Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006505.D
Acq On : 17 Jul 2016 08:08
Operator : UM/SJ
Sample : H3959-02 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BDJ21

Manual Integrations
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Quant Time: Jul 18 08:01:57 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 18 07:39:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	118081	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	517331	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	291942	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	681029	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	750184	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	860343	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	471	0.17	ng/uL	0.00
5) Phenol-d5	6.80	99	21239	2.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	14945	2.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	16725	2.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	16209	2.11	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	7036	1.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	7196	1.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	14119	1.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	18900	2.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	55029	2.30	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	71359	2.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	4402	1.06	ng/ul	0.01
57) Fluorene-d10	15.26	176	57154	2.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	2464	0.63	ng/ul	0.01
70) Anthracene-d10	17.12	188	90678	2.82	ng/ul	0.00
76) Pyrene-d10	19.42	212	104206	3.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	114718	2.92	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.44	128	34041	1.30	ng/ul	99
44) Dimethylphthalate	13.73	163	38328	1.58	ng/ul	98
47) Acenaphthylene	13.99	152	235542	7.66	ng/ul	100
49) Acenaphthene	14.33	153	388436	19.62	ng/ul	100
53) Dibenzofuran	14.67	168	56044	1.94	ng/ul	100
58) Fluorene	15.32	166	79613	3.45	ng/ul#	99
69) Phenanthrene	17.06	178	1015227	27.11	ng/ul	99
71) Anthracene	17.15	178	990730	25.72	ng/ul	99
74) Fluoranthene	19.09	202	4324827m	99.38	ng/ul	
77) Pyrene	19.45	202	3610988	80.62	ng/ul	96
80) Benzo(a)anthracene	21.20	228	2134886	46.63	ng/ul	96
82) Chrysene	21.25	228	1682092	39.02	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	2391999	46.52	ng/ul	98
86) Benzo(k)fluoranthene	22.79	252	756118m	15.63	ng/ul	
88) Benzo(a)pyrene	23.32	252	1804320	36.64	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.60	276	1063307	18.55	ng/ul	96
90) Dibenzo(a,h)anthracene	25.61	278	279992	5.88	ng/ul#	84
91) Benzo(g,h,i)perylene	26.27	276	875742	17.29	ng/ul	98

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

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Instrument :
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ClientSampleId :
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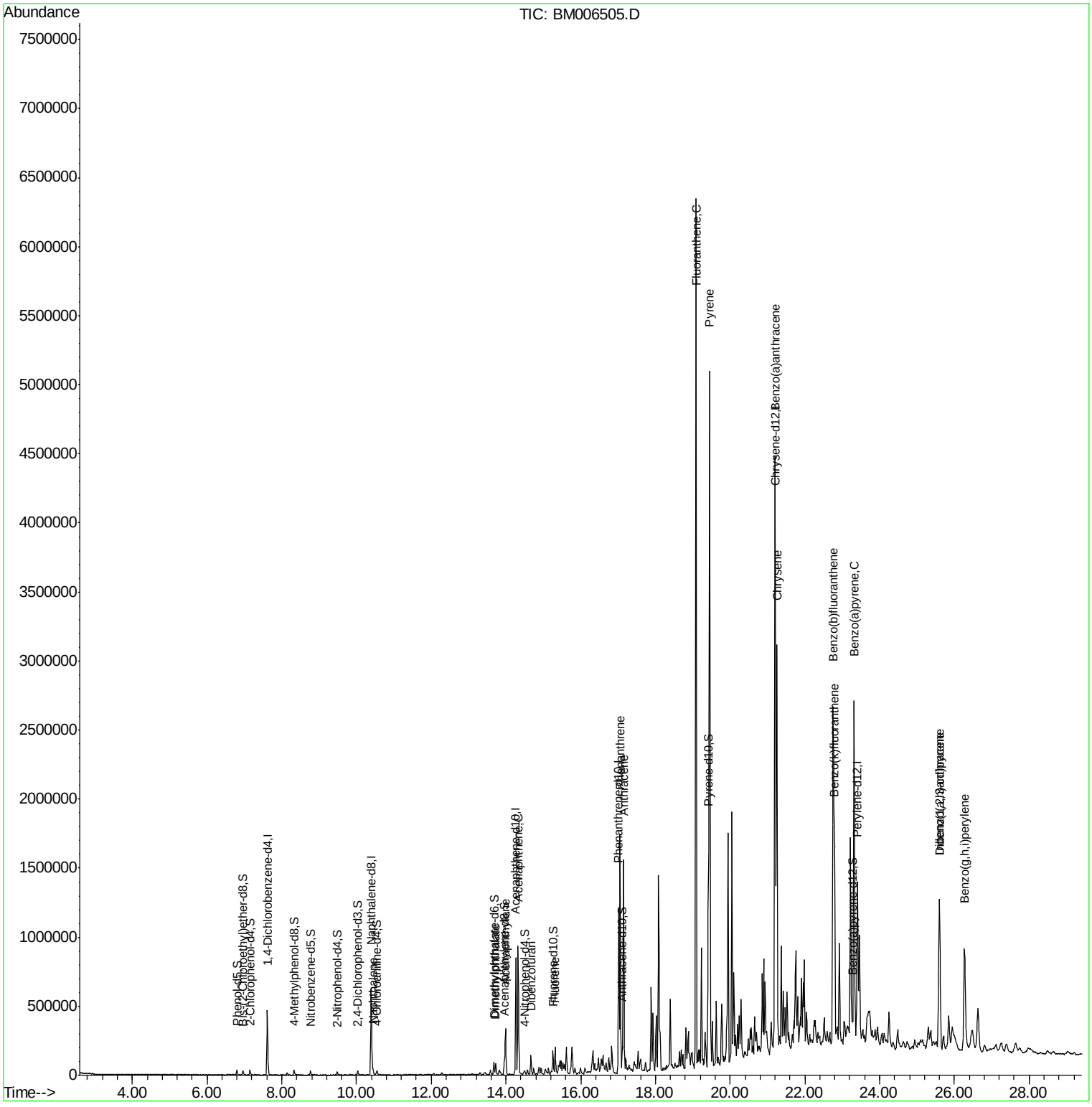
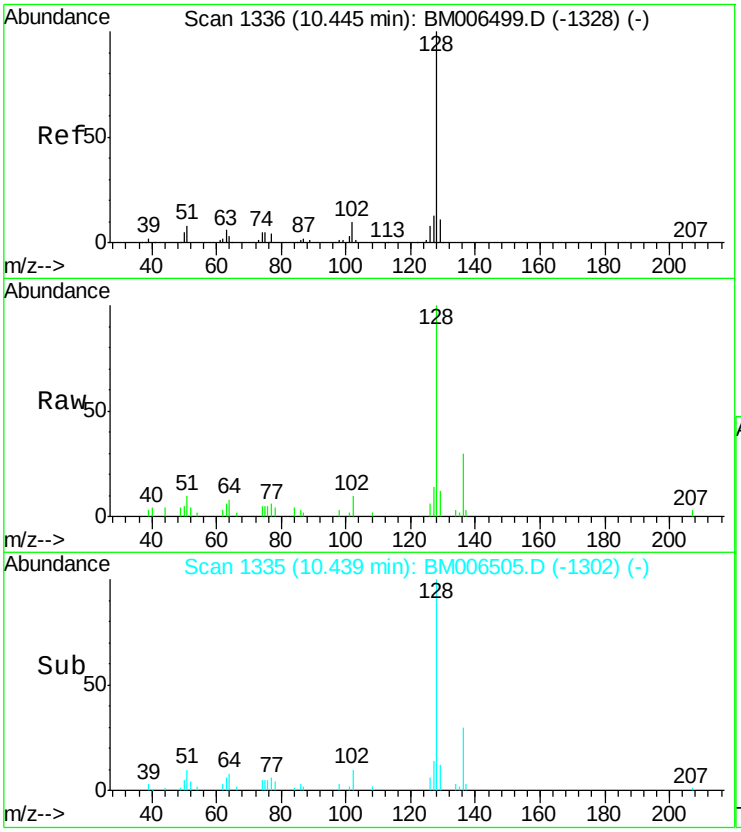
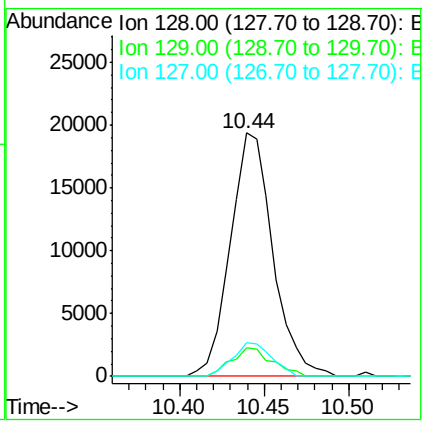




