Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010688.D
Acq On : 23 Jun 2017 12:51
Operator : SJ/JU
Sample : I3625-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A01

Manual Integrations APPROVED
mohammad
6/27/2017 5:02:18 PM

Quant Time: Jun 24 03:56:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	75966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	347450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	226337	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	547188	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	578640	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	421834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6135	4.63	ng/uL	0.00
5) Phenol-d5	6.65	99	151679	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	85146	20.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	118592	23.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	134767	22.46	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	61602	24.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	72839	25.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	154514	25.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	168962	26.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	525904	26.47	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	599553	25.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	69679	19.93	ng/ul	0.00
57) Fluorene-d10	15.12	176	431759	25.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	73604	21.90	ng/ul	0.00
70) Anthracene-d10	16.97	188	701603m	26.55	ng/ul	0.00
76) Pyrene-d10	19.28	212	834121	31.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	550728	27.01	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.67	94	18008	2.42	ng/ul#	87
28) Naphthalene	10.27	128	50397	2.91	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	55544	4.00	ng/ul	90
44) Dimethylphthalate	13.58	163	164282	8.44	ng/ul	99
47) Acenaphthylene	13.83	152	30552	1.39	ng/ul#	87
49) Acenaphthene	14.17	153	101765	6.85	ng/ul	96
53) Dibenzofuran	14.52	168	84826	3.77	ng/ul	98
58) Fluorene	15.17	166	138048	7.33	ng/ul	97
69) Phenanthrene	16.92	178	2989160	102.75	ng/ul	98
71) Anthracene	17.00	178	435150	14.52	ng/ul	99
72) Carbazole	17.27	167	273862	10.47	ng/ul	99
74) Fluoranthene	18.94	202	4139425	110.41	ng/ul#	96
77) Pyrene	19.32	202	3351465	100.28	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	1597098	47.40	ng/ul	97
82) Chrysene	21.13	228	1580261	52.60	ng/ul	97
85) Benzo(b)fluoranthene	22.60	252	1495622	54.62	ng/ul#	98
86) Benzo(k)fluoranthene	22.63	252	535100m	20.61	ng/ul	
88) Benzo(a)pyrene	23.14	252	929141	36.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	520994	19.93	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.34	278	155827	7.15	ng/ul#	96
91) Benzo(g,h,i)perylene	25.99	276	386929	18.59	ng/ul	99

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010688.D
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Sample : I3625-19
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Manual Integrations APPROVED
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Quant Time: Jun 24 03:56:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\

Quantitation Report (LSC Reviewed)

Data File : BM010688.D
Acq On : 23 Jun 2017 12:51
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F5A01

Manual Integrations APPROVED
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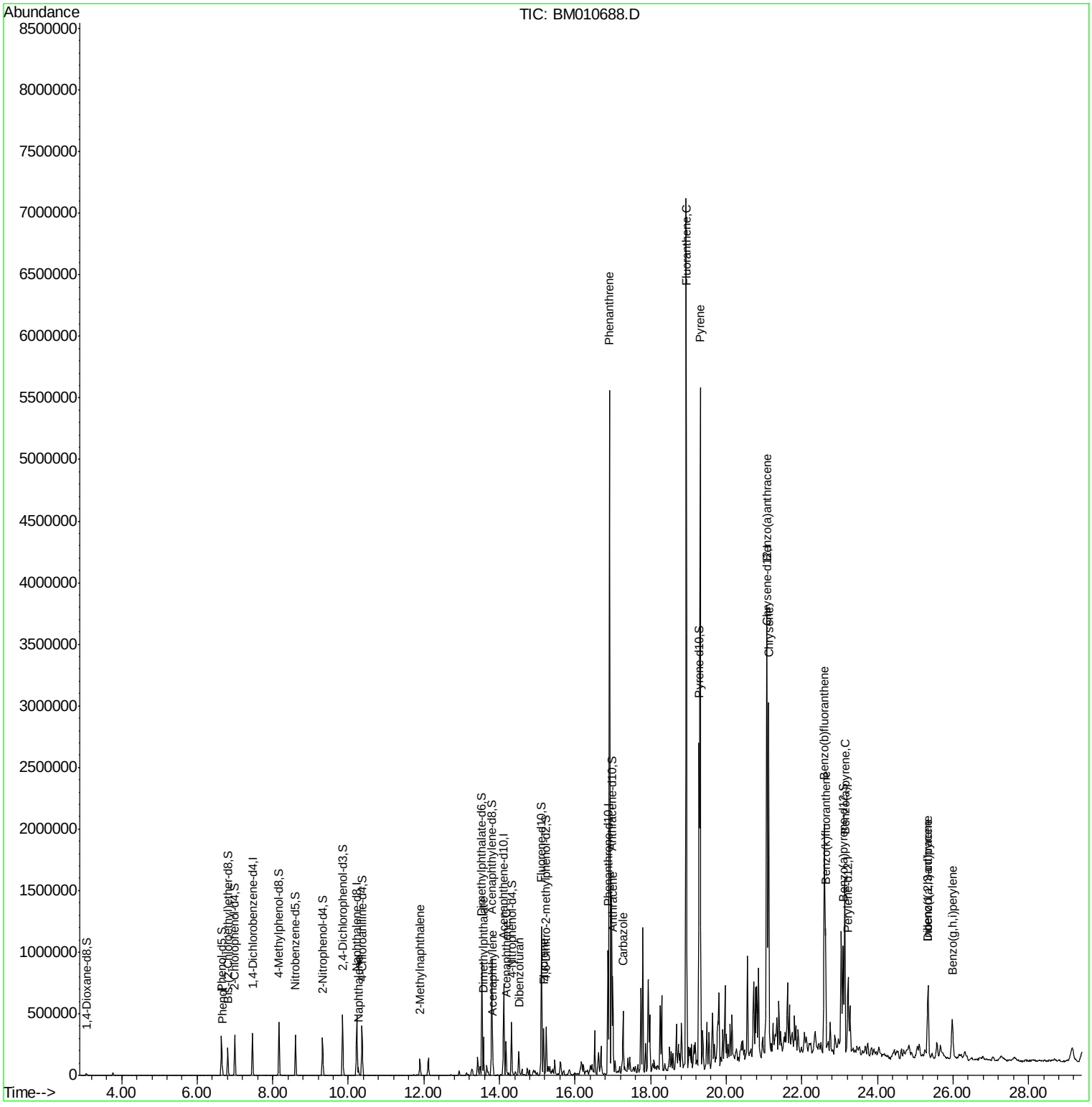
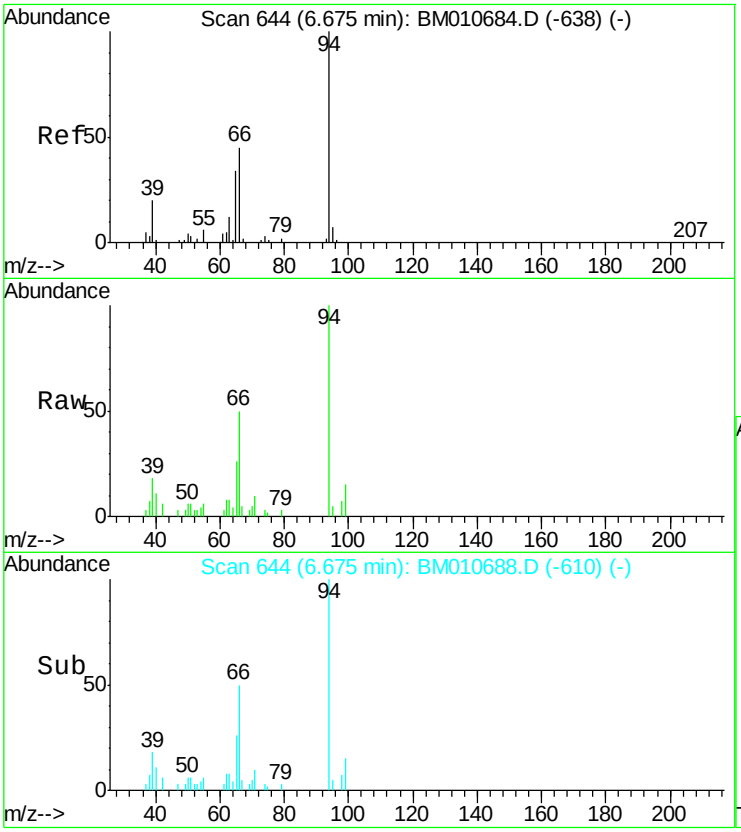
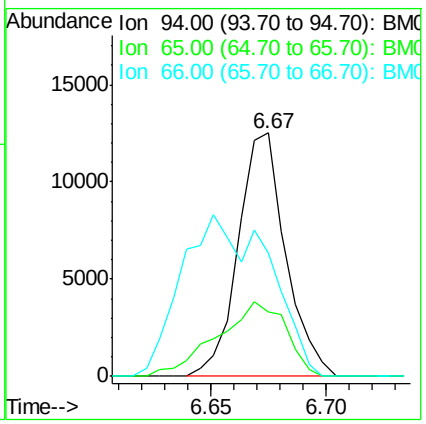




