Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070915\
Data File : BM001888.D
Acq On : 09 Jul 2015 18:38
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G93H9DL

Manual Integrations APPROVED
apatel
7/10/2015 1:32:06 PM

Quant Time: Jul 10 05:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 10 05:15:13 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	34613	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	152888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	97674	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	227490	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	265053	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	270923	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	1404	1.93	ng/uL	0.00
5) Phenol-d5	6.83	99	30113	11.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	17635	11.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	25050	11.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	20061	9.40	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	11771	11.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	13669	11.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	25298	10.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	19714	7.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	72110	9.96	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	81487	8.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	9491	7.10	ng/ul	0.00
57) Fluorene-d10	15.32	176	56836	8.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	5159	3.71	ng/ul	0.00
70) Anthracene-d10	17.17	188	91116	8.60	ng/ul	0.00
78) Pyrene-d10	19.47	212	86728	7.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	85631	7.17	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	3912	1.43	ng/ul#	90
14) Acetophenone	8.49	105	20029	5.91	ng/ul	99
28) Naphthalene	10.50	128	34389	4.45	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	8338	1.49	ng/ul	88
44) Dimethylphthalate	13.77	163	21472	2.71	ng/ul	99
47) Acenaphthylene	14.04	152	37678	3.89	ng/ul	97
49) Acenaphthene	14.38	153	25043	3.87	ng/ul	94
53) Dibenzofuran	14.72	168	25997	2.81	ng/ul	98
58) Fluorene	15.37	166	30848	4.00	ng/ul	99
69) Phenanthrene	17.11	178	619523	50.22	ng/ul	99
71) Anthracene	17.20	178	126690	10.00	ng/ul	99
74) Carbazole	17.47	167	39851	3.59	ng/ul	97
76) Fluoranthene	19.13	202	1056738	71.63	ng/ul	99
79) Pyrene	19.50	202	1049887	71.40	ng/ul	99
82) Benzo(a)anthracene	21.24	228	500382	32.31	ng/ul	97
84) Chrysene	21.30	228	483275	32.92	ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	648796	41.14	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	167684m	11.00	ng/ul	
90) Benzo(a)pyrene	23.40	252	445852	29.06	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.74	276	309415	17.01	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.74	278	75502	4.92	ng/ul#	87
93) Benzo(g,h,i)perylene	26.43	276	145348	9.50	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070915\
Data File : BM001888.D
Acq On : 09 Jul 2015 18:38
Operator : TP/UM
Sample : G2860-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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Quant Time: Jul 10 05:49:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070915\
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Manual Integrations APPROVED
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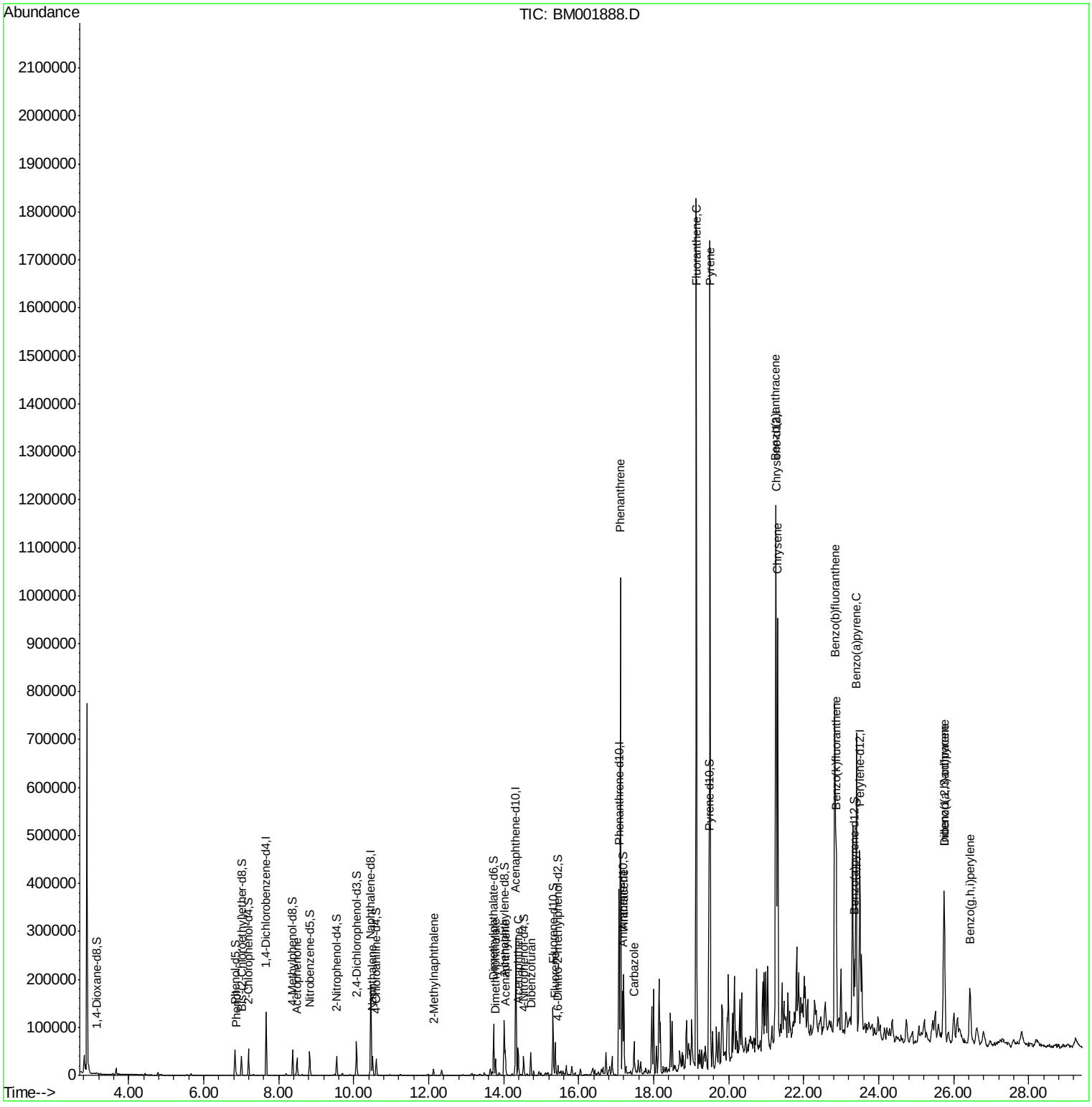
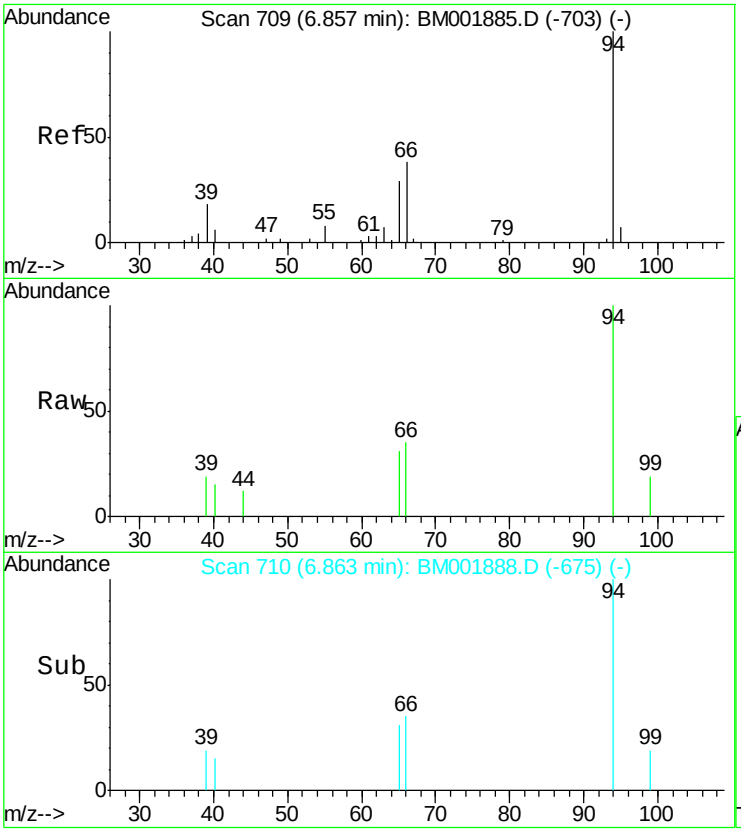
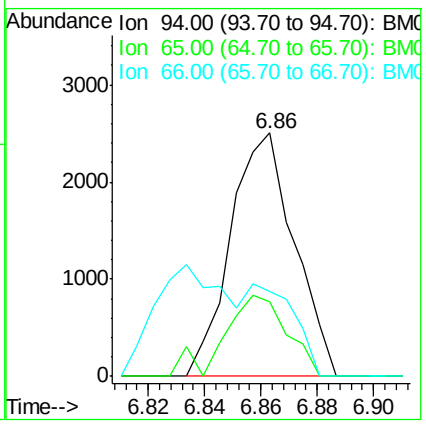




