Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013320.D
Acq On : 12 Dec 2017 00:45
Operator : SJ/JU
Sample : I6758-11 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 02:15:03 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	280478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1225054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	725545	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1604394	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1563128	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1241298	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2717	0.48	ng/uL	0.00
5) Phenol-d5	6.87	99	87972	3.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	51587	3.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	69637	3.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	73333	3.54	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	37401	3.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	39654	3.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	73358	3.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	50483	2.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	244866	3.79	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	298452	3.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	28830	2.57	ng/ul	0.00
57) Fluorene-d10	15.32	176	209758	3.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	27043	2.68	ng/ul	0.00
70) Anthracene-d10	17.17	188	319763	3.98	ng/ul	0.00
76) Pyrene-d10	19.47	212	317537	4.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	227302	3.59	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	418794	5.680	ng/ul	97
68) Pentachlorophenol	16.73	266	59183	4.920	ng/ul	95
71) Anthracene	17.21	178	378542	4.063	ng/ul	98
74) Fluoranthene	19.14	202	470923	4.216	ng/ul#	92
77) Pyrene	19.50	202	586573	6.177	ng/ul#	94
80) Benzo(a)anthracene	21.30	228	379531	3.827	ng/ul	94
82) Chrysene	21.30	228	379531	4.125	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	1327936	15.870	ng/ul#	97
86) Benzo(k)fluoranthene	22.83	252	1327936	16.863	ng/ul#	98
88) Benzo(a)pyrene	23.40	252	698115	9.287	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.73	276	864757	11.595	ng/ul	98
90) Dibenzo(a,h)anthracene	25.73	278	115039	1.811	ng/ul#	85
91) Benzo(g,h,i)perylene	26.41	276	866385	14.727	ng/ul#	95

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

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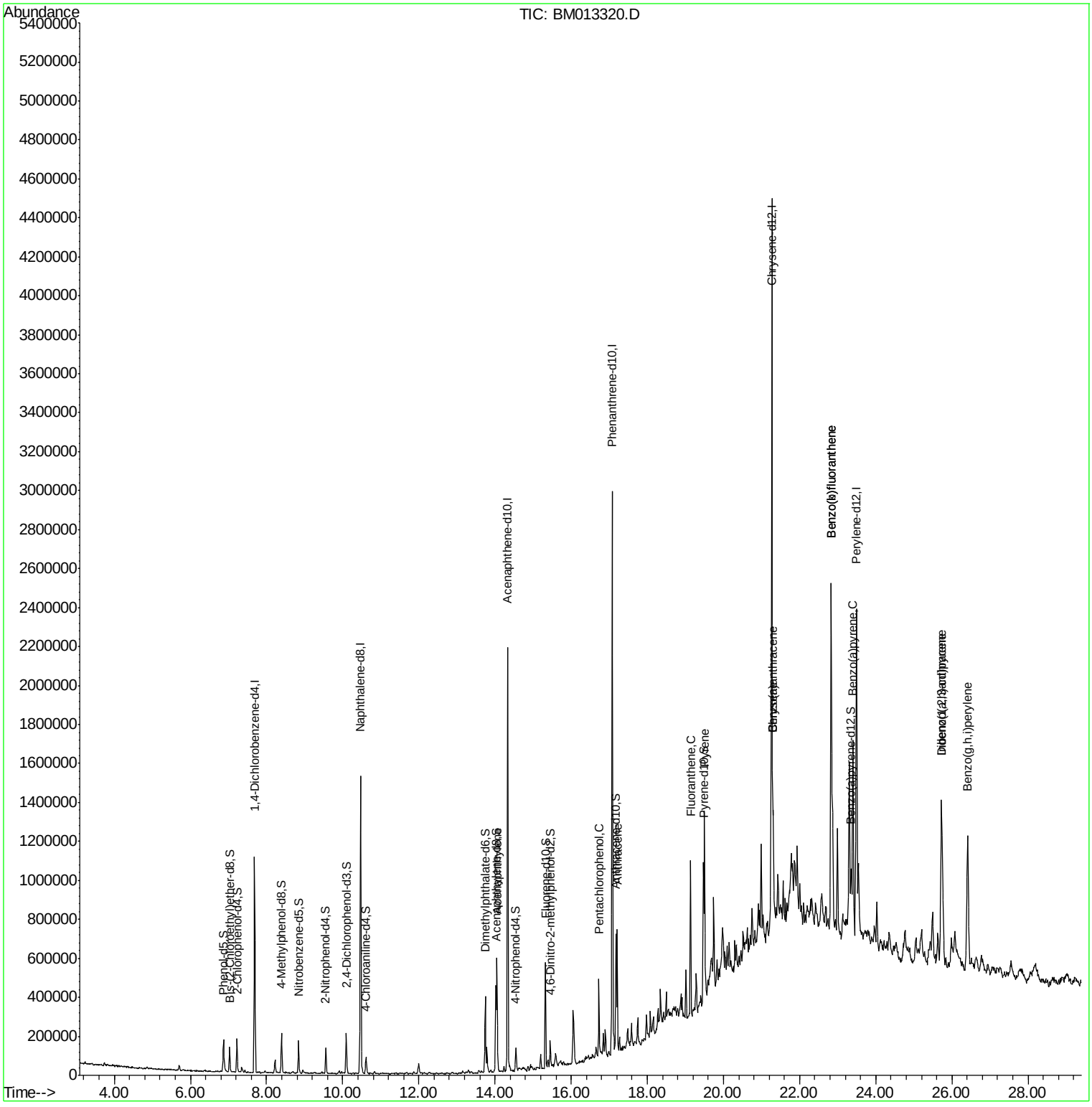
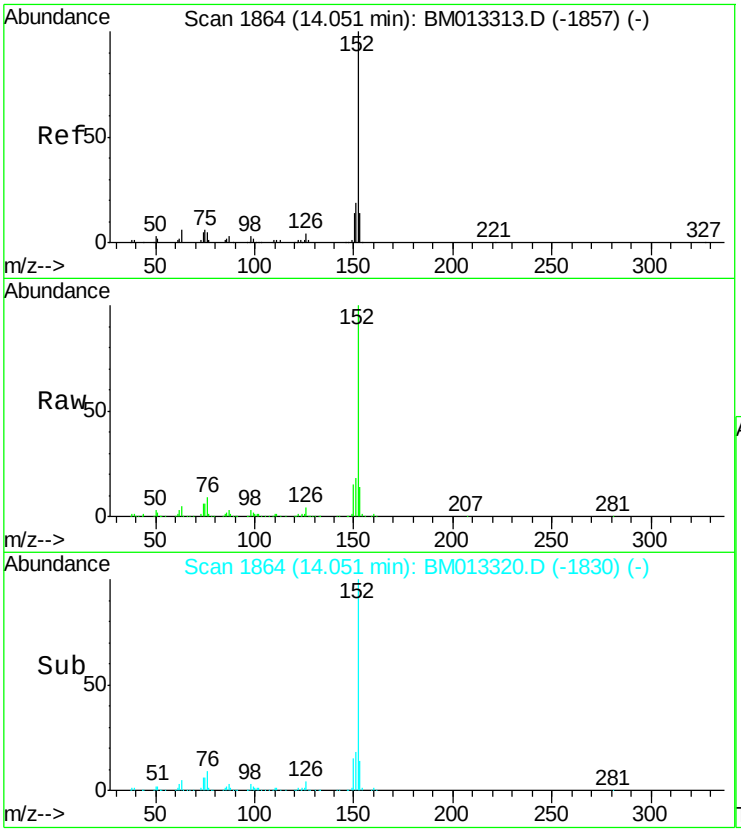
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 12 02:07:09 2017
Response via : Initial Calibration



