Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
Acq On : 23 May 2016 05:21
Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: May 23 08:26:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : JHGK5

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	96125	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	423647	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.47	164	242429	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.22	188	548845	20.00	ng/ul	0.03
75) Chrysene-d12	21.39	240	464455	20.00	ng/ul	0.03
83) Perylene-d12	23.69	264	428494	20.00	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	6616	3.01	ng/uL	0.00
5) Phenol-d5	7.02	99	162321	20.60	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.16	67	90670	19.86	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	132000	20.08	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	132235	20.48	ng/ul	0.04
19) Nitrobenzene-d5	8.99	128	66988	20.68	ng/ul	0.02
22) 2-Nitrophenol-d4	9.71	143	70104	19.66	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	135699	20.21	ng/ul	0.03
29) 4-Chloroaniline-d4	10.76	131	128647	19.13	ng/ul	0.02
43) Dimethylphthalate-d6	13.87	166	419443	21.20	ng/ul	0.02
46) Acenaphthylene-d8	14.16	160	525663	21.25	ng/ul	0.02
51) 4-Nitrophenol-d4	14.70	143	59310	15.85	ng/ul	0.05
57) Fluorene-d10	15.46	176	373321	21.68	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.60	200	11134	3.53	ng/ul	0.04
70) Anthracene-d10	17.32	188	588690	22.52	ng/ul	0.03
76) Pyrene-d10	19.61	212	593138	28.20	ng/ul	0.04
87) Benzo(a)pyrene-d12	23.54	264	447704	22.38	ng/ul	0.05
Target Compounds						Qvalue
6) Phenol	7.05	94	8780	1.08	ng/ul	97
14) Acetophenone	8.65	105	39935	4.11	ng/ul	96
28) Naphthalene	10.67	128	25561	1.20	ng/ul	99
44) Dimethylphthalate	13.92	163	83636	4.28	ng/ul	100
47) Acenaphthylene	14.19	152	198300	7.89	ng/ul	98
49) Acenaphthene	14.53	153	40618	2.45	ng/ul	94
53) Dibenzofuran	14.87	168	29361	1.24	ng/ul	96
58) Fluorene	15.52	166	143059	7.55	ng/ul	98
69) Phenanthrene	17.26	178	1542756	50.30	ng/ul	99
71) Anthracene	17.35	178	425241	13.60	ng/ul	100
72) Carbazole	17.62	167	34051	1.25	ng/ul#	91
74) Fluoranthene	19.27	202	1782325	51.62	ng/ul	96
77) Pyrene	19.64	202	2026252	75.89	ng/ul#	94
80) Benzo(a)anthracene	21.38	228	636784	23.33	ng/ul#	88
81) Bis(2-ethylhexyl)phthalate	21.29	149	16949	1.07	ng/ul#	75
82) Chrysene	21.43	228	639909	24.64	ng/ul	95
85) Benzo(b)fluoranthene	23.00	252	550892	21.80	ng/ul#	91
86) Benzo(k)fluoranthene	23.04	252	196912m	8.23	ng/ul	
88) Benzo(a)pyrene	23.59	252	533427	21.76	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.03	276	286726	9.85	ng/ul	96
90) Dibenzo(a,h)anthracene	26.03	278	70045	2.89	ng/ul#	70
91) Benzo(g,h,i)perylene	26.74	276	251876	10.29	ng/ul	95

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005610.D
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Operator : UM/SJ
Sample : H3087-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGK5

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Quant Time: May 23 08:26:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
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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\BM052216\
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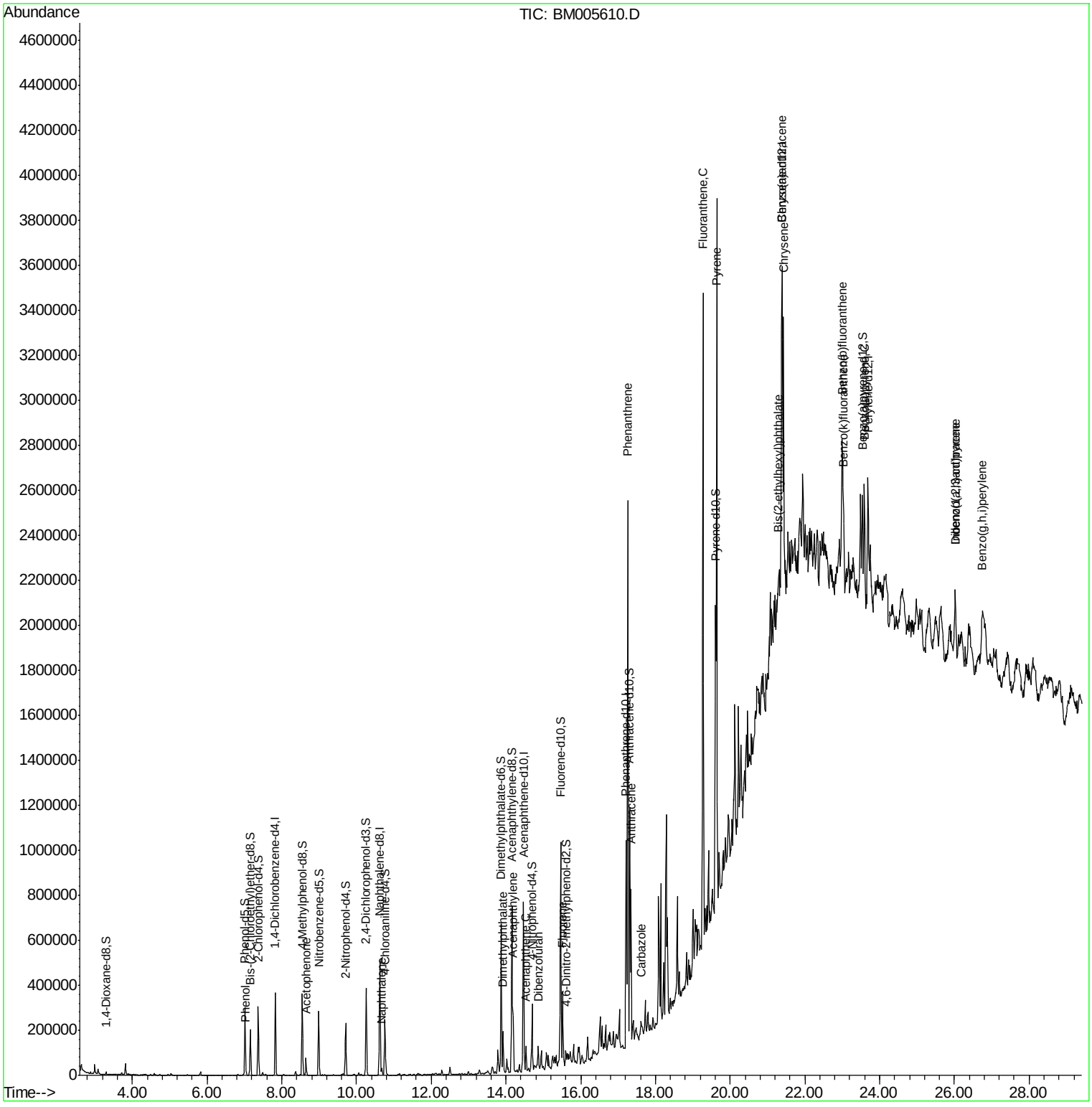
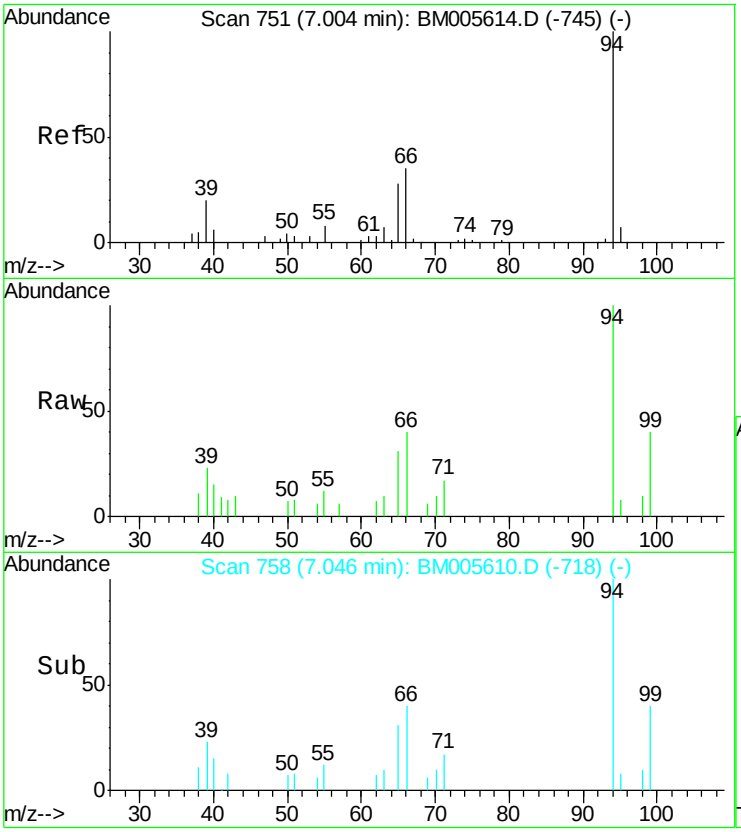
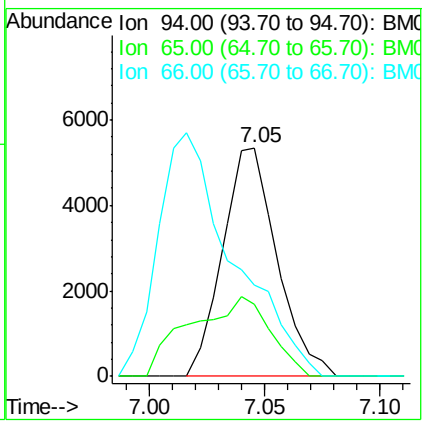




