Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013223.D
Acq On : 06 Dec 2017 23:20
Operator : SJ/JU
Sample : I6647-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0247

Quant Time: Dec 07 05:46:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 07 04:35:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	237720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1043798	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	623192	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1463609	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1608957	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1305256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	23121	4.82	ng/uL	0.00
5) Phenol-d5	6.87	99	540007	26.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	319252	27.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	434243	27.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	470405	26.77	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	230785	27.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	253077	28.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	485639	26.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	531064	31.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1574649	28.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	2006784	29.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	238309	24.73	ng/ul	0.00
57) Fluorene-d10	15.33	176	1352368	28.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	205391	22.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	2116163	28.87	ng/ul	0.00
76) Pyrene-d10	19.49	212	2444213	30.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1927173	28.99	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.90	94	62379	3.068	ng/ul#	84
44) Dimethylphthalate	13.80	163	351214	6.622	ng/ul	99
69) Phenanthrene	17.13	178	245779	2.956	ng/ul	99
74) Fluoranthene	19.14	202	251686	2.470	ng/ul#	96
77) Pyrene	19.51	202	291015	2.977	ng/ul#	92
82) Chrysene	21.31	228	124214	1.312	ng/ul#	96
85) Benzo(b)fluoranthene	22.83	252	131393	1.493	ng/ul#	93