#28
Naphthalene
Concen: 1.30 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:128 Resp: 34041

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	14.0	10.9	16.3



Instrument :
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ClientSampleId :
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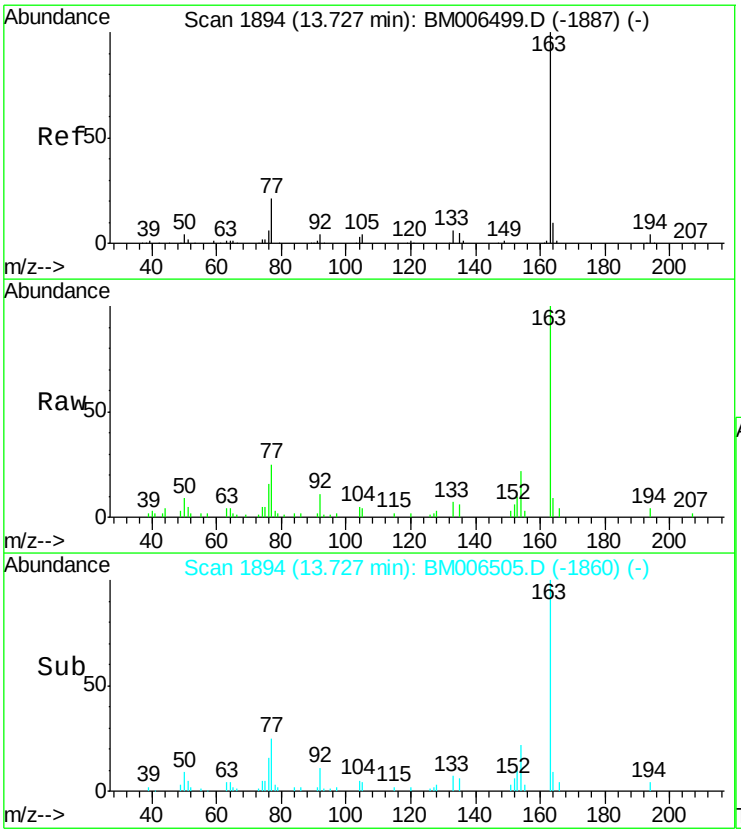
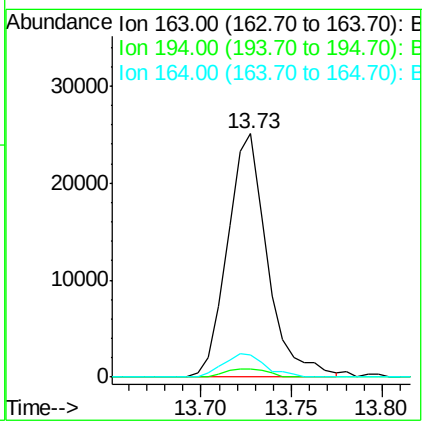
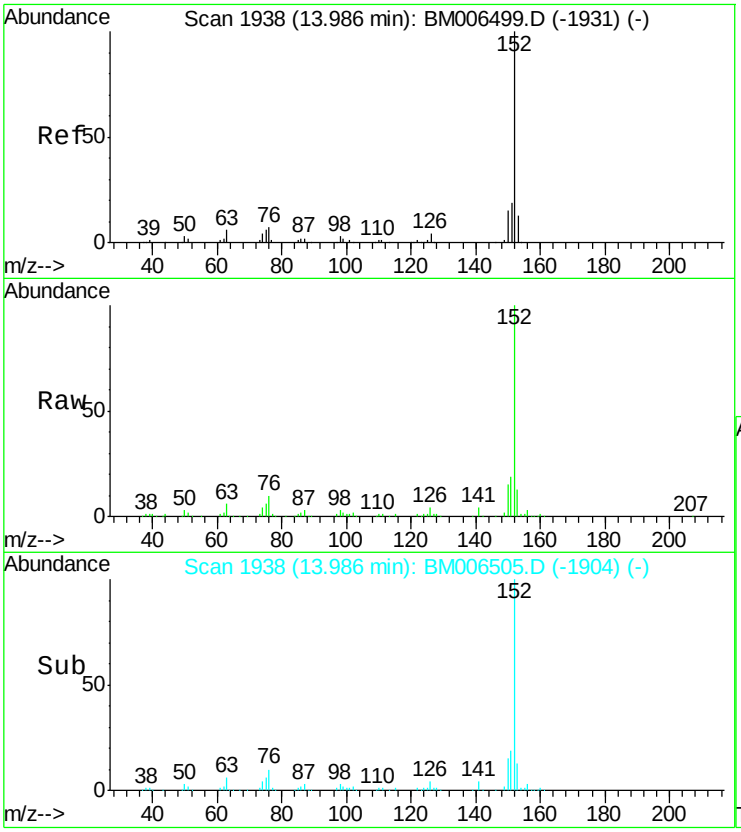


#44
Dimethylphthalate
Concen: 1.58 ng/ul
RT: 13.73 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:163 Resp: 38328

