Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102017\
Data File : BM012335.D
Acq On : 21 Oct 2017 00:36
Operator : SJ/JU
Sample : I5656-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B0CC0

Quant Time: Oct 23 02:43:57 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 23 02:34:17 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	338906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1455193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	821064	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1580197	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1261419	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	1383392	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	29193	4.09	ng/uL	0.00
5) Phenol-d5	6.94	99	663623	24.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	415611	25.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	593011	25.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	600821	25.38	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	282031	25.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	342554	26.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	656840	26.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	569552	24.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	2124145	29.27	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	2523227	28.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	168933	15.48	ng/ul	0.01
57) Fluorene-d10	15.42	176	1700298	28.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	245389	22.63	ng/ul	0.00
70) Anthracene-d10	17.27	188	2225742	28.49	ng/ul	0.00
76) Pyrene-d10	19.57	212	2064713	32.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1993320	29.89	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.97	94	118005	4.151	ng/ul#	89
44) Dimethylphthalate	13.88	163	793360	10.912	ng/ul	99
69) Phenanthrene	17.22	178	133743	1.488	ng/ul	97
71) Anthracene	17.22	178	133743	1.437	ng/ul	97
74) Fluoranthene	19.24	202	153615	1.416	ng/ul#	94
77) Pyrene	19.60	202	254060	3.050	ng/ul#	96
80) Benzo(a)anthracene	21.35	228	95897	1.168	ng/ul#	90
82) Chrysene	21.39	228	121235	1.573	ng/ul#	93
85) Benzo(b)fluoranthene	22.96	252	102139	1.131	ng/ul#	73
86) Benzo(k)fluoranthene	22.96	252	102139	1.174	ng/ul#	73
88) Benzo(a)pyrene	23.55	252	94228	1.107	ng/ul#	79
91) Benzo(g,h,i)perylene	26.72	276	157640	2.130	ng/ul#	91

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

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Instrument : BNA_M
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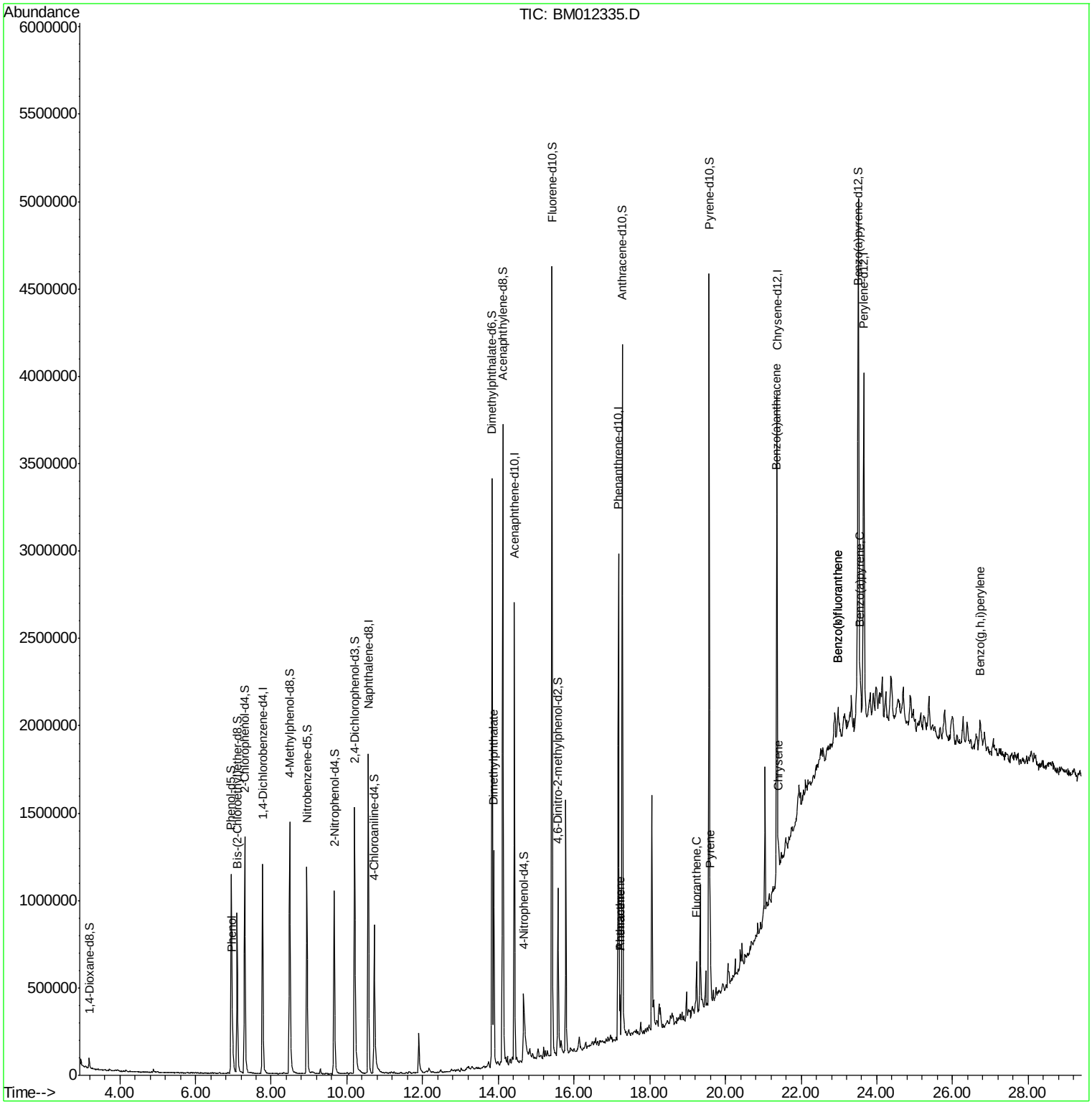
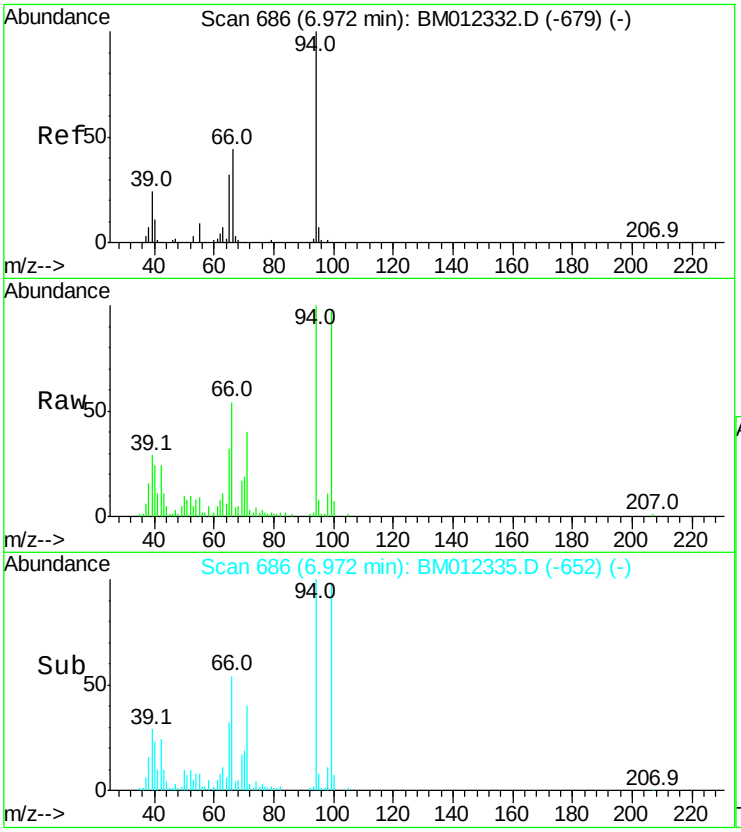