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

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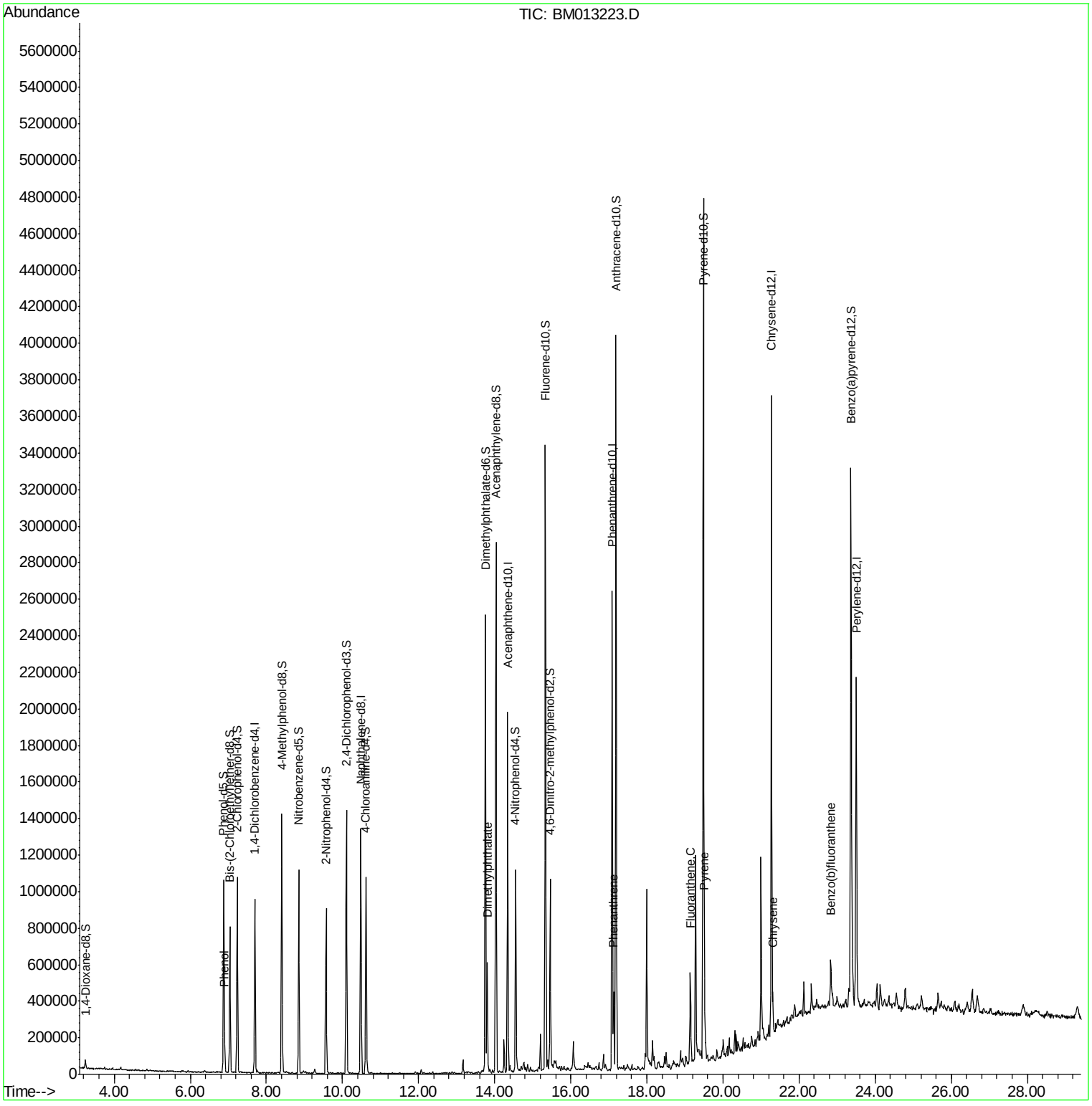
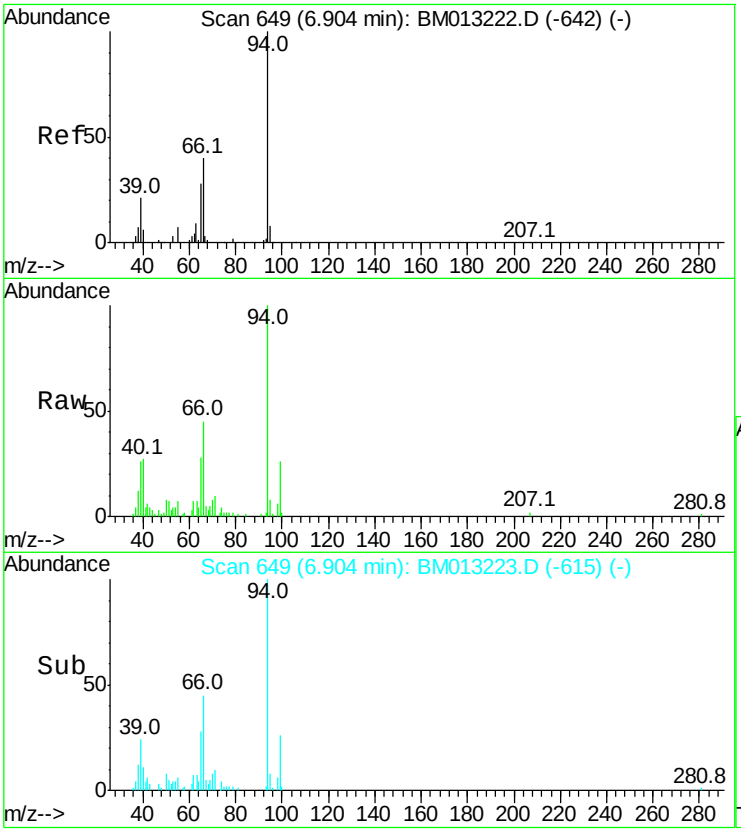