#6
Phenol
Concen: 1.08 ng/ul
RT: 7.05 min Scan# 758
Delta R.T. 0.04 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion: 94 Resp: 8780

Ion	Ratio	Lower	Upper
94	100		
65	31.3	24.2	36.2
66	39.7	33.9	50.9



Instrument :
BNA_M
ClientSampleId :
JHGK5

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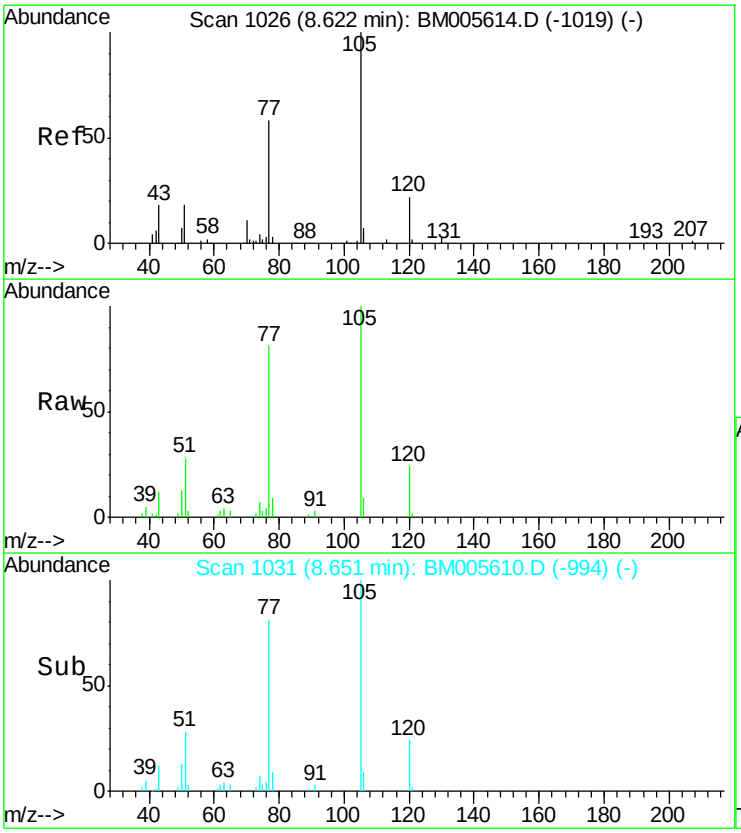
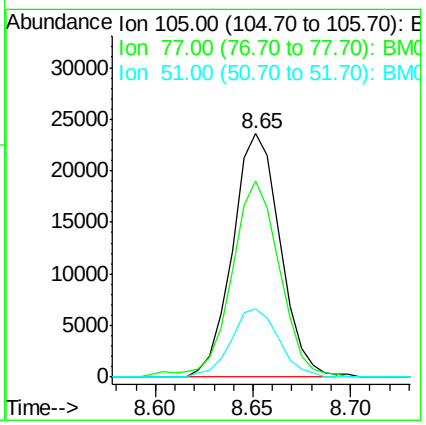
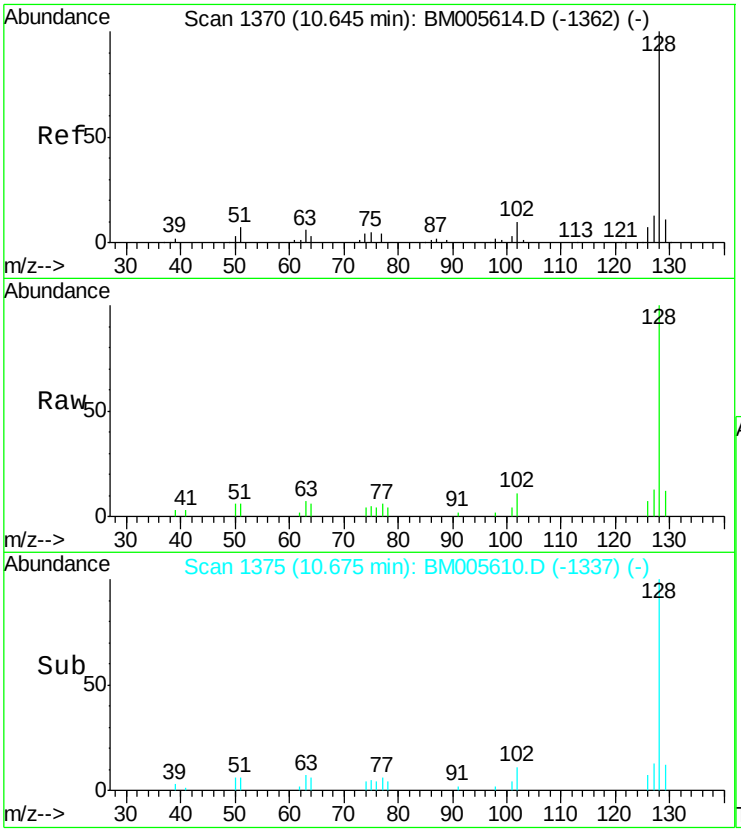


#14
Acetophenone
Concen: 4.11 ng/ul
RT: 8.65 min Scan# 1031
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:105 Resp: 39935

Ion	Ratio	Lower	Upper
105	100		
77	80.8	60.8	91.2
51	28.1	22.2	33.2

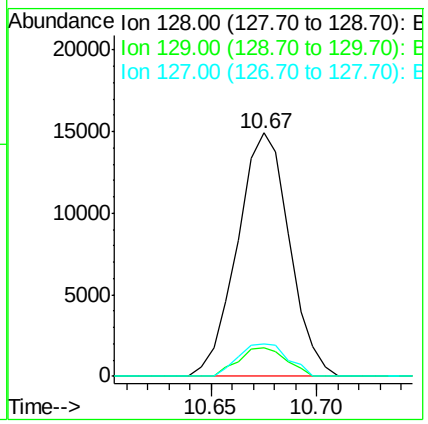




#28
Naphthalene
Concen: 1.20 ng/ul
RT: 10.67 min Scan# 1375
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:128 Resp: 25561

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.2	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
JHGK5