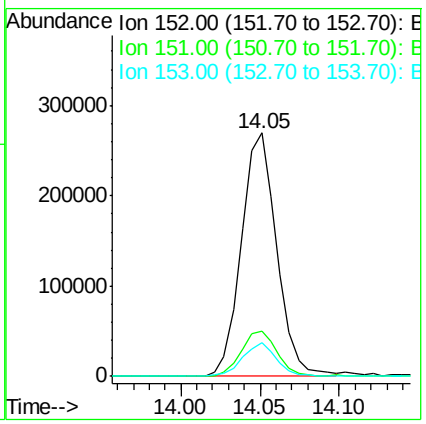


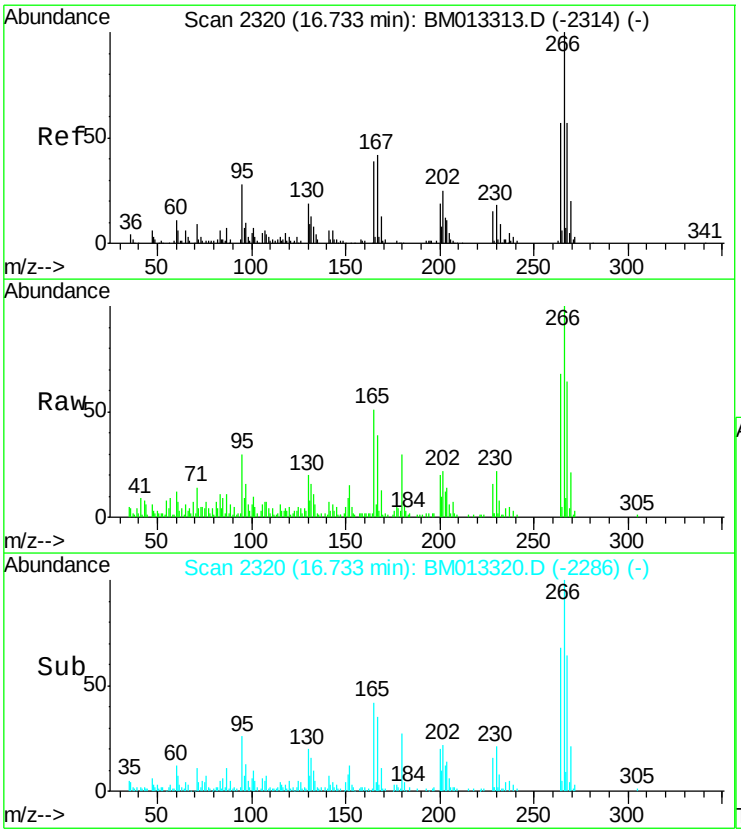
#47
Acenaphthylene
Concen: 5.680 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 418794