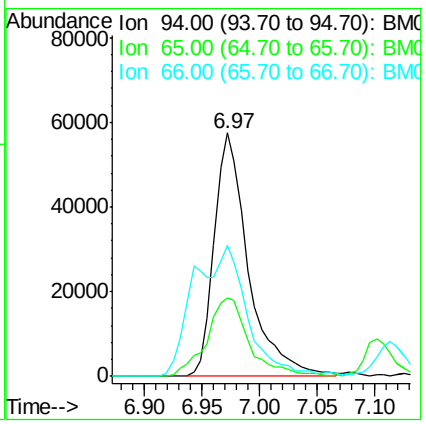


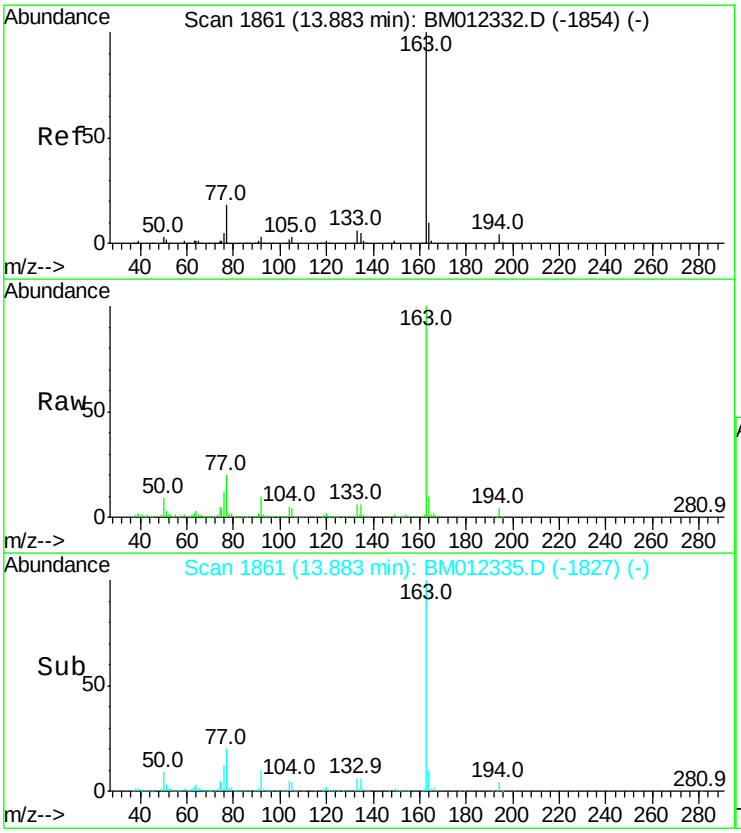
#6
Phenol
Concen: 4.151 ng/ul
RT: 6.97 min Scan# 686
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion: 94 Resp: 118005

