Quantitation Report (LSC Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120417\
Data File : BM013180.D
Acq On : 04 Dec 2017 23:08
Operator : SJ/JU
Sample : I6646-08
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0274

Quant Time: Dec 05 06:16:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	271909	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1147980	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	628917	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1216905	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	851597	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	834390	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	17894	3.26	ng/uL	0.00
5) Phenol-d5	6.88	99	478393	20.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	279768	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	396263	21.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	362264	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	201272	22.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	222164	22.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	422688	21.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	337777	18.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1215590	21.72	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1520288	22.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	169960	17.48	ng/ul	0.00
57) Fluorene-d10	15.34	176	1014836	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	100924	13.18	ng/ul	0.00
70) Anthracene-d10	17.19	188	1408977	23.12	ng/ul	0.00
76) Pyrene-d10	19.49	212	1188660	28.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	956268	22.50	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.91	94	49352	2.122	ng/ul#	82
44) Dimethylphthalate	13.80	163	147340	2.753	ng/ul	98
69) Phenanthrene	17.13	178	461219	6.671	ng/ul	98
74) Fluoranthene	19.15	202	445149	5.254	ng/ul#	94
77) Pyrene	19.52	202	429397	8.300	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	138747	2.568	ng/ul#	87
82) Chrysene	21.31	228	198831	3.966	ng/ul#	91
85) Benzo(b)fluoranthene	22.84	252	220712	3.924	ng/ul#	54
86) Benzo(k)fluoranthene	22.88	252	70405	1.330	ng/ul#	62
88) Benzo(a)pyrene	23.41	252	114882	2.274	ng/ul#	75
89) Indeno(1,2,3-cd)pyrene	25.76	276	93201	1.859	ng/ul#	83
91) Benzo(g,h,i)perylene	26.44	276	100115	2.532	ng/ul#	83

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

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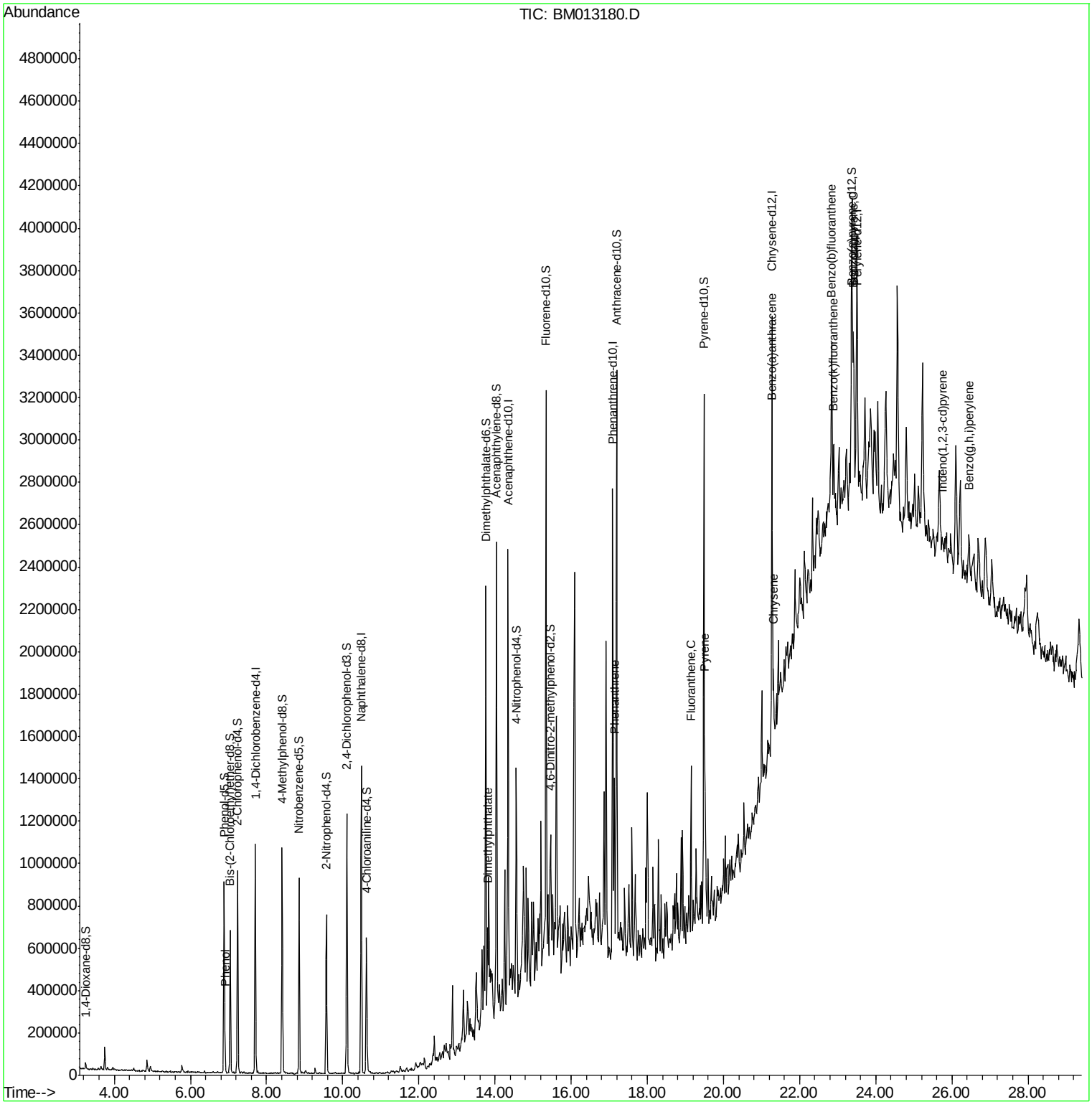
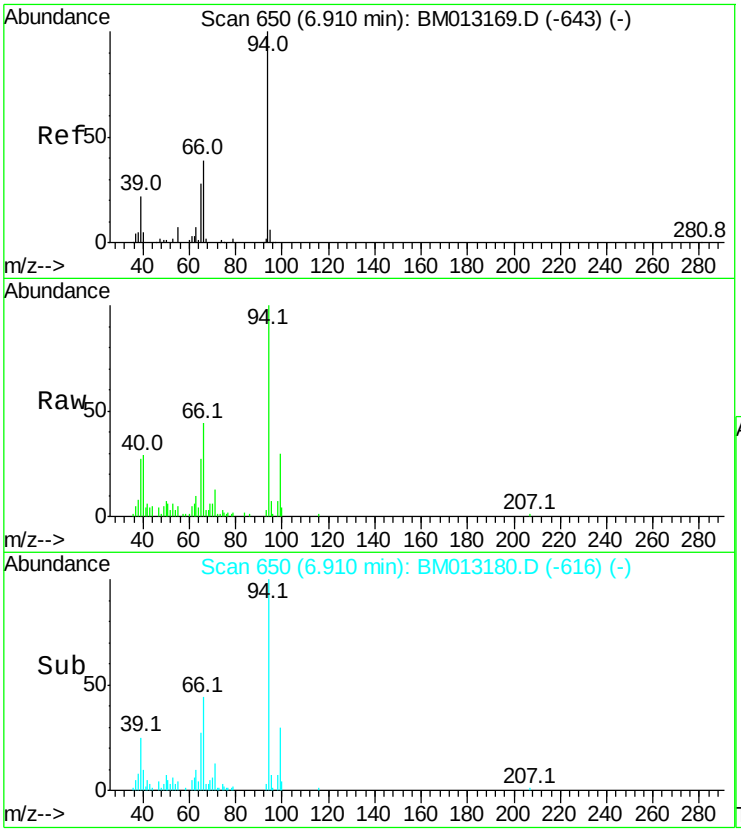