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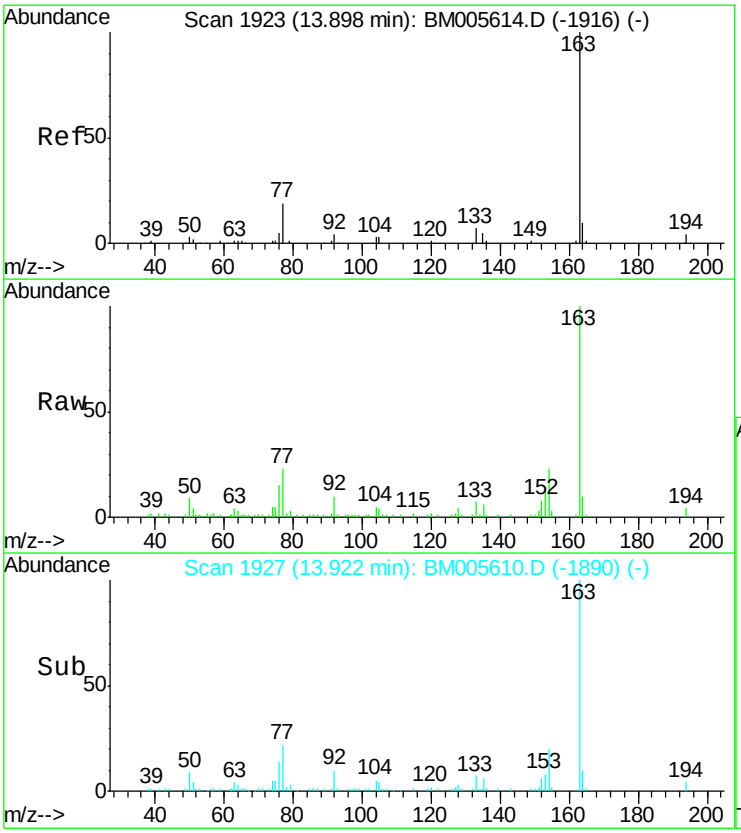
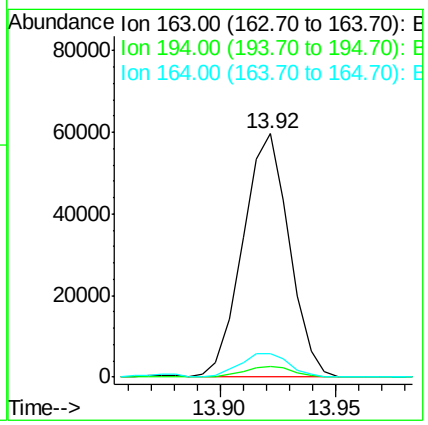
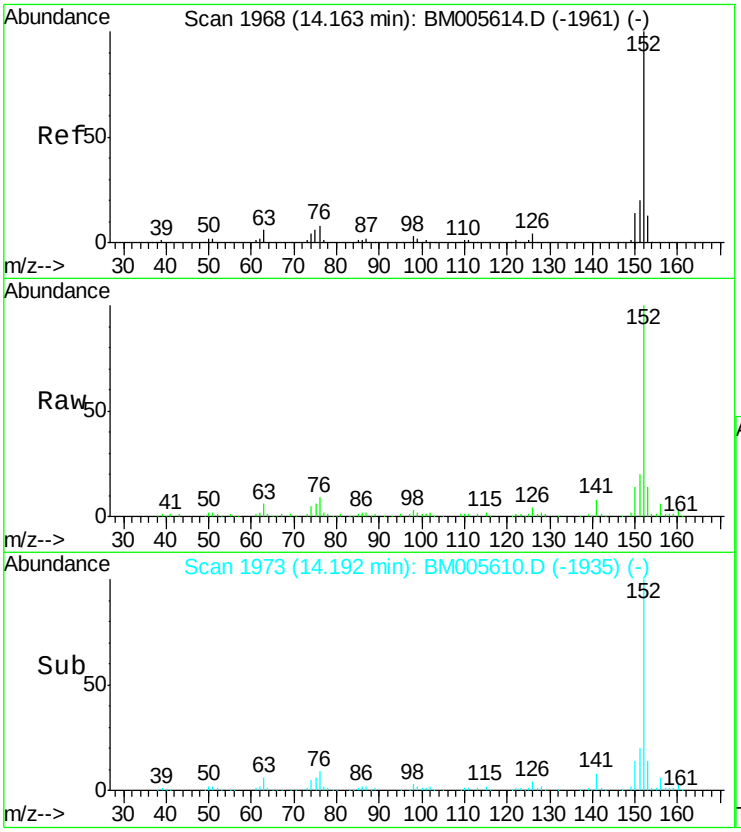


#44
Dimethylphthalate
Concen: 4.28 ng/ul
RT: 13.92 min Scan# 1927
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:163 Resp: 83636

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	8.0	12.0

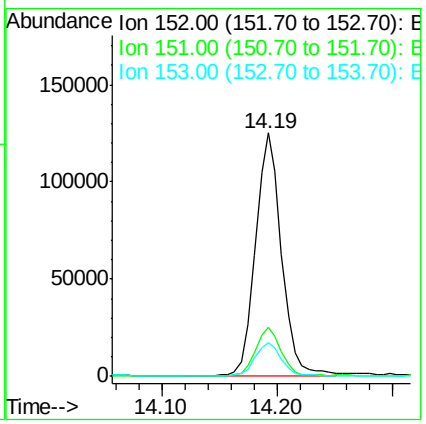




#47
Acenaphthylene
Concen: 7.89 ng/ul
RT: 14.19 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:152 Resp: 198300

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.7	23.5
153	13.9	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
JHGK5

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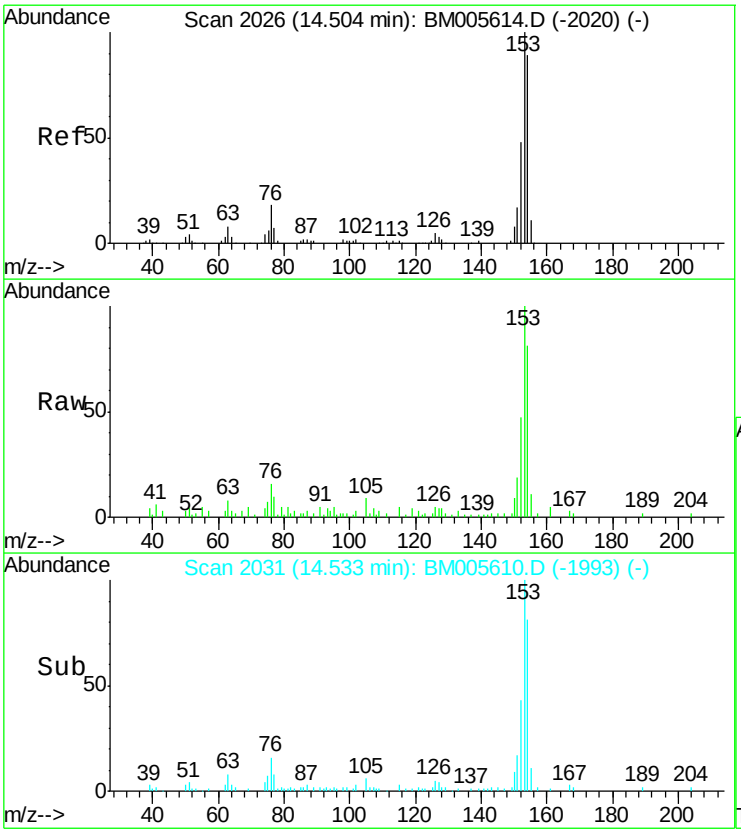
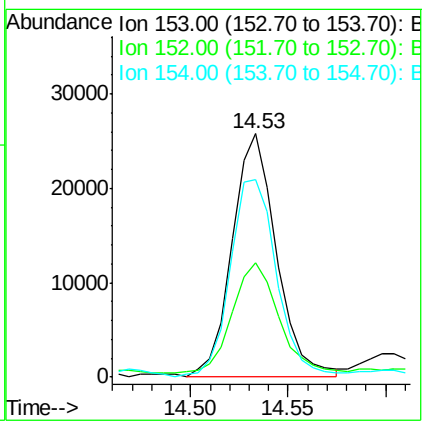
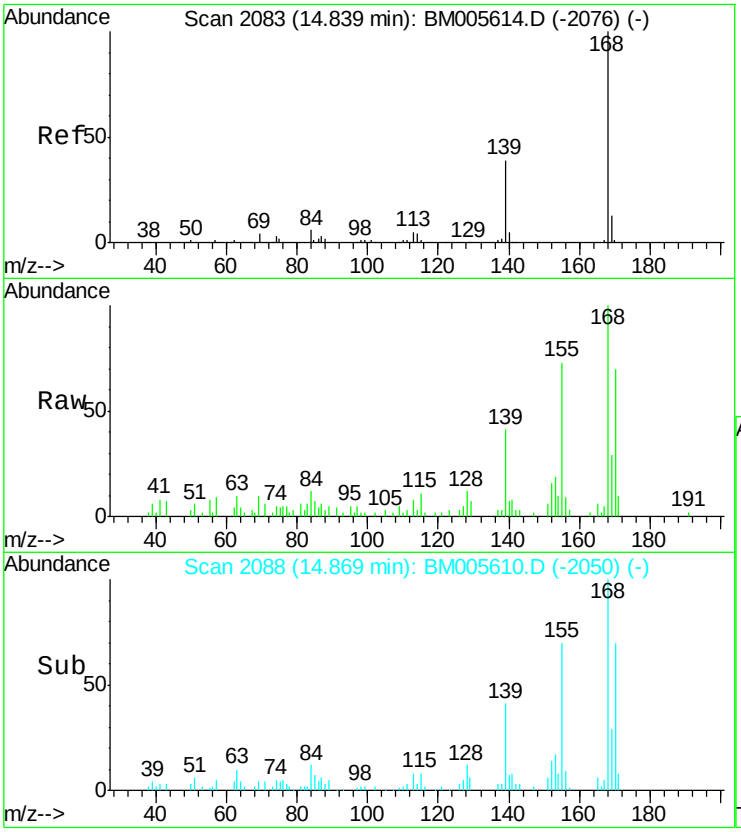


#49
Acenaphthene
Concen: 2.45 ng/ul
RT: 14.53 min Scan# 2031
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:153 Resp: 40618