Ion	Ratio	Lower	Upper
94	100		
65	32.4	24.4	36.6
66	54.0	35.0	52.4#

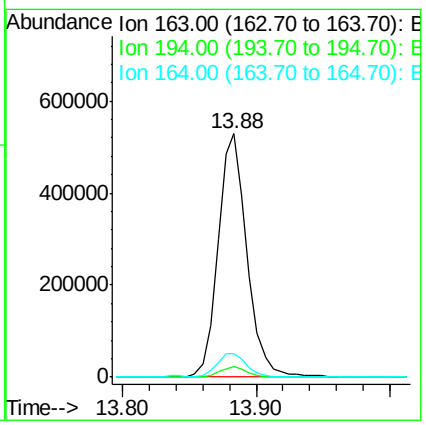


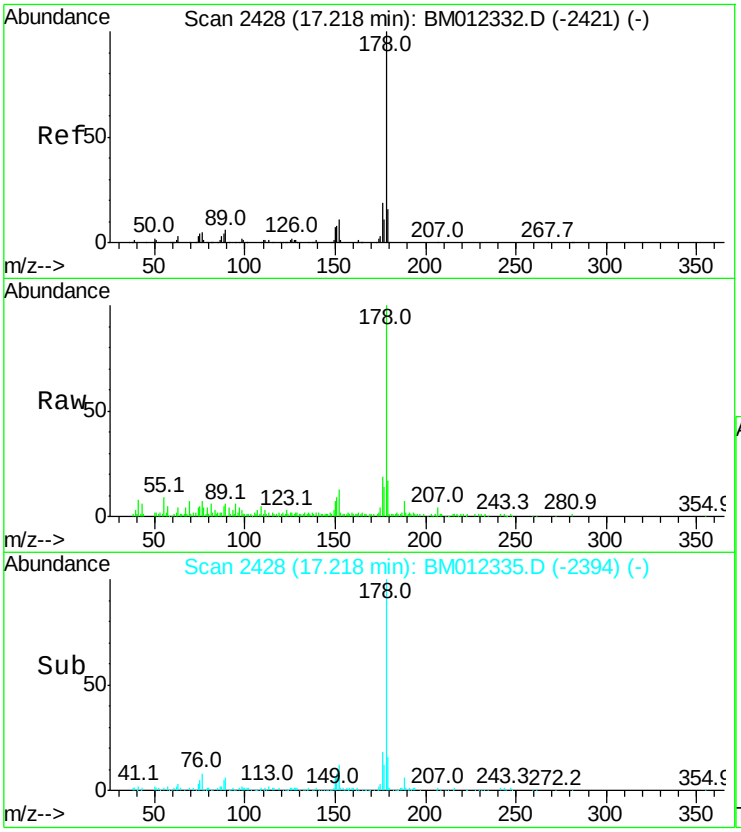


#44
Dimethylphthalate
Concen: 10.912 ng/ul
RT: 13.88 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:163 Resp: 793360