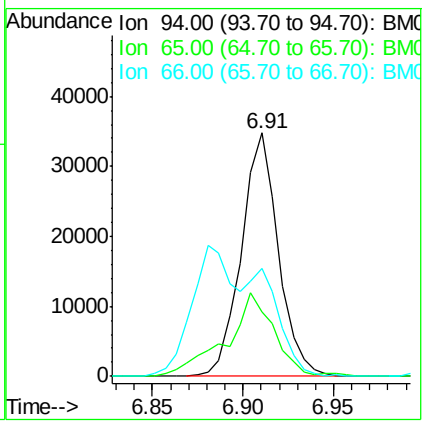


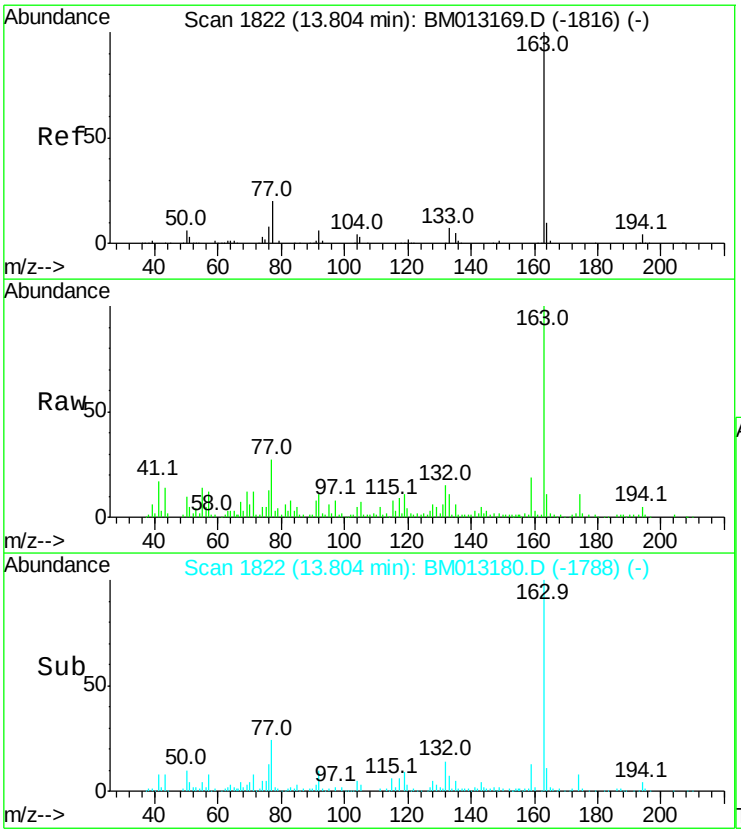
#6
Phenol
Concen: 2.122 ng/ul
RT: 6.91 min Scan# 650
Delta R.T. -0.00 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion: 94 Resp: 49352