Ion	Ratio	Lower	Upper
153	100		
152	46.8	37.8	56.6
154	81.3	71.1	106.7

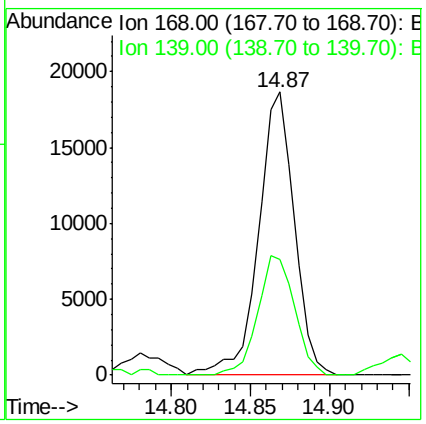




#53
Dibenzofuran
Concen: 1.24 ng/ul
RT: 14.87 min Scan# 2088
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:168 Resp: 29361

Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.6	46.0



Instrument :
BNA_M
ClientSampleId :
JHGK5

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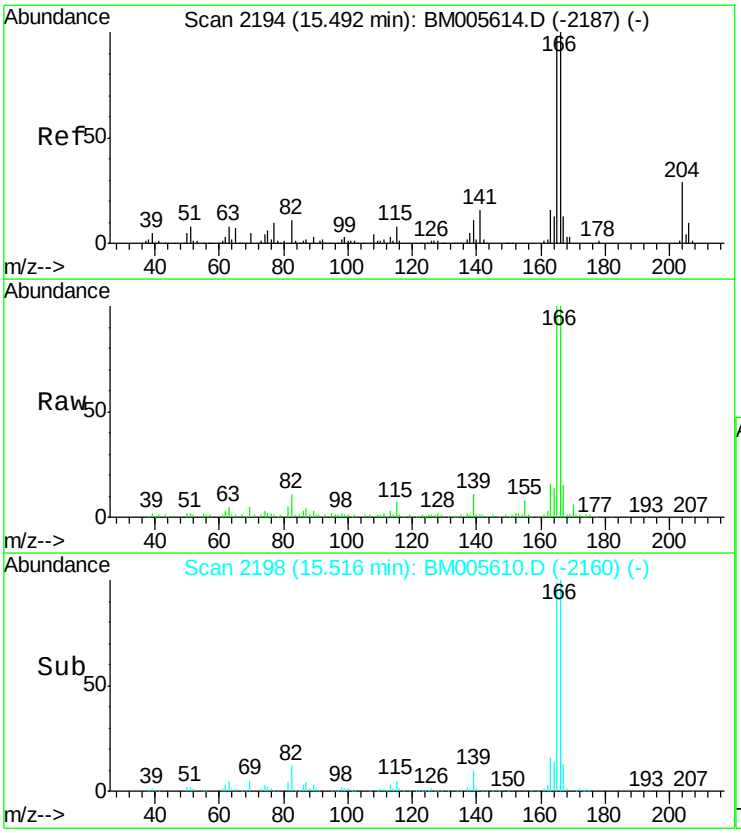
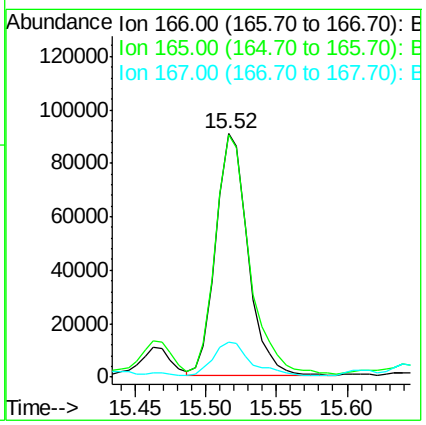
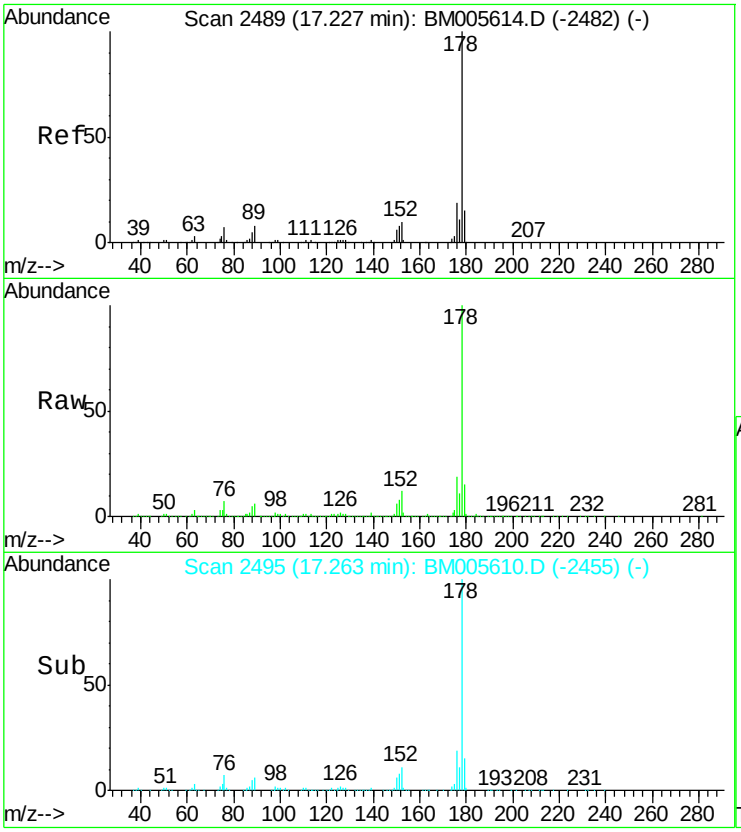


#58
Fluorene
Concen: 7.55 ng/ul
RT: 15.52 min Scan# 2198
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:166 Resp: 143059

Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.0	117.0
167	14.6	10.5	15.7

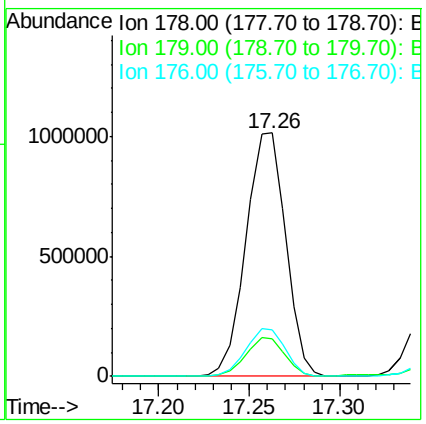




#69
Phenanthrene
Concen: 50.30 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. 0.04 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:178 Resp: 1542756

