Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 04:16:41 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	239049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1088419	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	668584	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1476978	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1465012	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1239659	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	1950	0.40	ng/uL	0.00
5) Phenol-d5	6.87	99	42005	2.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	25216	2.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	35531	2.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	38352	2.17	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	18768	2.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	19628	2.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	36282	1.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	29363	1.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	133645	2.25	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	159155	2.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	13401	1.30	ng/ul	0.01
57) Fluorene-d10	15.33	176	115041	2.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	13024	1.40	ng/ul	0.00
70) Anthracene-d10	17.17	188	170177	2.30	ng/ul	0.00
76) Pyrene-d10	19.47	212	179981	2.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	136119	2.16	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	259763	3.823	ng/ul	99
69) Phenanthrene	17.12	178	90780	1.082	ng/ul	100
71) Anthracene	17.21	178	257201	2.999	ng/ul	97
74) Fluoranthene	19.14	202	1270304	12.354	ng/ul#	92
77) Pyrene	19.50	202	1489649	16.737	ng/ul#	92
80) Benzo(a)anthracene	21.26	228	1329008	14.298	ng/ul	94
82) Chrysene	21.30	228	1863550	21.610	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	3256845	38.973	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	3256845	41.413	ng/ul#	96
88) Benzo(a)pyrene	23.40	252	1411499	18.803	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.73	276	1074778	14.430	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	302369	4.767	ng/ul#	96
91) Benzo(g,h,i)perylene	26.41	276	906384	15.427	ng/ul#	96

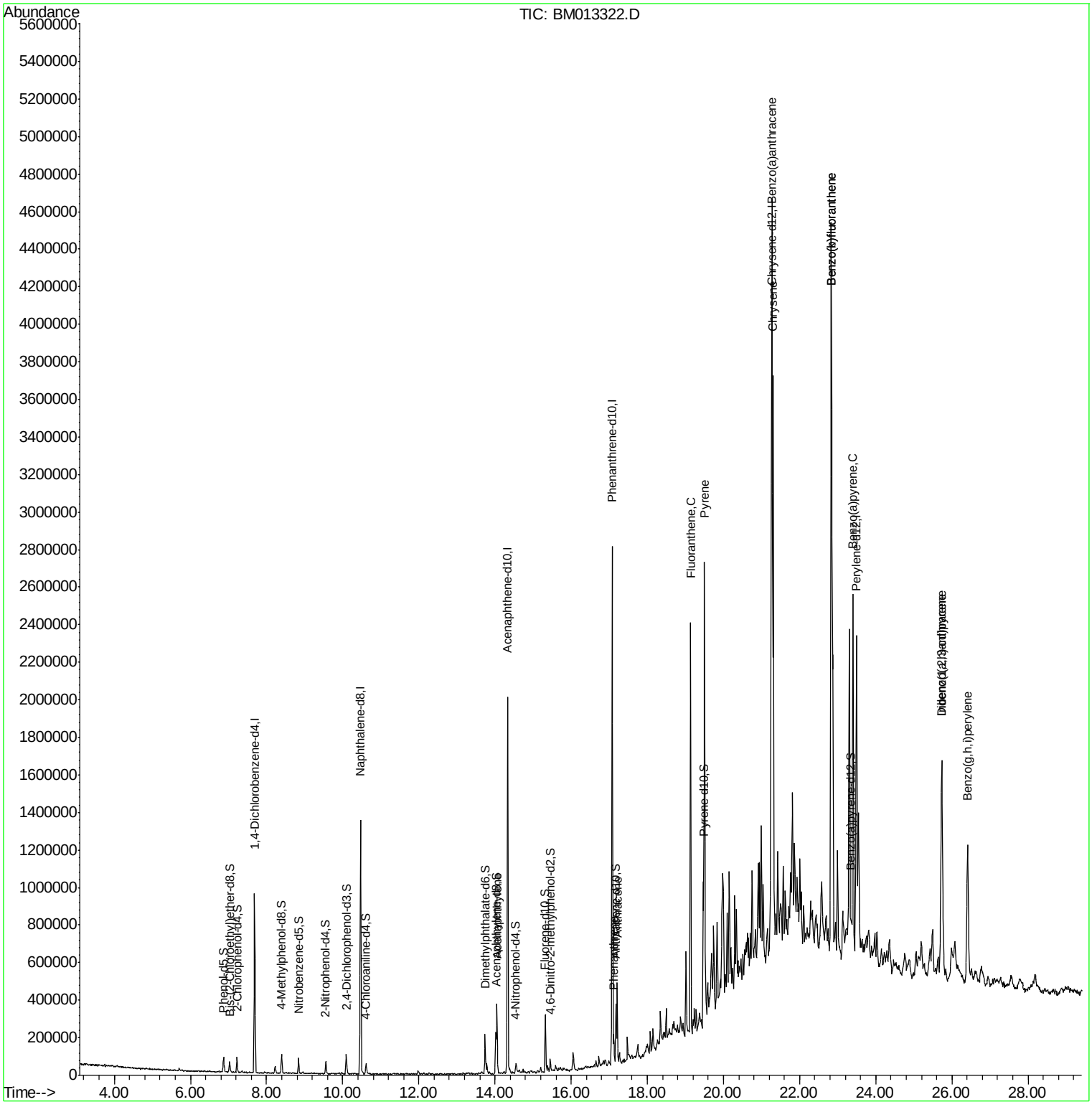
(#) = qualifier out of range (m) = manual integration (+) = signals summed