Ion	Ratio	Lower	Upper
94	100		
65	26.6	28.2	42.4#
66	44.3	47.2	70.8#

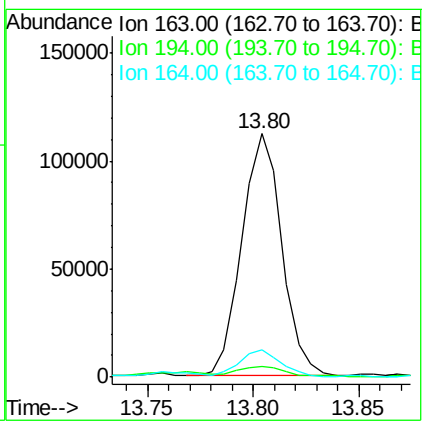


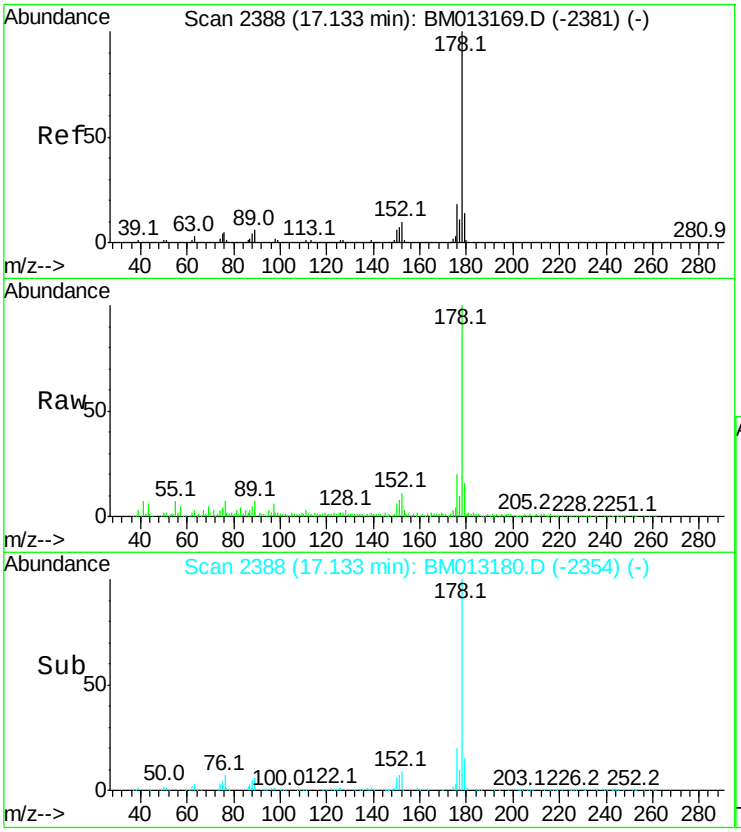


#44
Dimethylphthalate
Concen: 2.753 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:163 Resp: 147340