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.3	15.8	23.6



Instrument :
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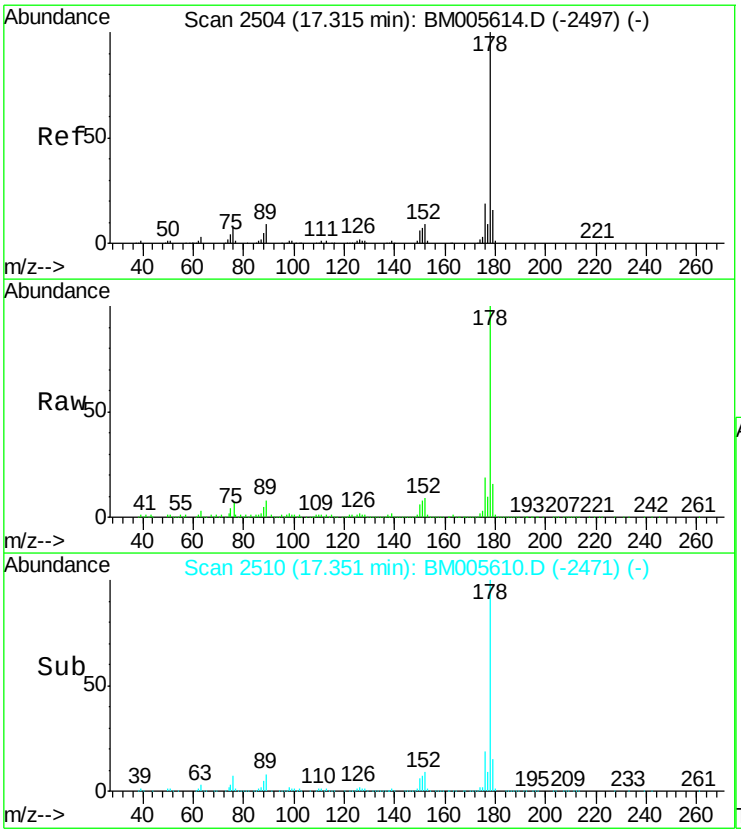
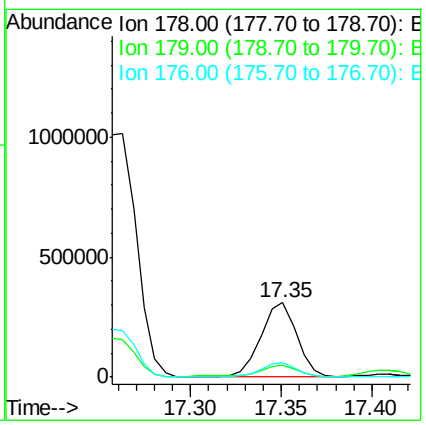
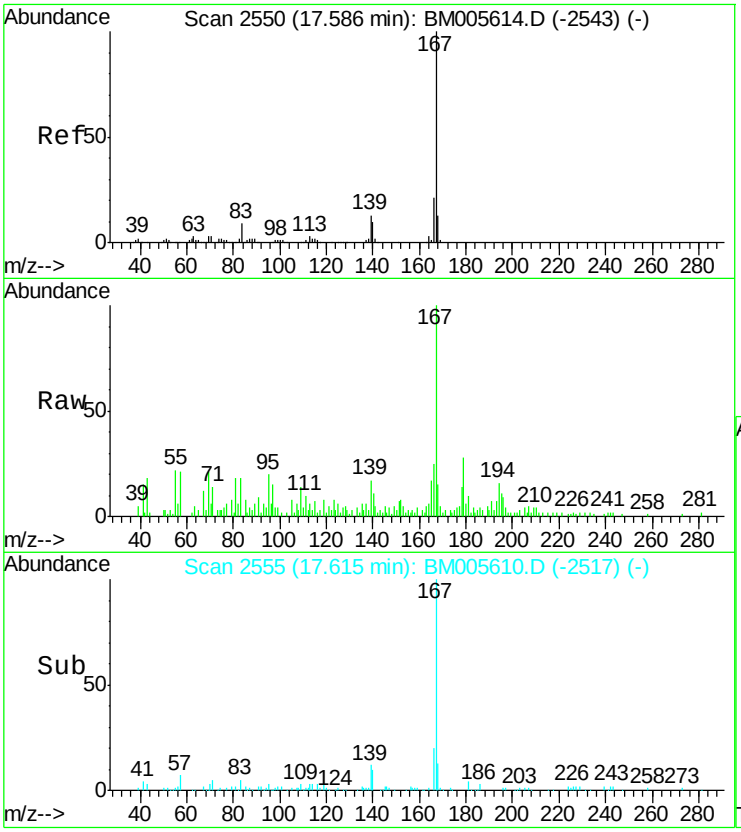


#71
Anthracene
Concen: 13.60 ng/ul
RT: 17.35 min Scan# 2510
Delta R.T. 0.03 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:178 Resp: 425241

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.8	15.0	22.4





#72
Carbazole
Concen: 1.25 ng/ul
RT: 17.62 min Scan# 2555
Delta R.T. 0.02 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:167 Resp: 34051

Ion	Ratio	Lower	Upper
167	100		
166	24.8	16.9	25.3
139	17.2	10.6	16.0#

Instrument :
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ClientSampleId :
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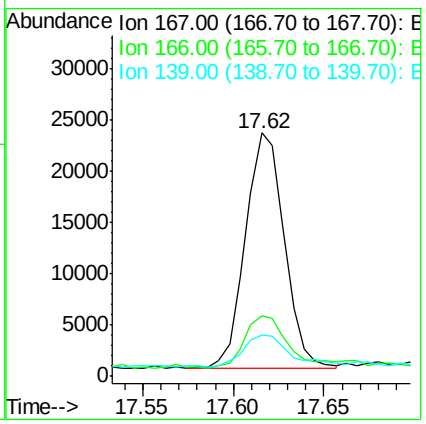
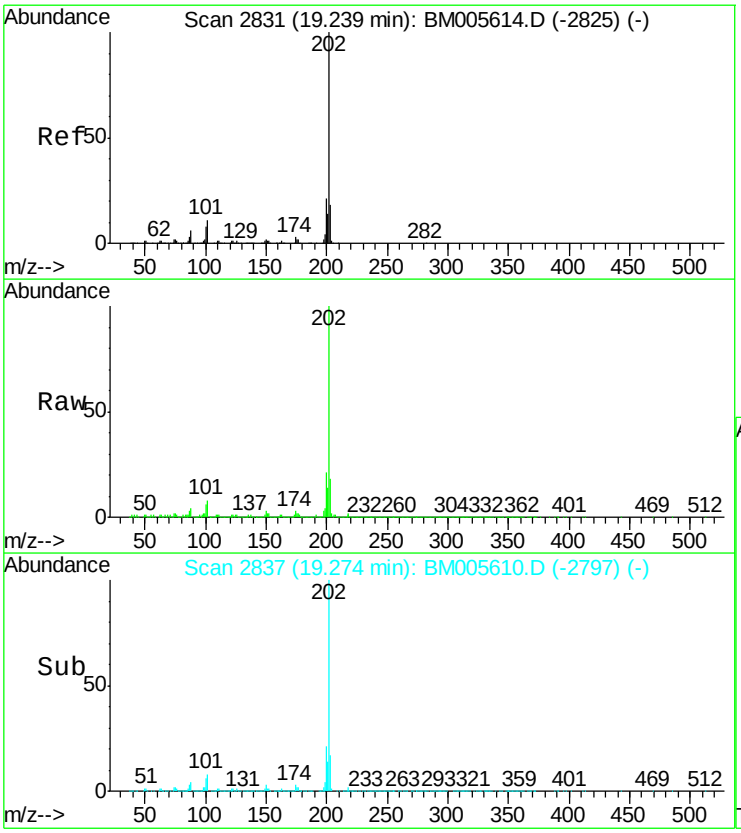
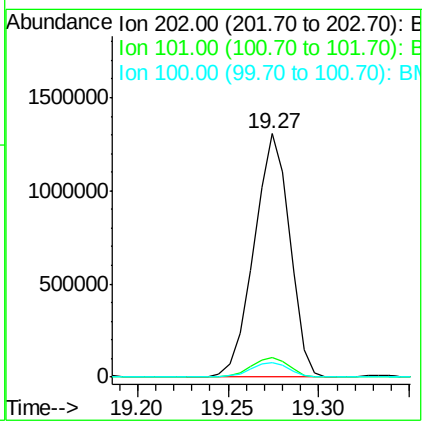


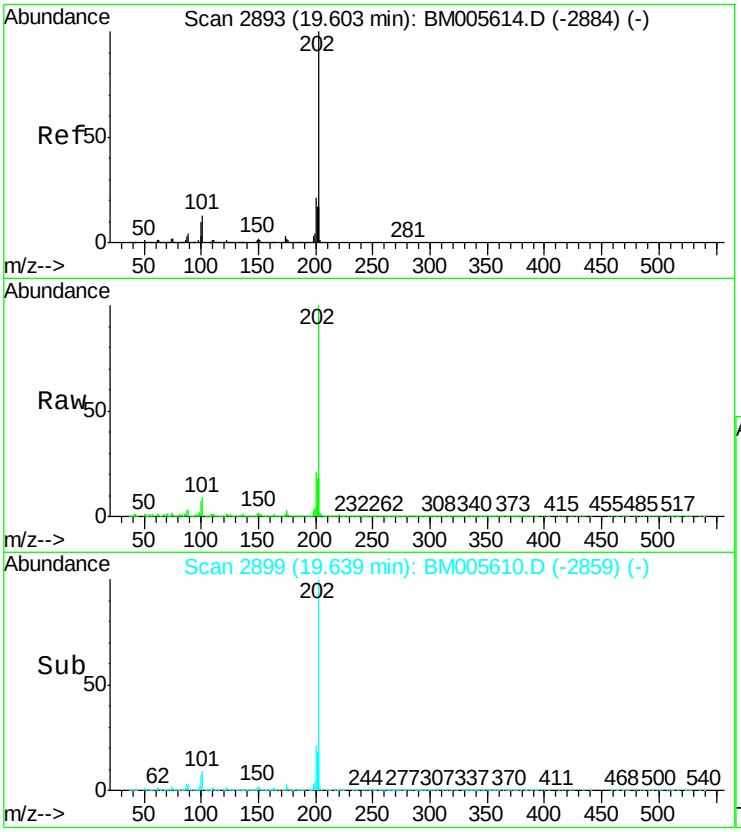


#74
Fluoranthene
Concen: 51.62 ng/ul
RT: 19.27 min Scan# 2837
Delta R.T. 0.04 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:202 Resp: 1782325