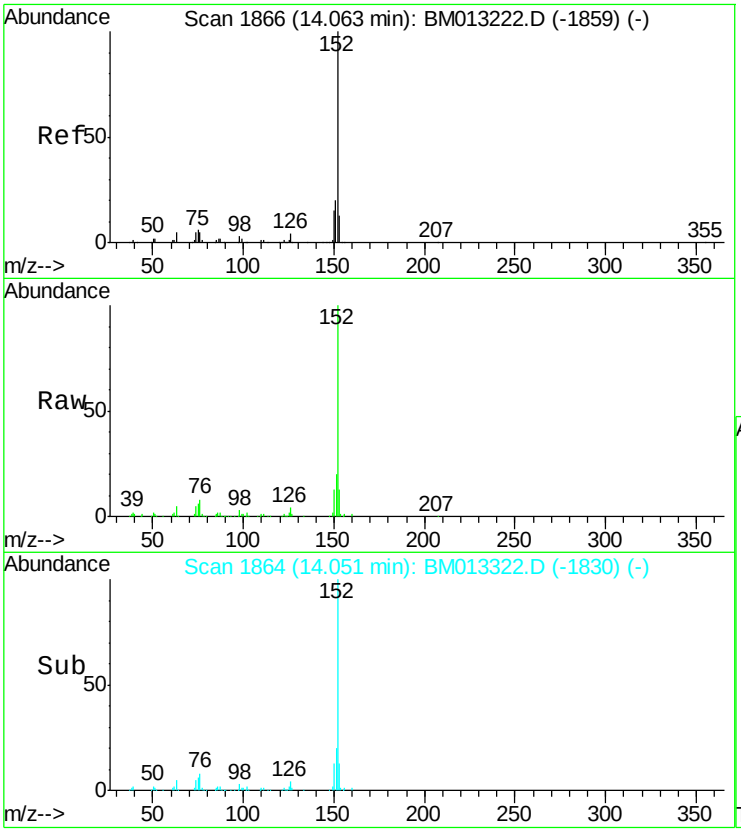
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121117\
Data File : BM013322.D
Acq On : 12 Dec 2017 01:57
Operator : SJ/JU
Sample : I6758-07 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 04:16:41 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



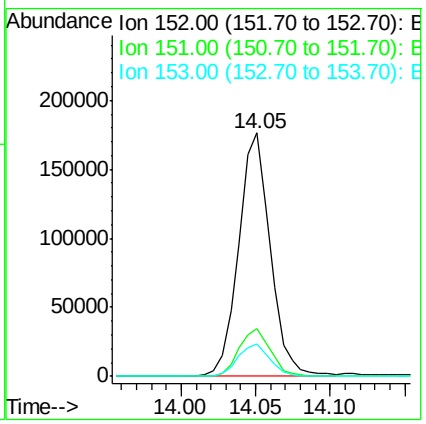


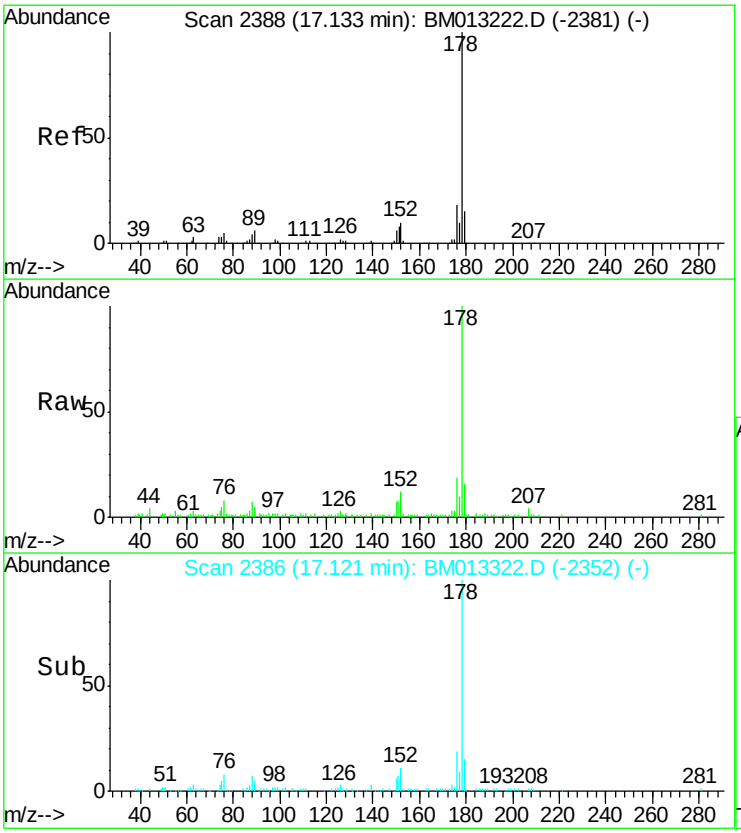
#47
Acenaphthylene
Concen: 3.823 ng/ul
RT: 14.05 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 259763