#6
Phenol
Concen: 2.42 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion: 94 Resp: 18008

Ion	Ratio	Lower	Upper
94	100		
65	26.2	28.2	42.4#
66	50.4	47.2	70.8



Instrument :
BNA_M
ClientSampleId :
F5A01

Manual Integrations APPROVED
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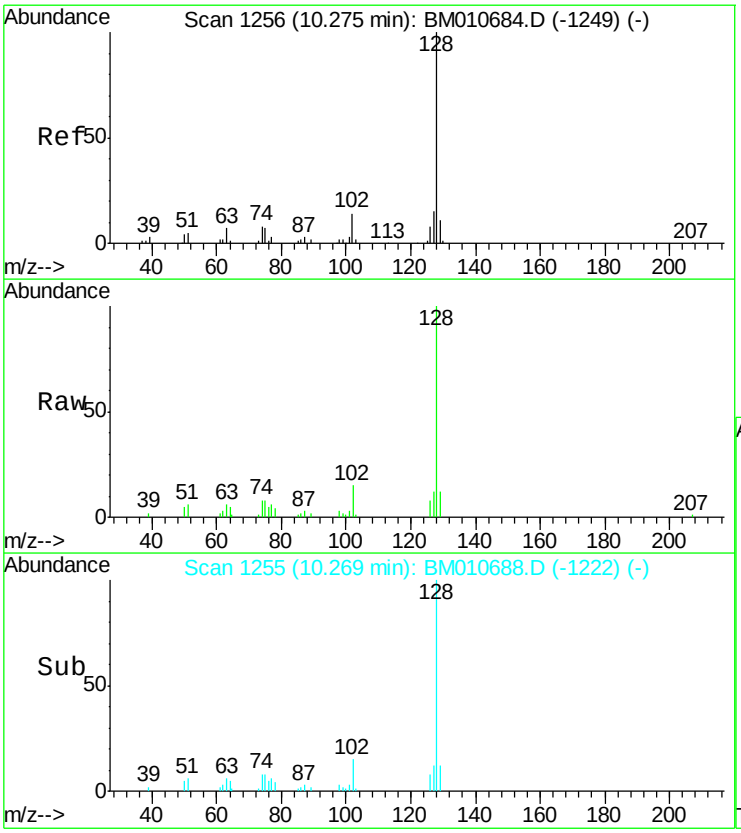
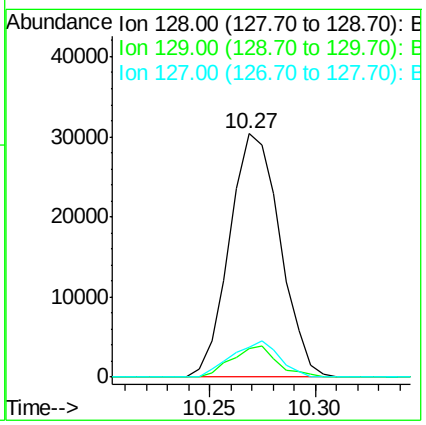
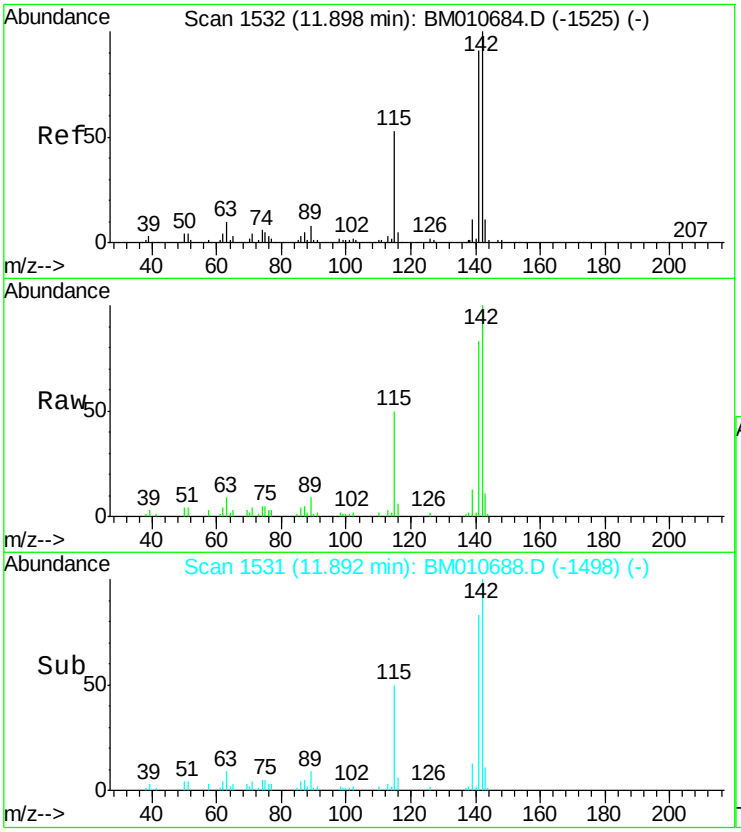


#28
Naphthalene
Concen: 2.91 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:128 Resp: 50397

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	12.2	10.6	16.0

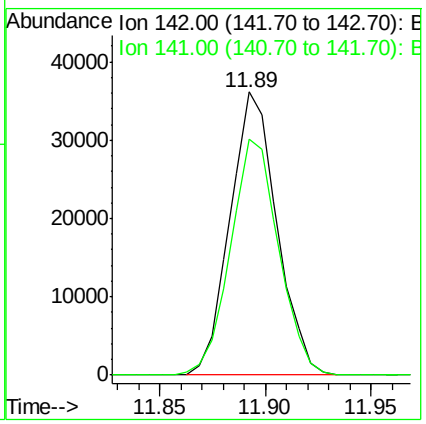




#34
2-Methylnaphthalene
Concen: 4.00 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:142 Resp: 55544