Ion	Ratio	Lower	Upper
202	100		
101	8.3	7.9	11.9
100	6.0	5.6	8.4

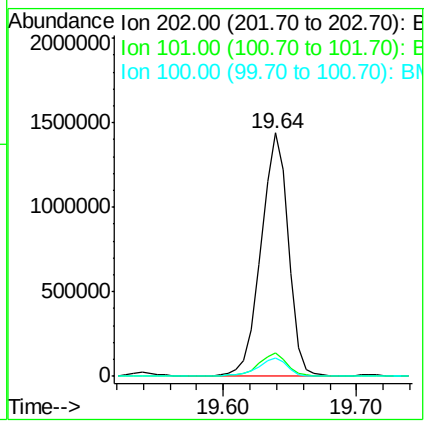




#77
Pyrene
Concen: 75.89 ng/ul
RT: 19.64 min Scan# 2899
Delta R.T. 0.04 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:202 Resp: 2026252

Ion	Ratio	Lower	Upper
202	100		
101	9.4	9.6	14.4#
100	7.5	7.8	11.6#



Instrument :
BNA_M
ClientSampleId :
JHGK5

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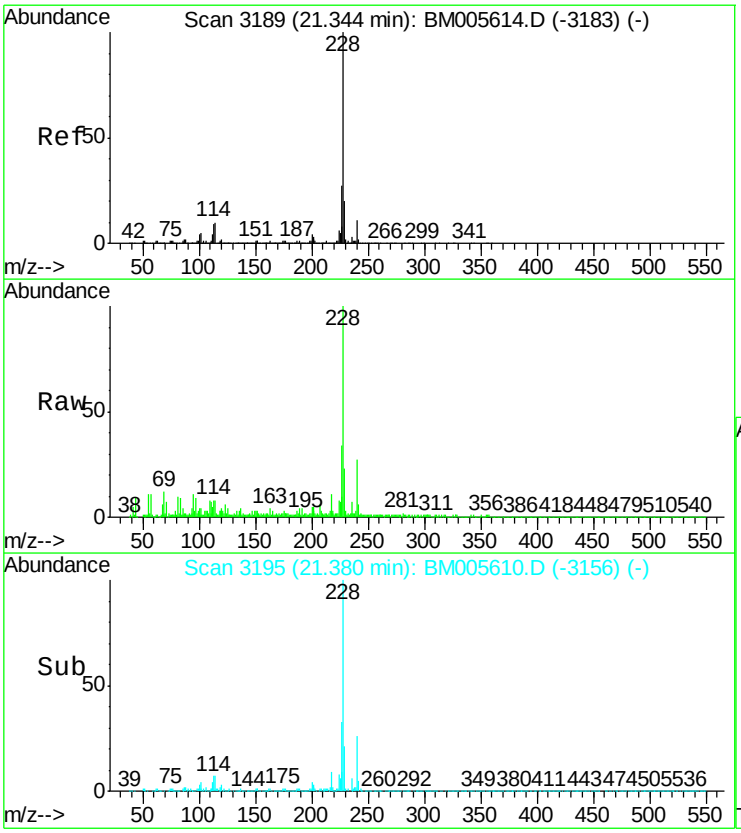
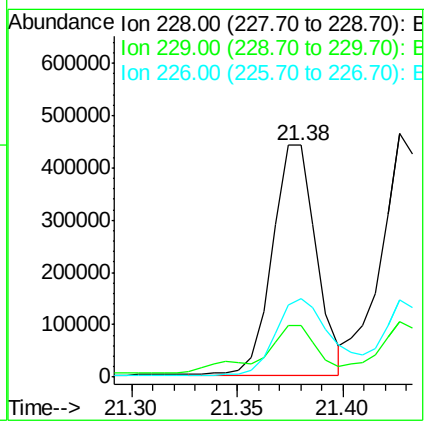
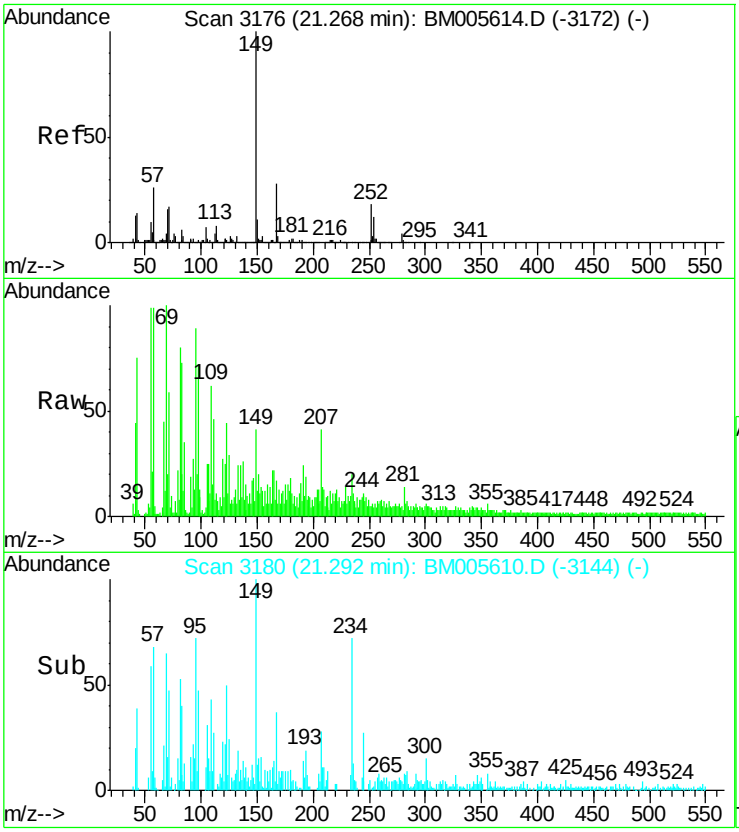


#80
Benzo(a)anthracene
Concen: 23.33 ng/ul
RT: 21.38 min Scan# 3195
Delta R.T. 0.03 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:228 Resp: 636784

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.4	23.2
226	34.1	21.0	31.4#

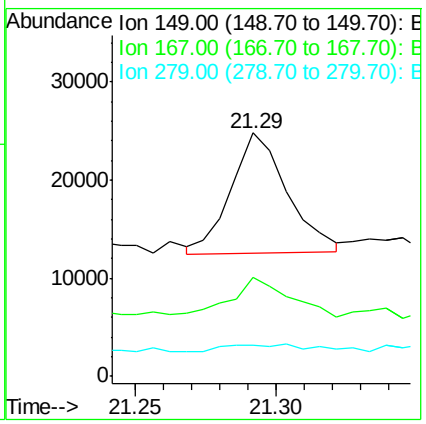




#81
Bis(2-ethylhexyl)phthalate
Concen: 1.07 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:149 Resp: 16949