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.1	8.2	12.4



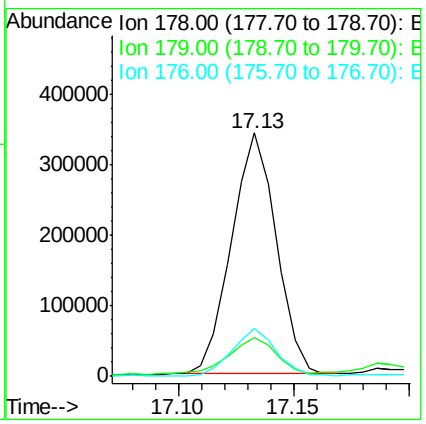


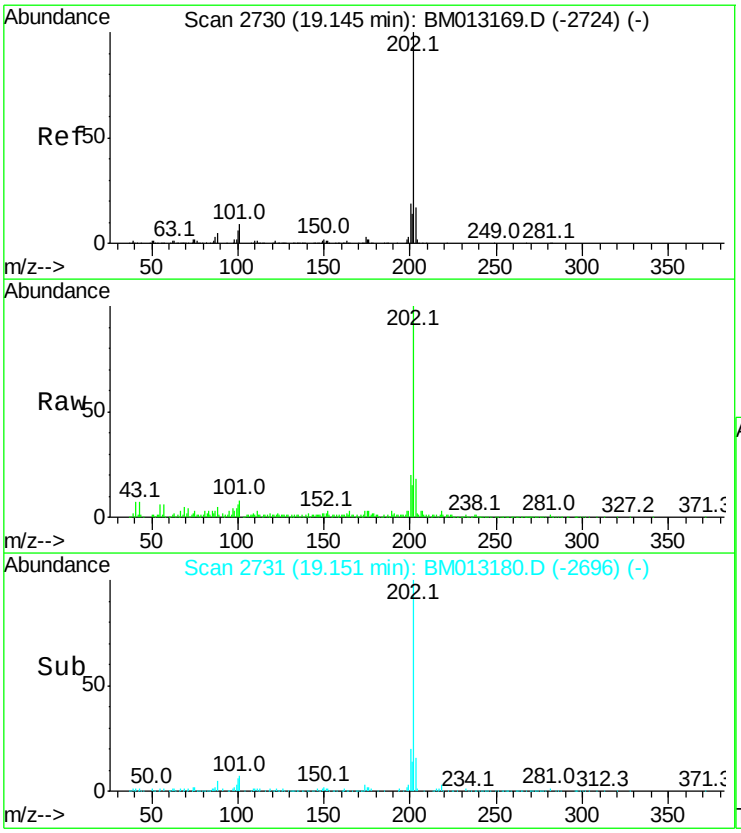
#69
Phenanthrene
Concen: 6.671 ng/ul
RT: 17.13 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion:178 Resp: 461219

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.8	14.9	22.3

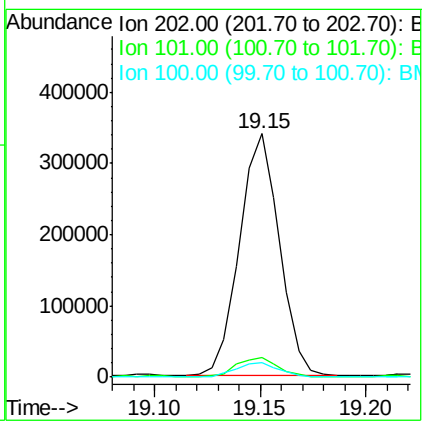


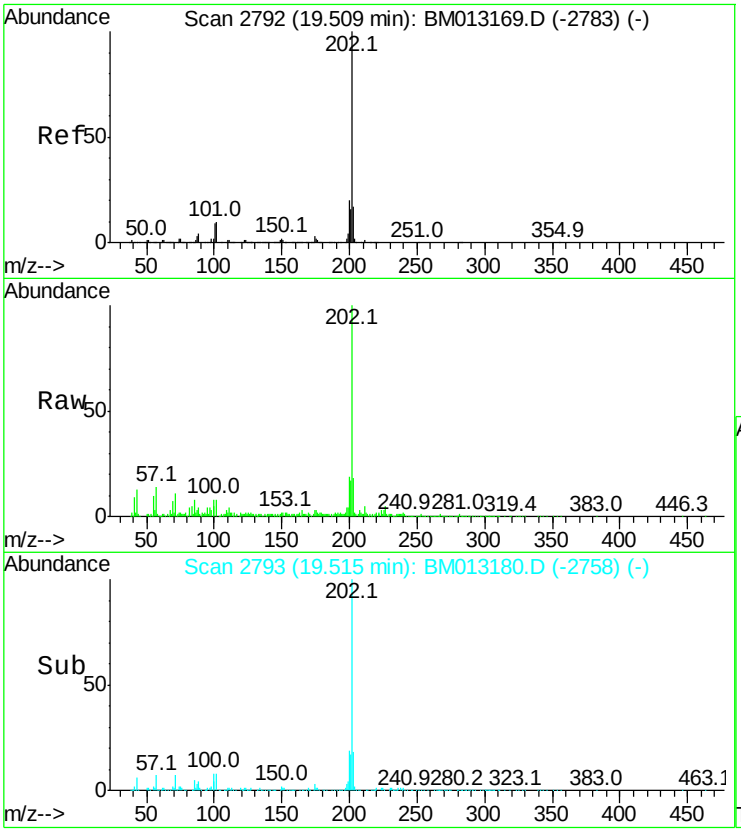


#74
Fluoranthene
Concen: 5.254 ng/ul
RT: 19.15 min Scan# 2731
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:202 Resp: 445149