Ion	Ratio	Lower	Upper
142	100		
141	83.3	74.1	111.1



Instrument :
BNA_M
ClientSampleId :
F5A01

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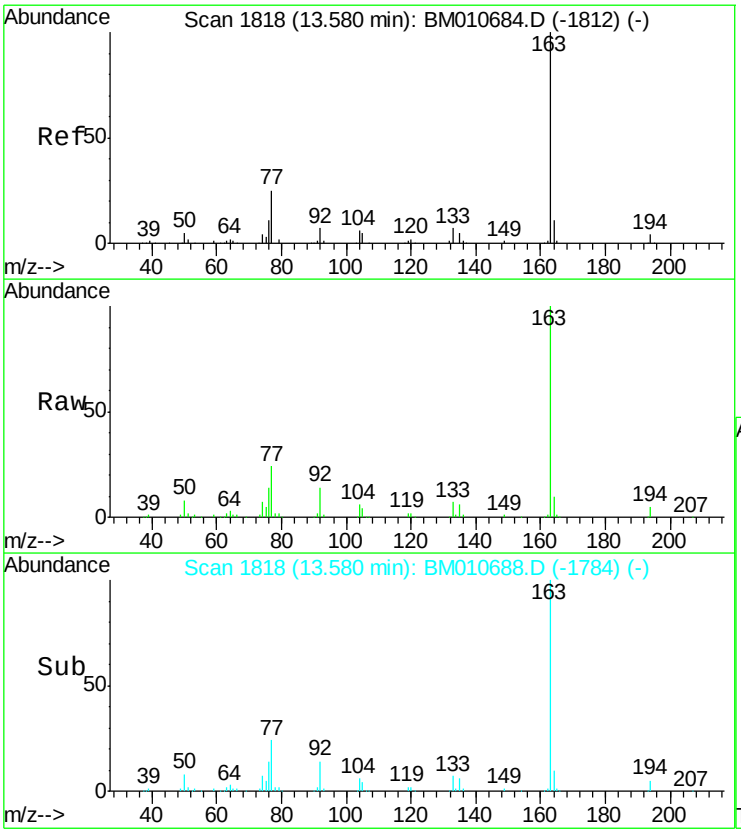
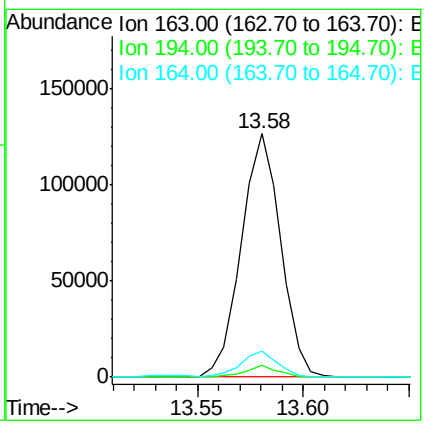
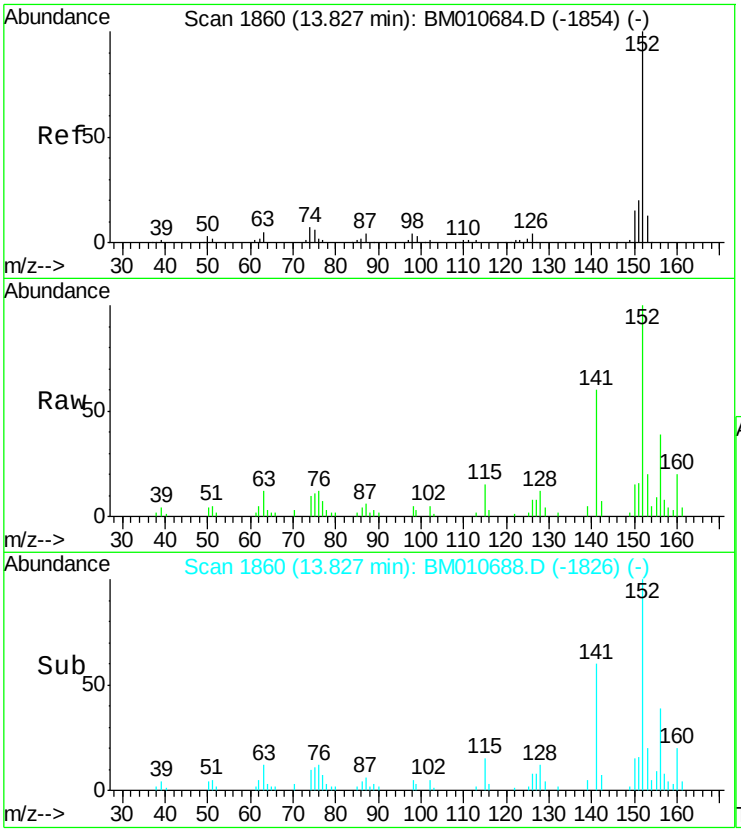


#44
Dimethylphthalate
Concen: 8.44 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:163 Resp: 164282

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.5	8.2	12.4

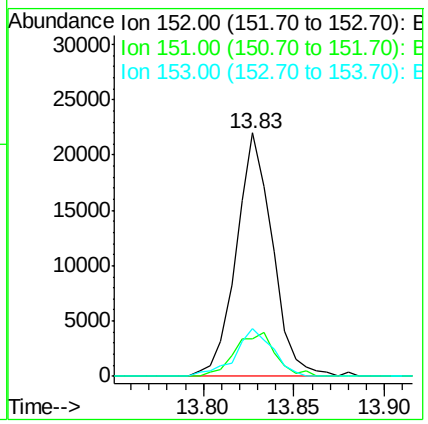




#47
Acenaphthylene
Concen: 1.39 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:152 Resp: 30552

Ion	Ratio	Lower	Upper
152	100		
151	15.5	16.3	24.5#
153	19.6	10.2	15.4#



Instrument :
BNA_M
ClientSampleId :
F5A01

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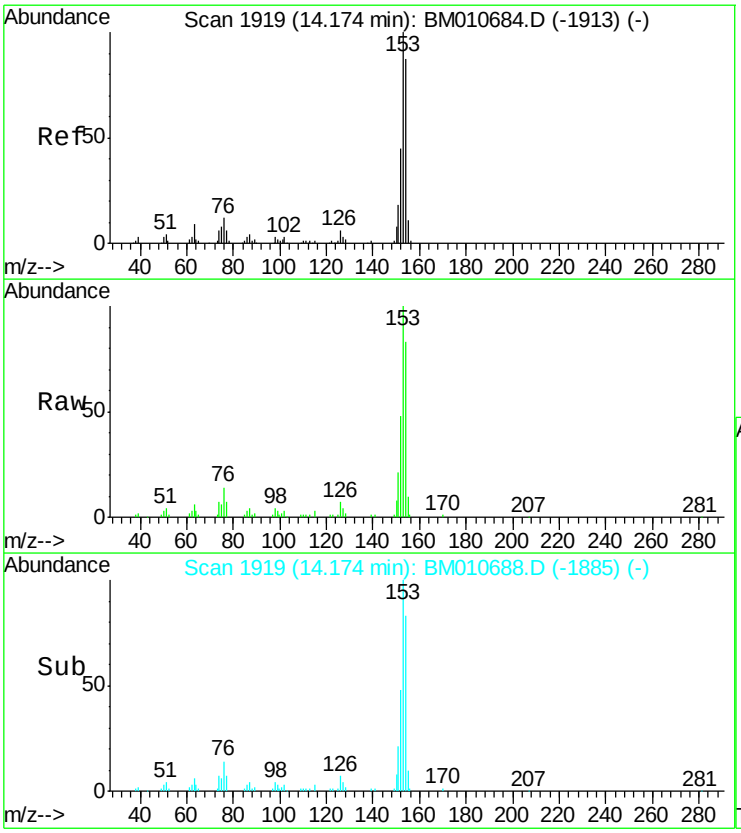
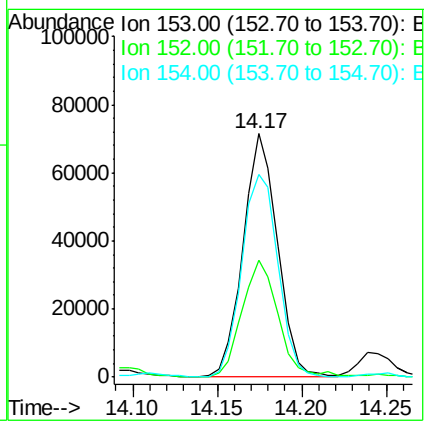
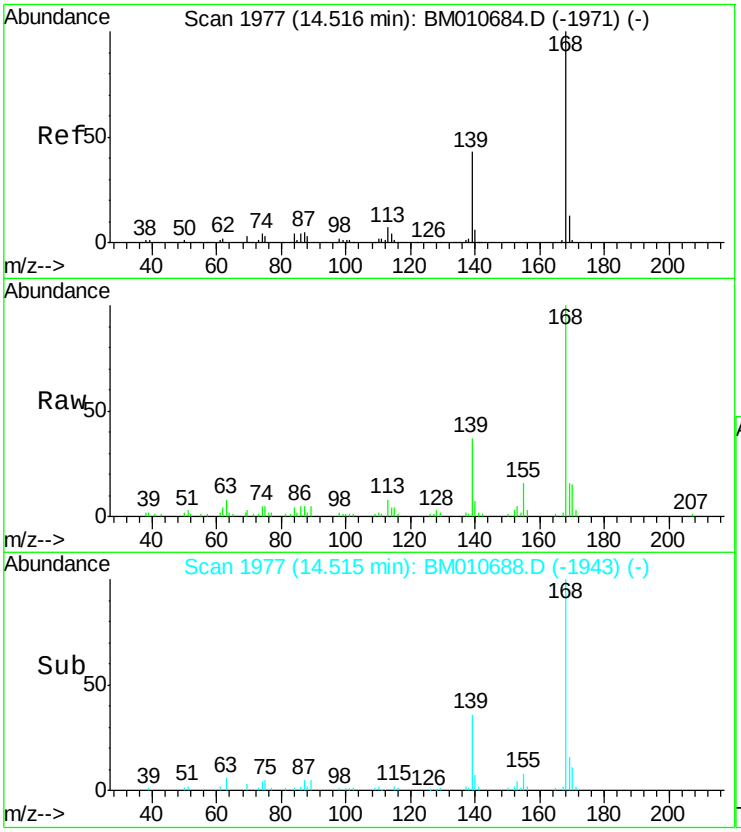