Ion	Ratio	Lower	Upper
149	100		
167	40.6	22.0	33.0#
279	12.5	3.8	5.8#



Instrument :
BNA_M
ClientSampleId :
JHGK5

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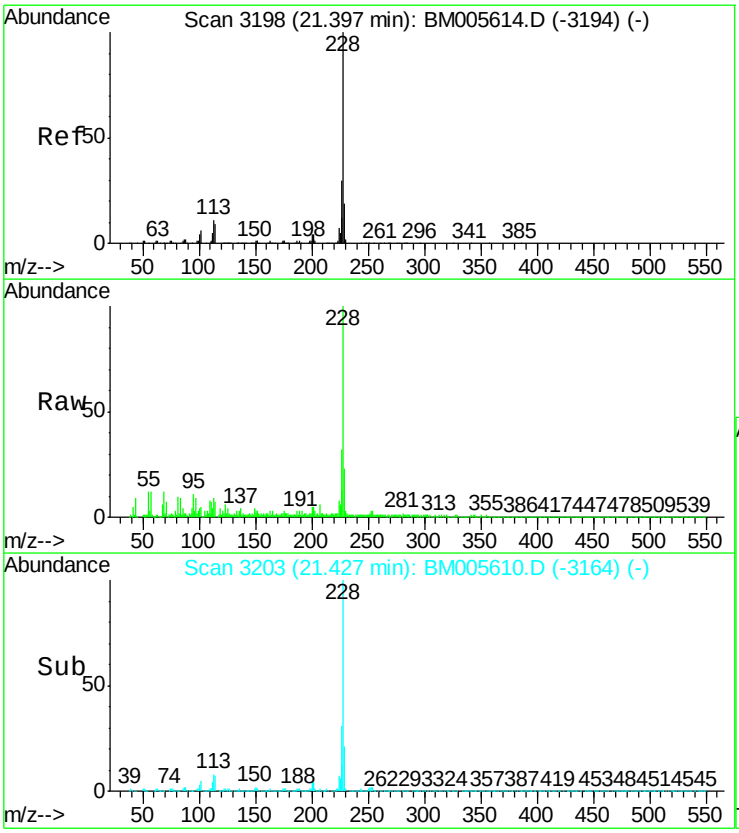
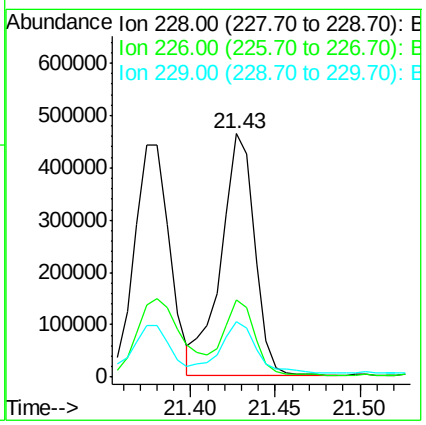
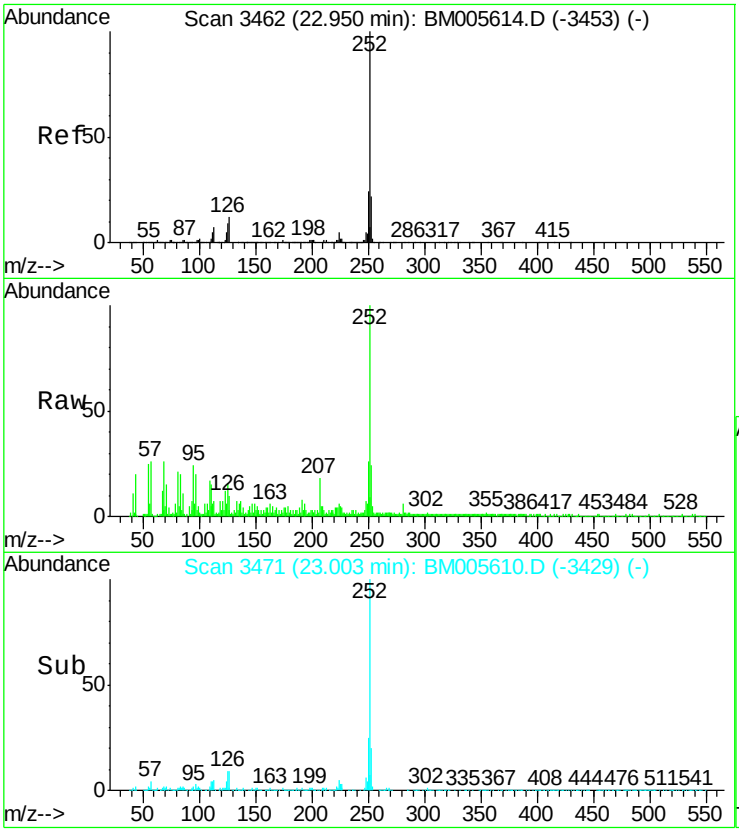


#82
Chrysene
Concen: 24.64 ng/ul
RT: 21.43 min Scan# 3203
Delta R.T. 0.03 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:228 Resp: 639909

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.7	35.5
229	22.5	15.5	23.3





#85
Benzo(b)fluoranthene
Concen: 21.80 ng/ul
RT: 23.00 min Scan# 3471
Delta R.T. 0.05 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:252 Resp: 550892

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	15.9	7.0	10.4#

Instrument :
BNA_M
ClientSampleId :
JHGK5

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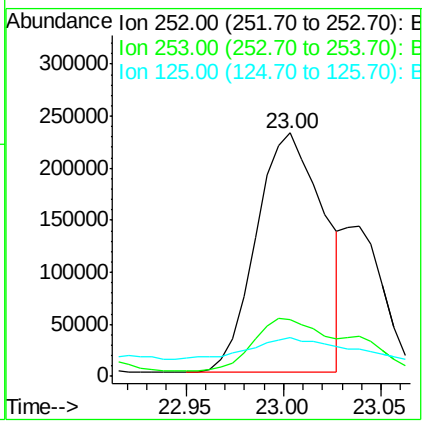
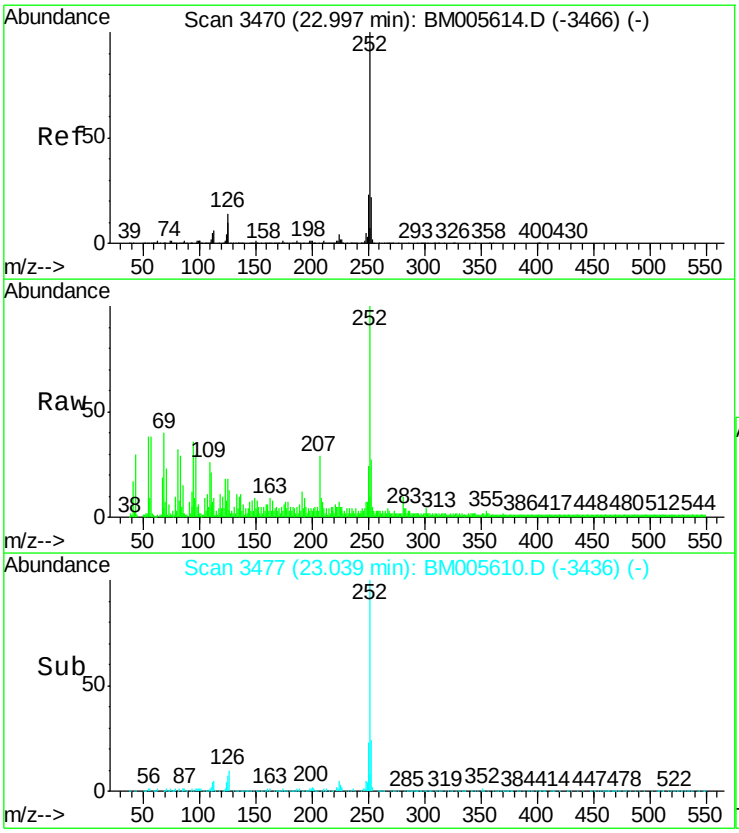
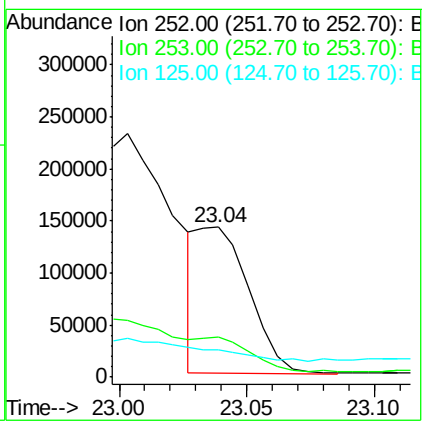


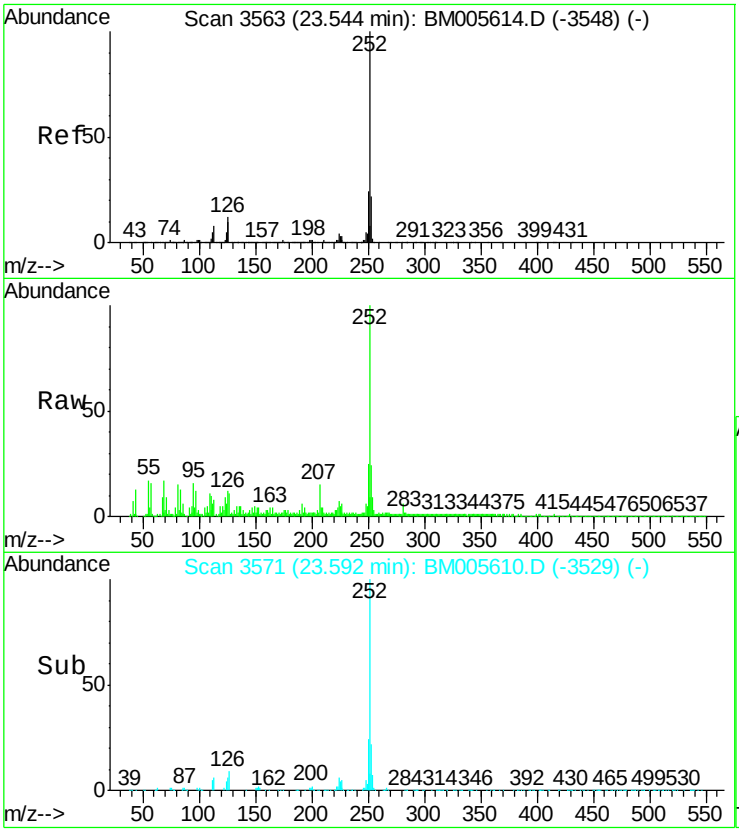


#86
Benzo(k)fluoranthene
Concen: 8.23 ng/ul m
RT: 23.04 min Scan# 3477
Delta R.T. 0.04 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:252 Resp: 196912

Ion	Ratio	Lower	Upper
252	100		
253	26.7	17.5	26.3#
125	18.3	7.0	10.6#





#88
Benzo(a)pyrene
Concen: 21.76 ng/ul
RT: 23.59 min Scan# 3571
Delta R.T. 0.05 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:252 Resp: 533427