#6
Phenol
Concen: 1.43 ng/ul
RT: 6.86 min Scan# 710
Delta R.T. 0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion: 94 Resp: 3912

Ion	Ratio	Lower	Upper
94	100		
65	30.7	26.1	39.1
66	34.8	35.9	53.9#



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
apatel
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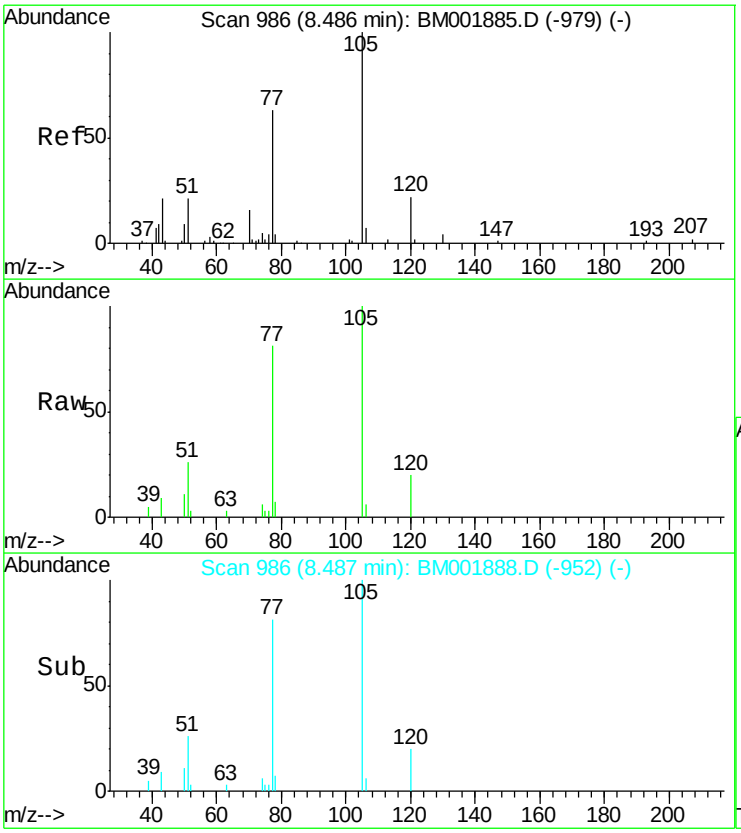
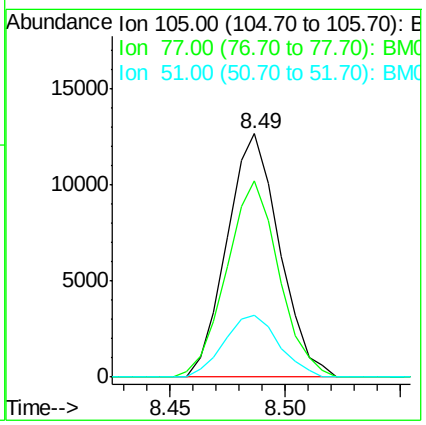
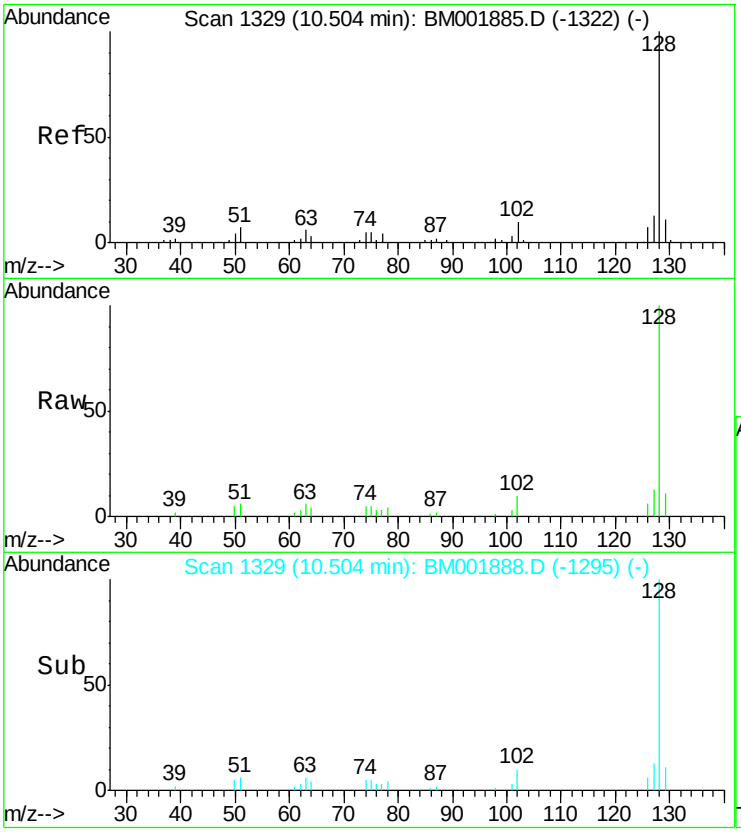


#14
Acetophenone
Concen: 5.91 ng/ul
RT: 8.49 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:105 Resp: 20029

Ion	Ratio	Lower	Upper
105	100		
77	80.5	64.2	96.4
51	25.7	22.0	33.0

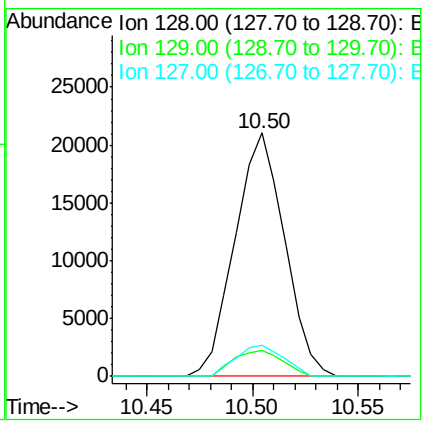




#28
Naphthalene
Concen: 4.45 ng/ul
RT: 10.50 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:128 Resp: 34389