#49
Acenaphthene
Concen: 6.85 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:153 Resp: 101765

Ion	Ratio	Lower	Upper
153	100		
152	47.9	37.6	56.4
154	83.3	70.4	105.6





#53
Dibenzofuran
Concen: 3.77 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:168 Resp: 84826

Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.8	46.2

Instrument :
BNA_M
ClientSampleId :
F5A01

Manual Integrations APPROVED
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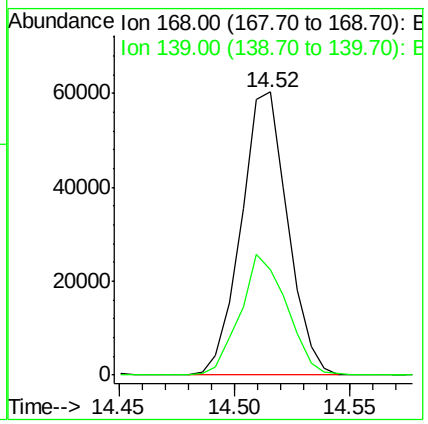
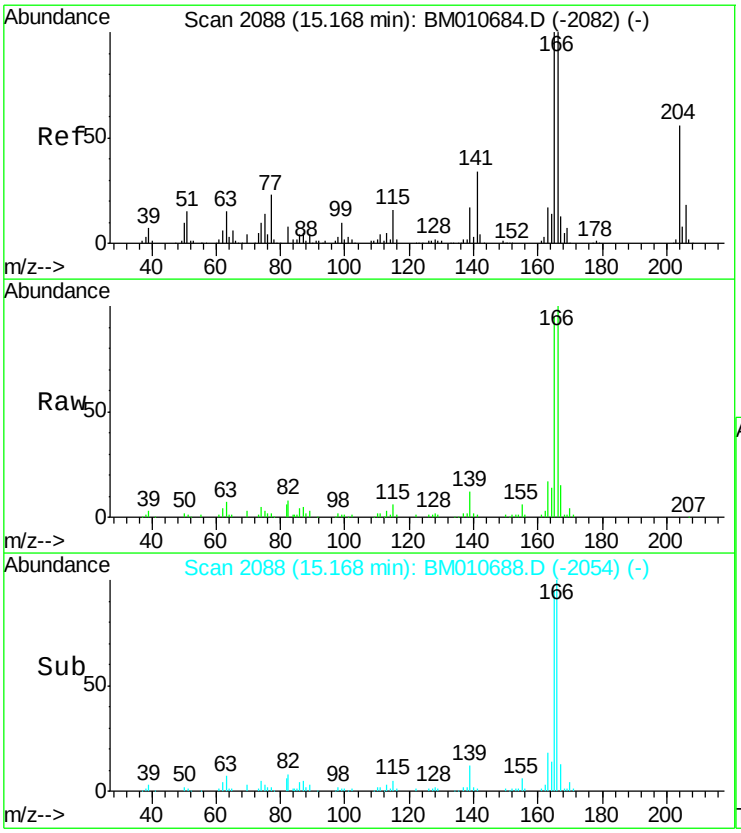
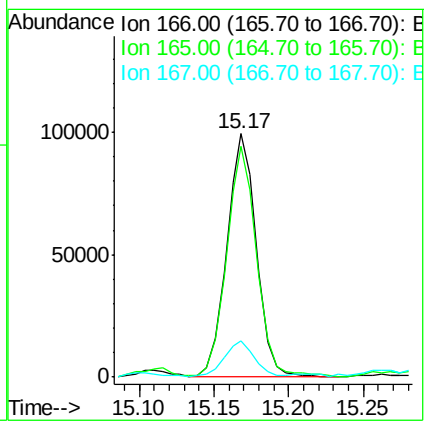


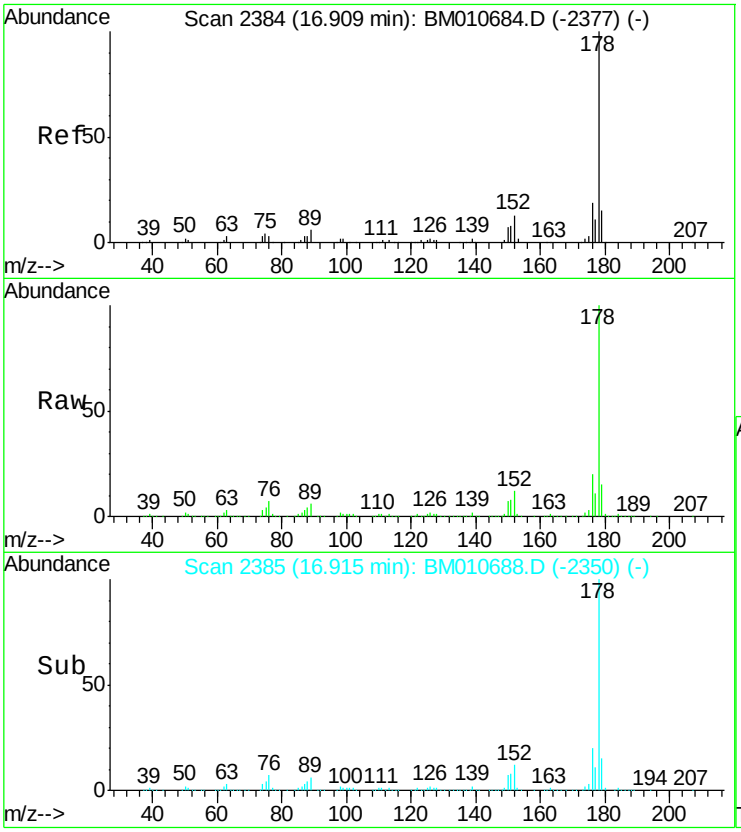


#58
Fluorene
Concen: 7.33 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:166 Resp: 138048

Ion	Ratio	Lower	Upper
166	100		
165	95.0	77.9	116.9
167	14.6	10.6	16.0

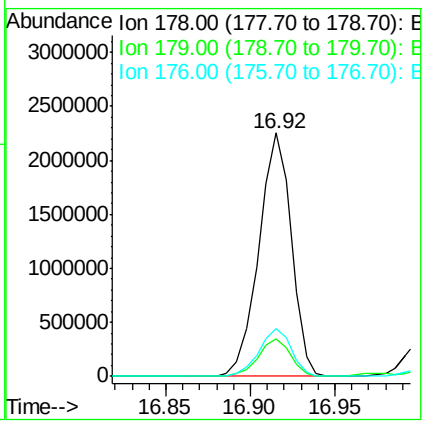




#69
Phenanthrene
Concen: 102.75 ng/ul
RT: 16.92 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:178 Resp: 2989160

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	19.9	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
F5A01