Ion	Ratio	Lower	Upper
202	100		
101	8.0	4.6	7.0#
100	5.9	3.4	5.2#



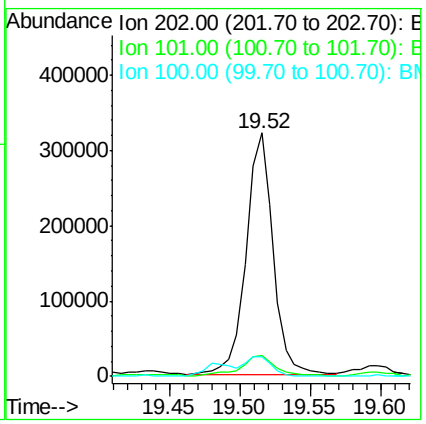


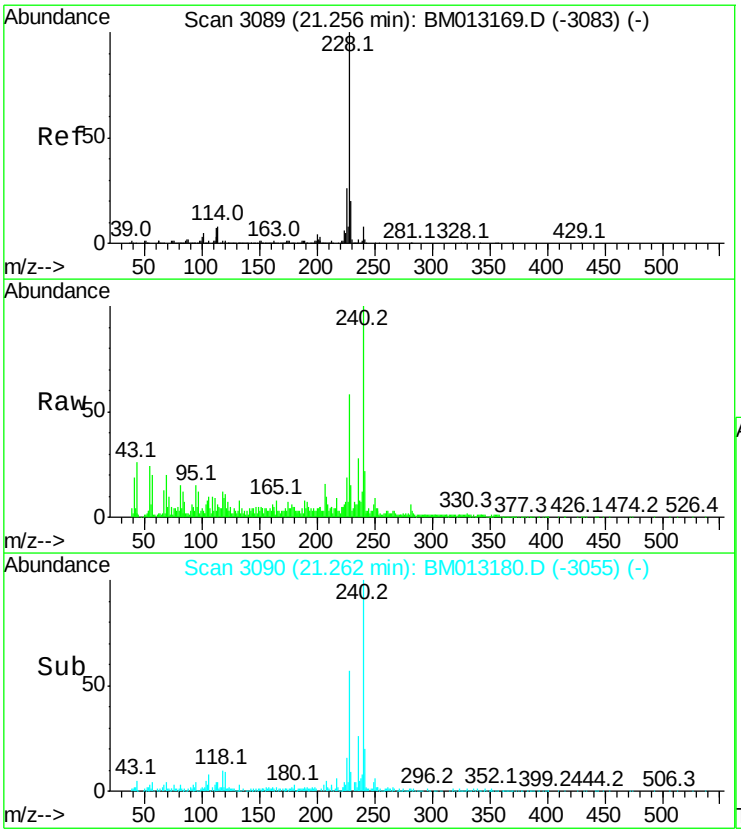
#77
Pyrene
Concen: 8.300 ng/ul
RT: 19.52 min Scan# 2793
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion:202 Resp: 429397

Ion	Ratio	Lower	Upper
202	100		
101	8.5	5.1	7.7#
100	7.8	4.9	7.3#

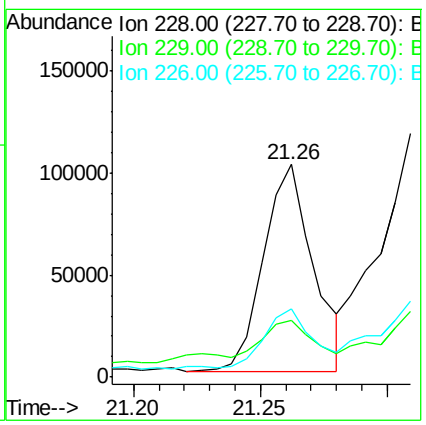


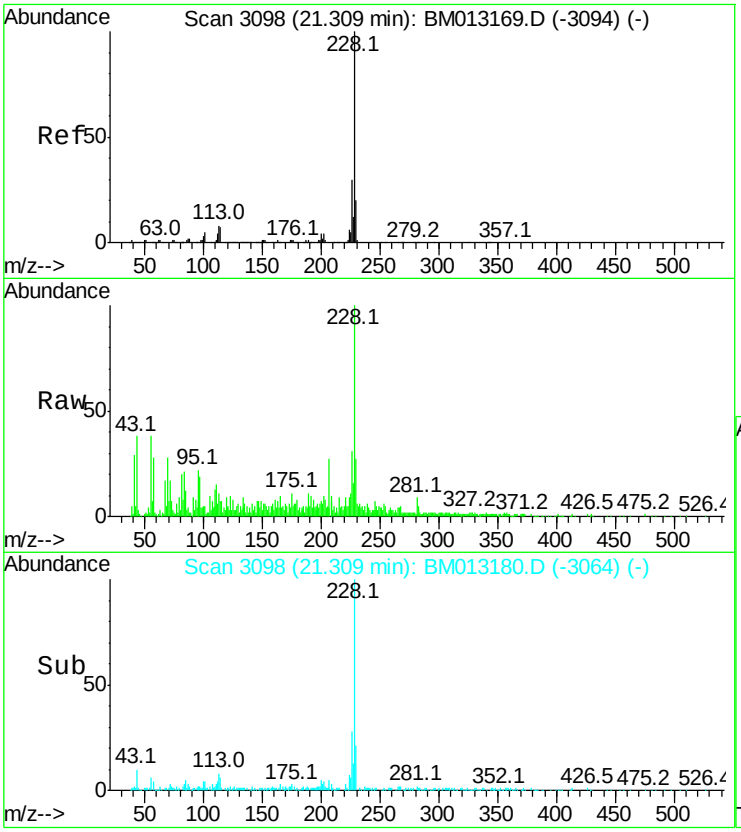


#80
Benzo(a)anthracene
Concen: 2.568 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:228 Resp: 138747

Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.4	23.0#
226	32.1	21.4	32.0#



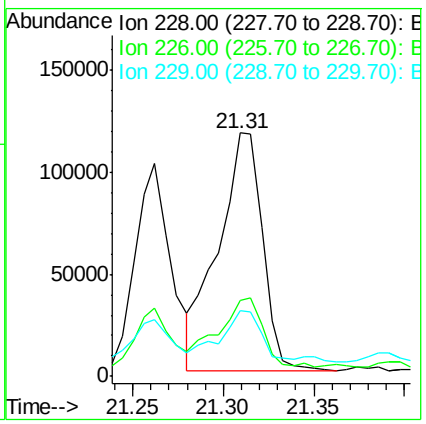


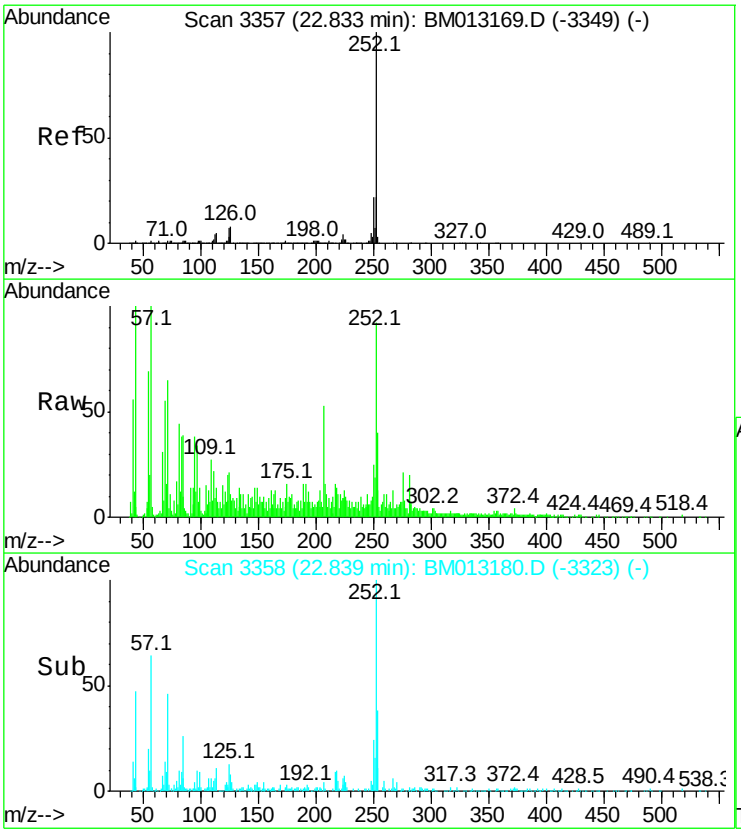
#82
Chrysene
Concen: 3.966 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.00 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion:228 Resp: 198831