Ion	Ratio	Lower	Upper
152	100		
151	18.4	16.3	24.5
153	13.6	10.2	15.4

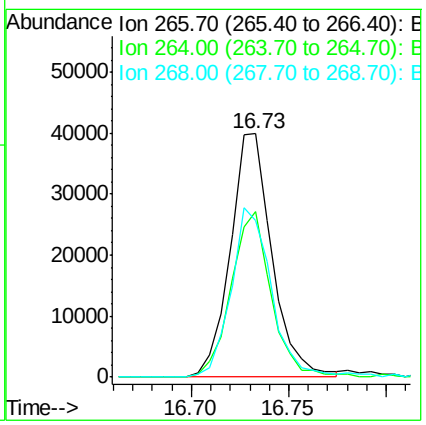


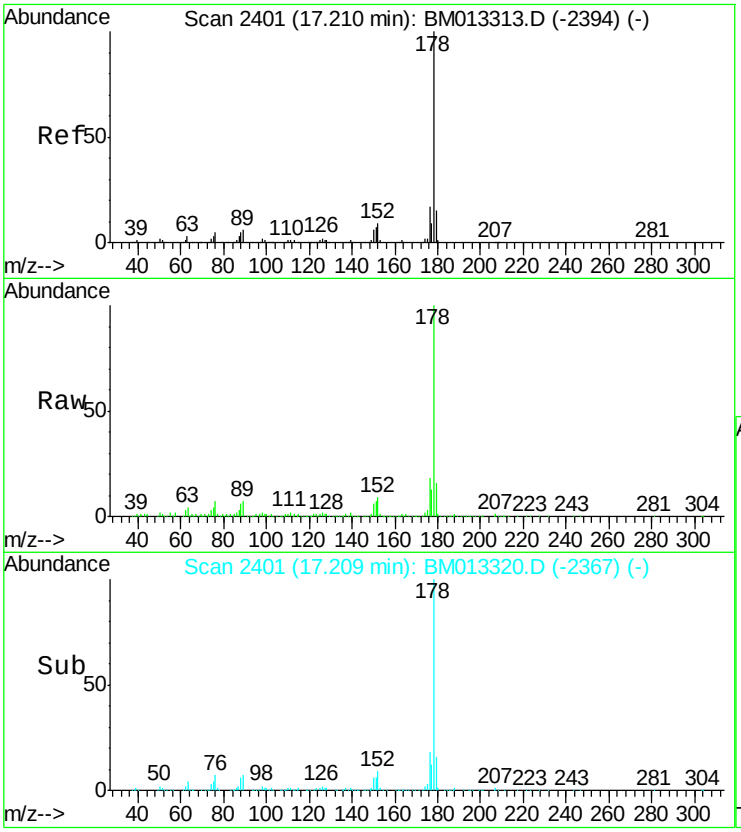


#68
Pentachlorophenol
Concen: 4.920 ng/ul
RT: 16.73 min Scan# 2320
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:266 Resp: 59183

Ion	Ratio	Lower	Upper
266	100		
264	67.8	49.3	73.9
268	64.4	52.6	78.8



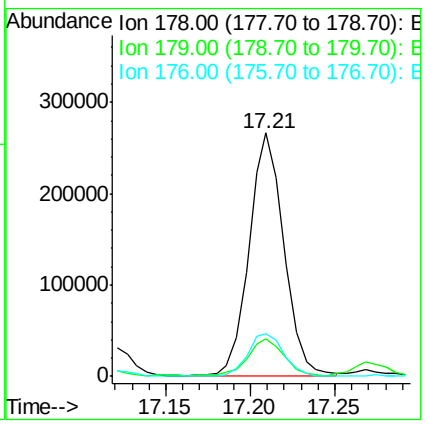


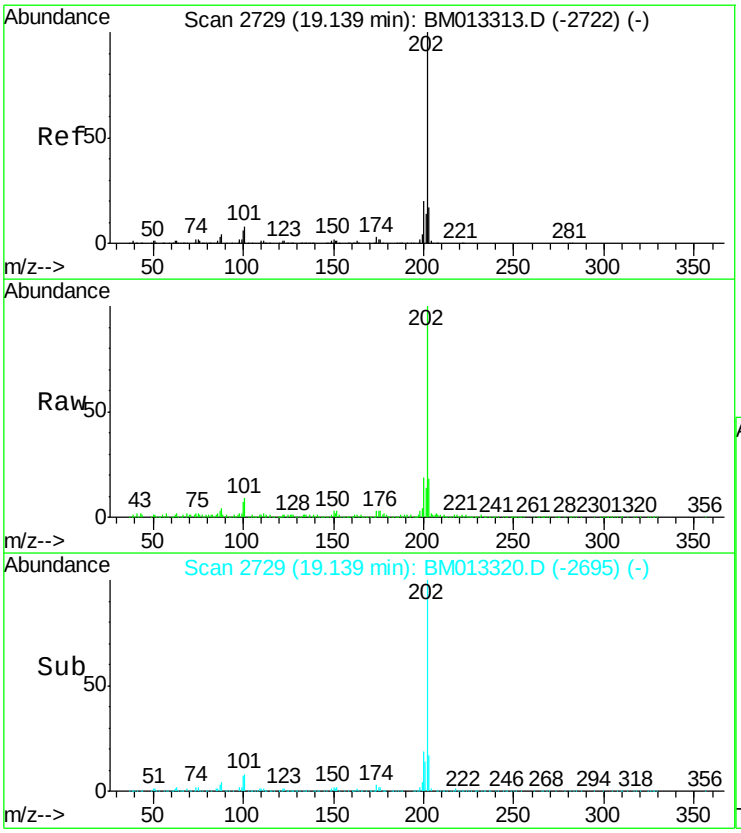
#71
Anthracene
Concen: 4.063 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 378542