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.7	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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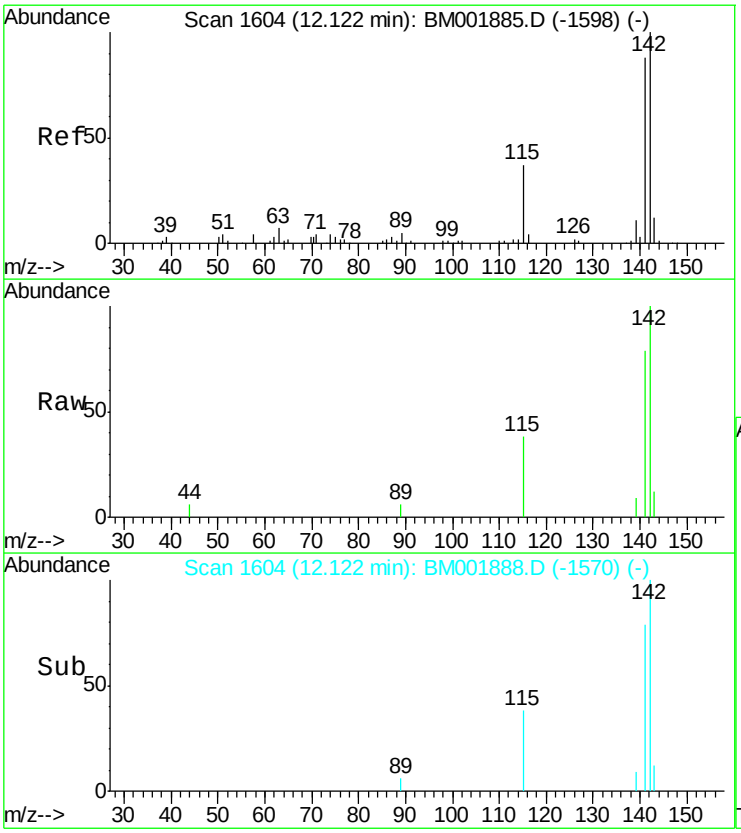
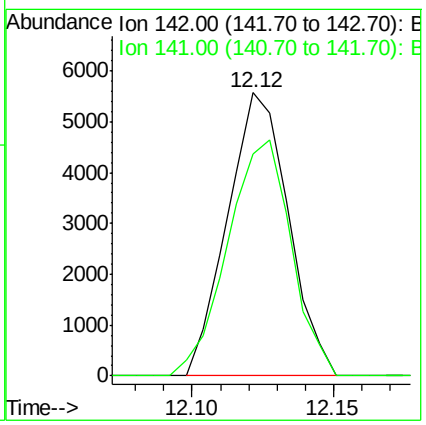
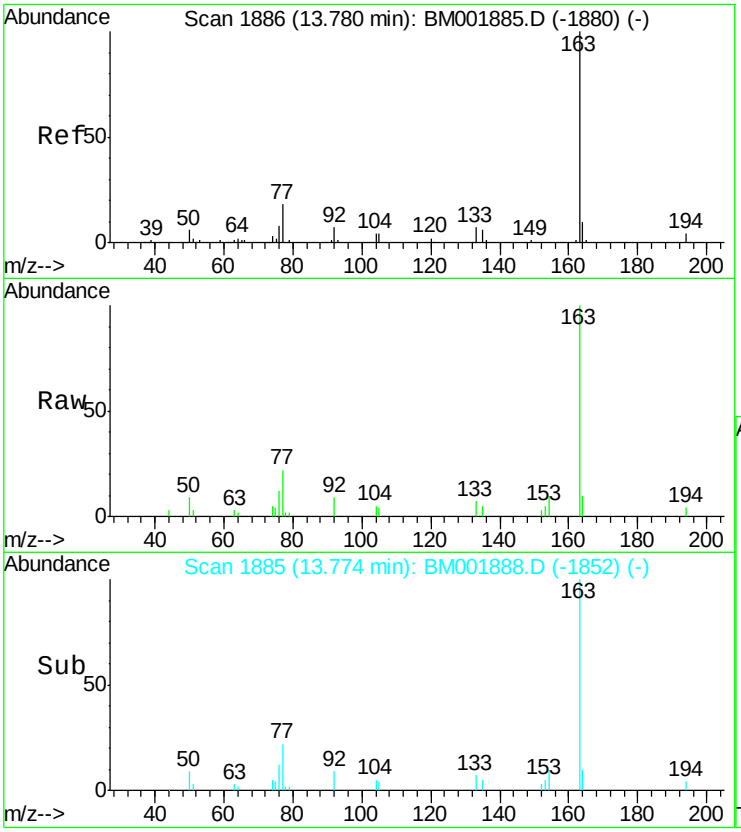


#34
2-Methylnaphthalene
Concen: 1.49 ng/ul
RT: 12.12 min Scan# 1604
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:142 Resp: 8338

Ion	Ratio	Lower	Upper
142	100		
141	78.6	71.6	107.4

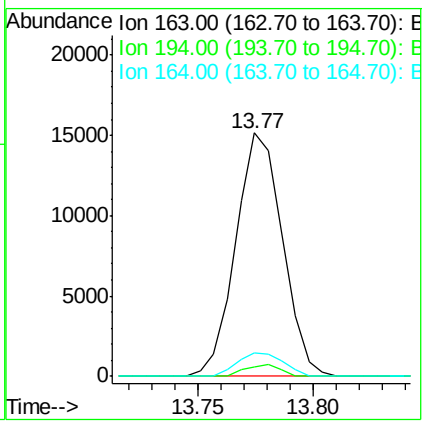




#44
Dimethylphthalate
Concen: 2.71 ng/ul
RT: 13.77 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:163 Resp: 21472

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.6	5.4
164	9.7	8.0	12.0



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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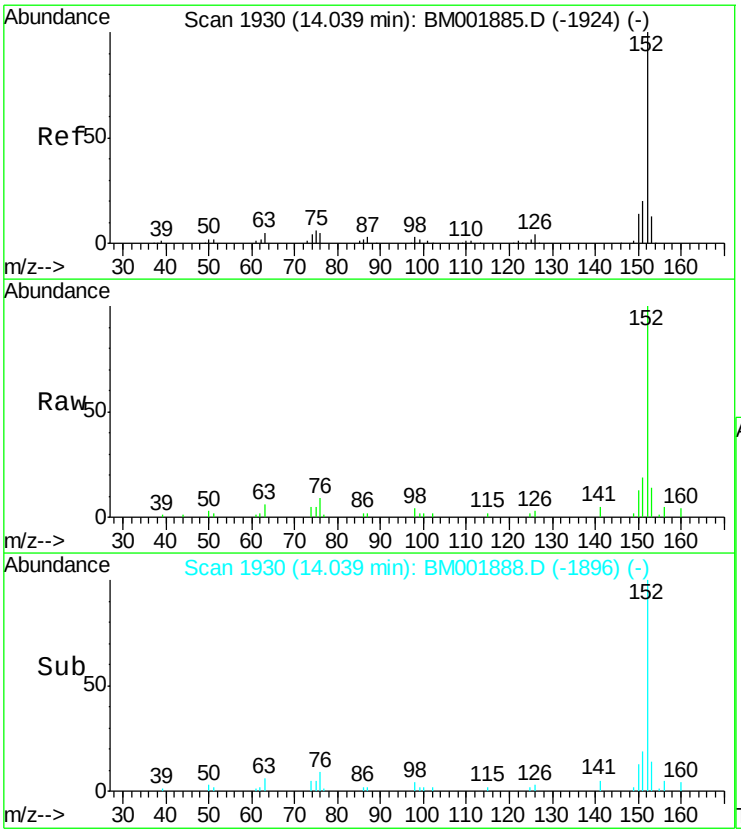
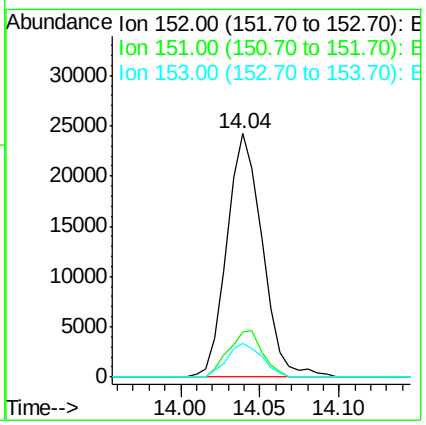
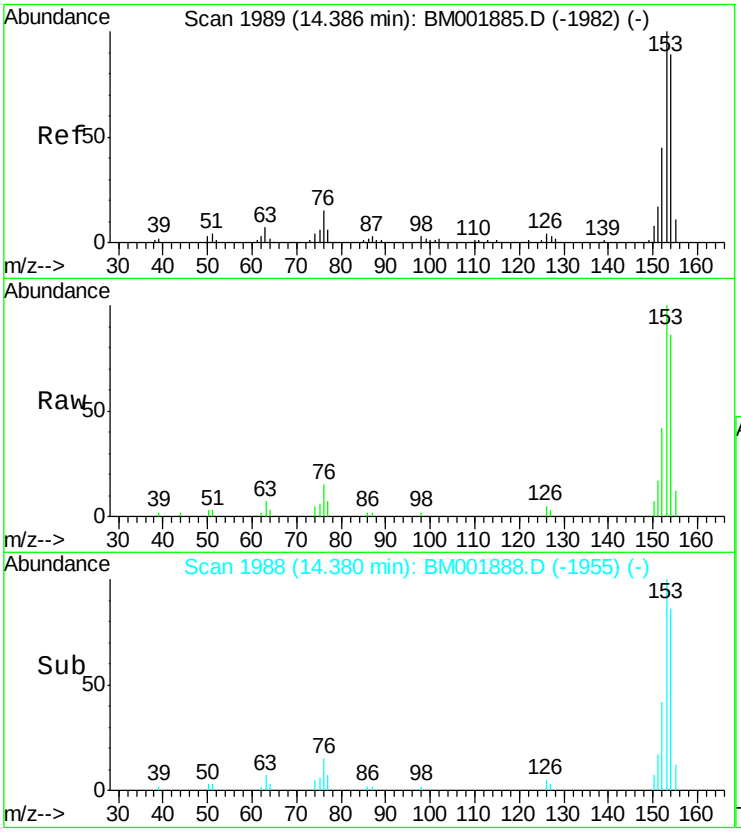


#47
Acenaphthylene
Concen: 3.89 ng/ul
RT: 14.04 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:152 Resp: 37678