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.7	5.5
164	9.8	8.1	12.1



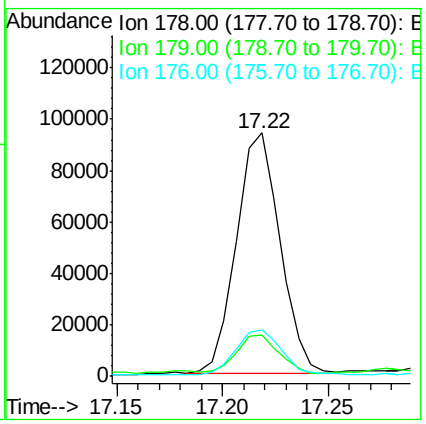


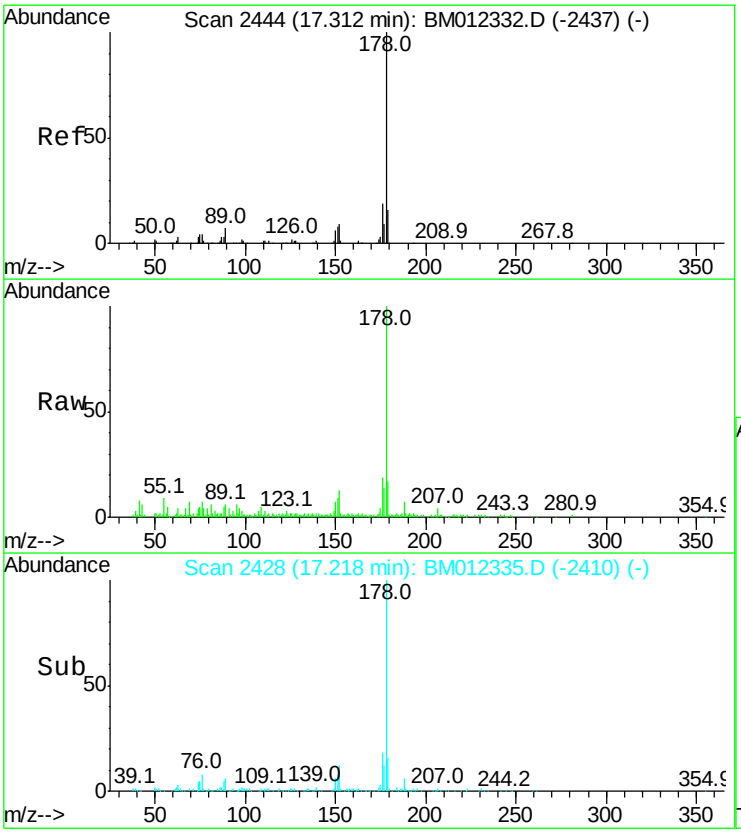
#69
Phenanthrene
Concen: 1.488 ng/ul
RT: 17.22 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion:178 Resp: 133743

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.0	18.0
176	19.2	15.0	22.6

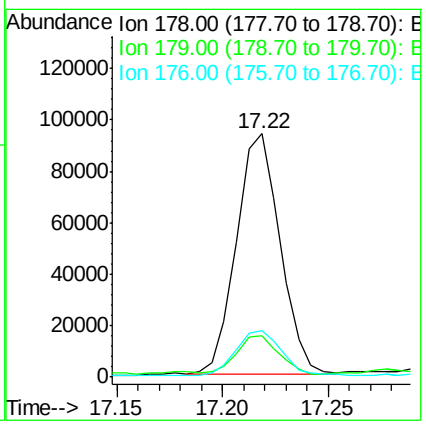


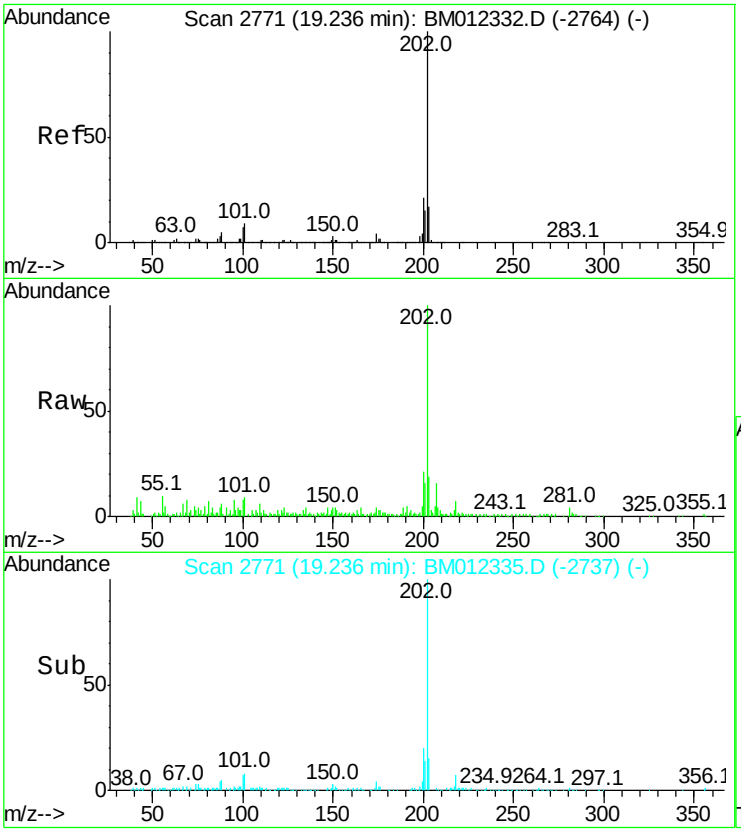


#71
Anthracene
Concen: 1.437 ng/ul
RT: 17.22 min Scan# 2428
Delta R.T. -0.09 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:178 Resp: 133743