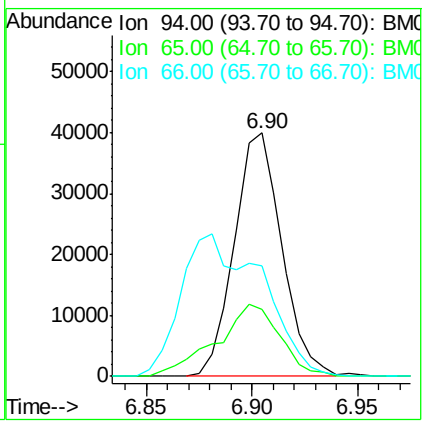


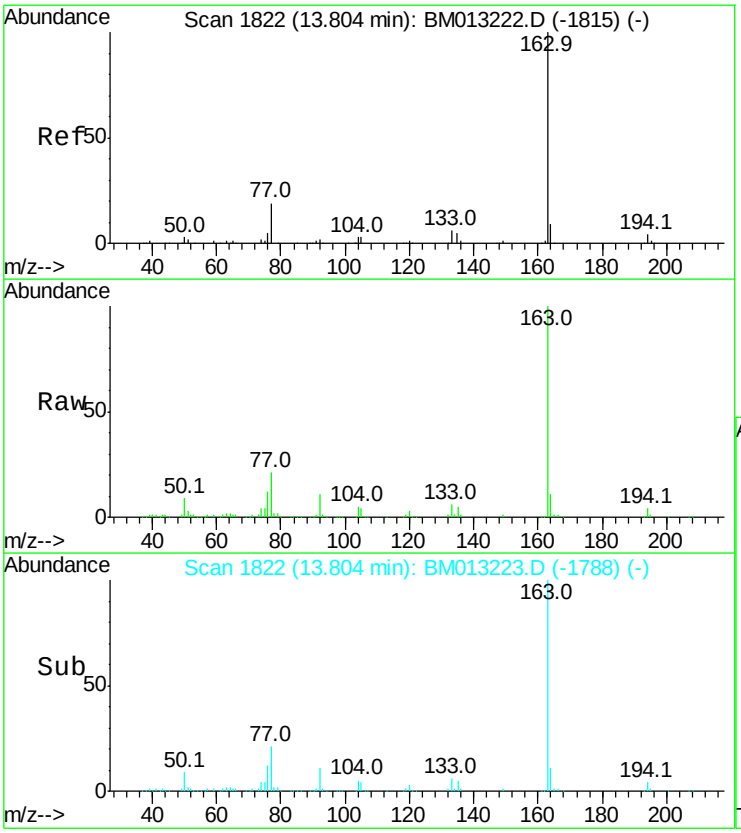
#6
Phenol
Concen: 3.068 ng/ul
RT: 6.90 min Scan# 649
Delta R.T. 0.00 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Instrument :
BNA_M
ClientSampleId :
C0247

Tgt Ion: 94 Resp: 62379

Ion	Ratio	Lower	Upper
94	100		
65	27.7	28.2	42.4#
66	45.4	47.2	70.8#

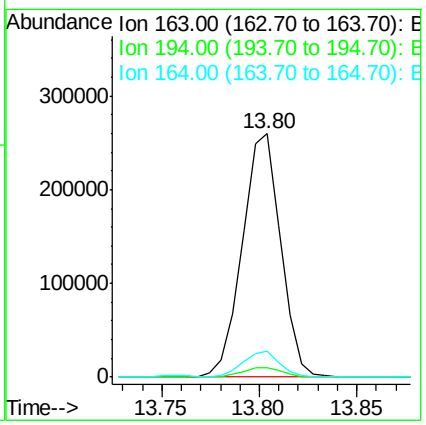


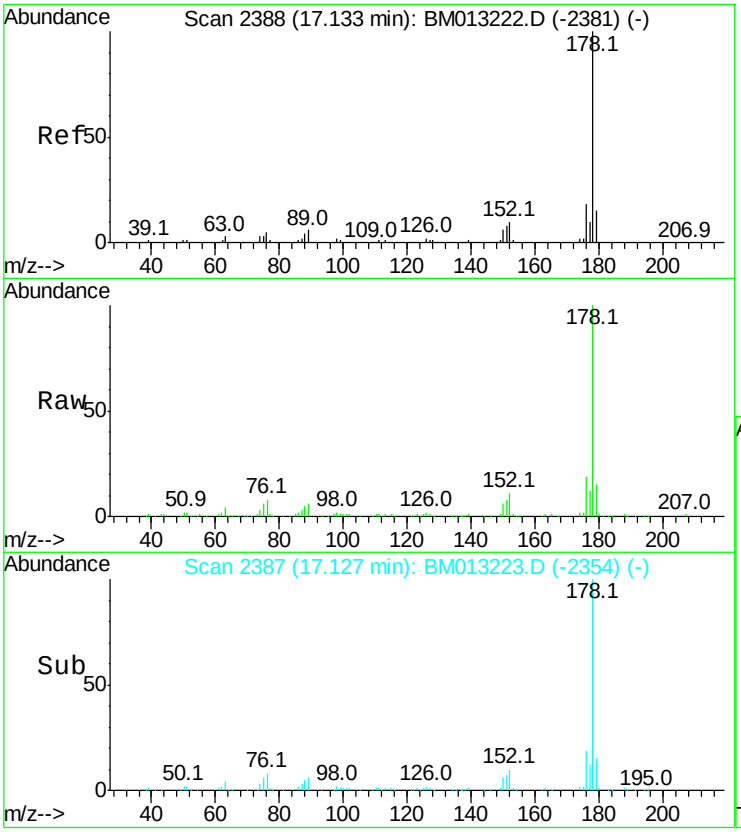


#44
Dimethylphthalate
Concen: 6.622 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Tgt Ion:163 Resp: 351214