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.4	5.0
164	9.2	7.8	11.8

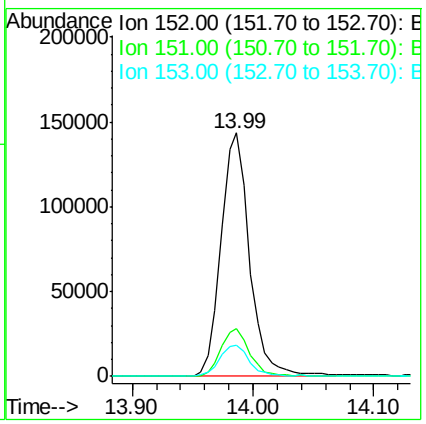




#47
Acenaphthylene
Concen: 7.66 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:152 Resp: 235542

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	12.8	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
BDJ21

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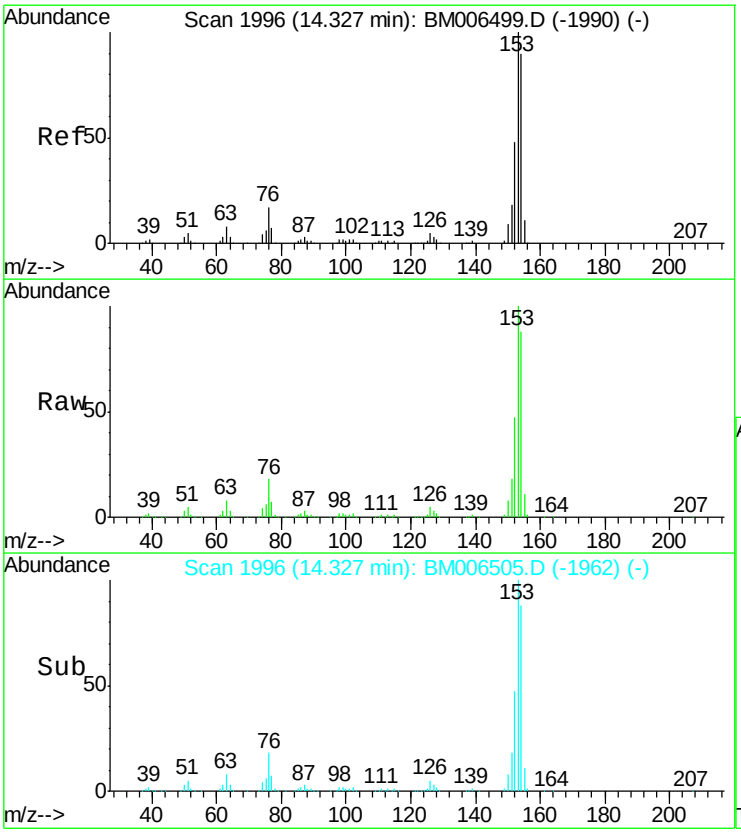
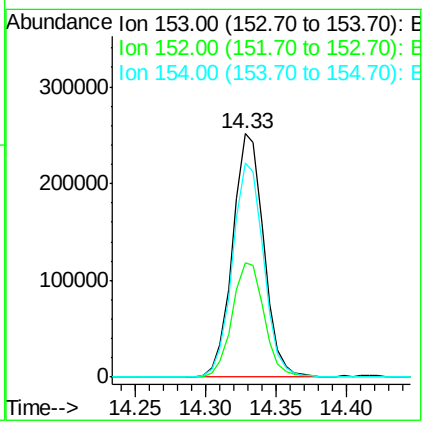
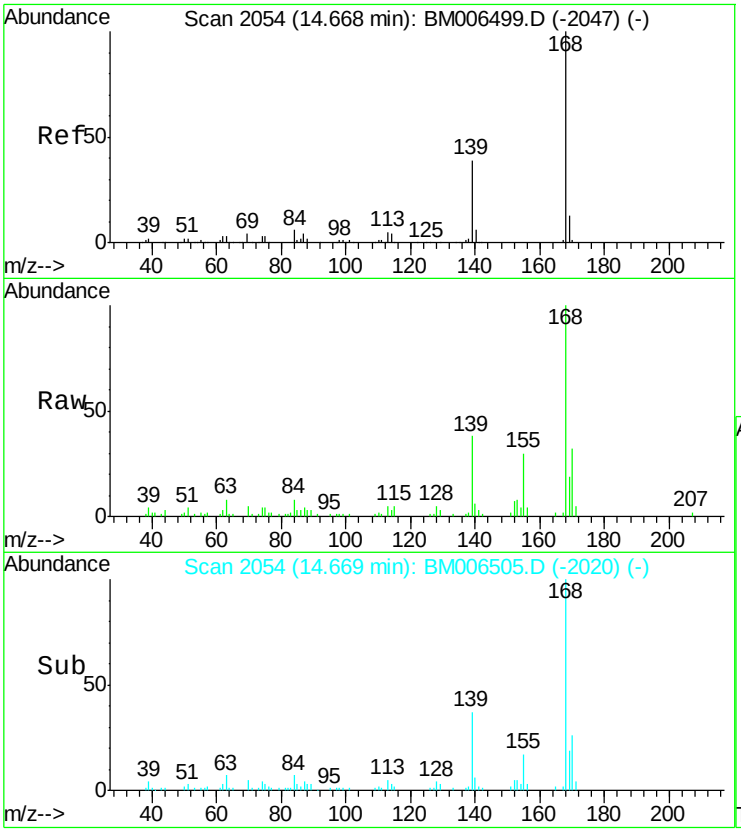


#49
Acenaphthene
Concen: 19.62 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:153 Resp: 388436

Ion	Ratio	Lower	Upper
153	100		
152	47.1	37.7	56.5
154	88.0	70.0	105.0





#53
Dibenzofuran
Concen: 1.94 ng/ul
RT: 14.67 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:168 Resp: 56044

Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.6	46.0

Instrument :
BNA_M
ClientSampleId :
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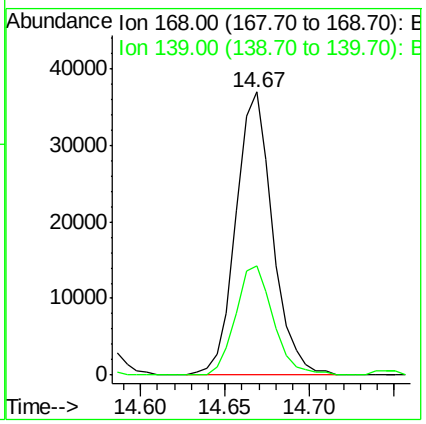
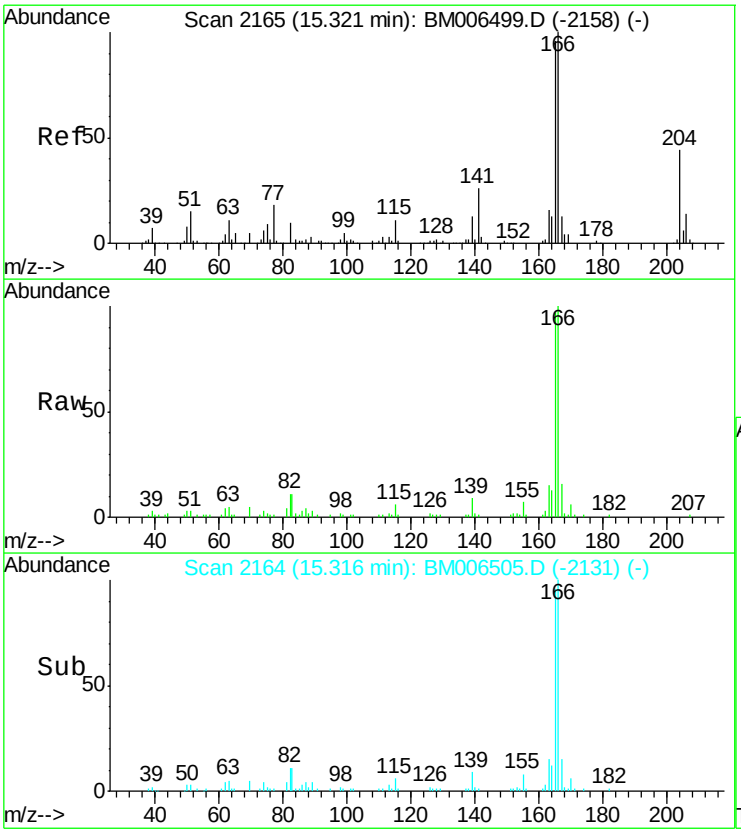
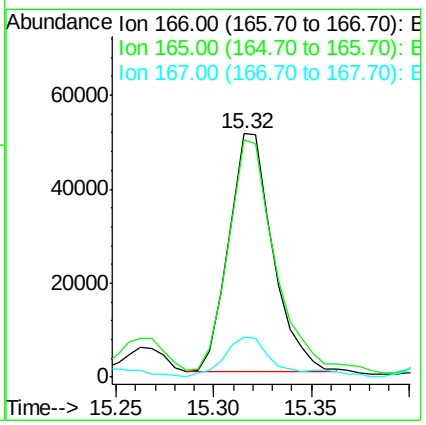


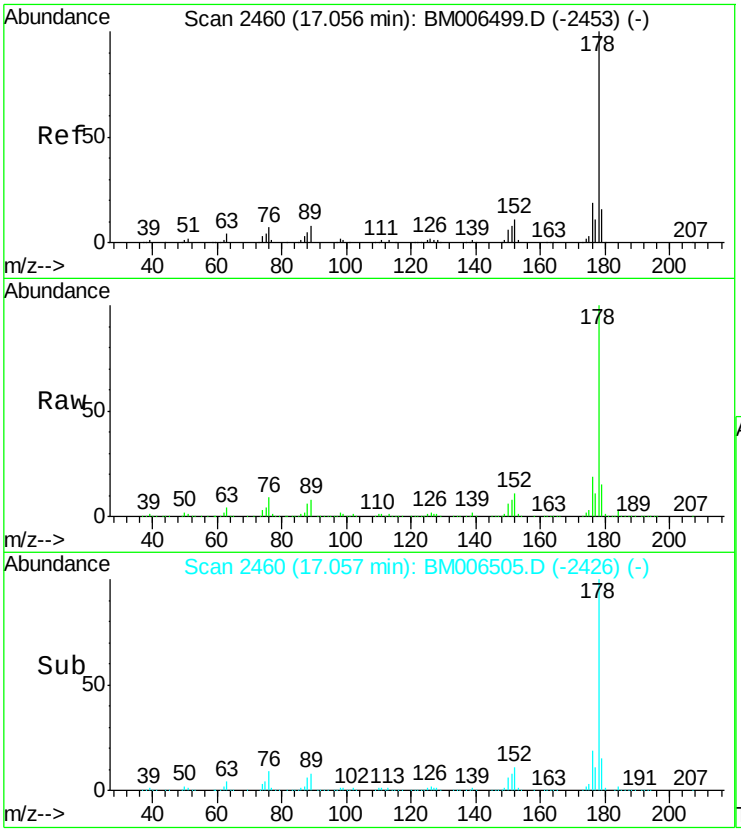


#58
Fluorene
Concen: 3.45 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:166 Resp: 79613

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.5	116.3
167	16.4	10.8	16.2#

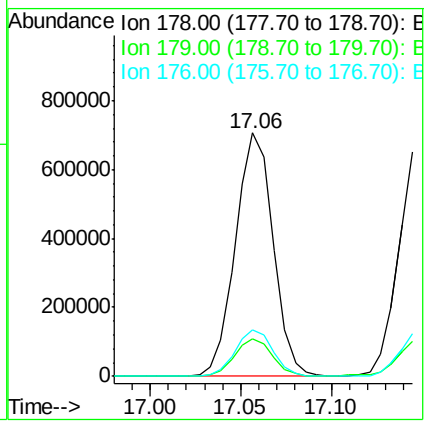




#69
Phenanthrene
Concen: 27.11 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:178 Resp: 1015227