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.7	14.6	21.8

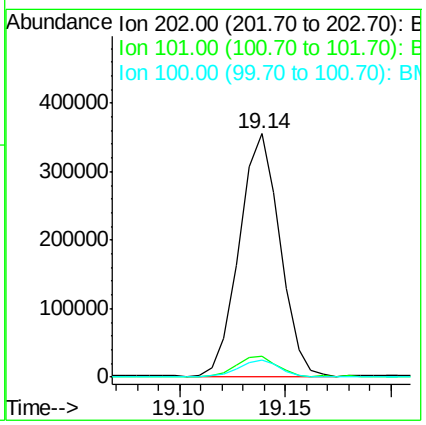


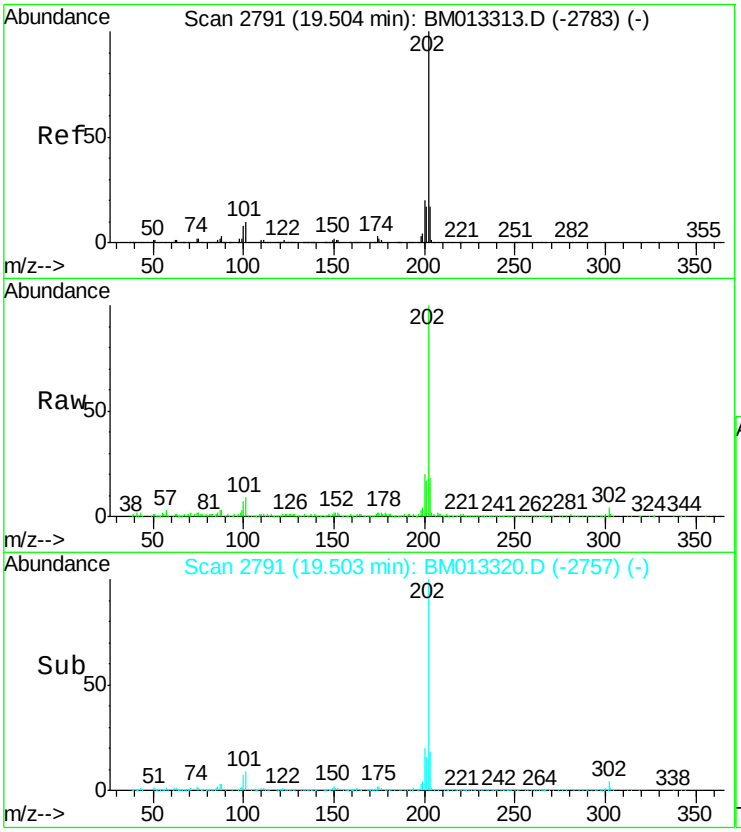


#74
Fluoranthene
Concen: 4.216 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:202 Resp: 470923

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#



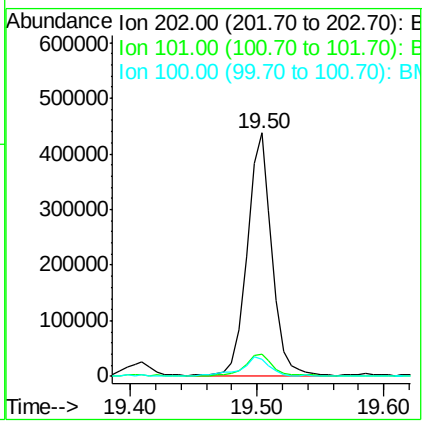


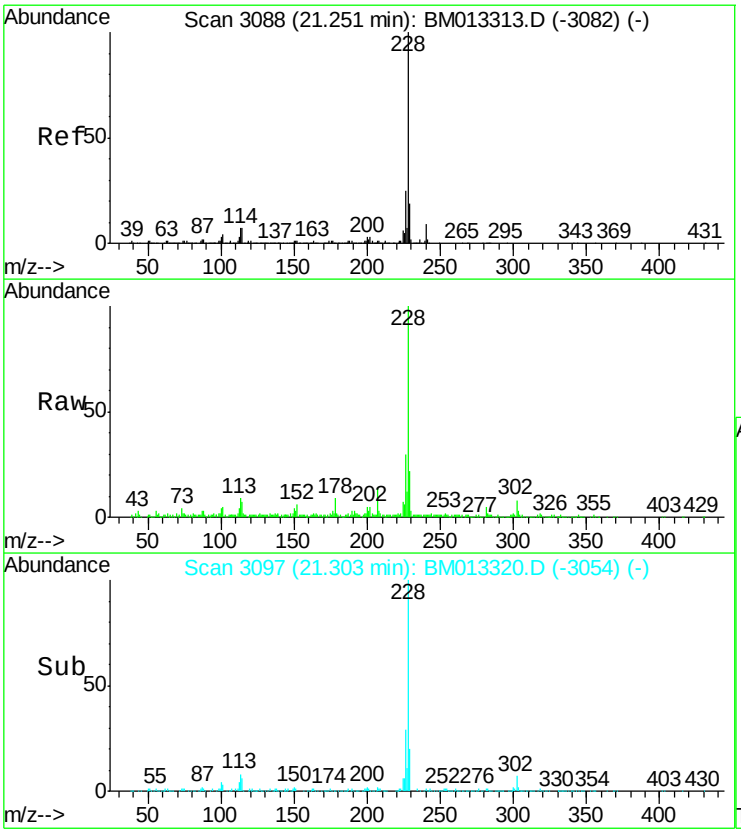
#77
Pyrene
Concen: 6.177 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 586573

Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	7.2	4.9	7.3

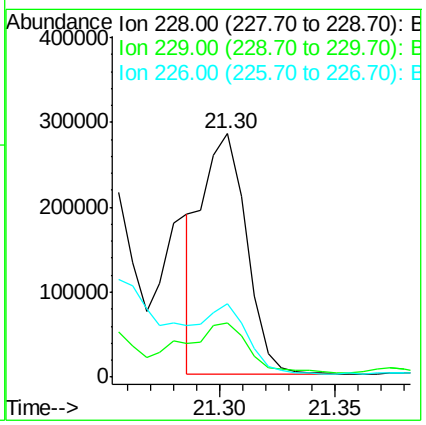


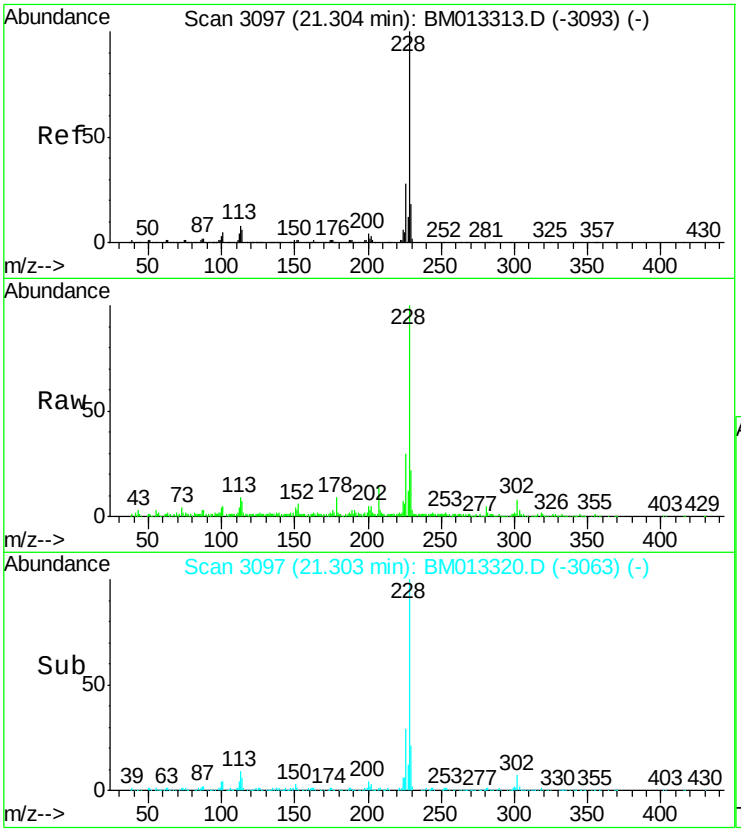


#80
Benzo(a)anthracene
Concen: 3.827 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.05 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:228 Resp: 379531