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.5	5.3
164	10.6	8.2	12.4



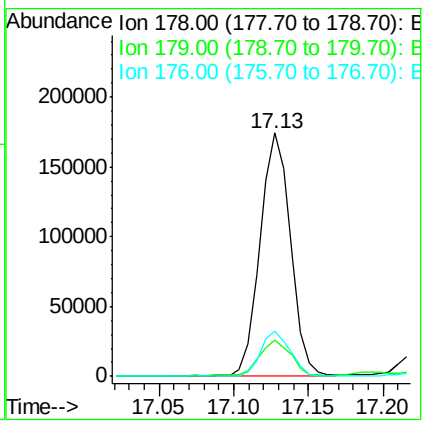


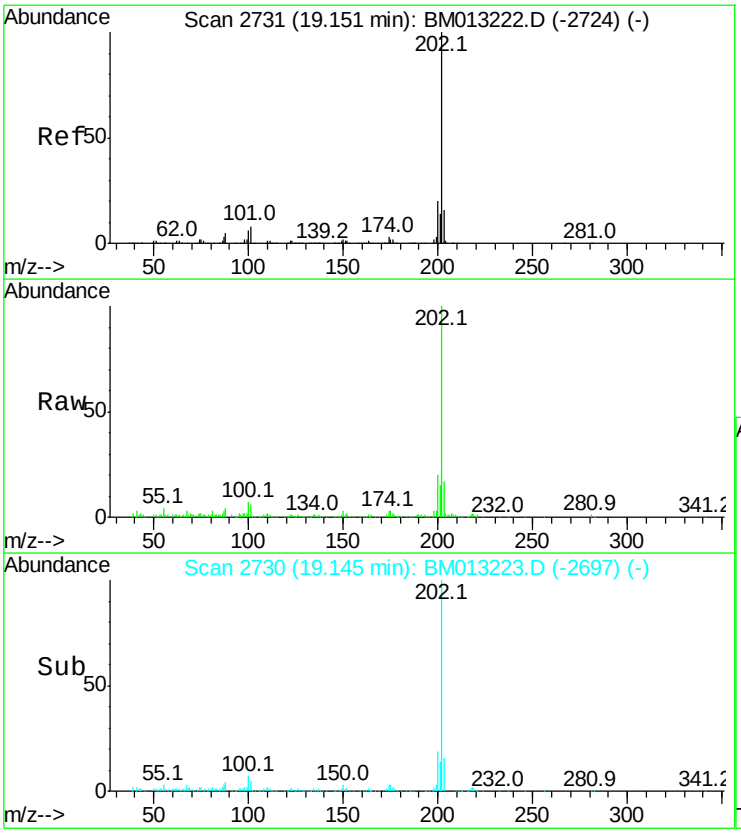
#69
Phenanthrene
Concen: 2.956 ng/ul
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Instrument :
BNA_M
ClientSampleId :
C0247