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.9	17.9
176	19.2	15.2	22.8



Instrument :
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BDJ21

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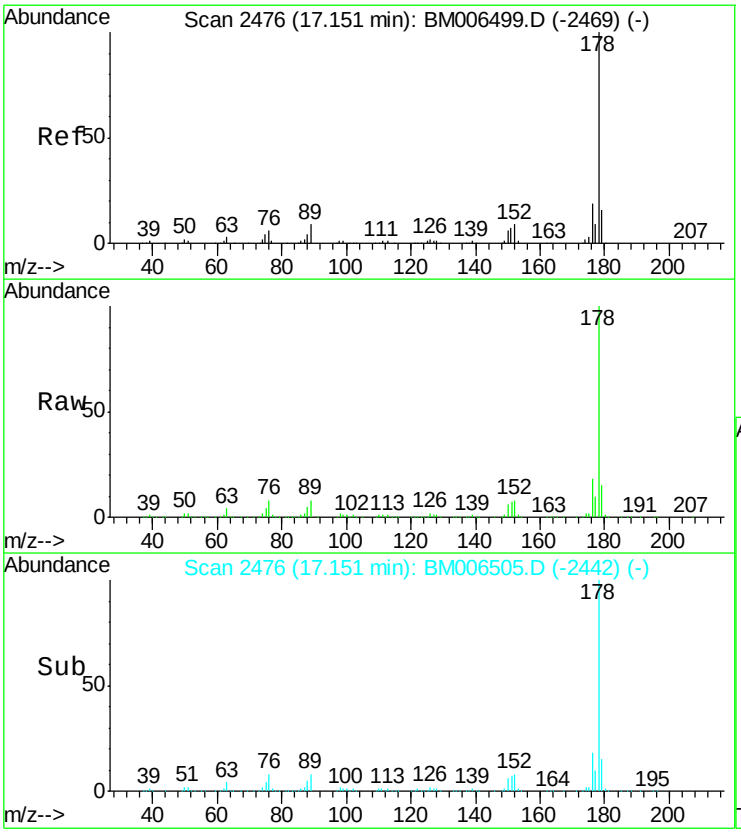
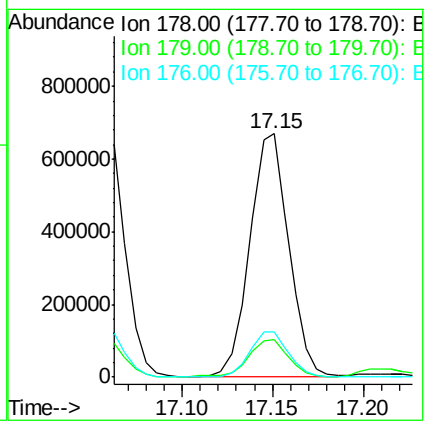
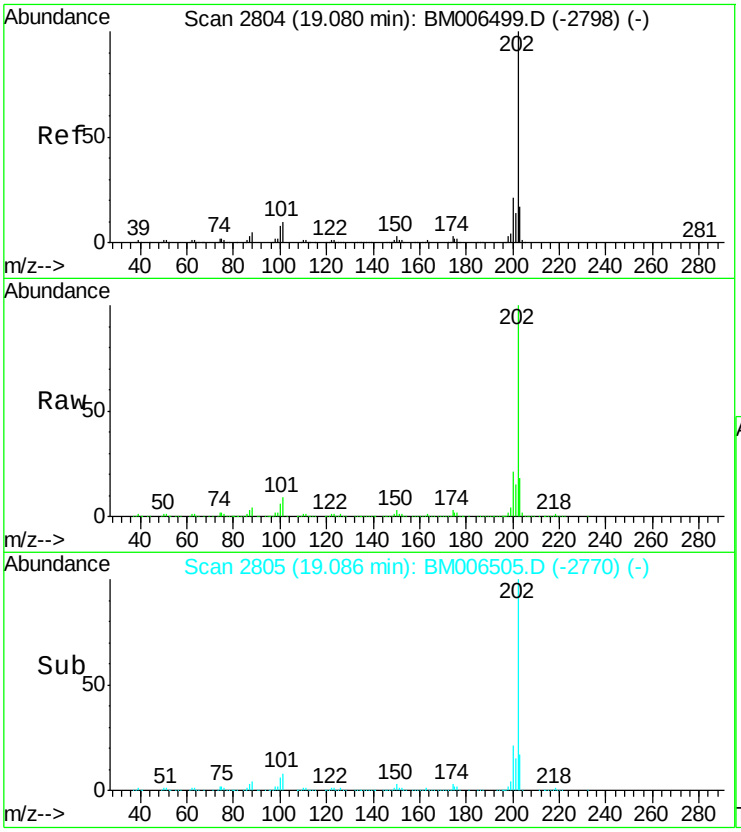


#71
Anthracene
Concen: 25.72 ng/ul
RT: 17.15 min Scan# 2476
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:178 Resp: 990730

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	18.4	15.0	22.6

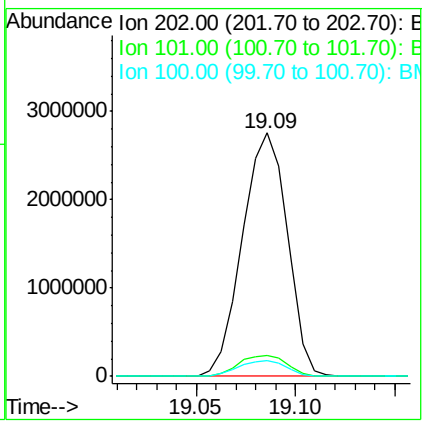




#74
Fluoranthene
Concen: 99.38 ng/ul m
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:202 Resp: 4324827

Ion	Ratio	Lower	Upper
202	100		
101	8.6	8.6	12.8
100	6.4	6.4	9.6#



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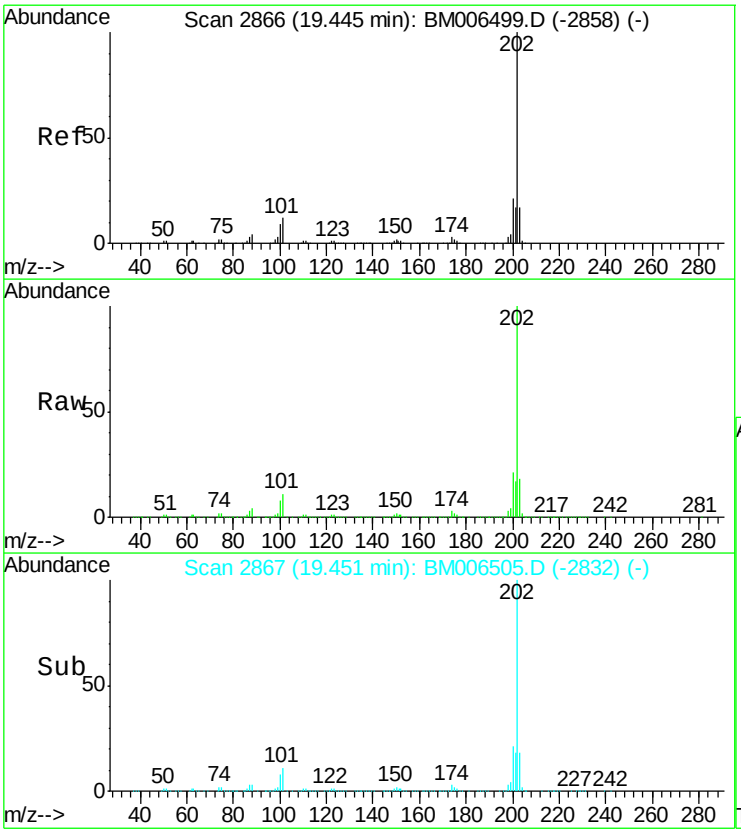
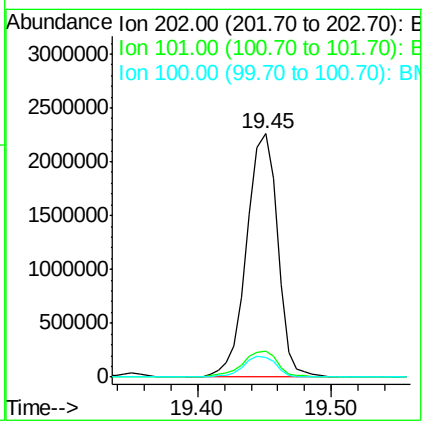
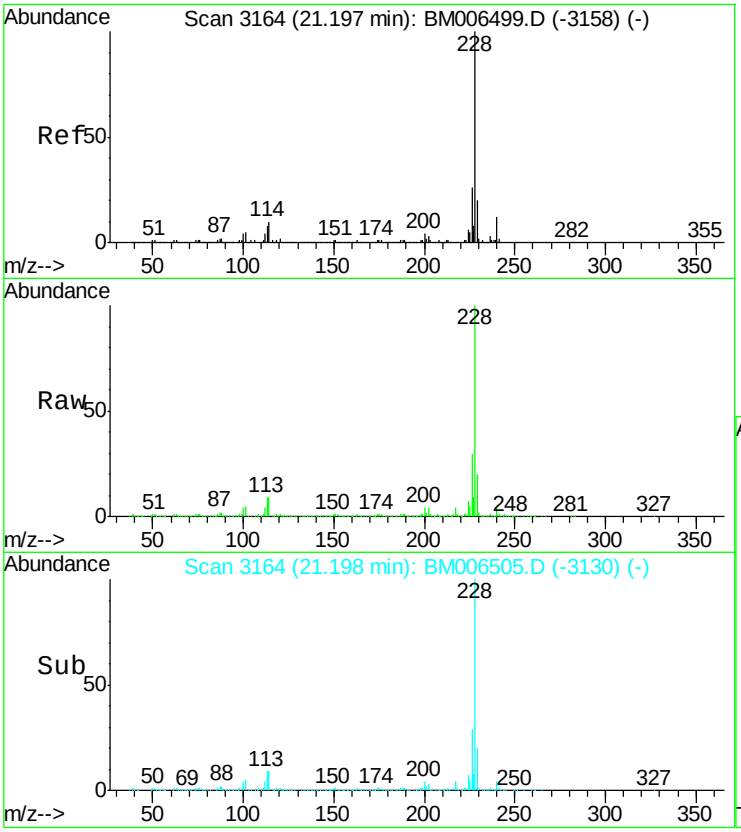