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	26.9	15.5	23.3#

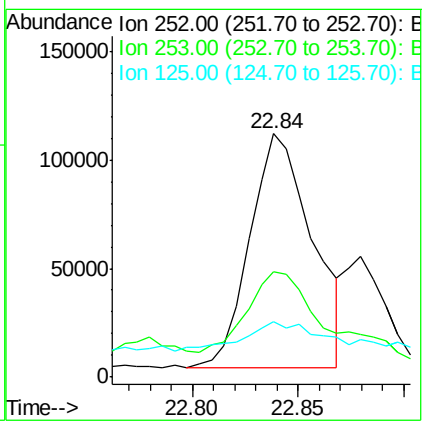


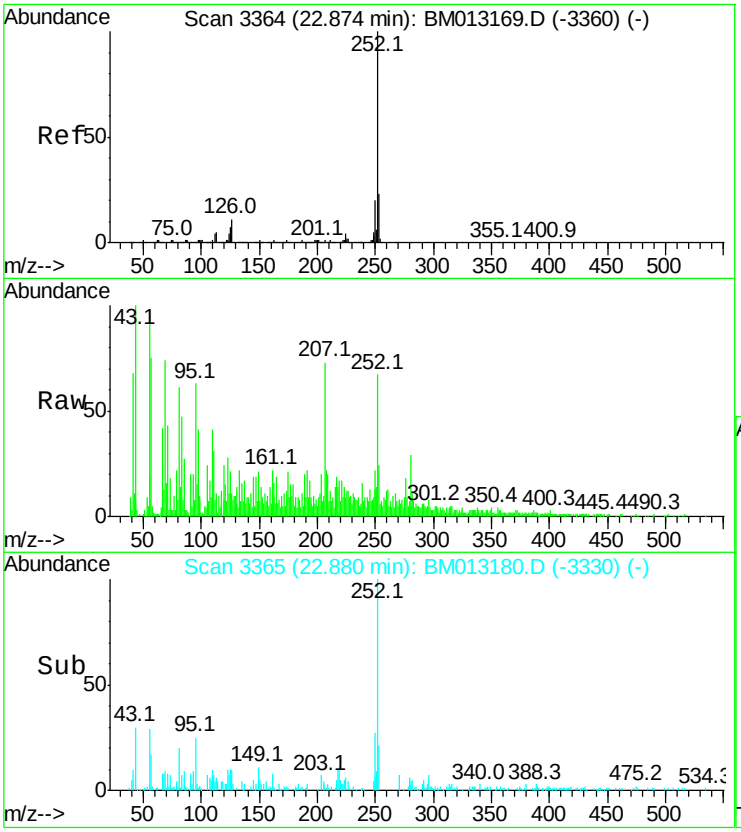


#85
Benzo(b)fluoranthene
Concen: 3.924 ng/ul
RT: 22.84 min Scan# 3358
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:252 Resp: 220712

Ion	Ratio	Lower	Upper
252	100		
253	43.4	17.9	26.9#
125	22.8	3.6	5.4#



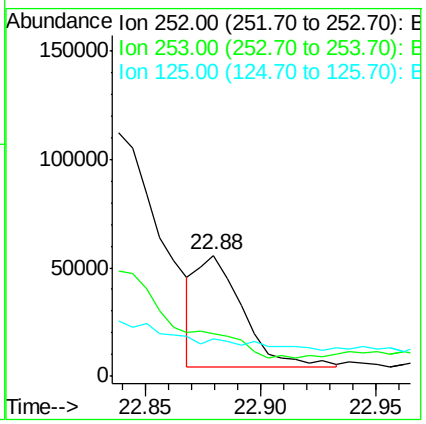


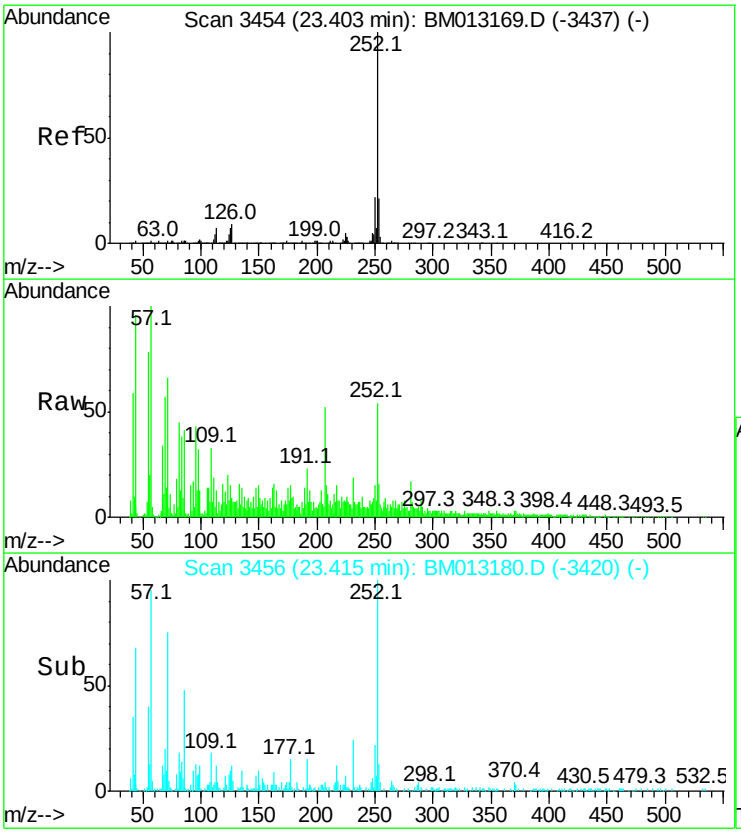
#86
Benzo(k)fluoranthene
Concen: 1.330 ng/ul
RT: 22.88 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion:252 Resp: 70405