Tgt Ion:178 Resp: 245779

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	18.7	14.9	22.3

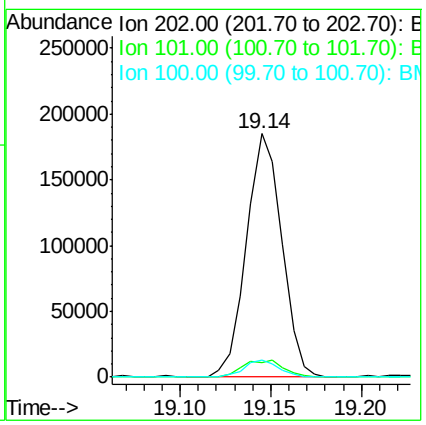


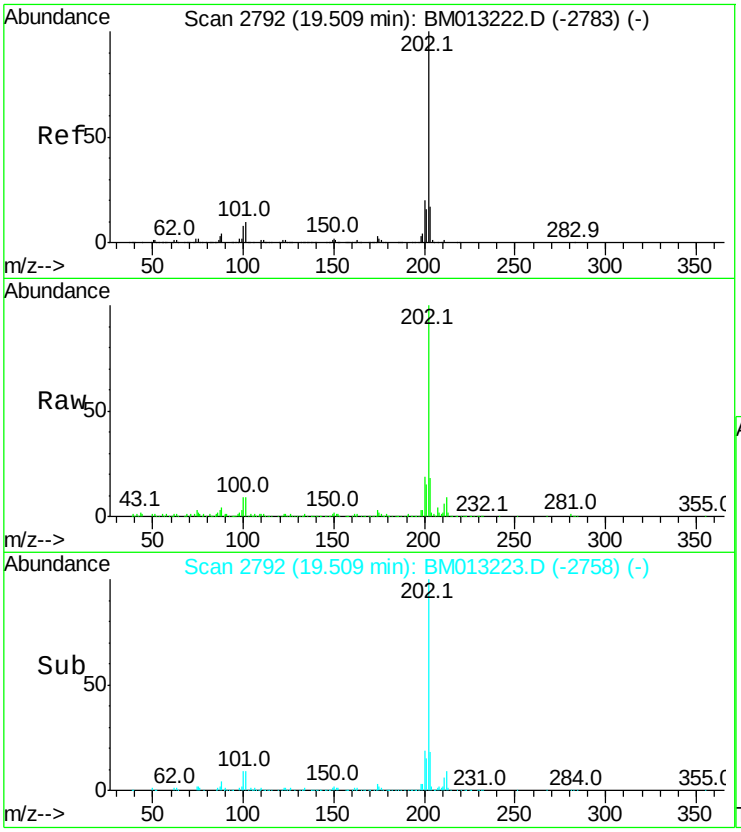


#74
Fluoranthene
Concen: 2.470 ng/ul
RT: 19.14 min Scan# 2730
Delta R.T. -0.01 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Tgt Ion:202 Resp: 251686

Ion	Ratio	Lower	Upper
202	100		
101	6.0	4.6	7.0
100	7.2	3.4	5.2#



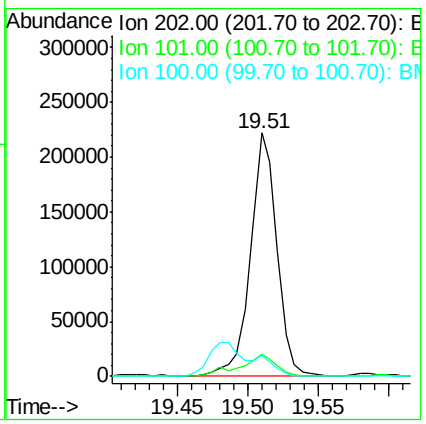


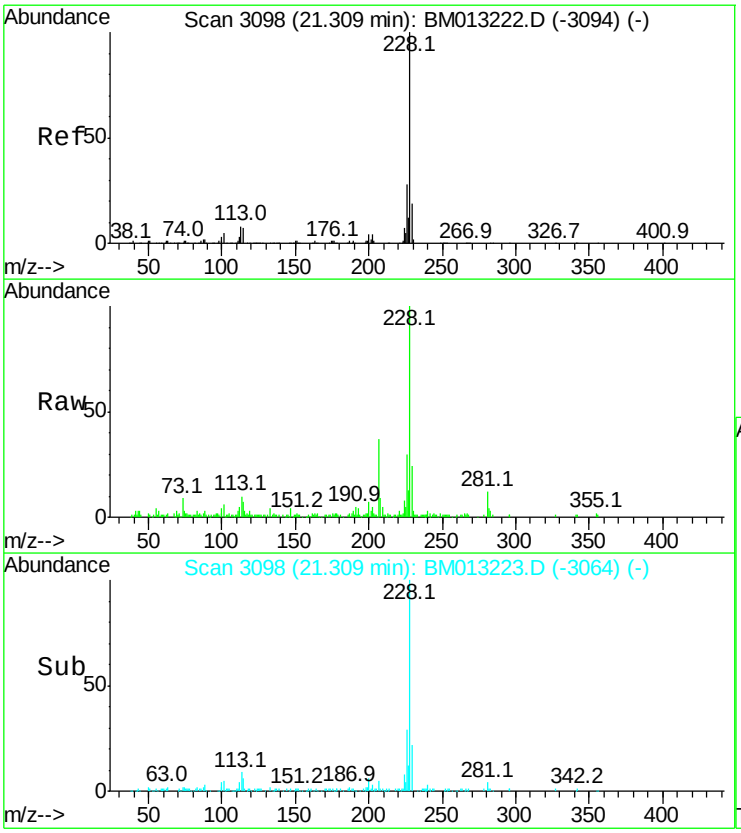
#77
Pyrene
Concen: 2.977 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.00 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Instrument :
BNA_M
ClientSampleId :
C0247