#77
Pyrene
Concen: 80.62 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:202 Resp: 3610988

Ion	Ratio	Lower	Upper
202	100		
101	10.8	10.0	15.0
100	8.3	7.9	11.9

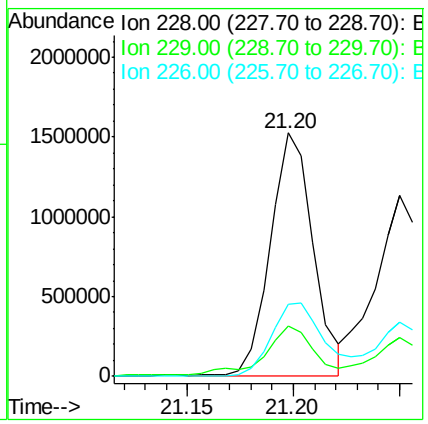




#80
Benzo(a)anthracene
Concen: 46.63 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:228 Resp: 2134886

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	29.5	21.4	32.2



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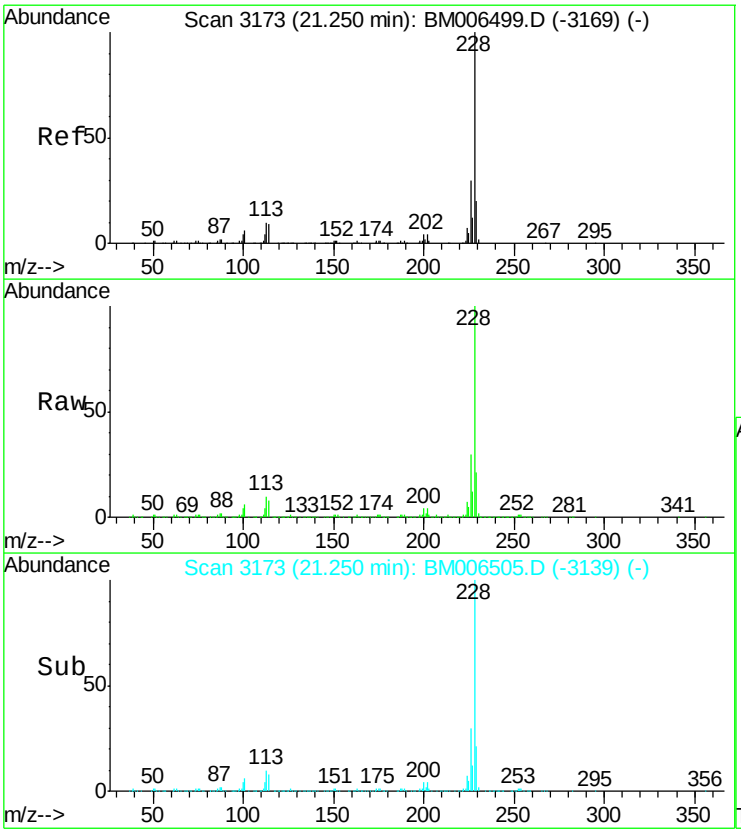
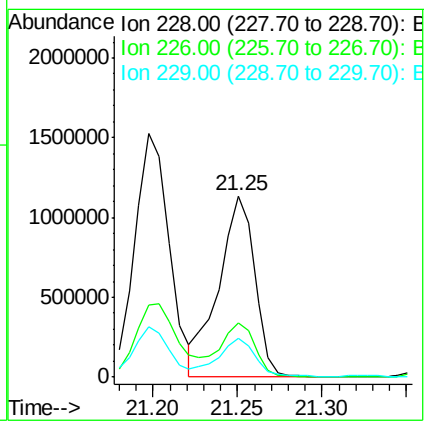
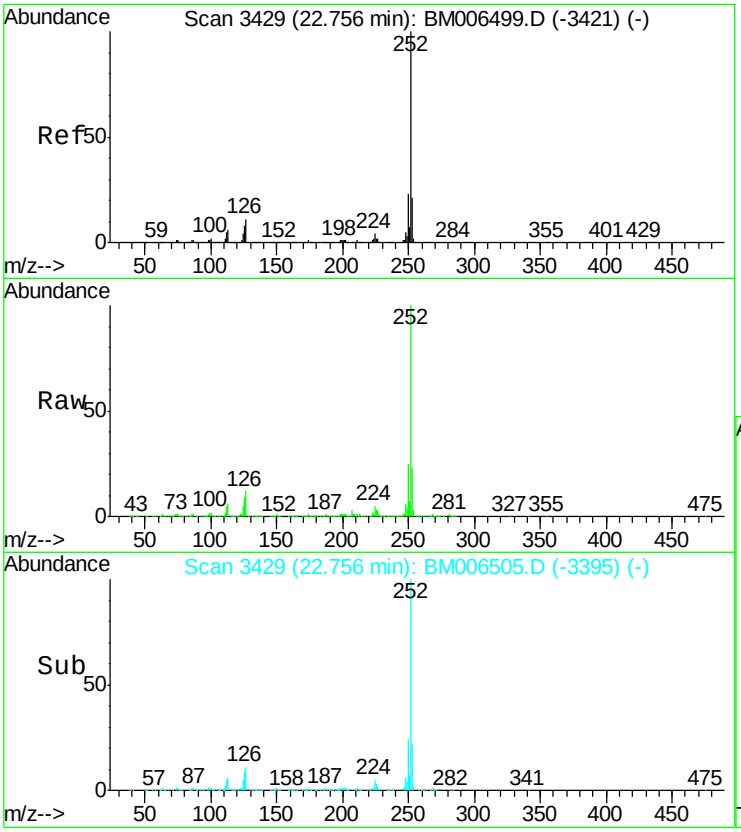


#82
Chrysene
Concen: 39.02 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:228 Resp: 1682092