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.2	18.4
176	19.2	14.7	22.1



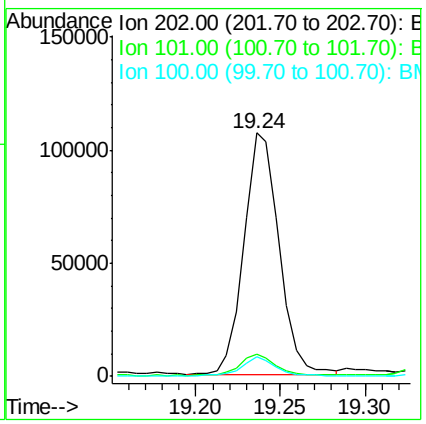


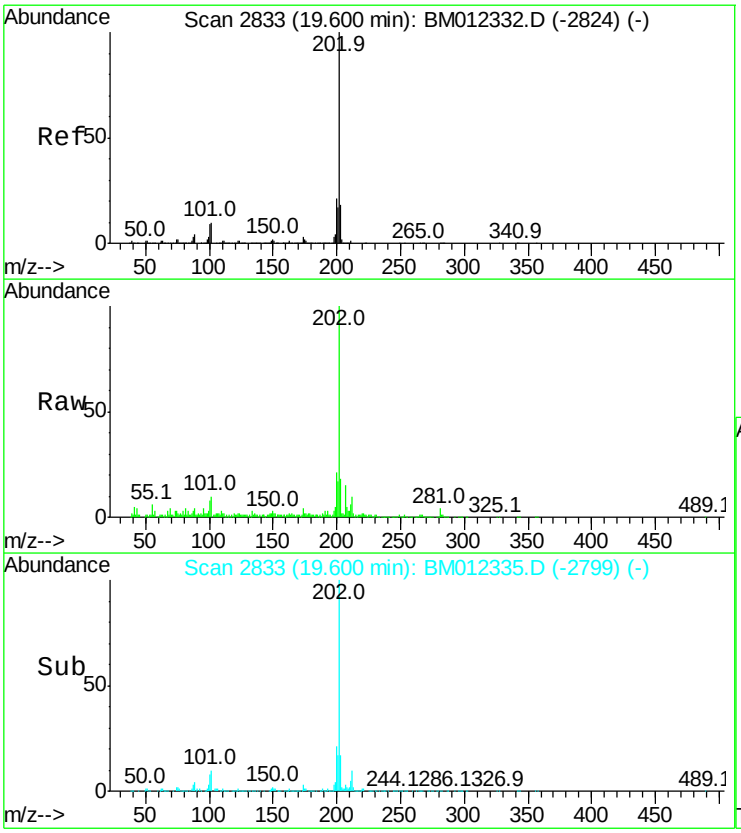
#74
Fluoranthene
Concen: 1.416 ng/ul
RT: 19.24 min Scan# 2771
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion:202 Resp: 153615

Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.8	8.6#
100	7.8	4.3	6.5#

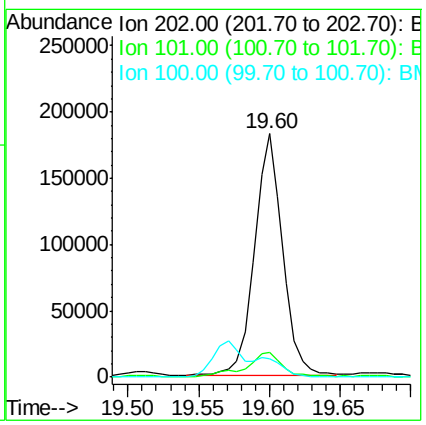


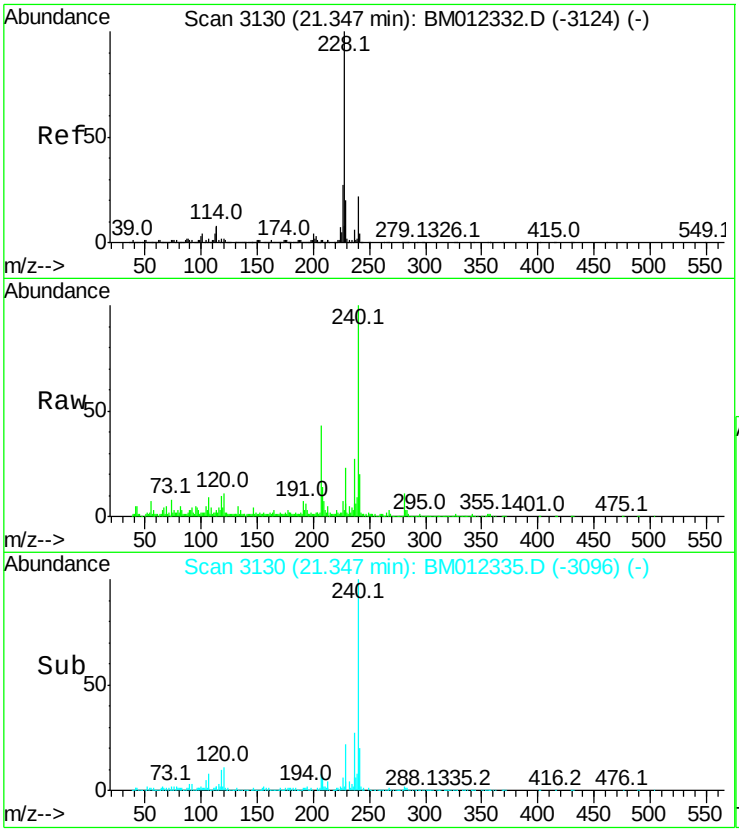


#77
Pyrene
Concen: 3.050 ng/ul
RT: 19.60 min Scan# 2833
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:202 Resp: 254060