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	12.4	7.6	11.4#

Instrument :
BNA_M
ClientSampleId :
JHGK5

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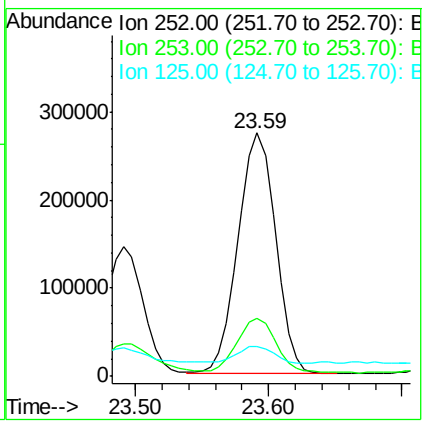
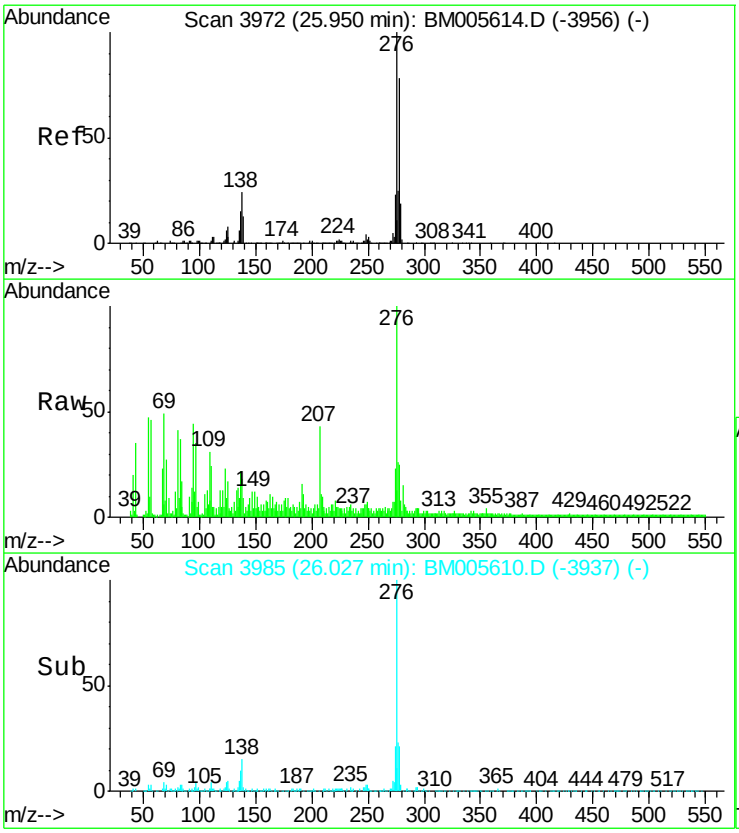
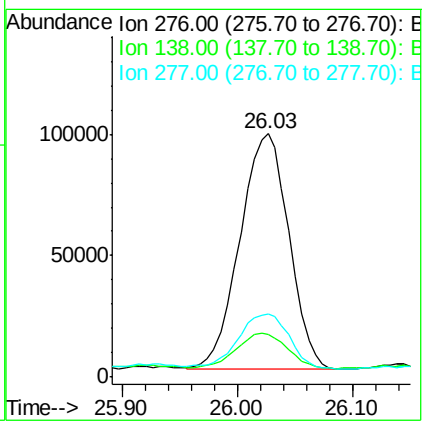


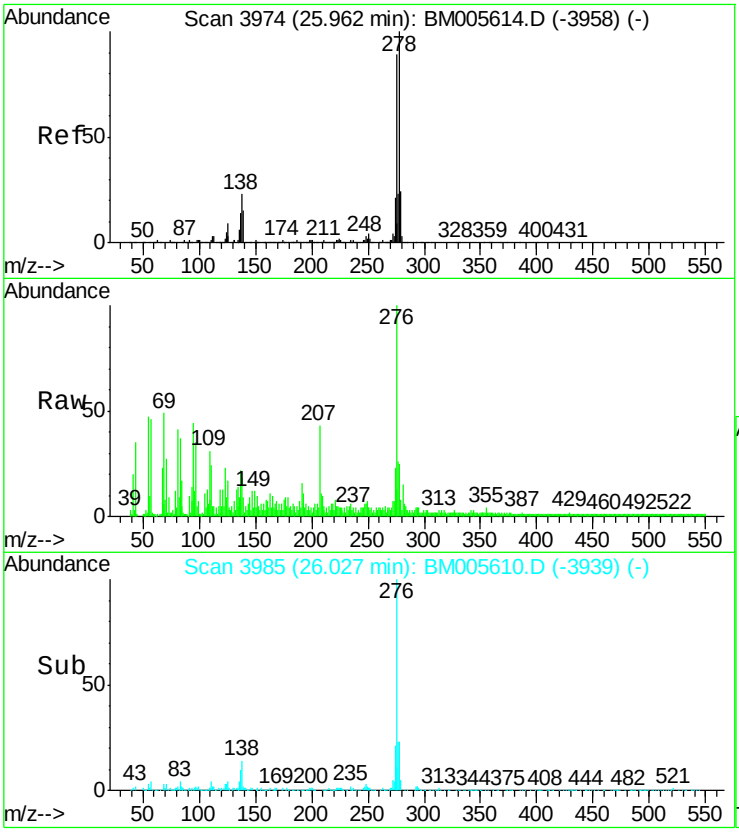


#89
Indeno(1,2,3-cd)pyrene
Concen: 9.85 ng/ul
RT: 26.03 min Scan# 3985
Delta R.T. 0.08 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:276 Resp: 286726

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.9	25.3
277	25.8	20.2	30.4

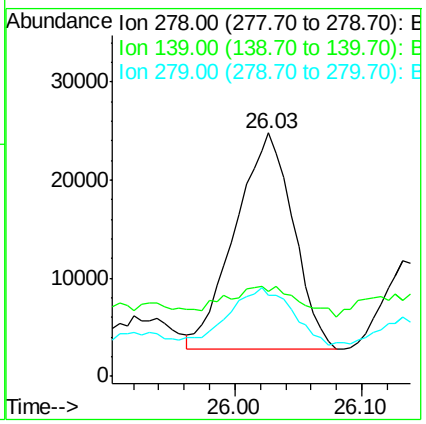




#90
Dibenzo(a,h)anthracene
Concen: 2.89 ng/ul
RT: 26.03 min Scan# 3985
Delta R.T. 0.07 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:278 Resp: 70045

Ion	Ratio	Lower	Upper
278	100		
139	34.9	11.8	17.6#
279	33.5	19.4	29.2#



Instrument :
BNA_M
ClientSampleId :
JHGK5

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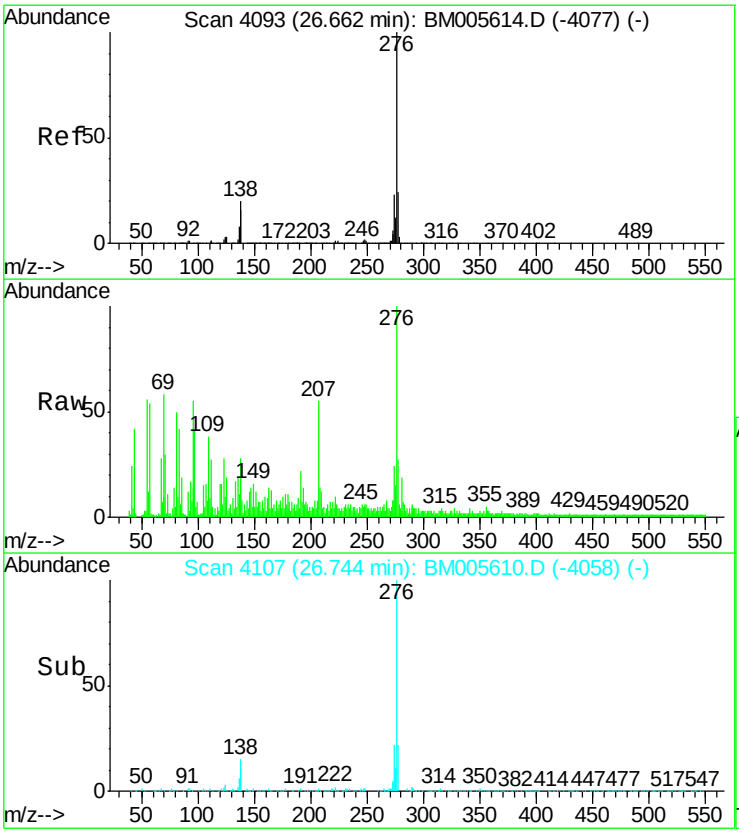

#91
Benzo(g,h,i)perylene
Concen: 10.29 ng/ul
RT: 26.74 min Scan# 4107
Delta R.T. 0.09 min
Lab File: BM005610.D
Acq: 23 May 2016 05:21

Tgt Ion:276 Resp: 251876

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.0	22.6
277	27.1	18.6	28.0