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.3	10.2	15.4

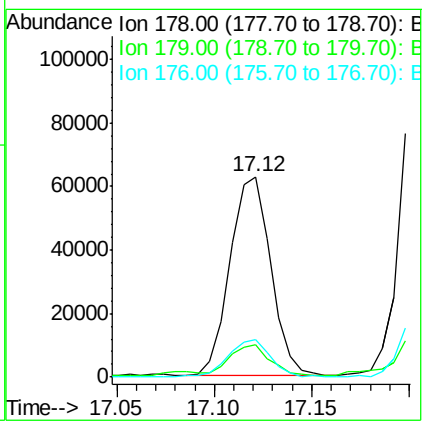


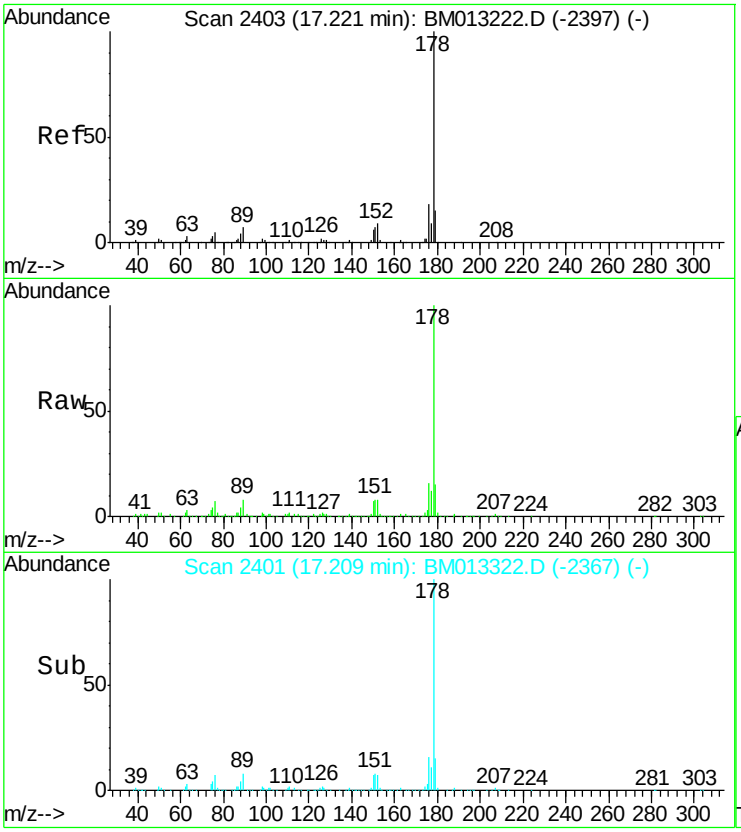


#69
Phenanthrene
Concen: 1.082 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:178 Resp: 90780

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.6	14.9	22.3



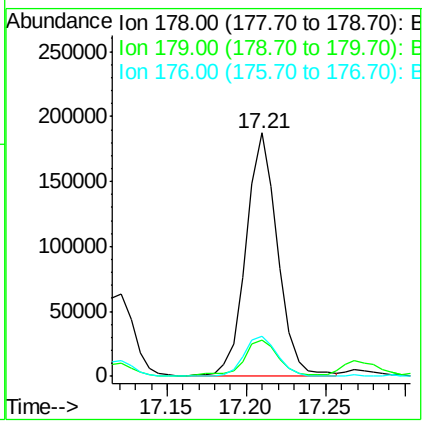


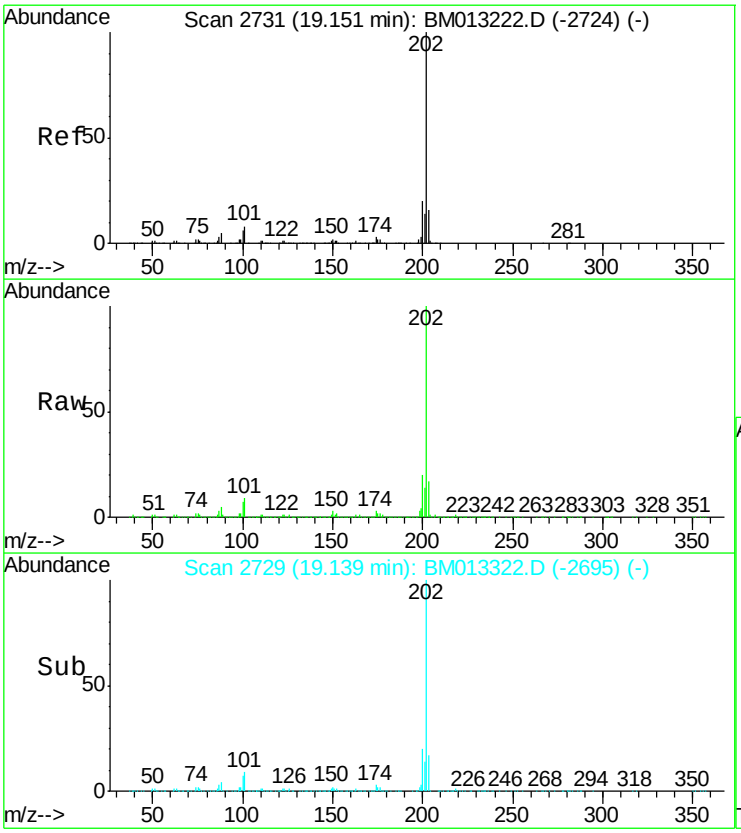
#71
Anthracene
Concen: 2.999 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 257201