Tgt Ion:202 Resp: 291015

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	8.6	4.9	7.3#

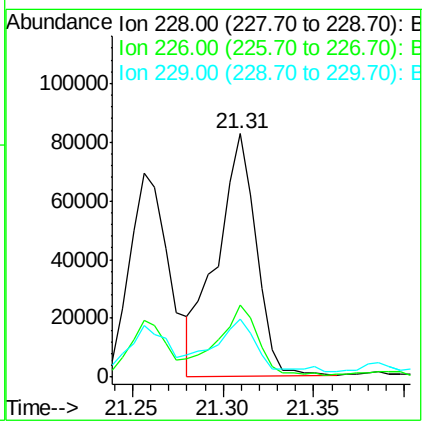


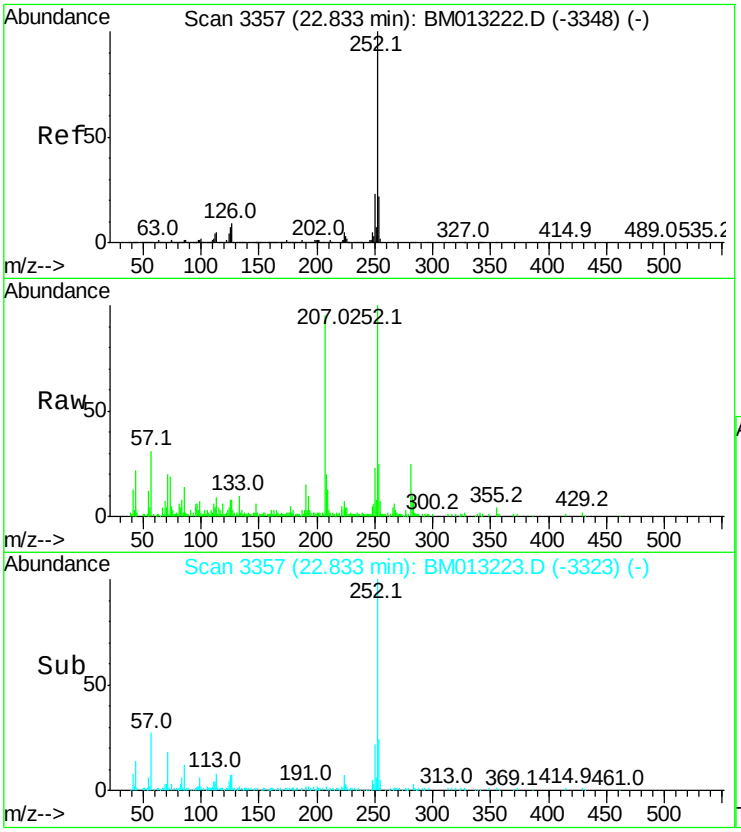


#82
Chrysene
Concen: 1.312 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. 0.00 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Tgt Ion:228 Resp: 124214

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	24.0	15.5	23.3#





#85
Benzo(b)fluoranthene
Concen: 1.493 ng/ul
RT: 22.83 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BM013223.D
Acq: 06 Dec 2017 23:20

Instrument :
BNA_M
ClientSampleId :
C0247

Tgt Ion:252 Resp: 131393

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	8.5	3.6	5.4#