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.3	34.9
229	21.3	15.8	23.8

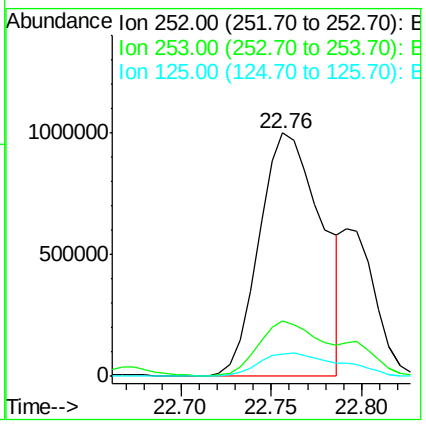




#85
Benzo(b)fluoranthene
Concen: 46.52 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:252 Resp: 2391999

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	9.3	6.7	10.1



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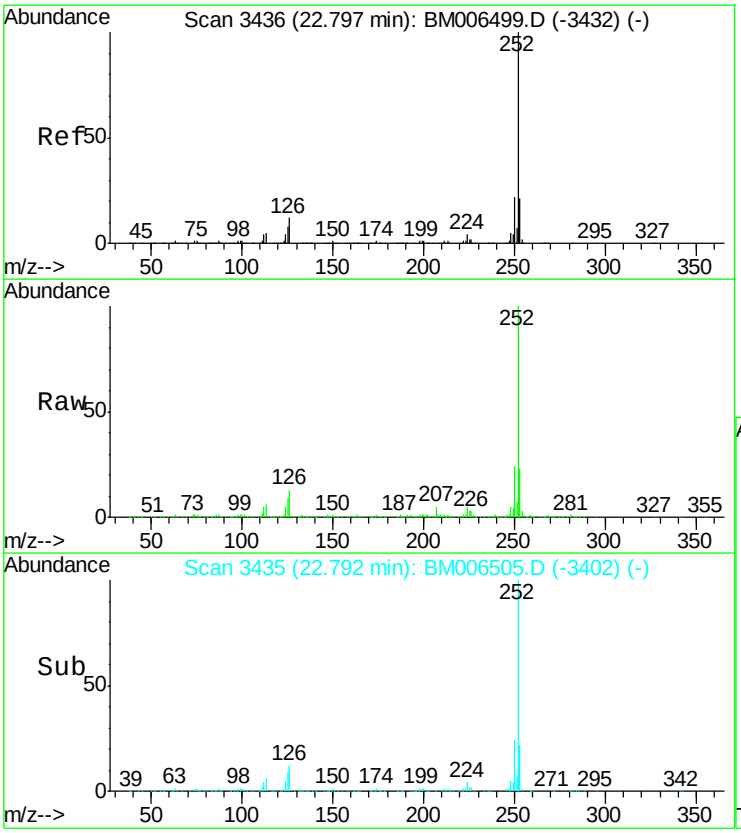
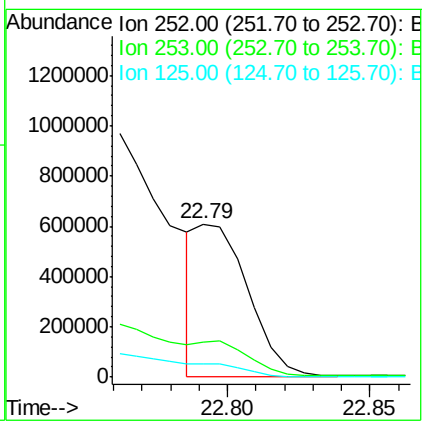
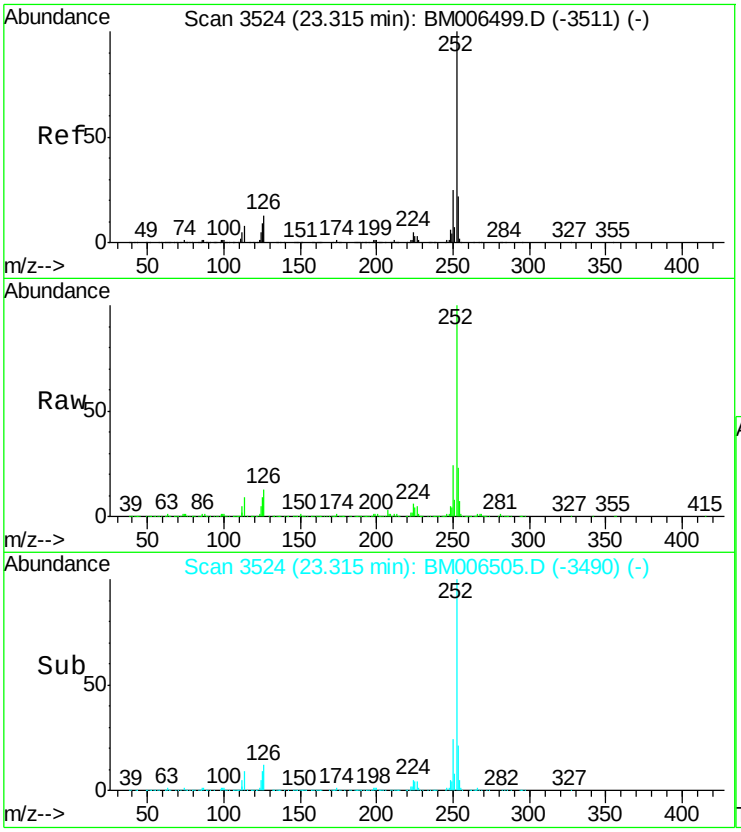


#86
Benzo(k)fluoranthene
Concen: 15.63 ng/ul m
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:252 Resp: 756118

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	9.1	7.0	10.4

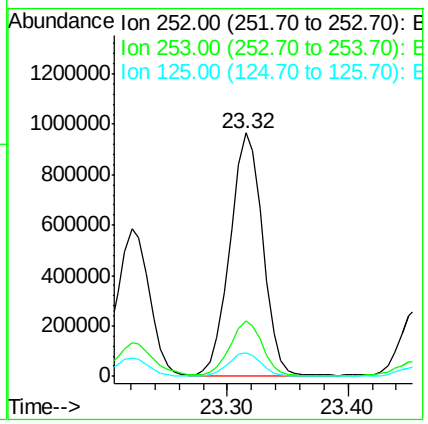




#88
Benzo(a)pyrene
Concen: 36.64 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:252 Resp: 1804320