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	16.4	14.6	21.8

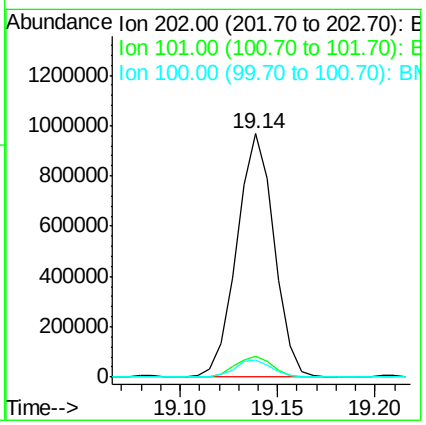


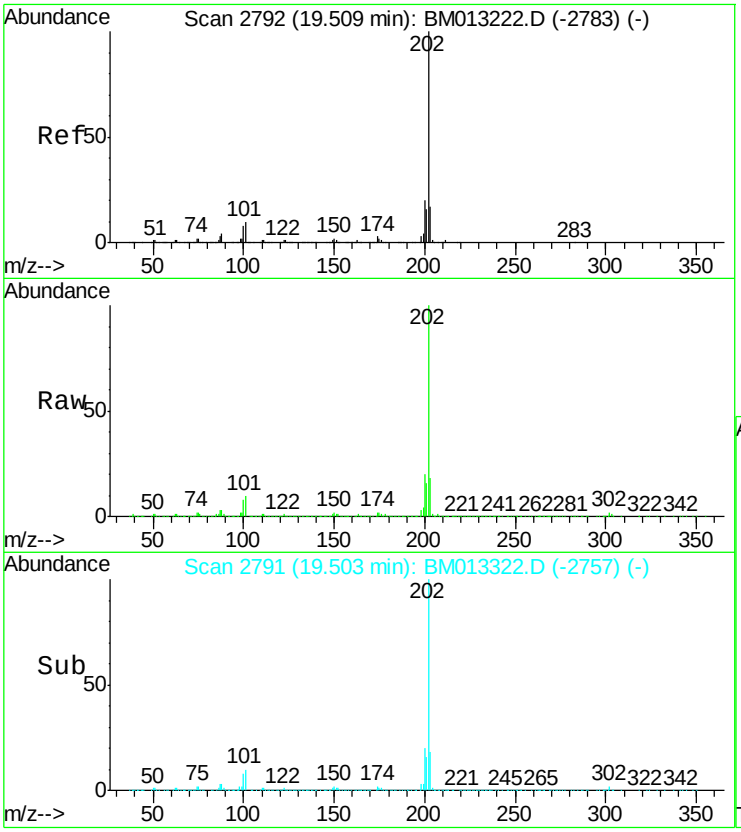


#74
Fluoranthene
Concen: 12.354 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:202 Resp: 1270304

Ion	Ratio	Lower	Upper
202	100		
101	8.8	4.6	7.0#
100	6.9	3.4	5.2#



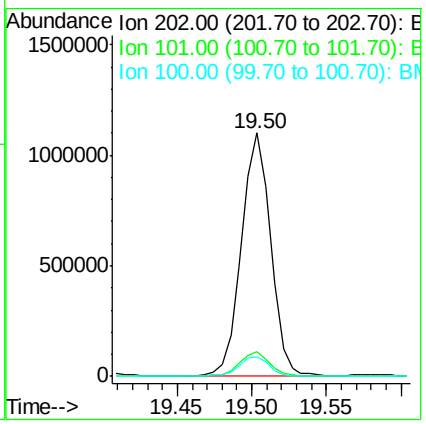


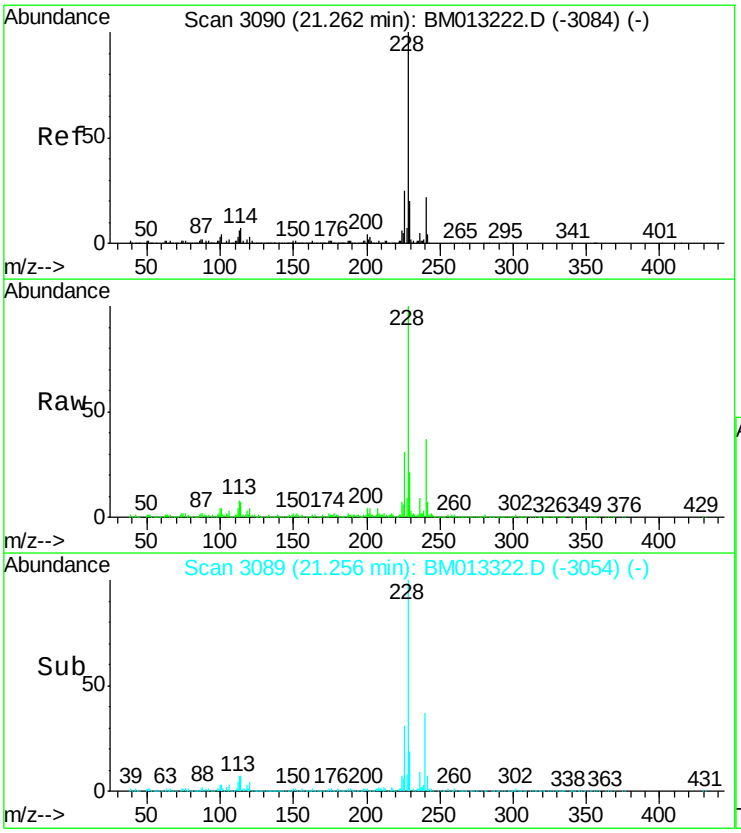
#77
Pyrene
Concen: 16.737 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1489649