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.9	23.9
153	13.8	10.0	15.0

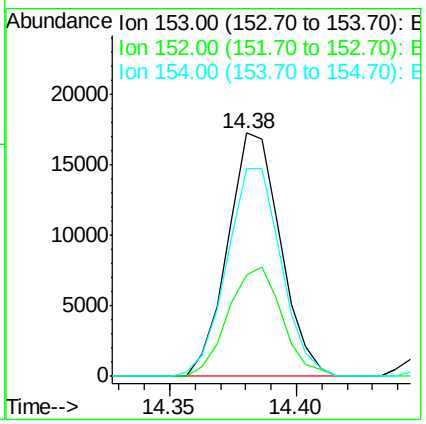




#49
Acenaphthene
Concen: 3.87 ng/ul
RT: 14.38 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:153 Resp: 25043

Ion	Ratio	Lower	Upper
153	100		
152	41.9	36.6	55.0
154	85.6	72.6	108.8



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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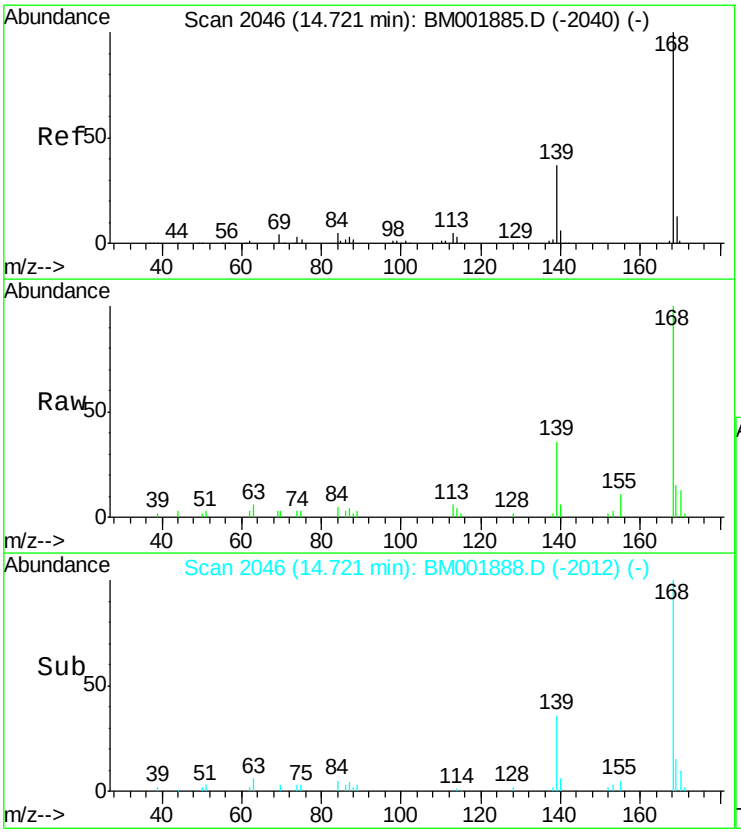
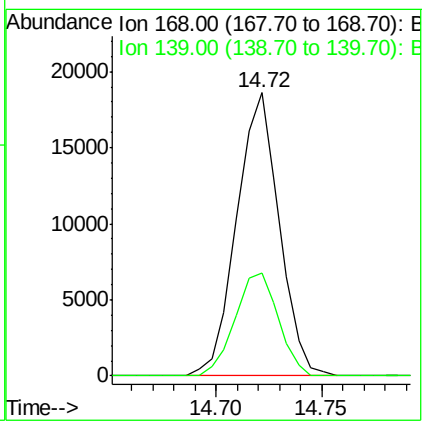
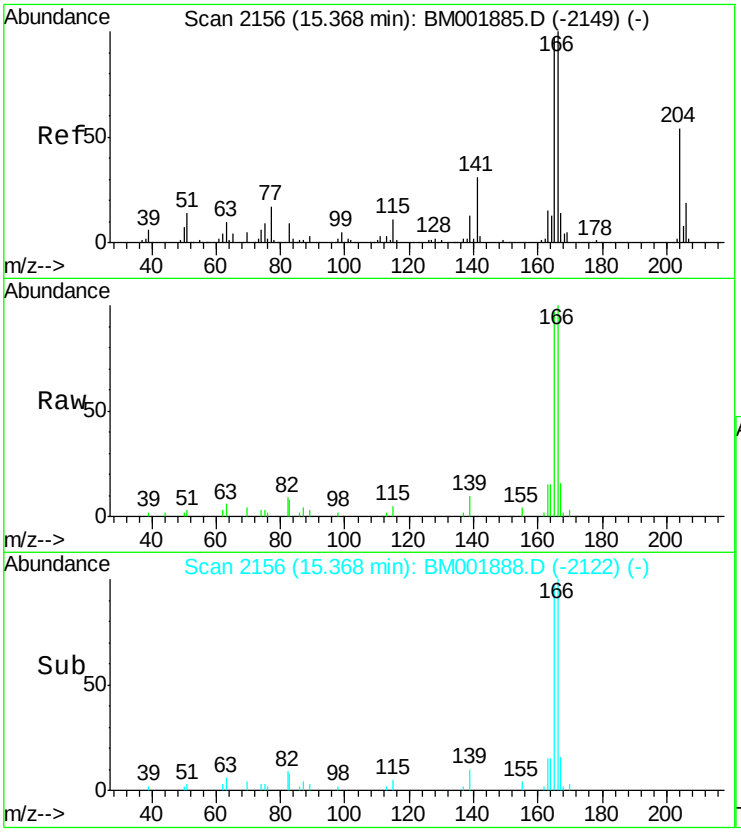


#53
Dibenzofuran
Concen: 2.81 ng/ul
RT: 14.72 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:168 Resp: 25997

Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1

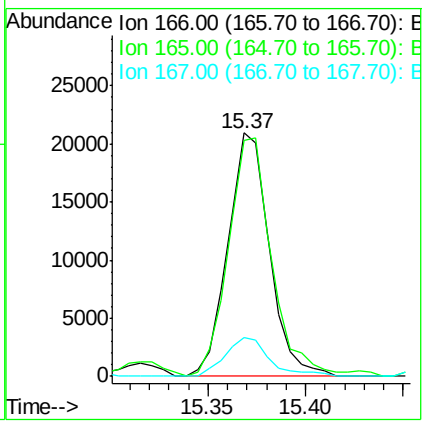




#58
Fluorene
Concen: 4.00 ng/ul
RT: 15.37 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:166 Resp: 30848

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.4	116.2
167	15.9	11.3	16.9



Instrument :
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ClientSampleId :
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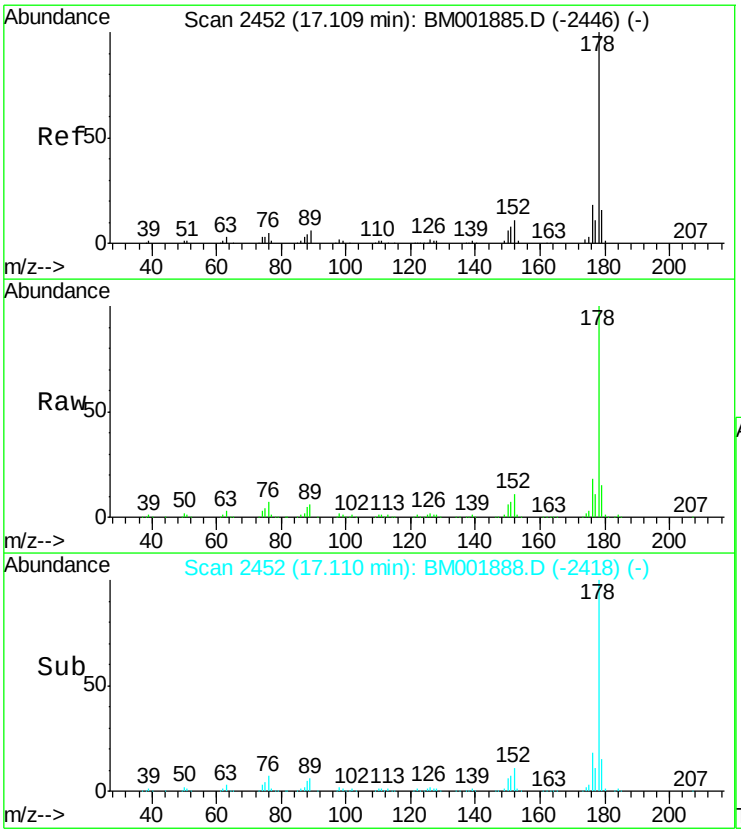
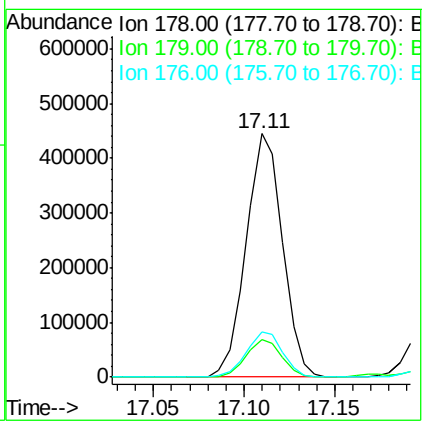
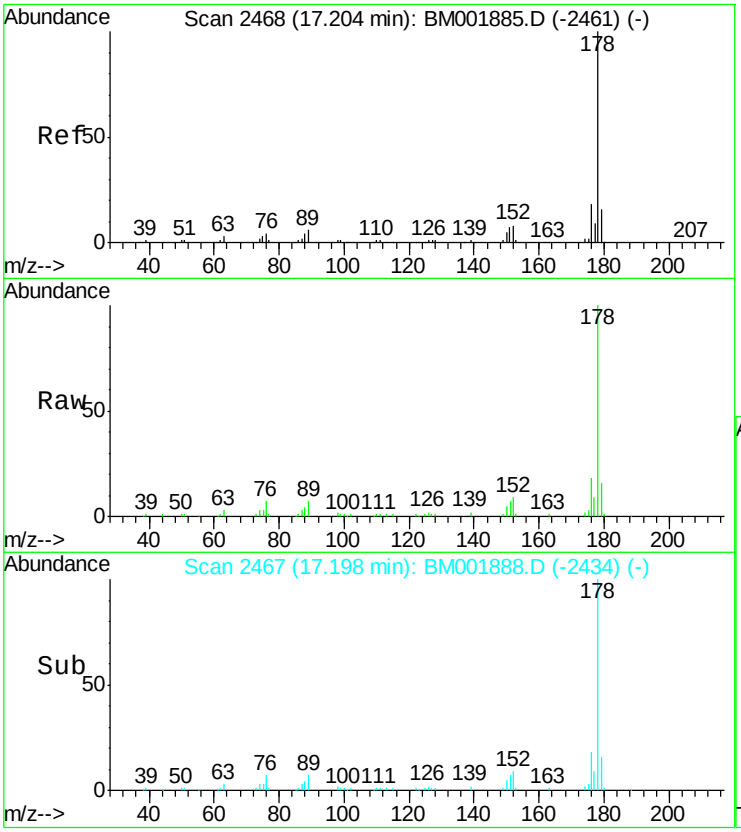