Ion	Ratio	Lower	Upper
202	100		
101	10.1	6.5	9.7#
100	7.7	5.6	8.4



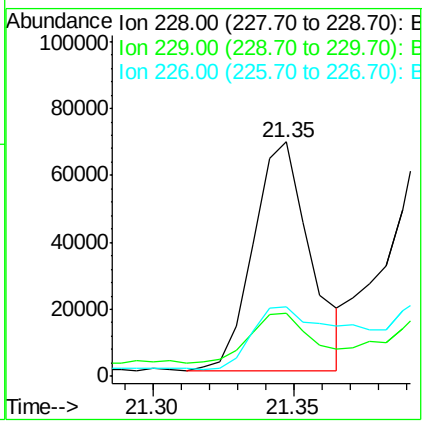


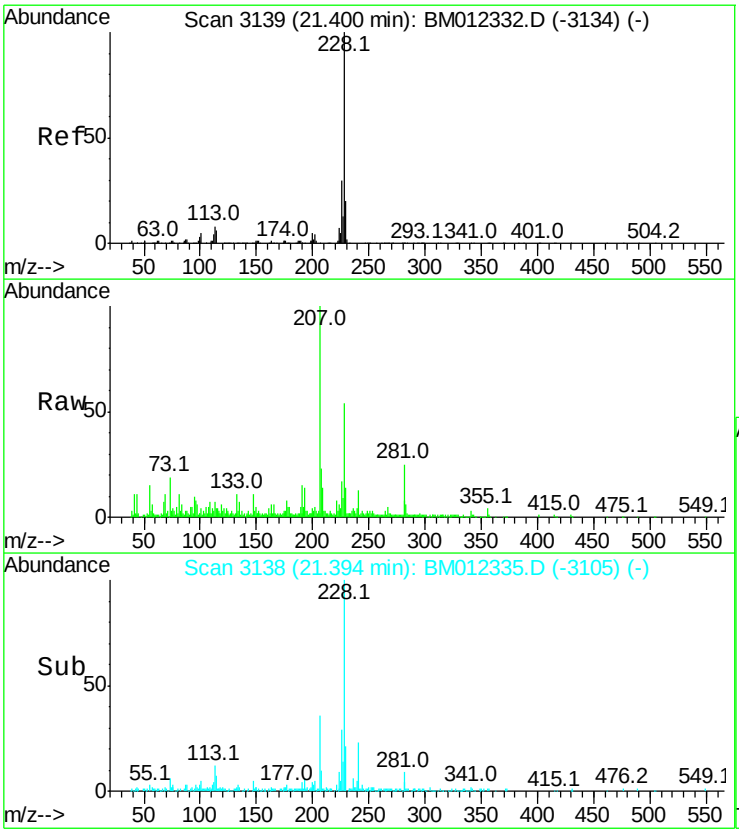
#80
Benzo(a)anthracene
Concen: 1.168 ng/ul
RT: 21.35 min Scan# 3130
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion:228 Resp: 95897

