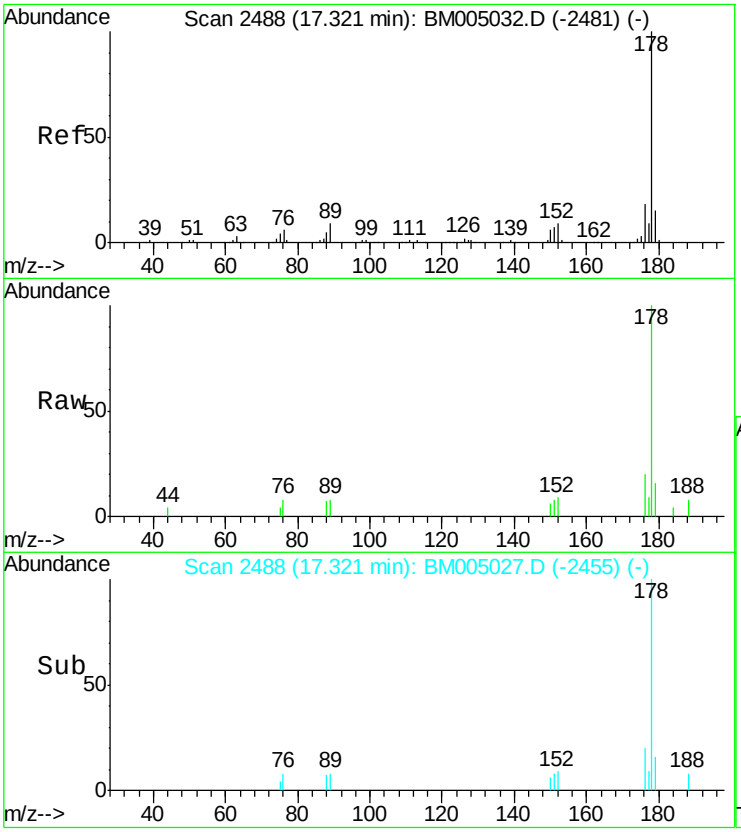


#69
Phenanthrene
Concen: 13.29 ng/ul
RT: 17.23 min Scan# 2473
Delta R.T. -0.00 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:178 Resp: 149089

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	19.1	15.2	22.8

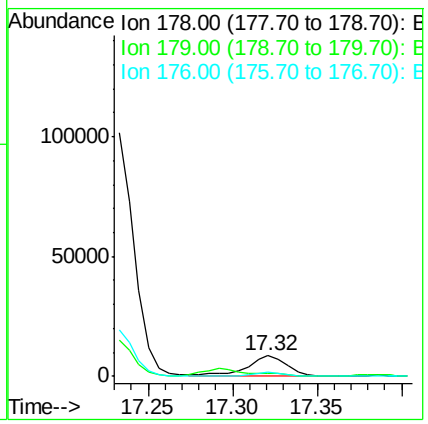




#71
Anthracene
Concen: 1.28 ng/ul
RT: 17.32 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:178 Resp: 14527