#69
Phenanthrene
Concen: 50.22 ng/ul
RT: 17.11 min Scan# 2452
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:178 Resp: 619523

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.4	15.2	22.8

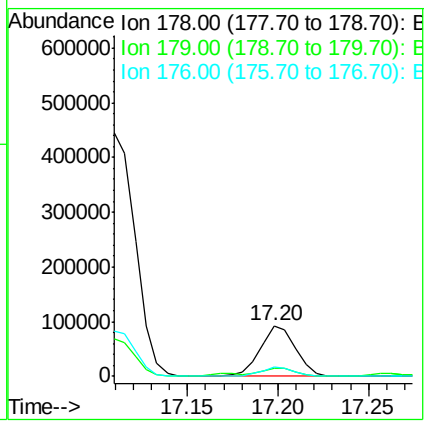




#71
Anthracene
Concen: 10.00 ng/ul
RT: 17.20 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:178 Resp: 126690

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.0	14.4	21.6



Instrument :
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ClientSampleId :
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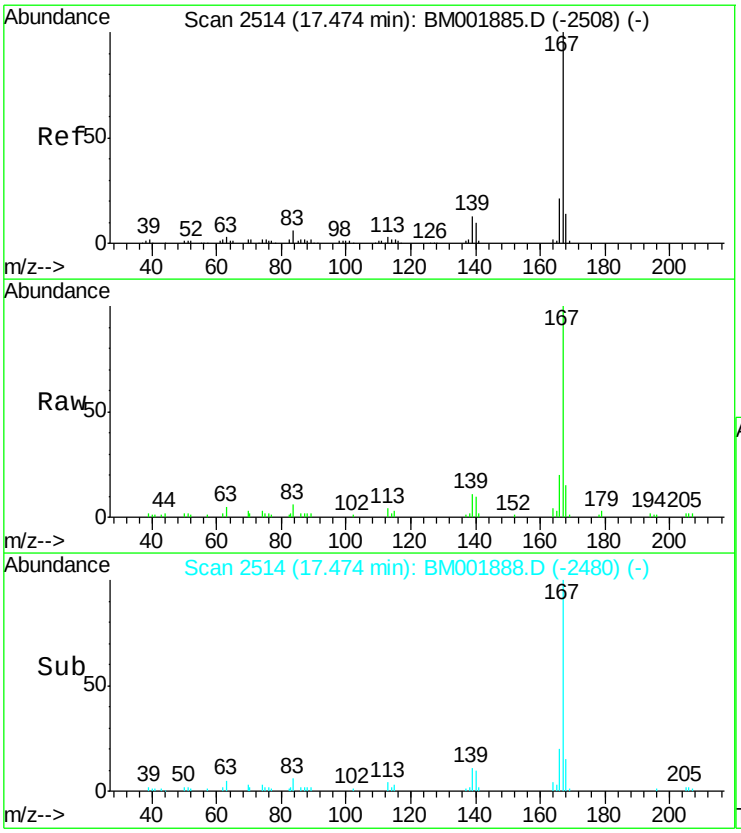
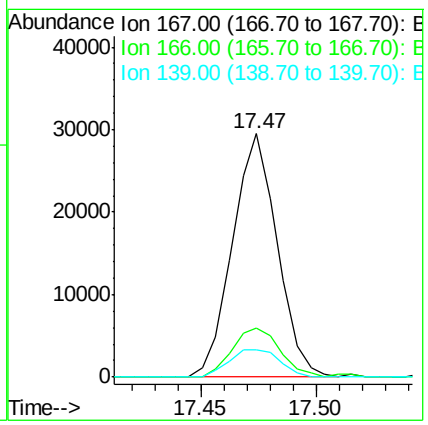
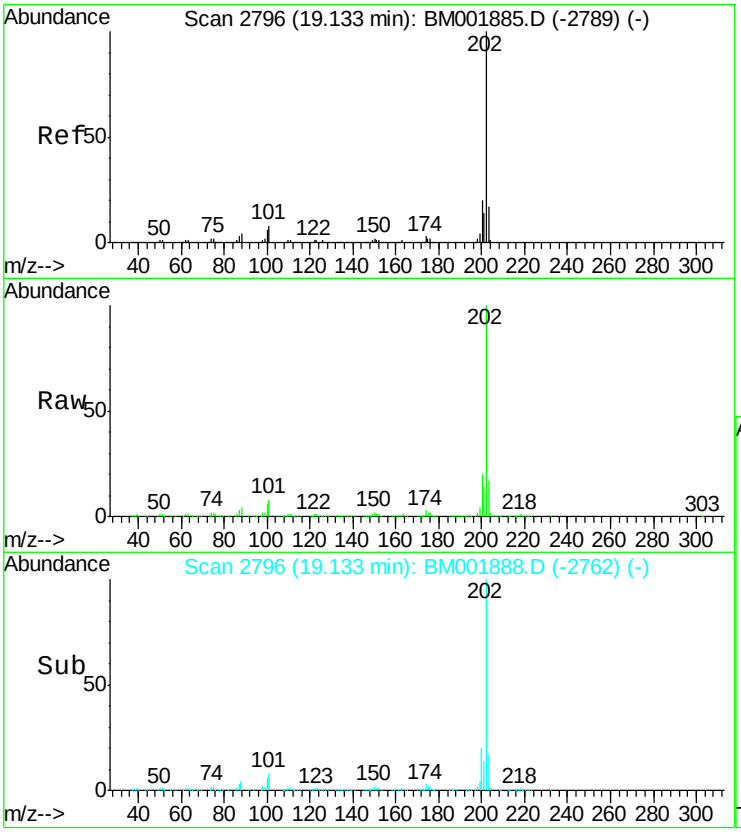


#74
Carbazole
Concen: 3.59 ng/ul
RT: 17.47 min Scan# 2514
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:167 Resp: 39851

Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.4	26.2
139	11.1	10.1	15.1

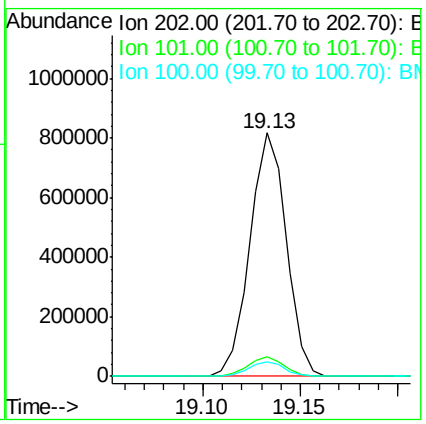




#76
Fluoranthene
Concen: 71.63 ng/ul
RT: 19.13 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:202 Resp: 1056738