Ion	Ratio	Lower	Upper
202	100		
101	10.0	5.1	7.7#
100	7.9	4.9	7.3#

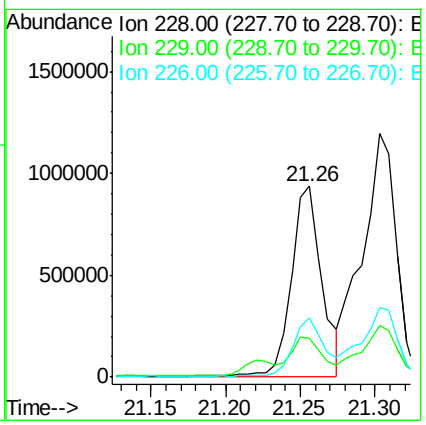


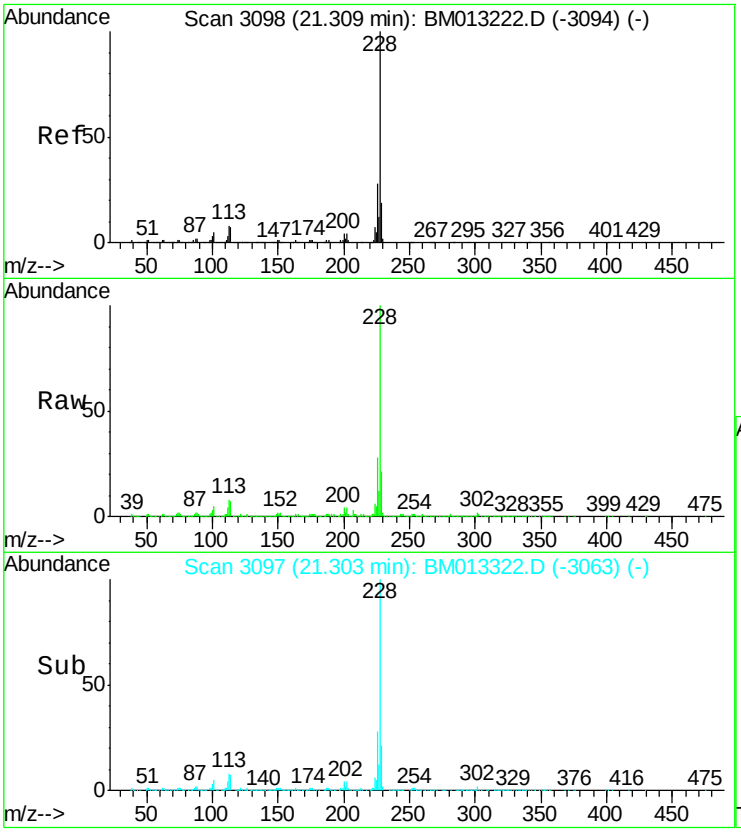


#80
Benzo(a)anthracene
Concen: 14.298 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. 0.01 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:228 Resp: 1329008