Manual Integrations APPROVED
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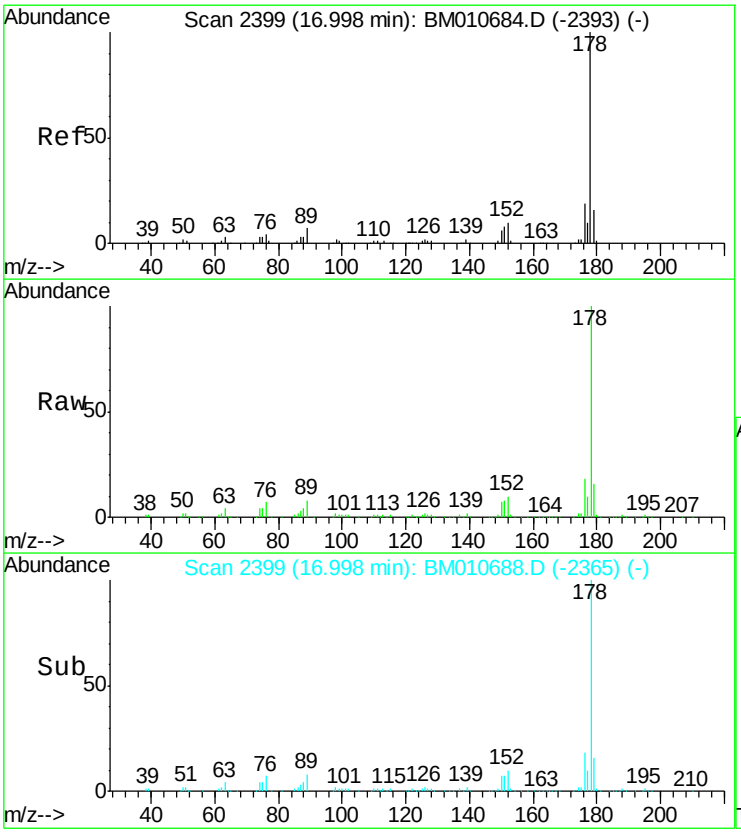
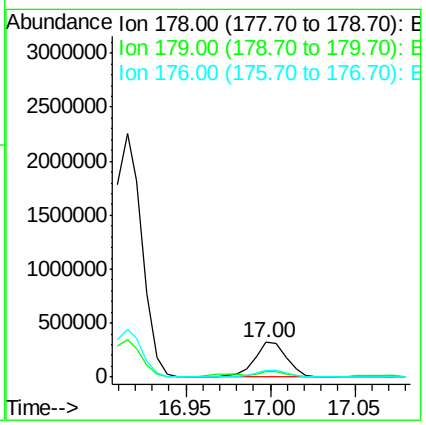
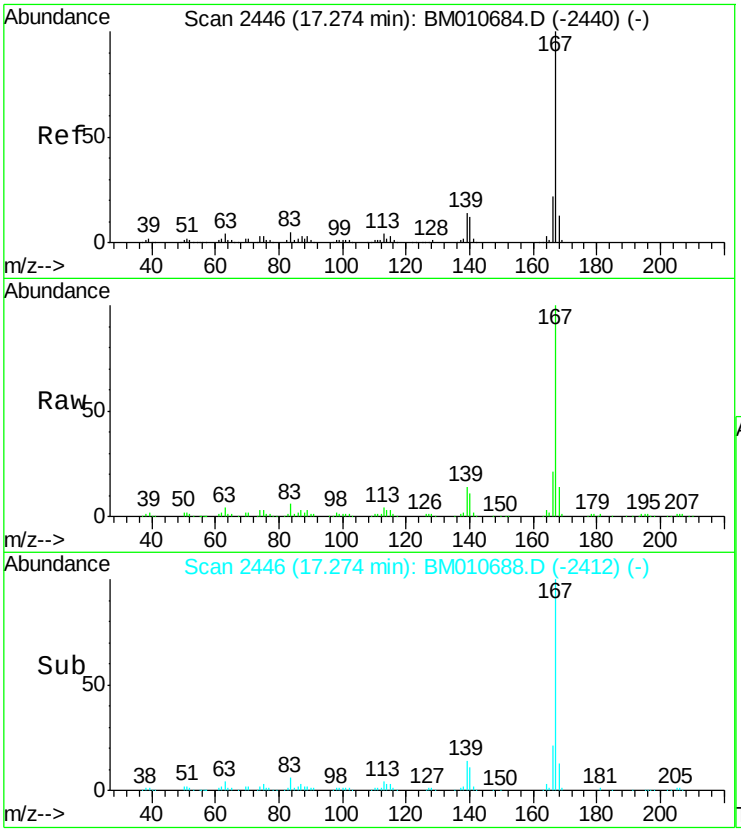


#71
Anthracene
Concen: 14.52 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:178 Resp: 435150

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.1	14.6	21.8

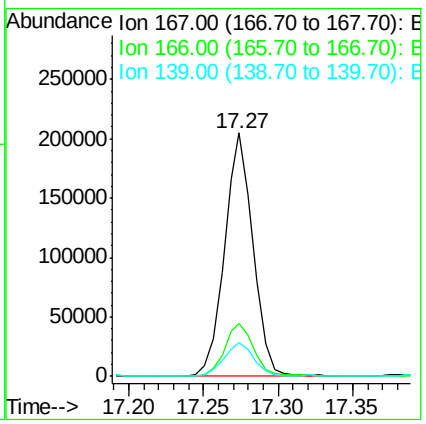




#72
Carbazole
Concen: 10.47 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:167 Resp: 273862

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.8	10.0	15.0



Instrument :
BNA_M
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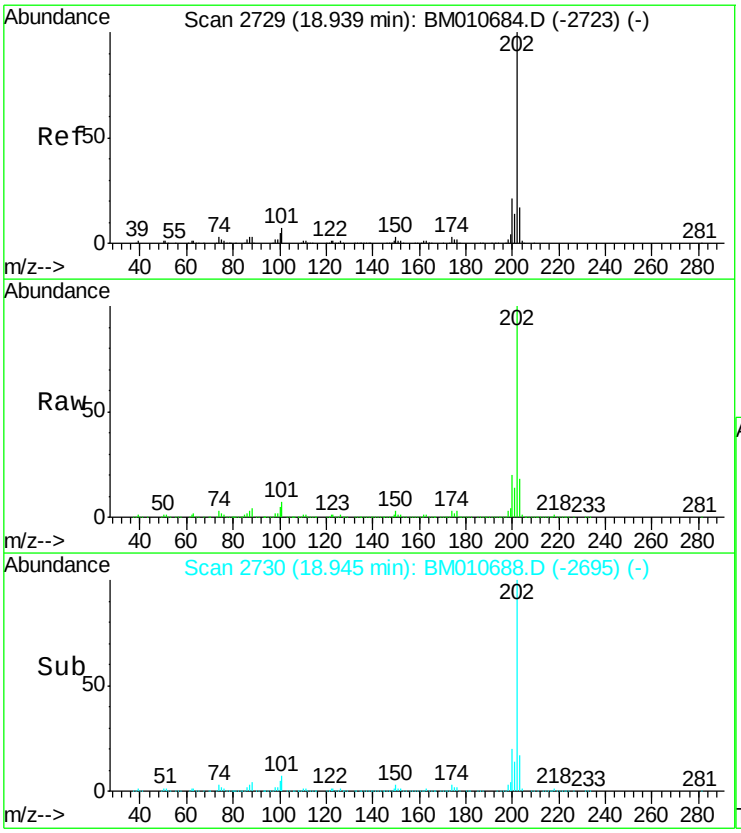
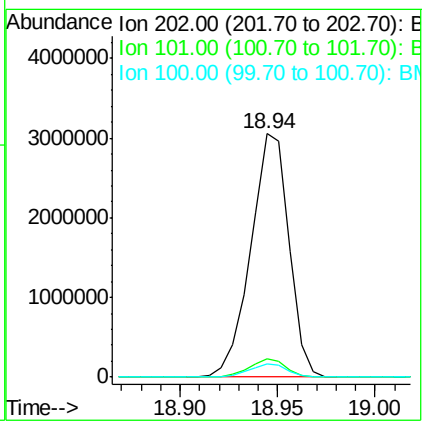
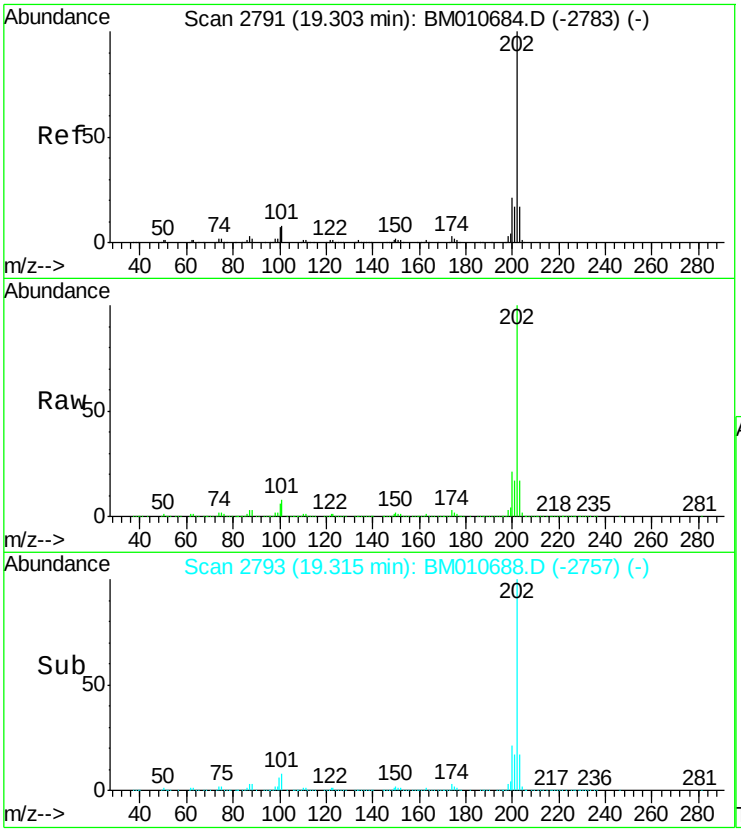