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	19.7	14.6	22.0



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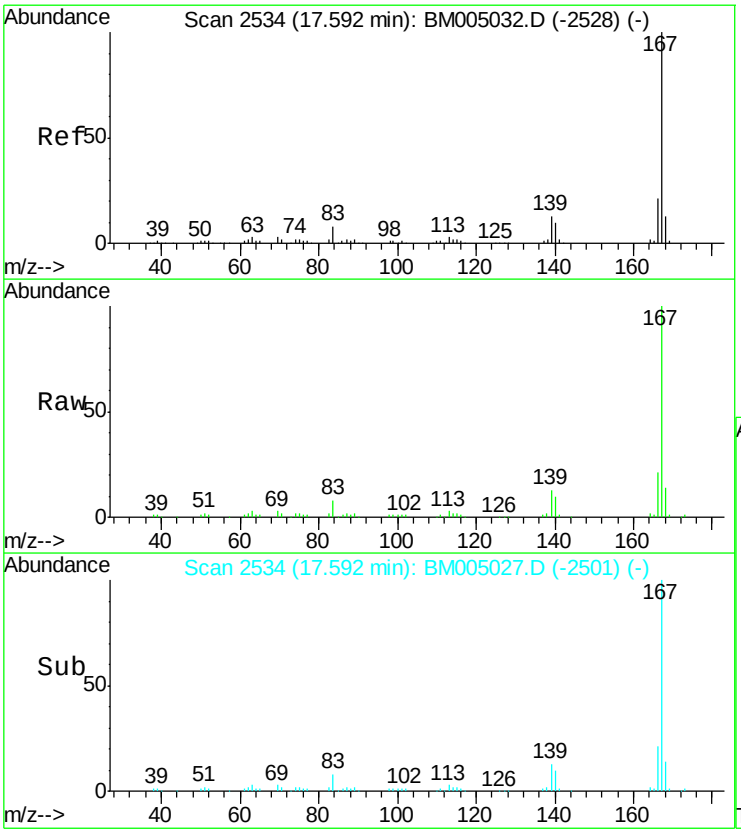
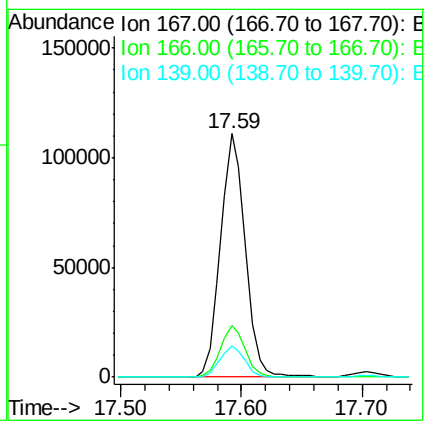
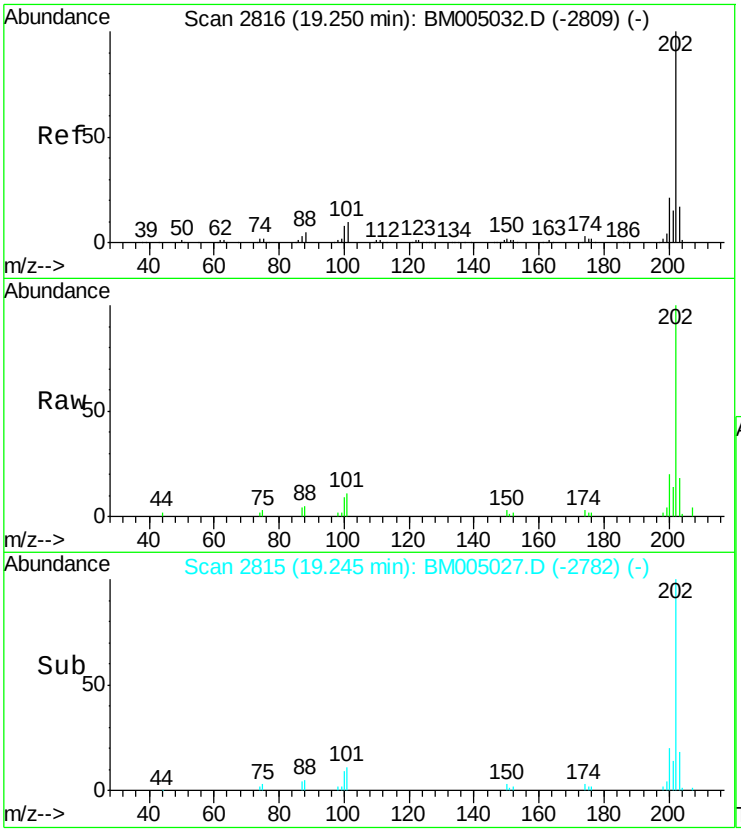


#72
Carbazole
Concen: 16.47 ng/ul
RT: 17.59 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:167 Resp: 157395

Ion	Ratio	Lower	Upper
167	100		
166	21.1	16.6	25.0
139	12.8	10.2	15.4

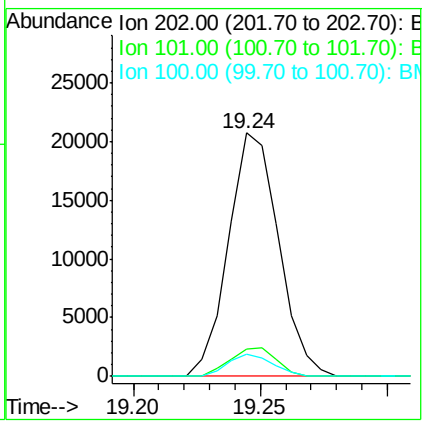




#74
Fluoranthene
Concen: 2.47 ng/ul
RT: 19.24 min Scan# 2815
Delta R.T. -0.01 min
Lab File: BM005027.D
Acq: 21 Apr 2016 16:49

Tgt Ion:202 Resp: 28520

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.0	13.4
100	8.9	6.6	10.0



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