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.1	9.1
100	6.0	4.8	7.2



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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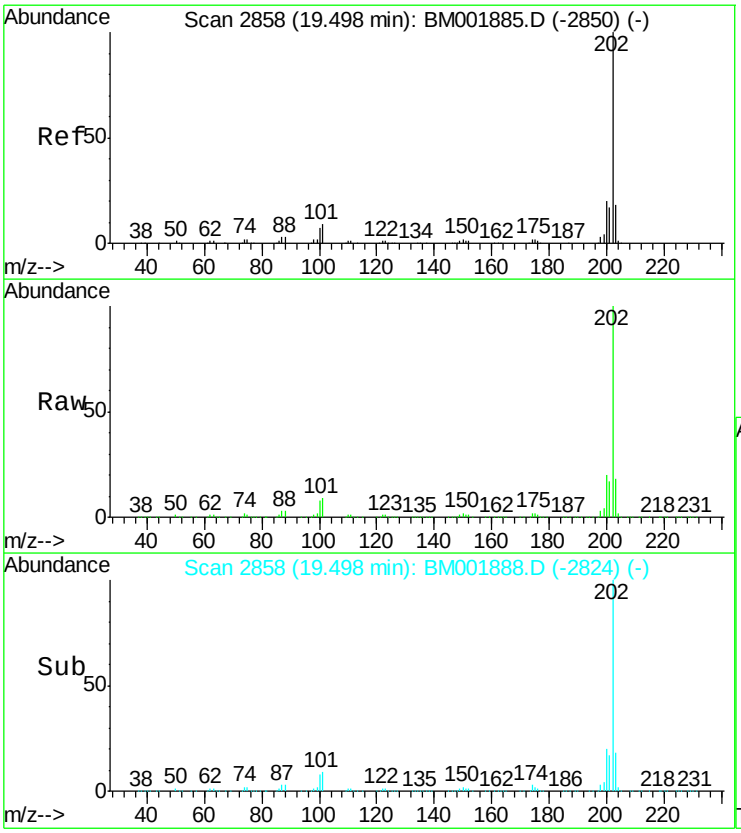
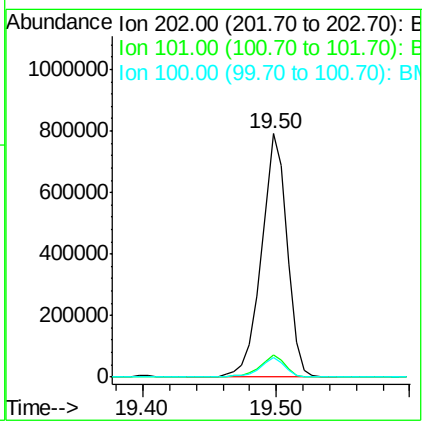
7/10/2015 1:32:06 PM

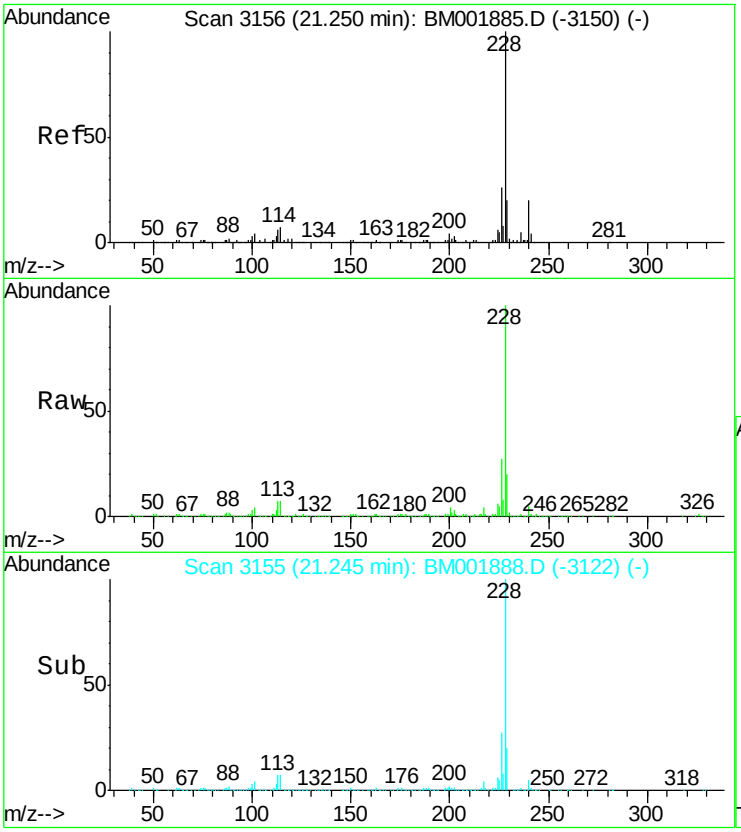


#79
Pyrene
Concen: 71.40 ng/ul
RT: 19.50 min Scan# 2858
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:202 Resp: 1049887

Ion	Ratio	Lower	Upper
202	100		
101	9.1	6.9	10.3
100	7.9	6.2	9.2

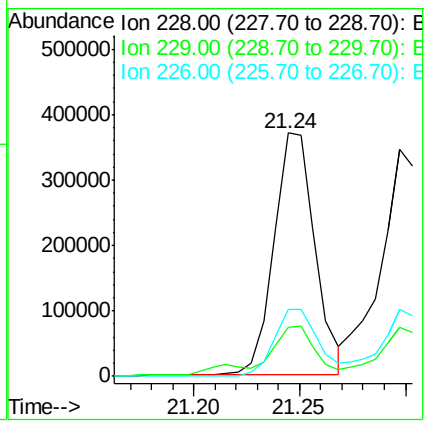




#82
Benzo(a)anthracene
Concen: 32.31 ng/ul
RT: 21.24 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:228 Resp: 500382

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.3	20.6	30.8



Instrument :
BNA_M
ClientSampleId :
G93H9DL

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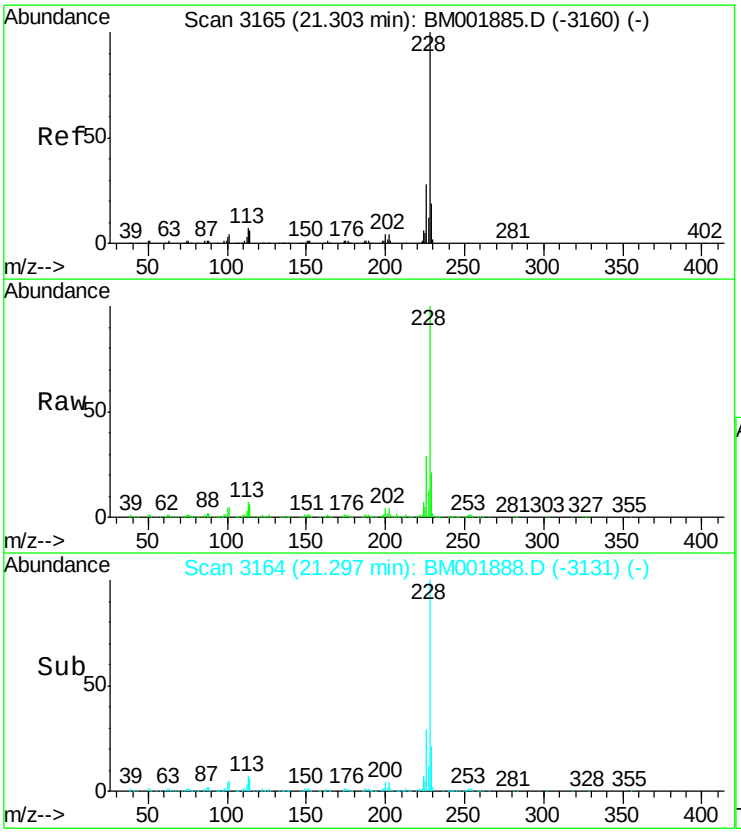
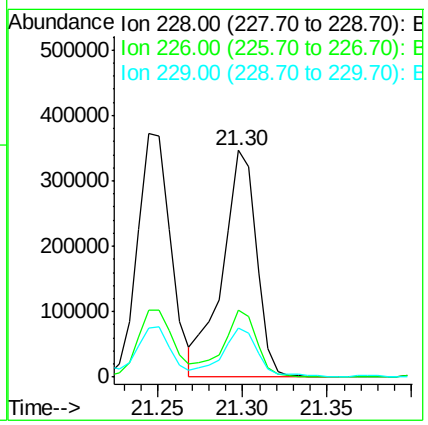
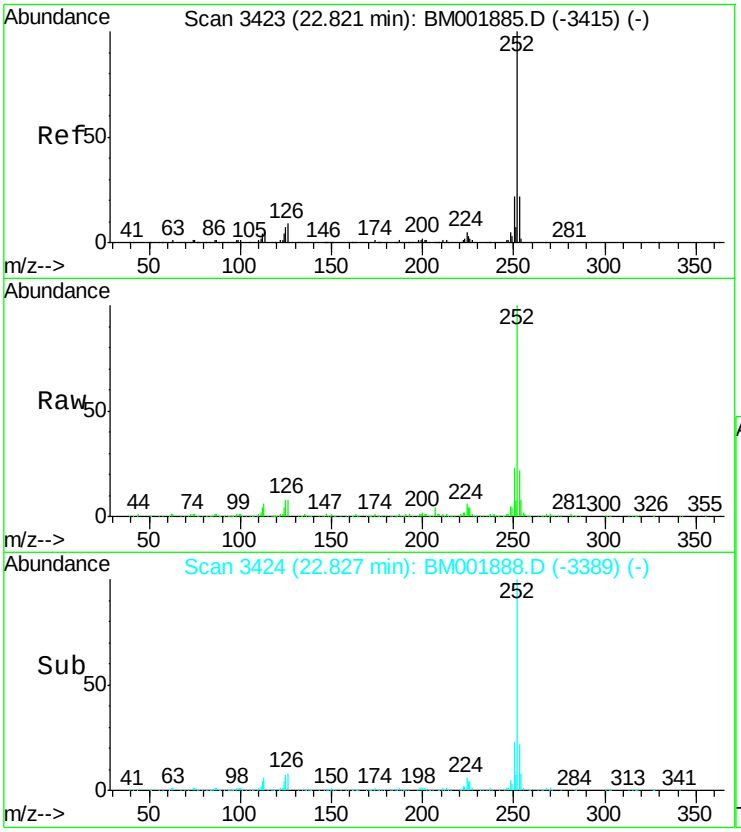