#74
Fluoranthene
Concen: 110.41 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:202 Resp: 4139425

Ion	Ratio	Lower	Upper
202	100		
101	7.4	4.6	7.0#
100	5.4	3.4	5.2#





#77
Pyrene
Concen: 100.28 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:202 Resp: 3351465

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.1	7.7#
100	6.4	4.9	7.3

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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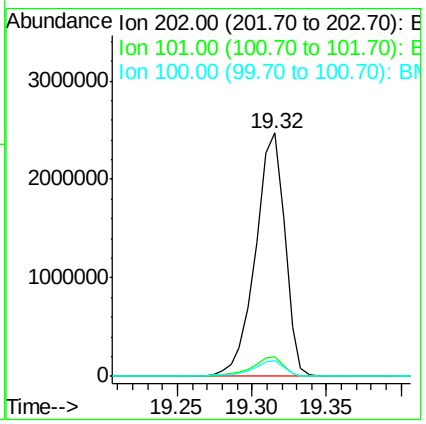
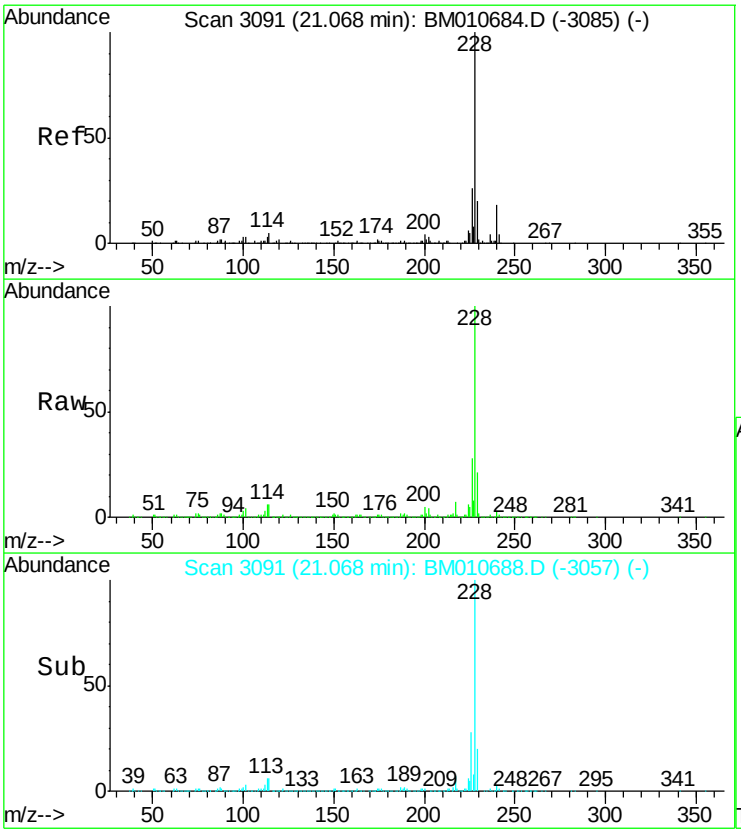
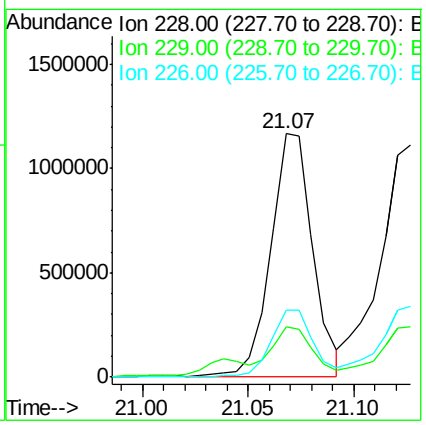


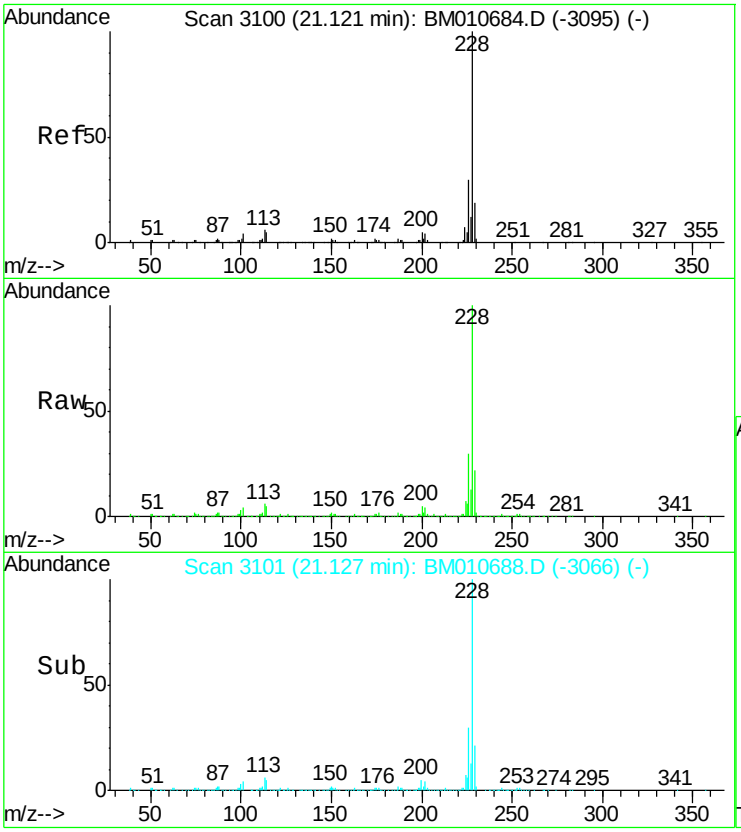


#80
Benzo(a)anthracene
Concen: 47.40 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:228 Resp: 1597098

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	27.7	21.4	32.0

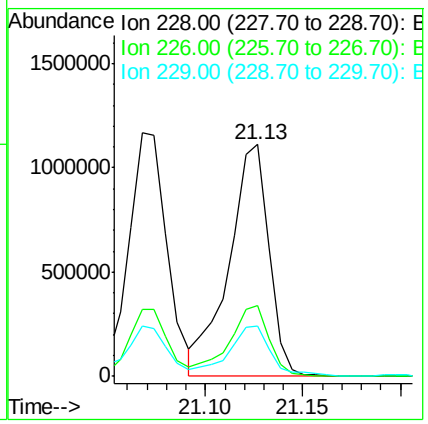




#82
Chrysene
Concen: 52.60 ng/ul
RT: 21.13 min Scan# 3101
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:228 Resp: 1580261

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	21.6	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
F5A01