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	31.3	21.4	32.0



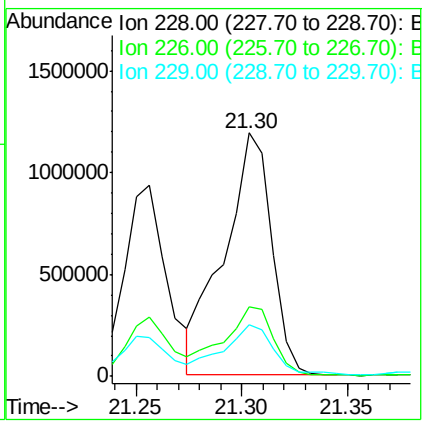


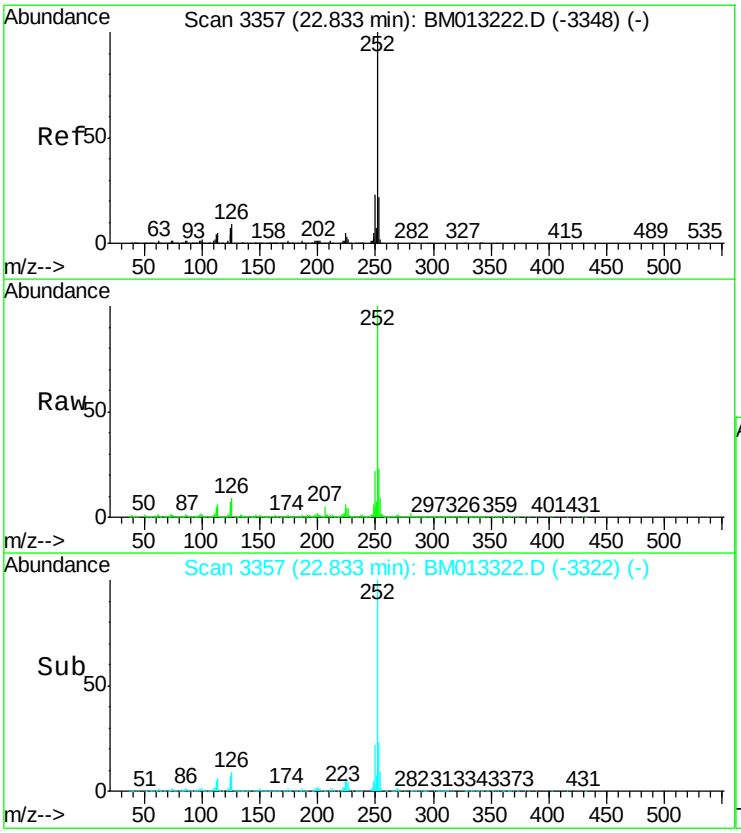
#82
Chrysene
Concen: 21.610 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1863550

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.1	15.5	23.3

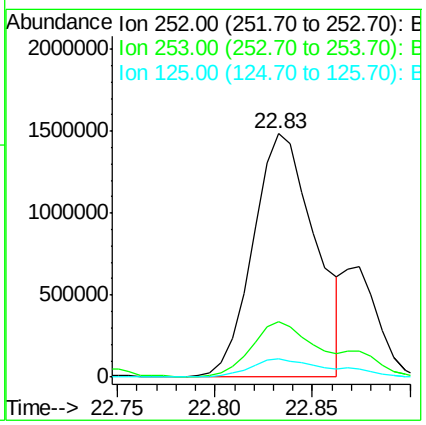


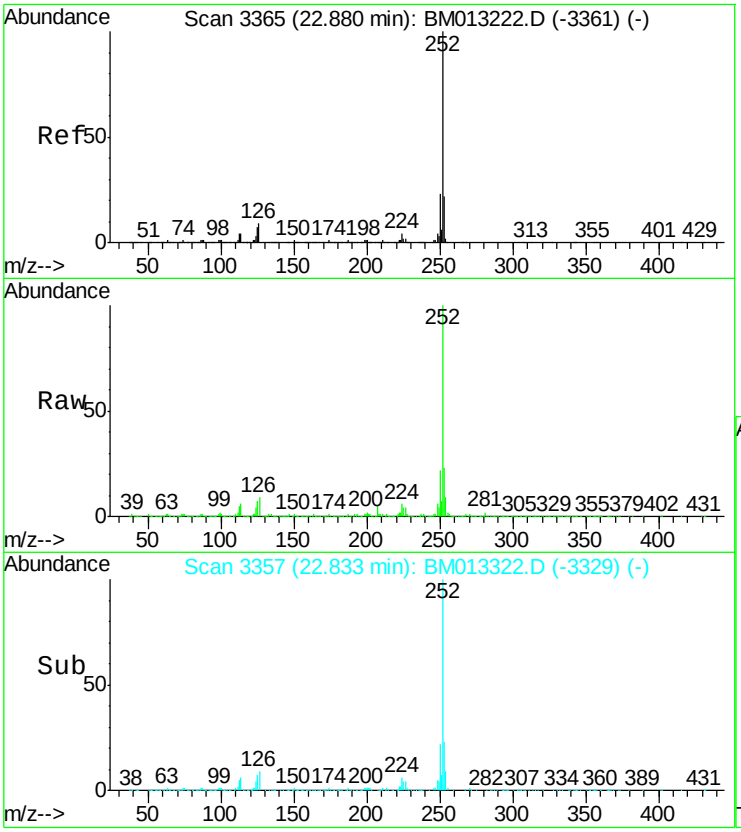


#85
Benzo(b)fluoranthene
Concen: 38.973 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:252 Resp: 3256845