#84
Chrysene
Concen: 32.92 ng/ul
RT: 21.30 min Scan# 3164
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:228 Resp: 483275

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	21.4	15.4	23.2

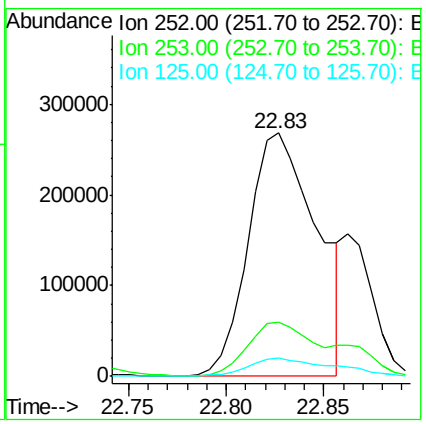




#87
Benzo(b)fluoranthene
Concen: 41.14 ng/ul
RT: 22.83 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:252 Resp: 648796

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.6	5.3	7.9



Instrument :
BNA_M
ClientSampleId :
G93H9DL

Manual Integrations APPROVED
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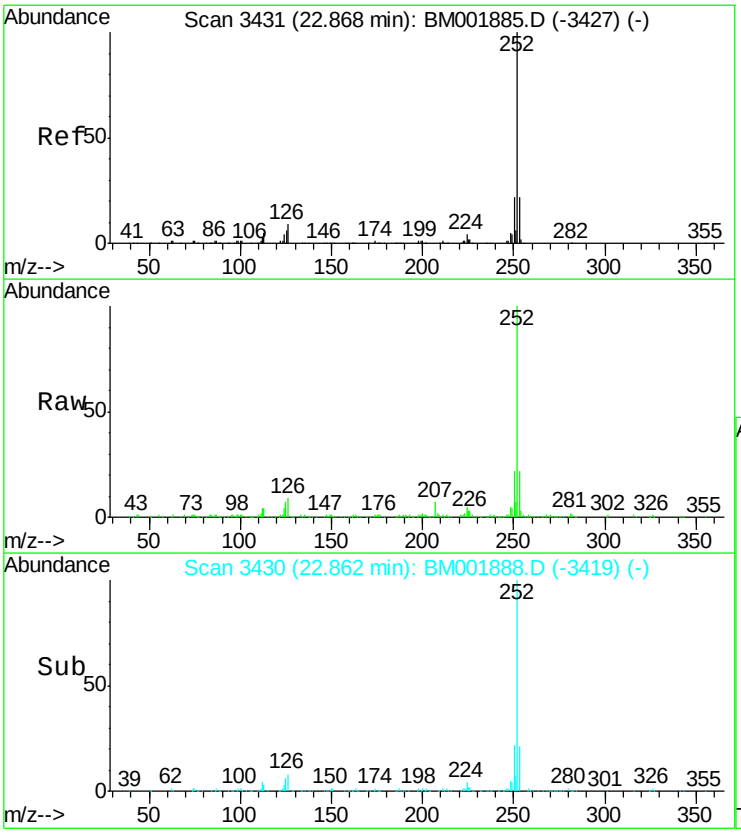
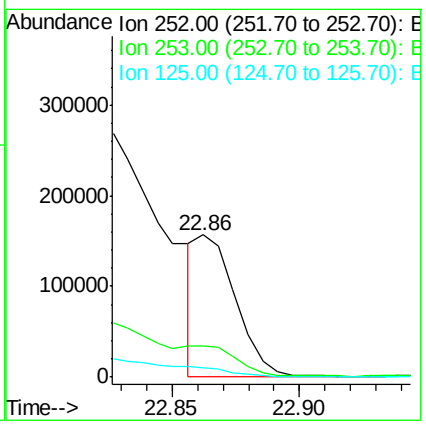
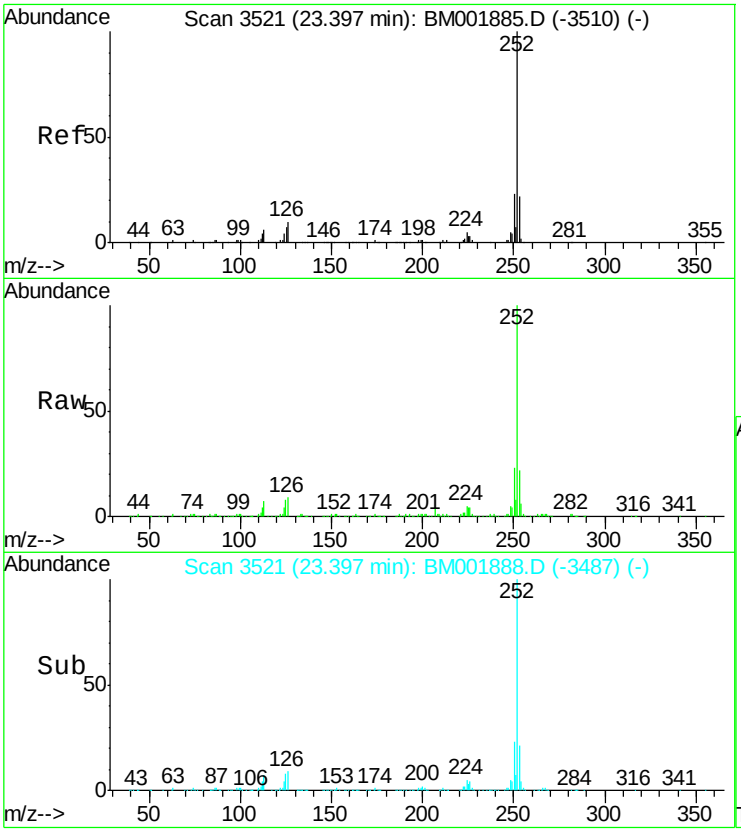


#88
Benzo(k)fluoranthene
Concen: 11.00 ng/ul m
RT: 22.86 min Scan# 3430
Delta R.T. -0.01 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:252 Resp: 167684

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.9	5.3	7.9

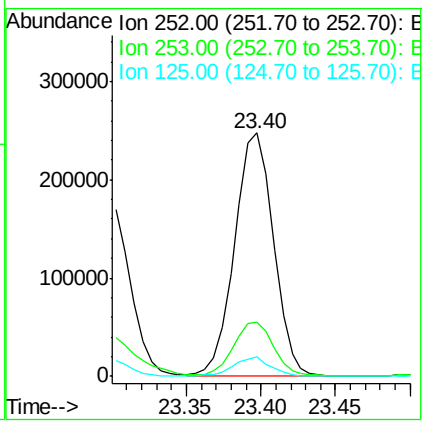




#90
Benzo(a)pyrene
Concen: 29.06 ng/ul
RT: 23.40 min Scan# 3521
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:252 Resp: 445852