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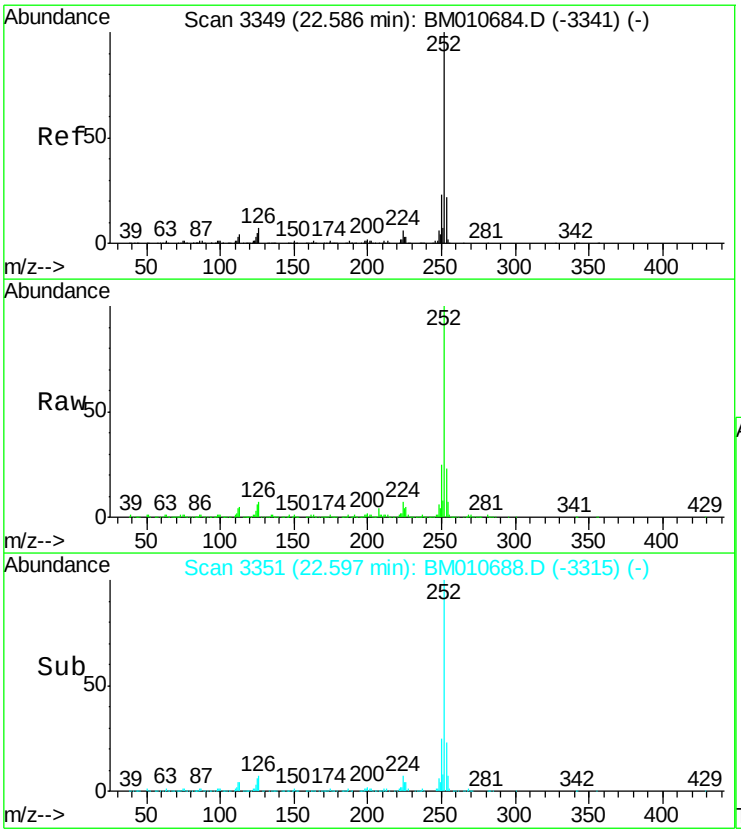
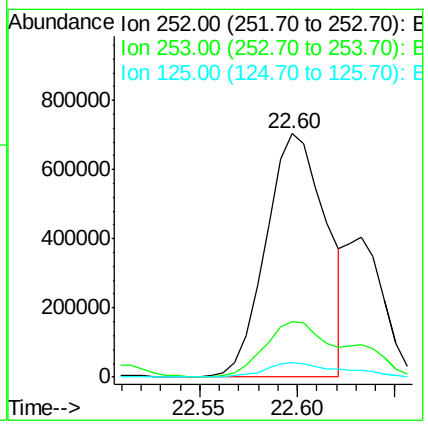
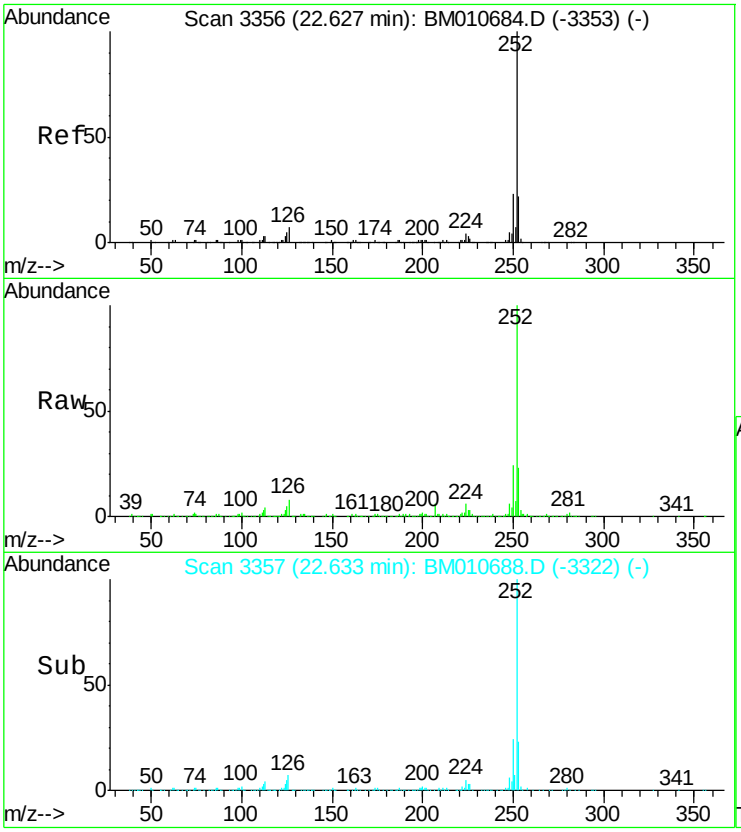


#85
Benzo(b)fluoranthene
Concen: 54.62 ng/ul
RT: 22.60 min Scan# 3351
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:252 Resp: 1495622

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.9	3.6	5.4#

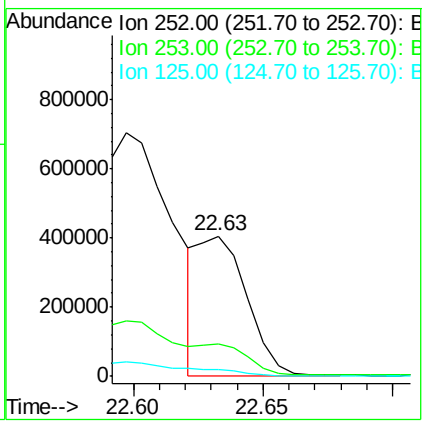




#86
Benzo(k)fluoranthene
Concen: 20.61 ng/ul m
RT: 22.63 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:252 Resp: 535100

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	5.2	3.4	5.2



Instrument :
BNA_M
ClientSampleId :
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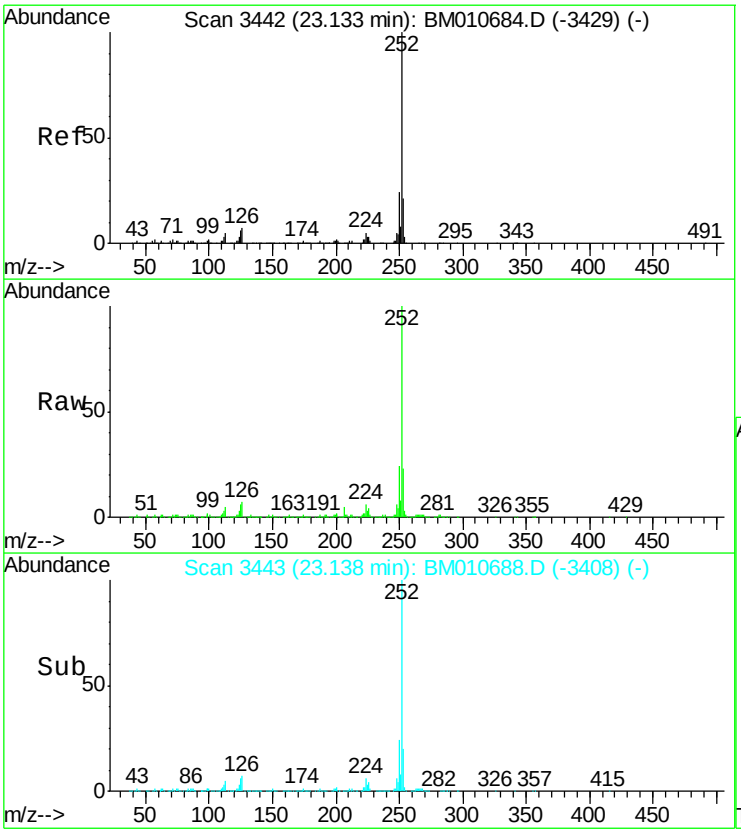
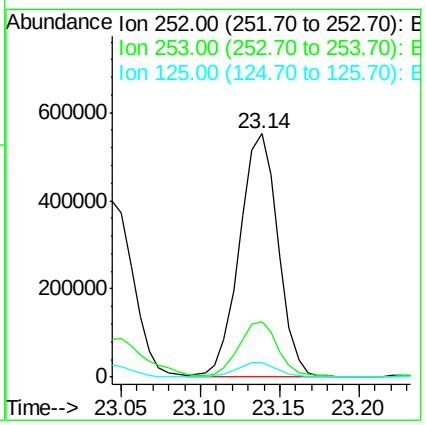
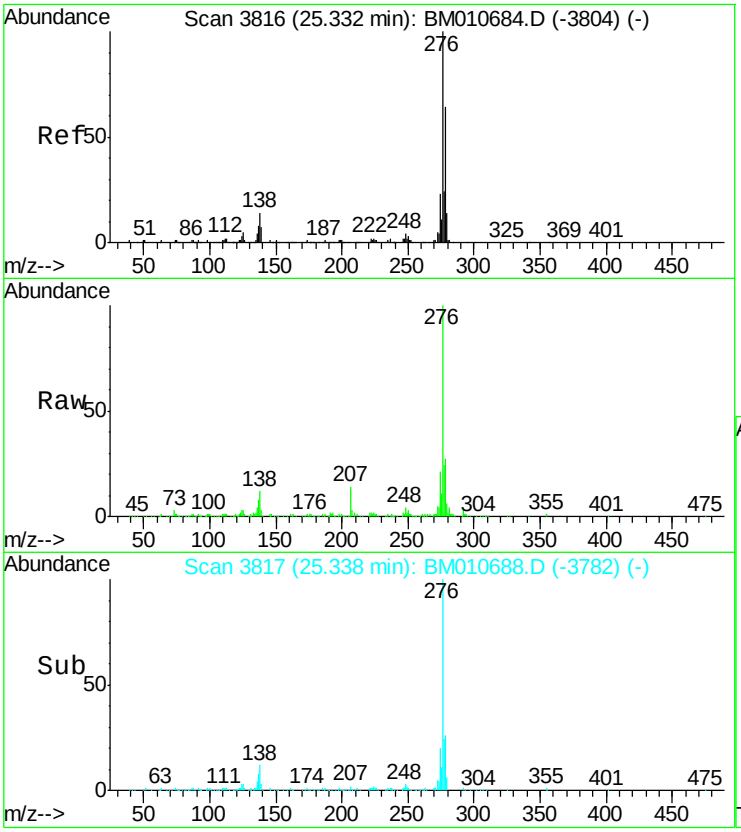