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.0
226	29.9	21.4	32.0



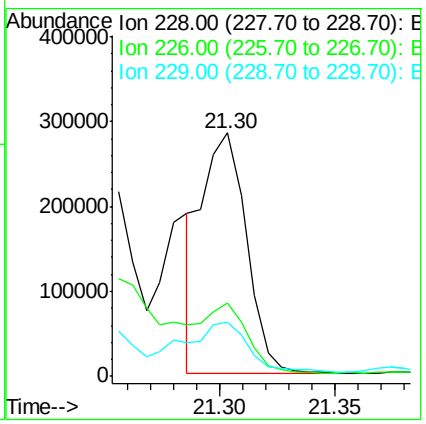


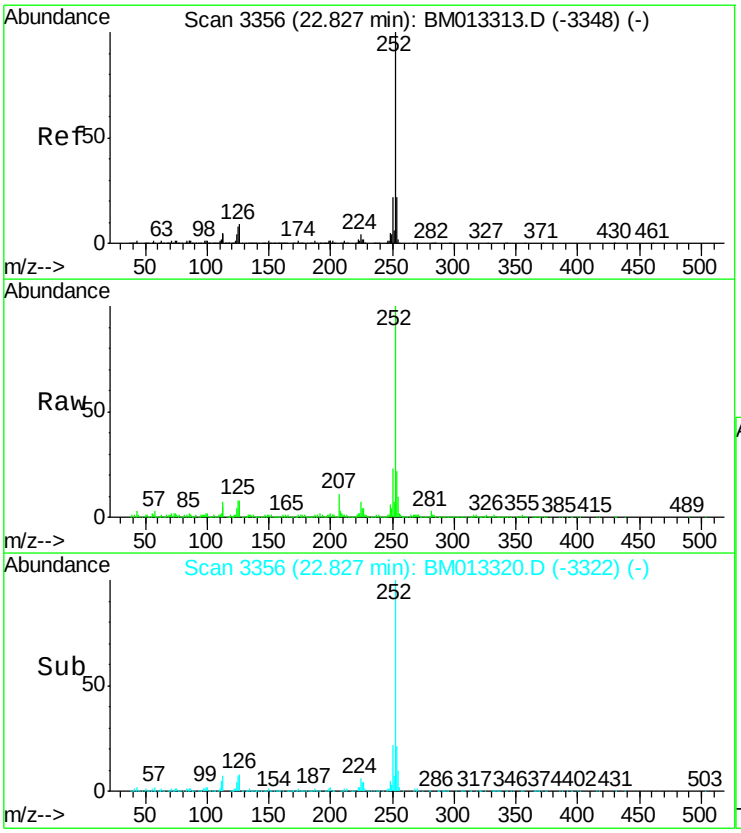
#82
Chrysene
Concen: 4.125 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 379531

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.3	15.5	23.3

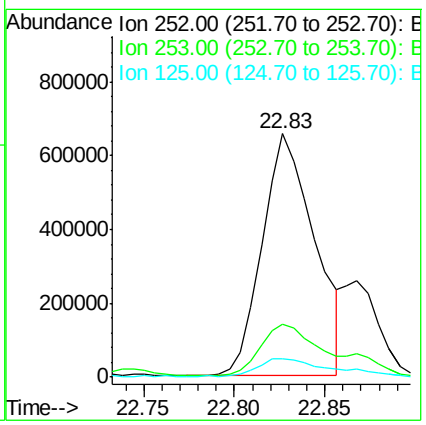


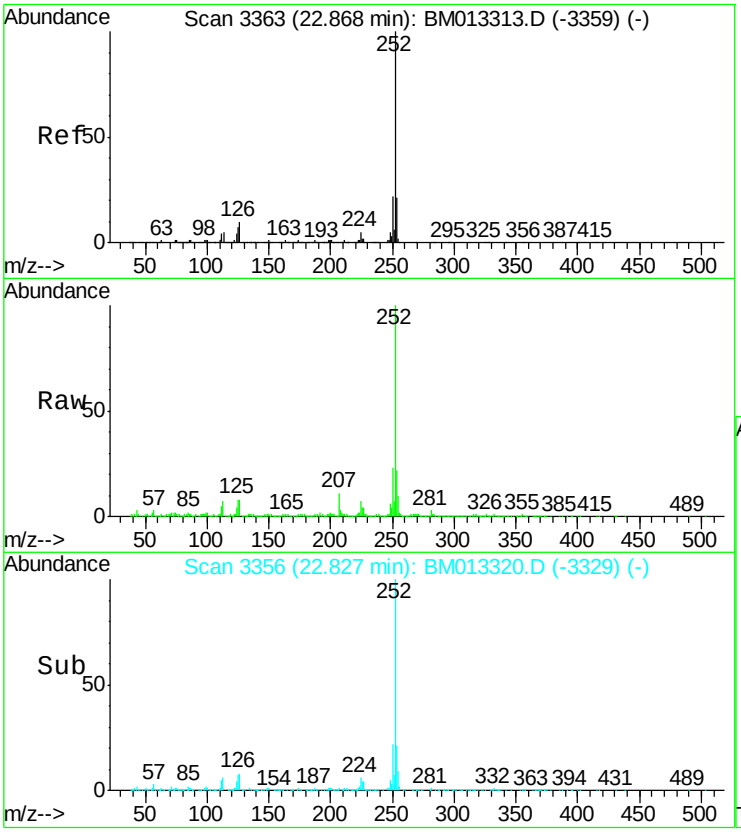


#85
Benzo(b)fluoranthene
Concen: 15.870 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:252 Resp: 1327936