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	7.5	3.6	5.4#



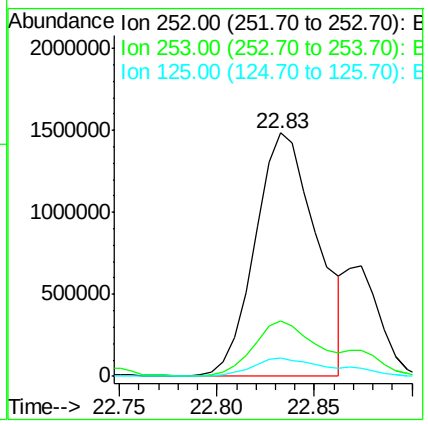


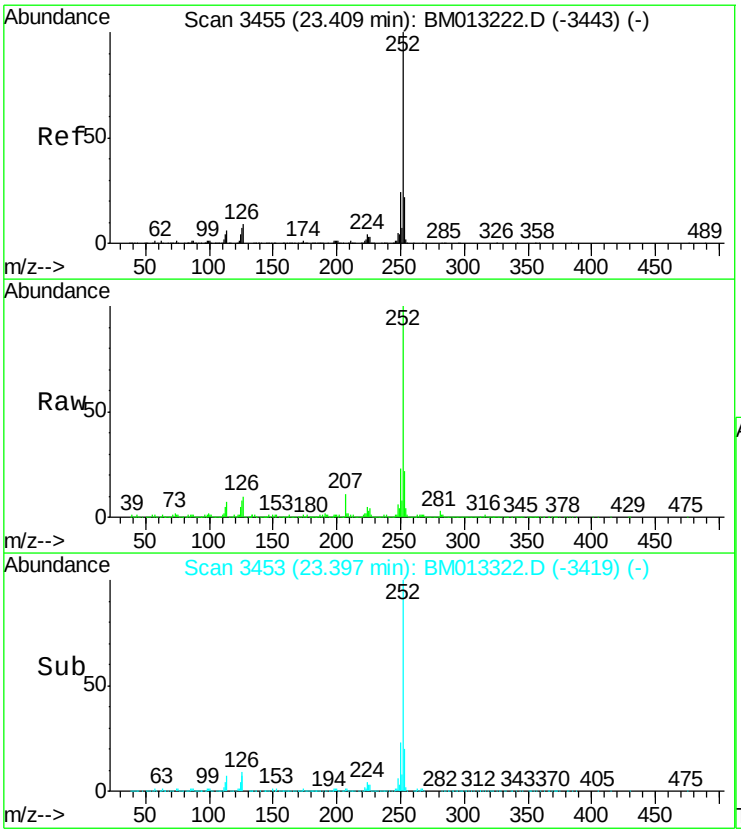
#86
Benzo(k)fluoranthene
Concen: 41.413 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. -0.04 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 3256845

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	7.5	3.4	5.2#

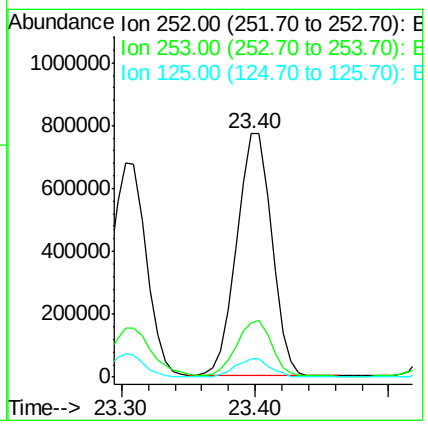


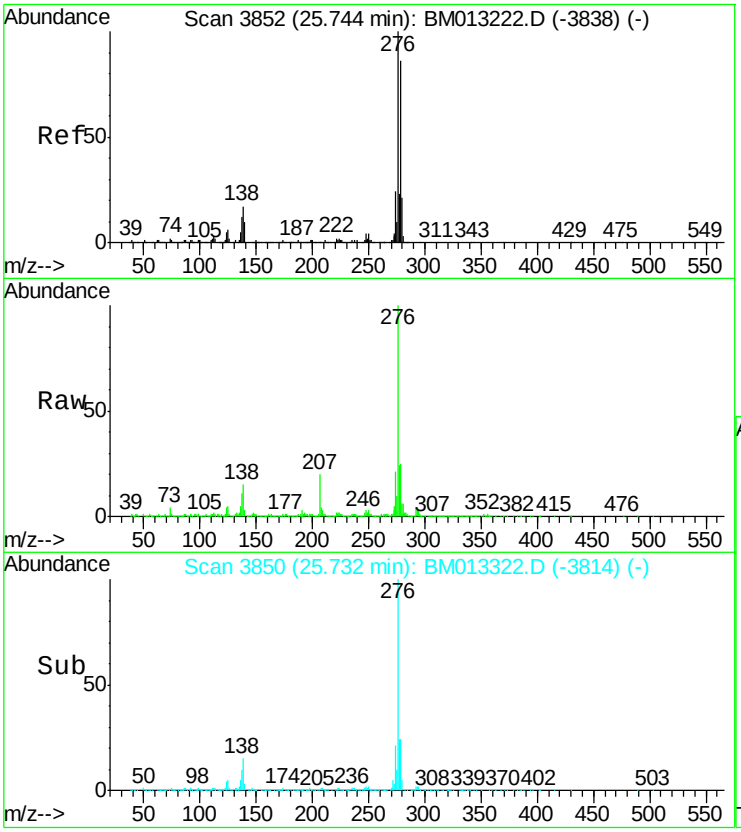


#88
Benzo(a)pyrene
Concen: 18.803 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:252 Resp: 1411499