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	7.9	6.0	9.0



Instrument :
BNA_M
ClientSampleId :
G93H9DL

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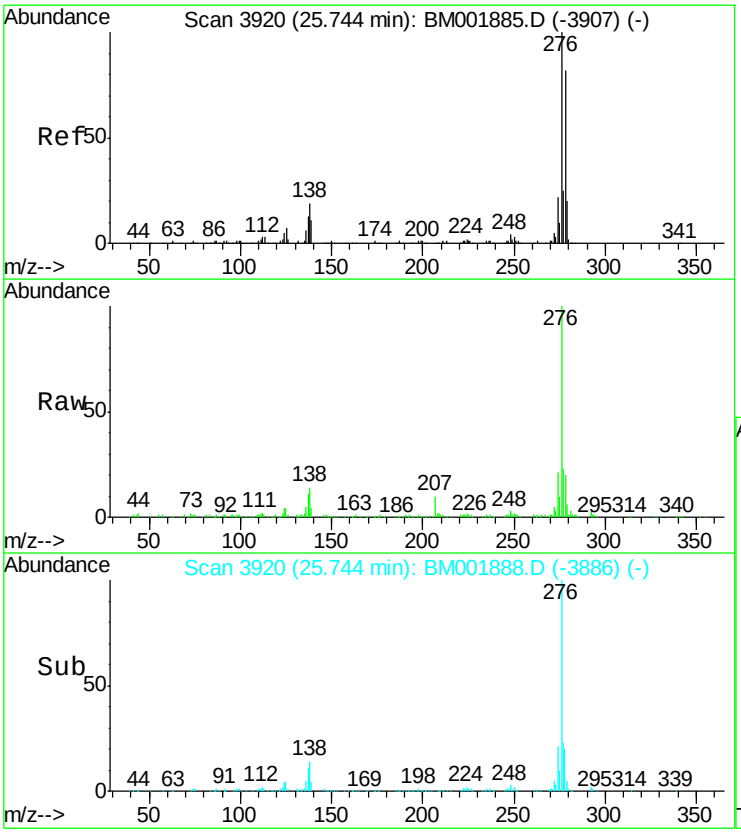
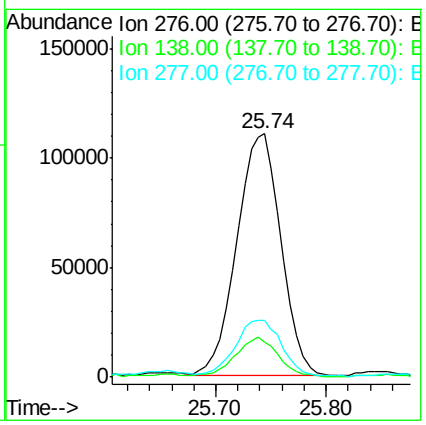
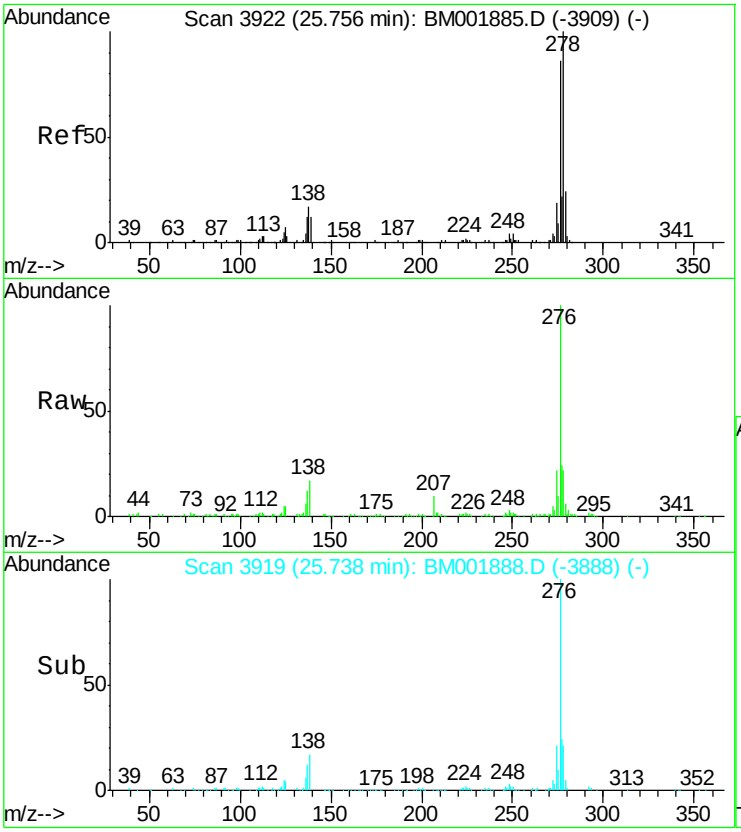


#91
Indeno(1,2,3-cd)pyrene
Concen: 17.01 ng/ul
RT: 25.74 min Scan# 3920
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:276 Resp: 309415

Ion	Ratio	Lower	Upper
276	100		
138	14.2	14.7	22.1#
277	23.4	19.7	29.5





#92
Dibenzo(a,h)anthracene
Concen: 4.92 ng/ul
RT: 25.74 min Scan# 3919
Delta R.T. -0.02 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:278 Resp: 75502

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.2	13.8#
279	26.3	19.1	28.7

Instrument :
BNA_M
ClientSampleId :
G93H9DL

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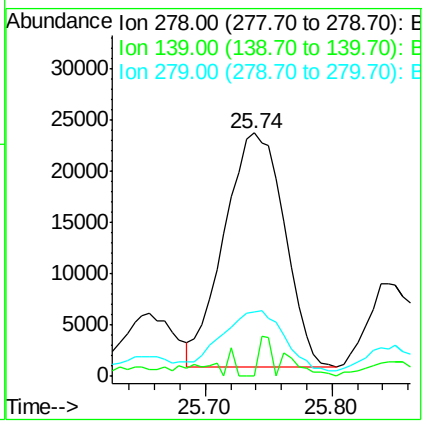

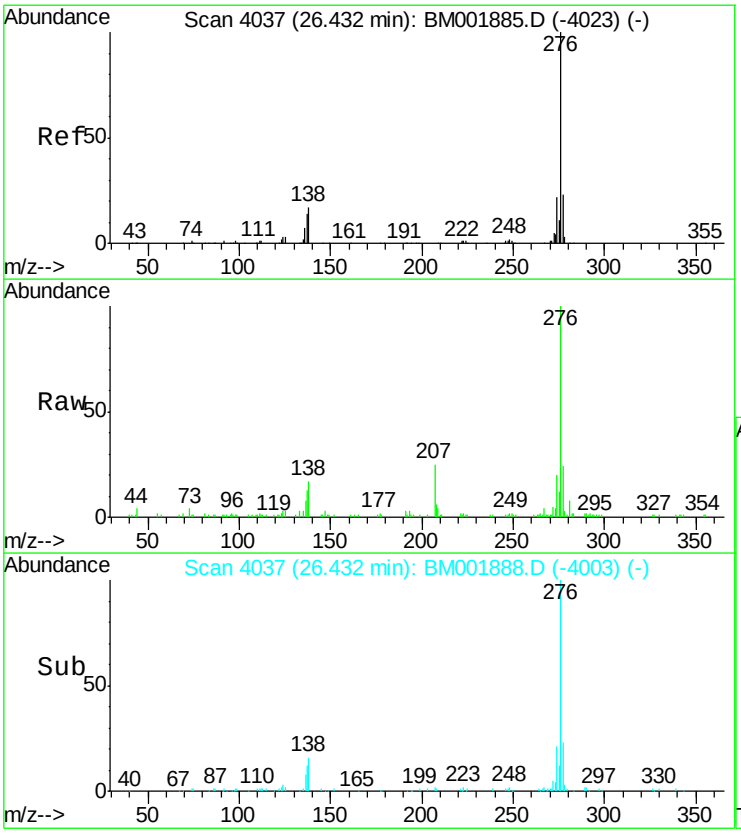

#93
Benzo(g,h,i)perylene
Concen: 9.50 ng/ul
RT: 26.43 min Scan# 4037
Delta R.T. 0.00 min
Lab File: BM001888.D
Acq: 09 Jul 2015 18:38

Tgt Ion:276 Resp: 145348

Ion	Ratio	Lower	Upper
276	100		
138	16.7	12.6	19.0
277	23.8	18.7	28.1