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	7.6	3.6	5.4#



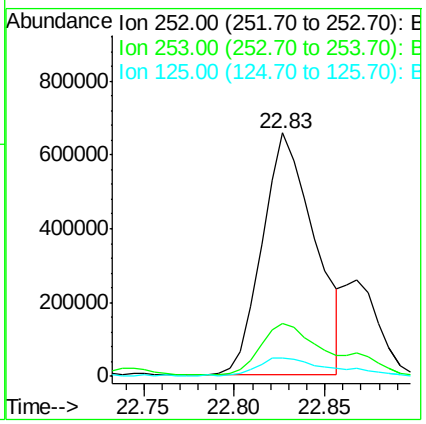


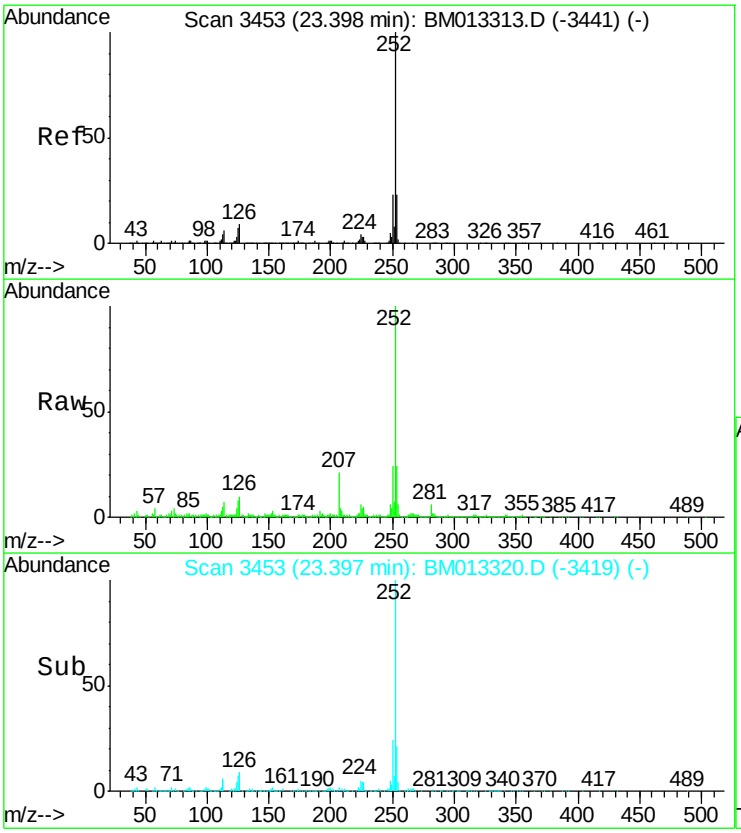
#86
Benzo(k)fluoranthene
Concen: 16.863 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1327936

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.6	3.4	5.2#

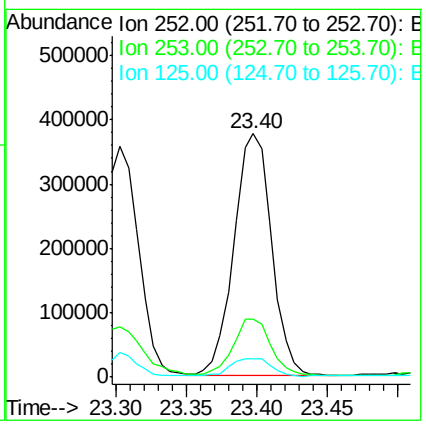


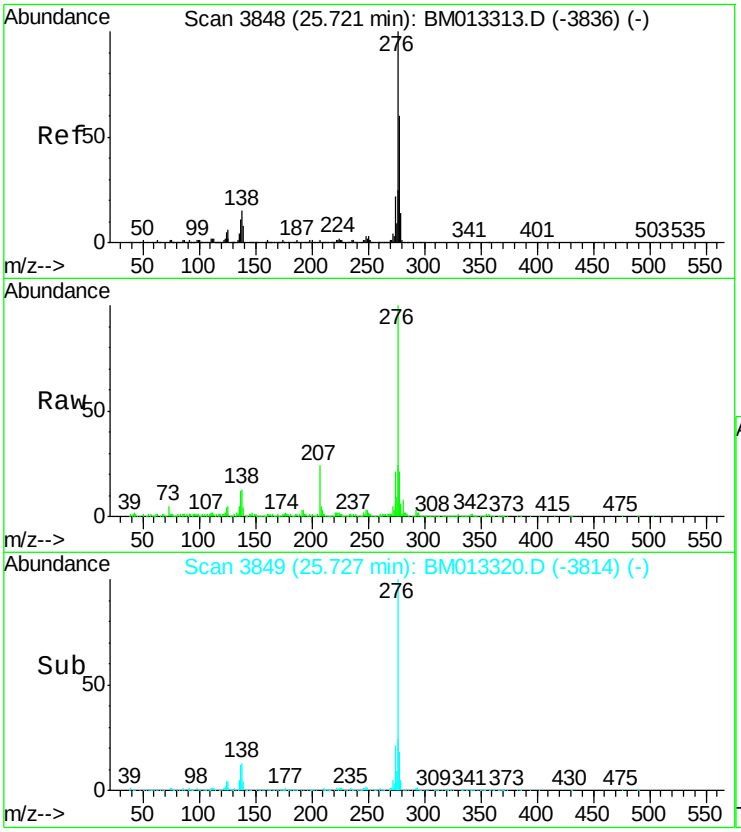


#88
Benzo(a)pyrene
Concen: 9.287 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:252 Resp: 698115