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.5	4.0	6.0#



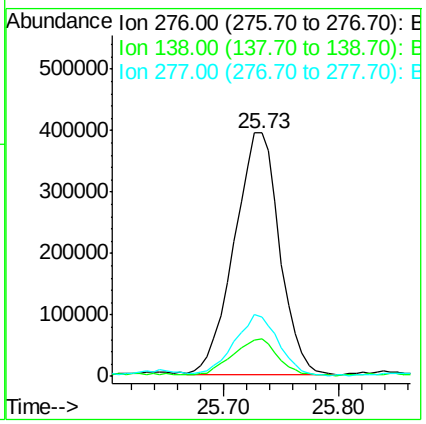


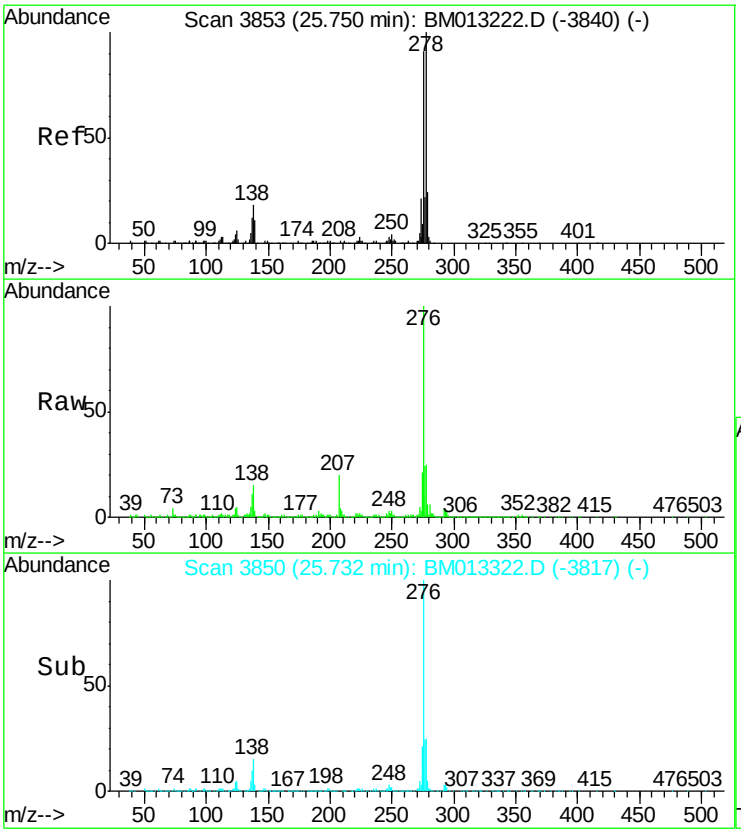
#89
Indeno(1,2,3-cd)pyrene
Concen: 14.430 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. 0.01 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1074778

Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	24.3	19.9	29.9

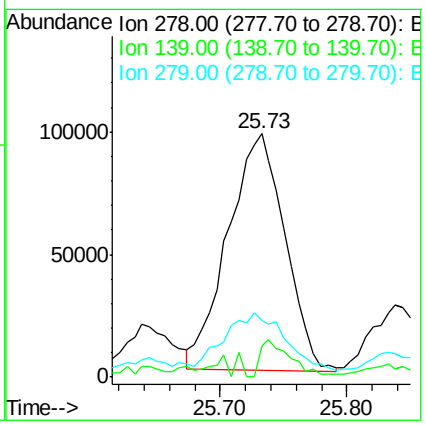


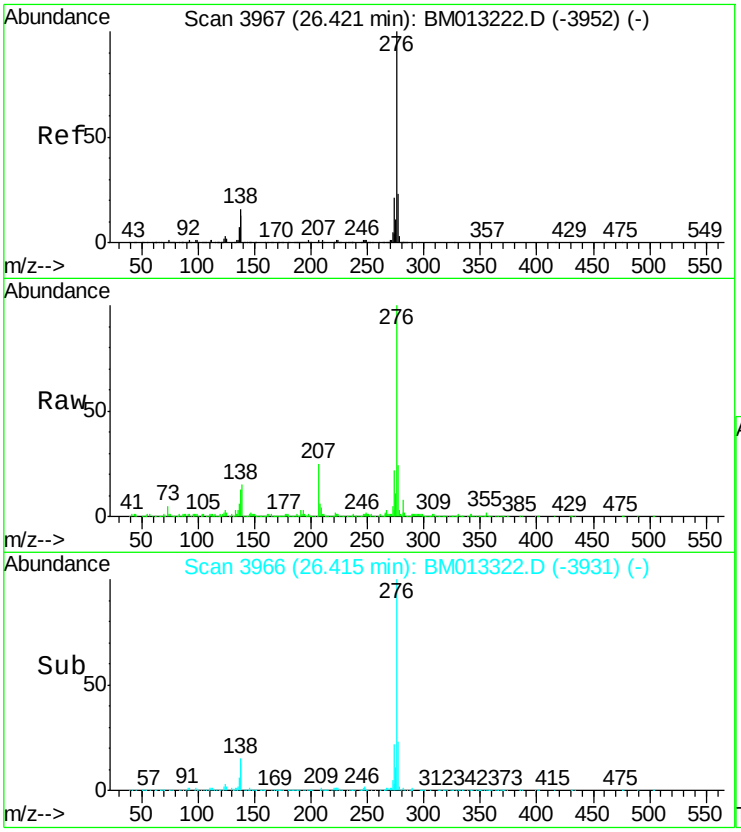


#90
Dibenzo(a,h)anthracene
Concen: 4.767 ng/ul
RT: 25.73 min Scan# 3850
Delta R.T. -0.01 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Tgt Ion:278 Resp: 302369

Ion	Ratio	Lower	Upper
278	100		
139	12.6	5.8	8.8#
279	23.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 15.427 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013322.D
Acq: 12 Dec 2017 01:57

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 906384

Ion	Ratio	Lower	Upper
276	100		
138	15.2	8.5	12.7#
277	23.8	18.6	28.0