Ion	Ratio	Lower	Upper
228	100		
229	27.2	15.8	23.8#
226	29.6	21.4	32.2

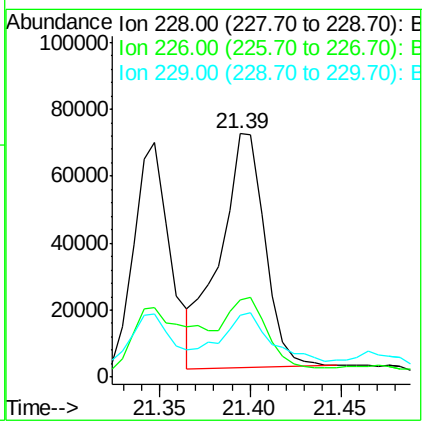


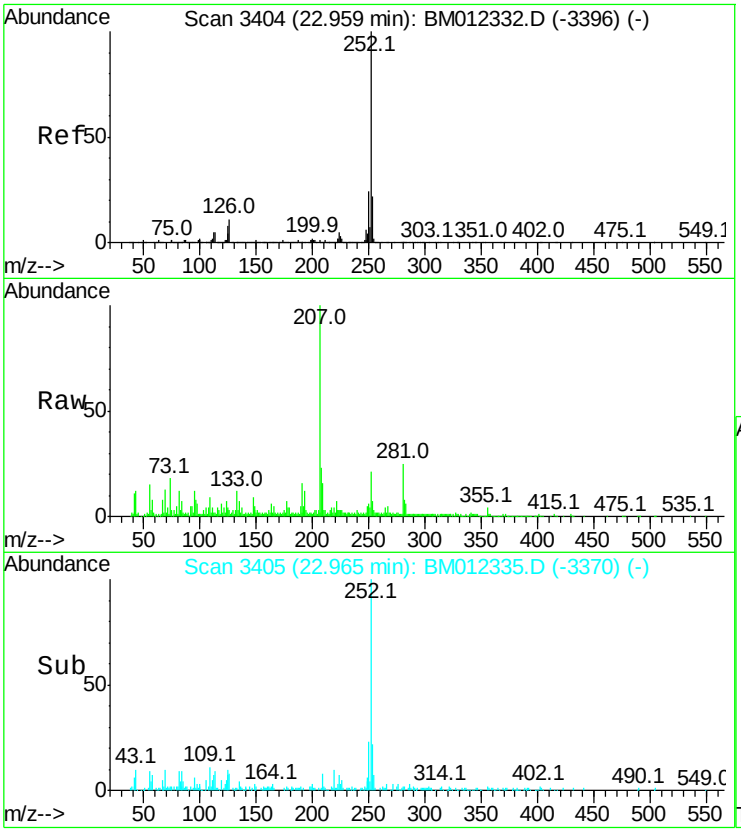


#82
Chrysene
Concen: 1.573 ng/ul
RT: 21.39 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:228 Resp: 121235

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.0	36.0
229	25.4	15.5	23.3#



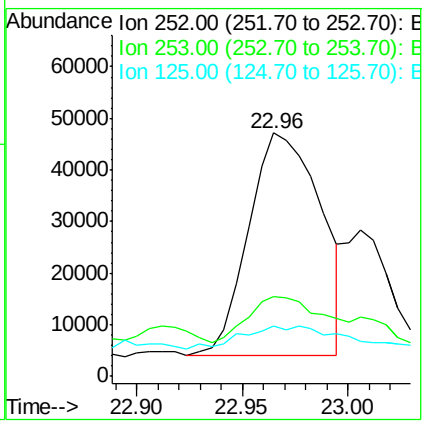


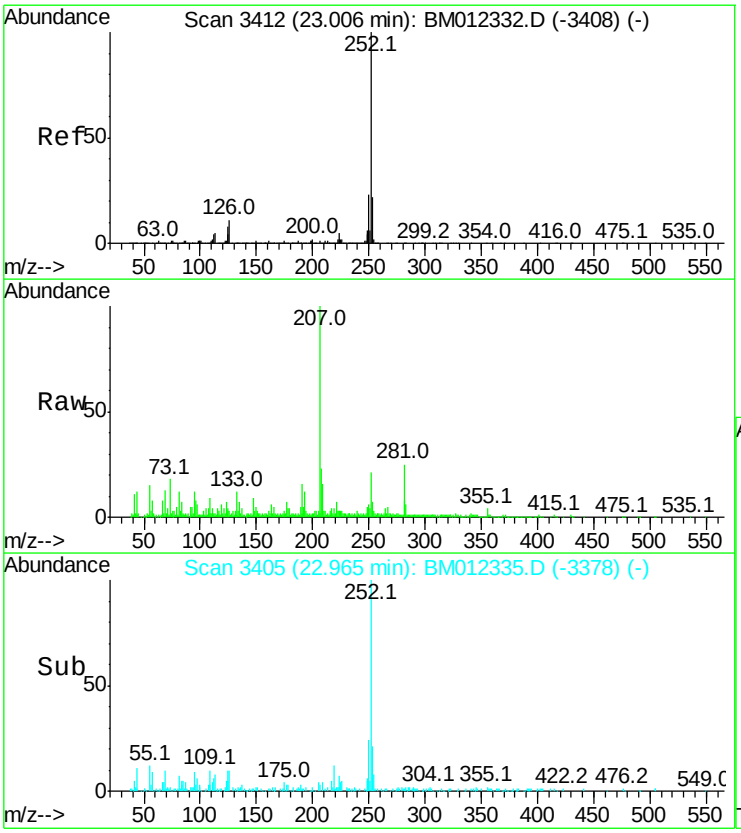
#85
Benzo(b)fluoranthene
Concen: 1.131 ng/ul
RT: 22.96 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion:252 Resp: 102139