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	7.7	4.0	6.0#



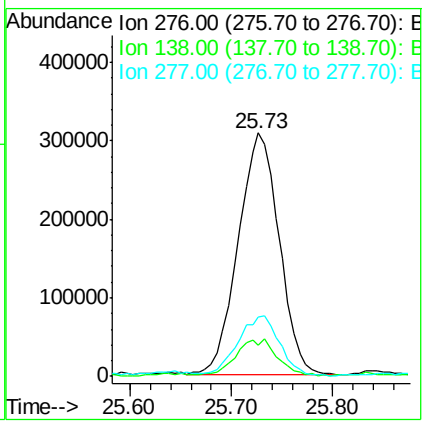


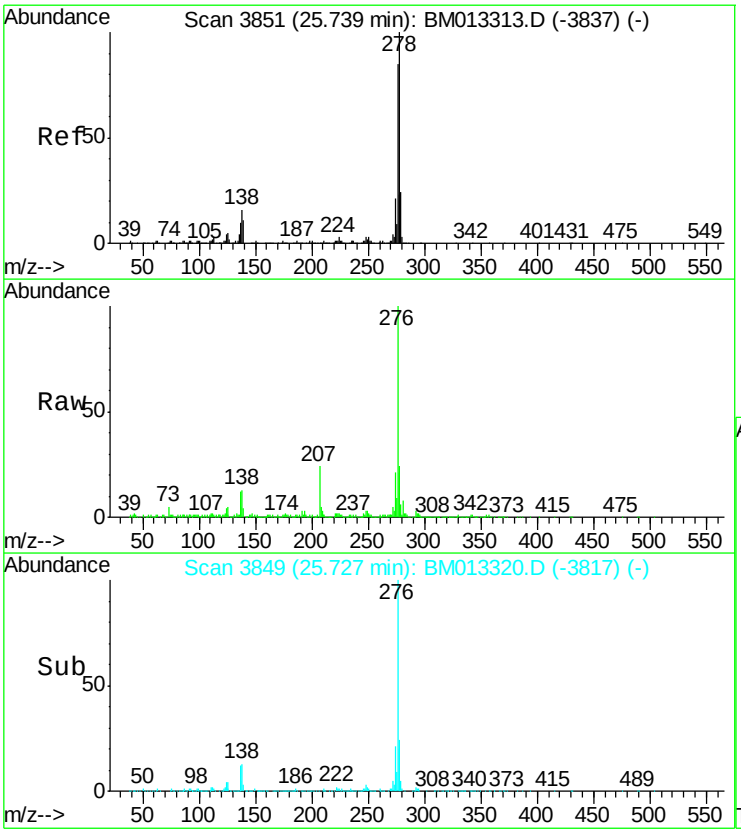
#89
Indeno(1,2,3-cd)pyrene
Concen: 11.595 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. 0.01 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 864757

Ion	Ratio	Lower	Upper
276	100		
138	12.9	9.3	13.9
277	24.3	19.9	29.9

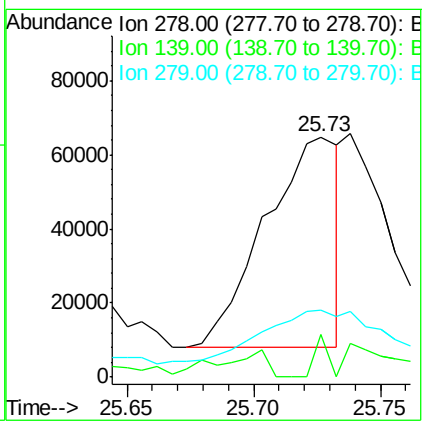


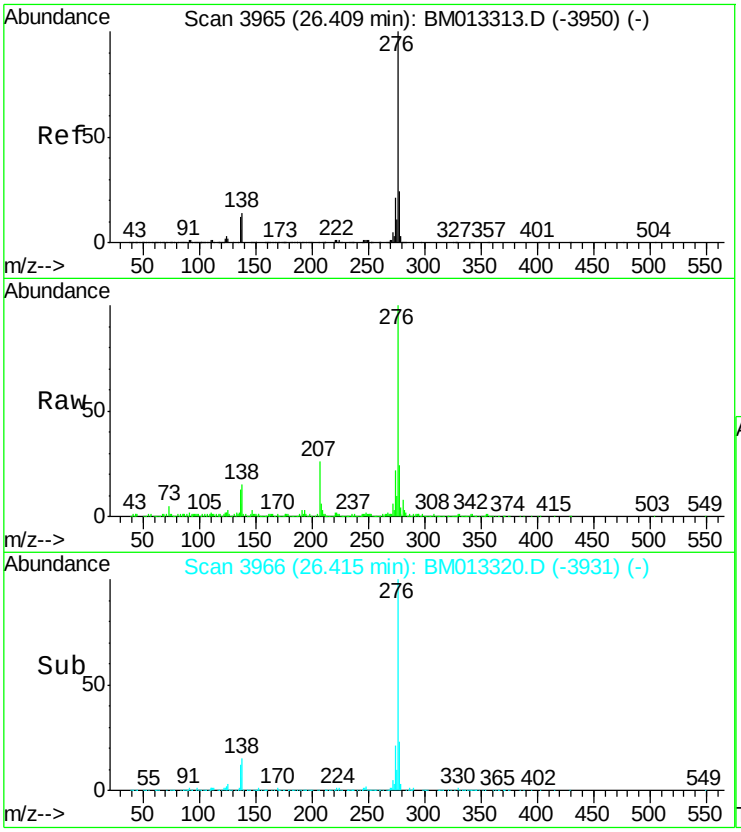


#90
Dibenzo(a,h)anthracene
Concen: 1.811 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Tgt Ion:278 Resp: 115039

Ion	Ratio	Lower	Upper
278	100		
139	17.7	5.8	8.8#
279	28.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 14.727 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013320.D
Acq: 12 Dec 2017 00:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 866385

Ion	Ratio	Lower	Upper
276	100		
138	15.4	8.5	12.7#
277	23.8	18.6	28.0