Ion	Ratio	Lower	Upper
252	100		
253	35.3	17.1	25.7#
125	30.9	3.4	5.2#

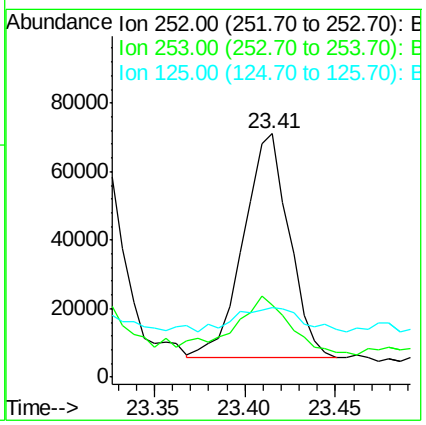


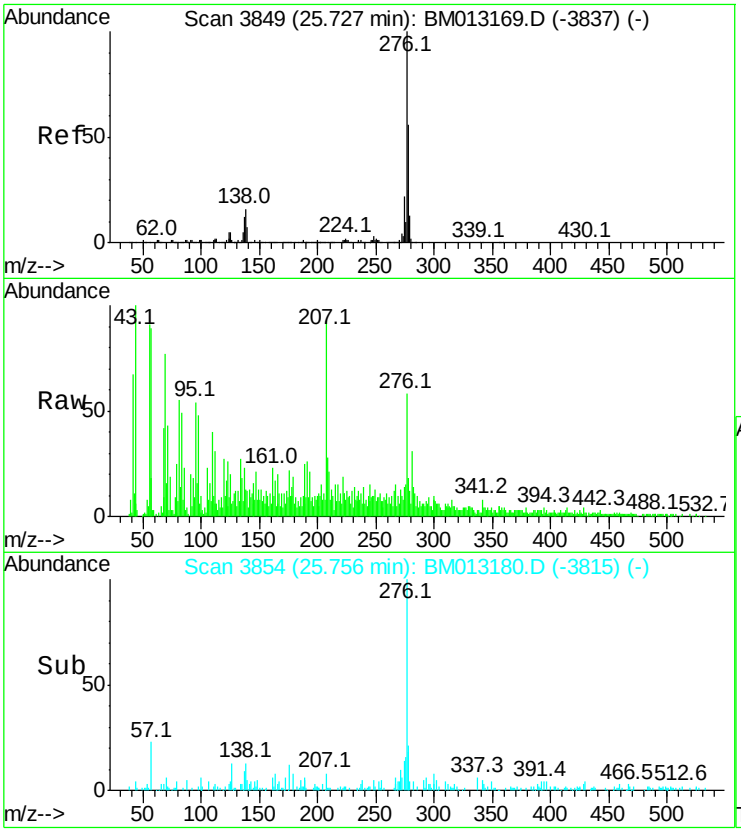


#88
Benzo(a)pyrene
Concen: 2.274 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:252 Resp: 114882

Ion	Ratio	Lower	Upper
252	100		
253	29.7	18.2	27.2#
125	28.4	4.0	6.0#



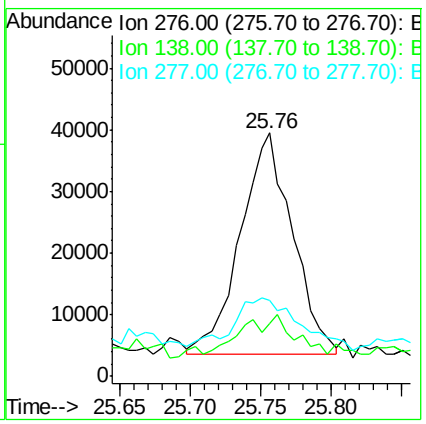


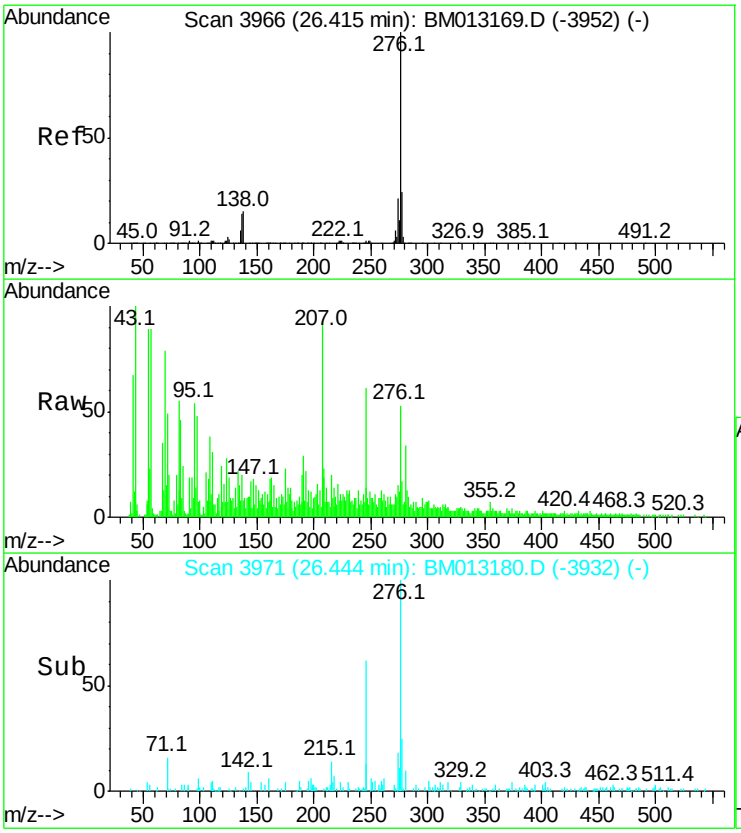
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.859 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. 0.03 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Instrument :
BNA_M
ClientSampleId :
C0274

Tgt Ion:276 Resp: 93201

Ion	Ratio	Lower	Upper
276	100		
138	21.9	9.3	13.9#
277	31.4	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 2.532 ng/ul
RT: 26.44 min Scan# 3971
Delta R.T. 0.03 min
Lab File: BM013180.D
Acq: 04 Dec 2017 23:08

Tgt Ion:276 Resp: 100115

Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.5	12.7#
277	32.2	18.6	28.0#