#88
Benzo(a)pyrene
Concen: 36.86 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:252 Resp: 929141

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	5.9	4.0	6.0

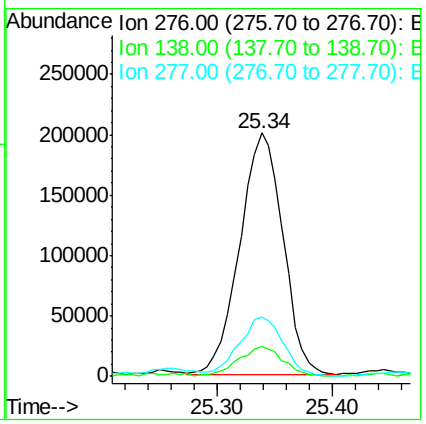




#89
Indeno(1,2,3-cd)pyrene
Concen: 19.93 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:276 Resp: 520994

Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	24.4	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
F5A01

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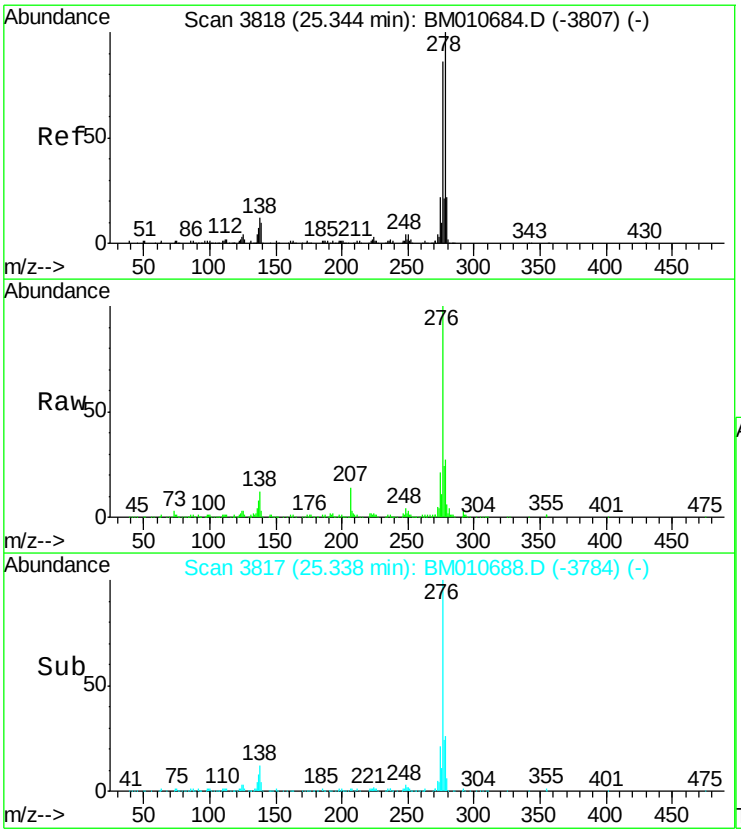
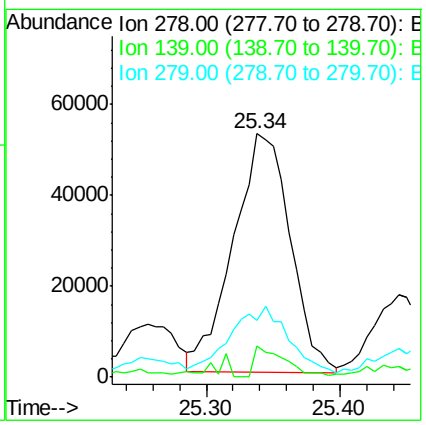
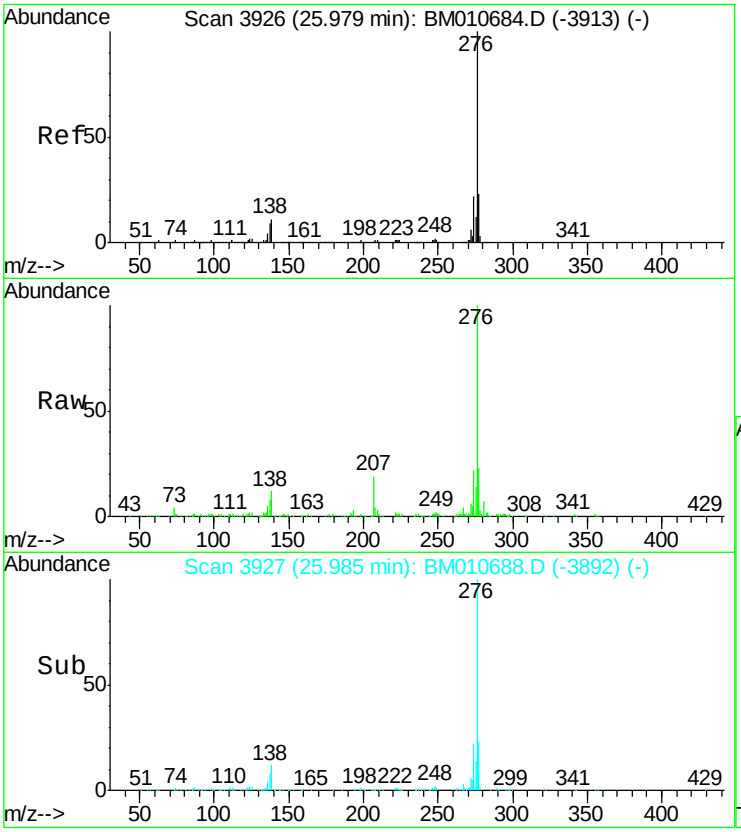


#90
Dibenzo(a,h)anthracene
Concen: 7.15 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:278 Resp: 155827

Ion	Ratio	Lower	Upper
278	100		
139	13.0	5.8	8.8#
279	23.3	18.6	27.8

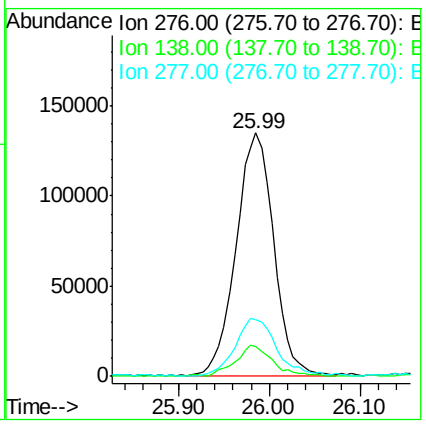




#91
Benzo(g,h,i)perylene
Concen: 18.59 ng/ul
RT: 25.99 min Scan# 3927
Delta R.T. 0.01 min
Lab File: BM010688.D
Acq: 23 Jun 2017 12:51

Tgt Ion:276 Resp: 386929

Ion	Ratio	Lower	Upper
276	100		
138	12.2	8.5	12.7
277	23.4	18.6	28.0



Instrument :
BNA_M
ClientSampleId :
F5A01

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