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.4	26.2#
125	20.4	5.1	7.7#

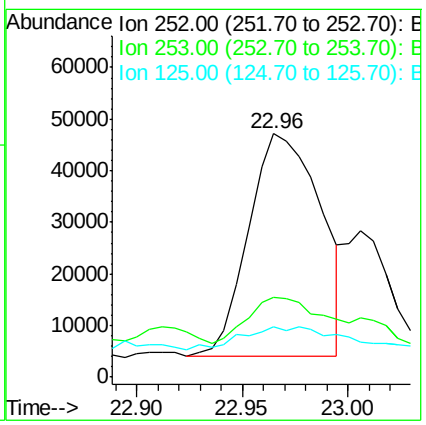


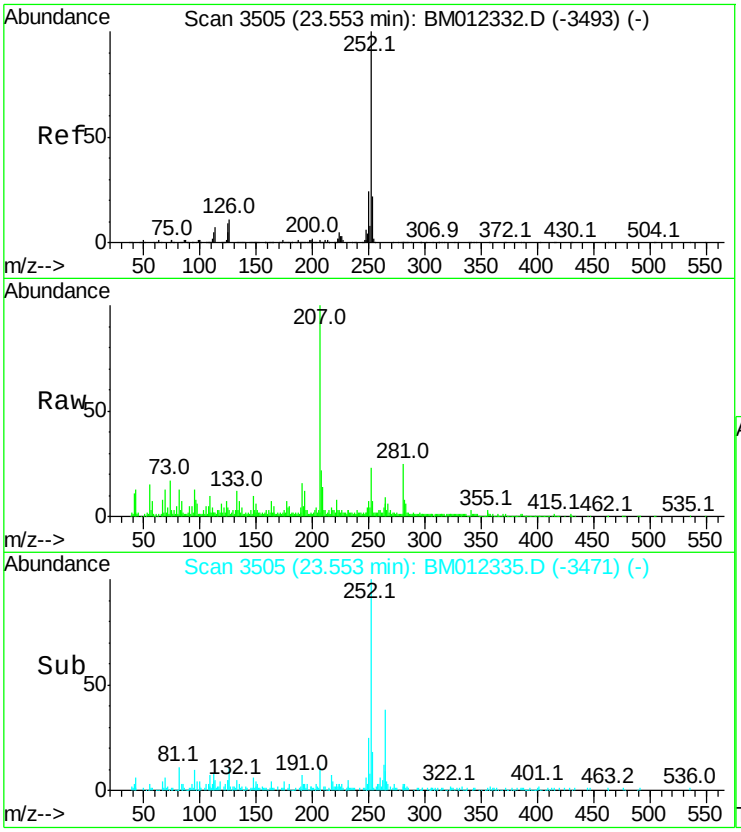


#86
Benzo(k)fluoranthene
Concen: 1.174 ng/ul
RT: 22.96 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:252 Resp: 102139

Ion	Ratio	Lower	Upper
252	100		
253	32.9	17.8	26.6#
125	20.4	4.9	7.3#



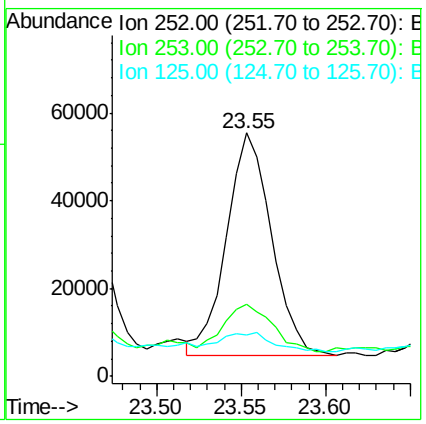


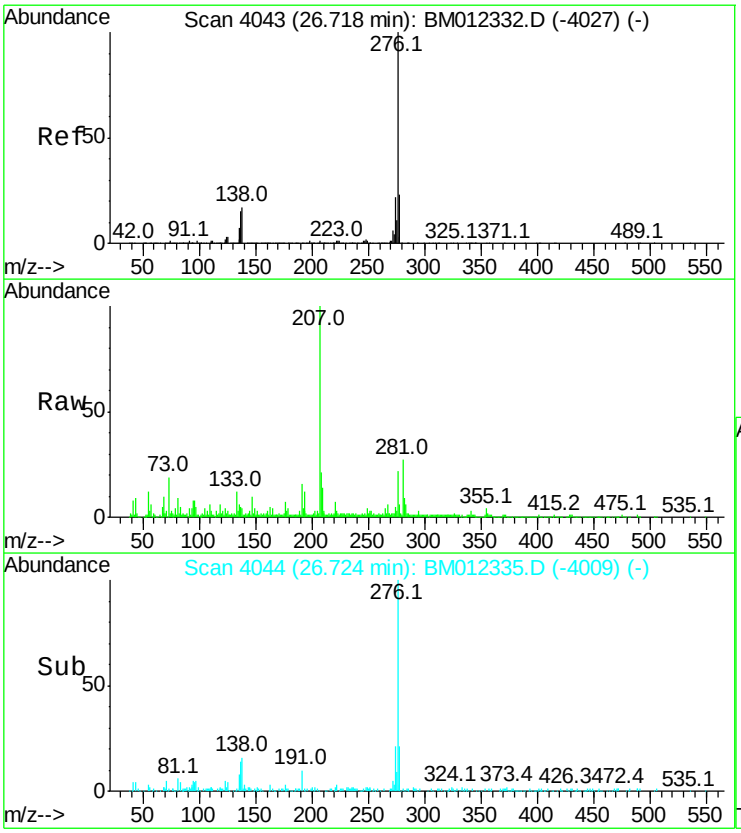
#88
Benzo(a)pyrene
Concen: 1.107 ng/ul
RT: 23.55 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Instrument :
BNA_M
ClientSampleId :
B0CC0

Tgt Ion:252 Resp: 94228

Ion	Ratio	Lower	Upper
252	100		
253	29.8	17.1	25.7#
125	16.8	5.2	7.8#





#91
Benzo(g,h,i)perylene
Concen: 2.130 ng/ul
RT: 26.72 min Scan# 4044
Delta R.T. 0.01 min
Lab File: BM012335.D
Acq: 21 Oct 2017 00:36

Tgt Ion:276 Resp: 157640

Ion	Ratio	Lower	Upper
276	100		
138	19.4	10.7	16.1#
277	26.7	19.0	28.4