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	9.4	7.6	11.4



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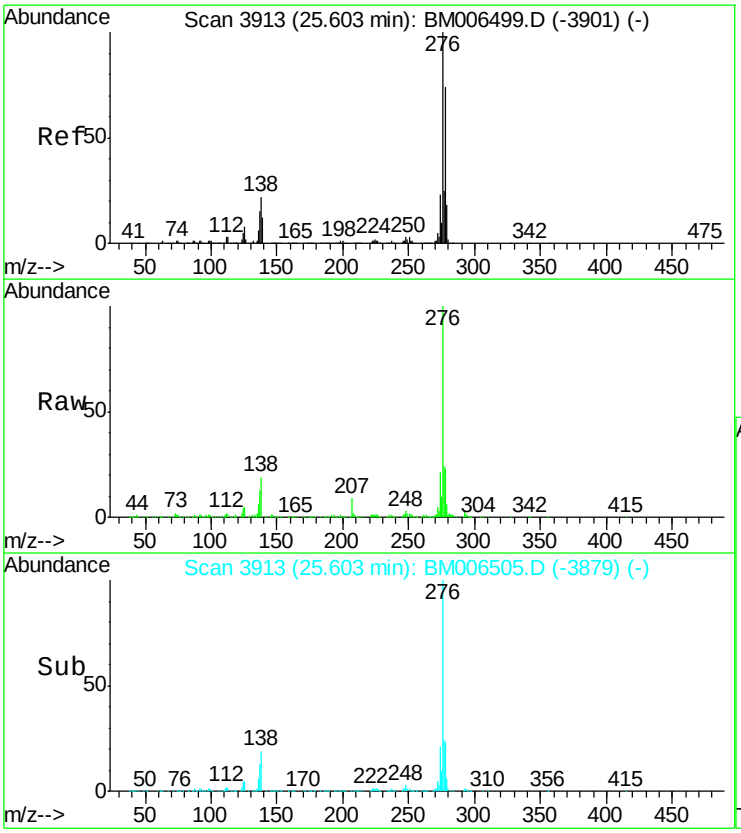
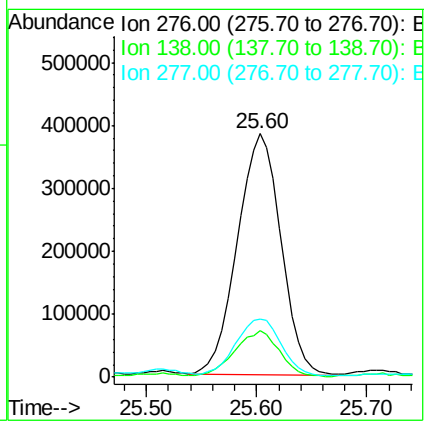
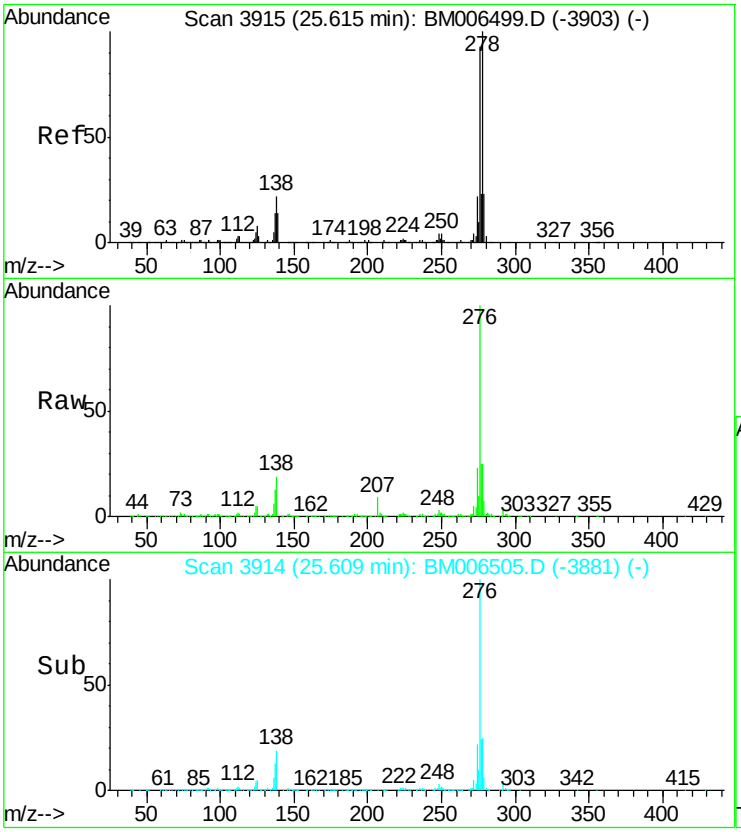


#89
Indeno(1,2,3-cd)pyrene
Concen: 18.55 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:276 Resp: 1063307

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.8	26.6
277	24.0	20.1	30.1

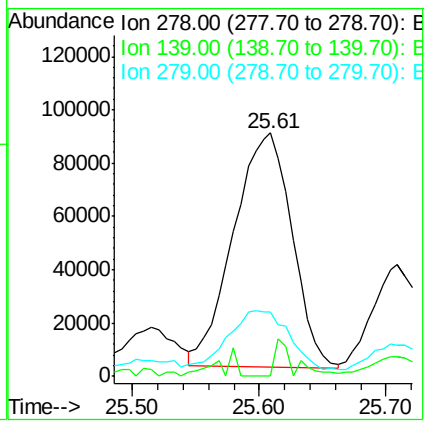




#90
Dibenzo(a,h)anthracene
Concen: 5.88 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:278 Resp: 279992

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.7	17.5#
279	26.4	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
BDJ21

Manual Integrations
APPROVED
sohil
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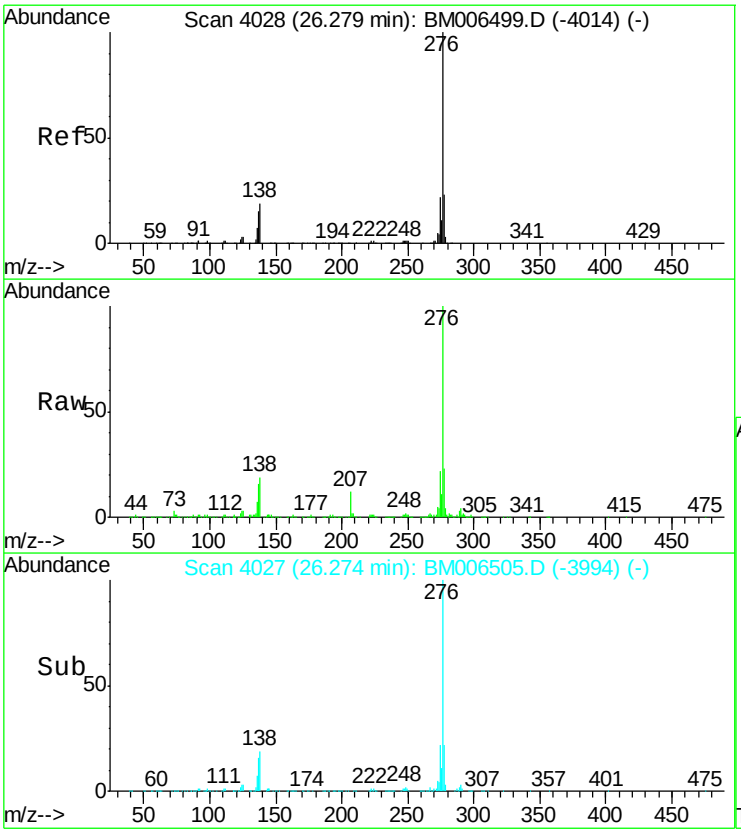

#91
Benzo(g,h,i)perylene
Concen: 17.29 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006505.D
Acq: 17 Jul 2016 08:08

Tgt Ion:276 Resp: 875742

Ion	Ratio	Lower	Upper
276	100		
138	19.3	15.0	22.4
277	22.5	19.0	28.4