Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007398.D
Acq On : 03 Sep 2016 09:34
Operator : UM/SJ
Sample : H4639-21
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD397

Quant Time: Sep 05 01:45:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	195789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	893282	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	598227	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1509844	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	1974926	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1995242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	10728	2.80	ng/uL	0.00
5) Phenol-d5	6.96	99	263025	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	157702	16.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	210072	15.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	212803	13.19	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	116911	17.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	134091	17.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	243405	15.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	46779	2.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	917846	17.78	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1106660	18.50	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	66722	6.85	ng/ul	0.00
57) Fluorene-d10	15.42	176	830190	18.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	130916	13.79	ng/ul	0.00
70) Anthracene-d10	17.27	188	1359845	19.28	ng/ul	0.00
76) Pyrene-d10	19.56	212	1798732	21.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	1749695	19.04	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.94	77	11880	1.13	ng/ul	84
28) Naphthalene	10.63	128	129701	2.92	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	123030	3.38	ng/ul	98
44) Dimethylphthalate	13.88	163	866954	16.86	ng/ul	100
53) Dibenzofuran	14.82	168	177471	2.96	ng/ul	95
69) Phenanthrene	17.21	178	635111	7.84	ng/ul	99
71) Anthracene	17.30	178	119493	1.43	ng/ul	97
74) Fluoranthene	19.23	202	958674	9.42	ng/ul	99
77) Pyrene	19.59	202	540097	5.10	ng/ul	98
78) Butylbenzylphthalate	20.49	149	123179	2.79	ng/ul	93
80) Benzo(a)anthracene	21.37	228	483714	4.15	ng/ul	92
82) Chrysene	21.37	228	483714	4.59	ng/ul	94
85) Benzo(b)fluoranthene	22.94	252	1372168	11.63	ng/ul	99
86) Benzo(k)fluoranthene	22.94	252	1372168	12.58	ng/ul	100
88) Benzo(a)pyrene	23.52	252	171017	1.51	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.90	276	216022	1.56	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	144772	1.23	ng/ul	96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007398.D
Acq On : 03 Sep 2016 09:34
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
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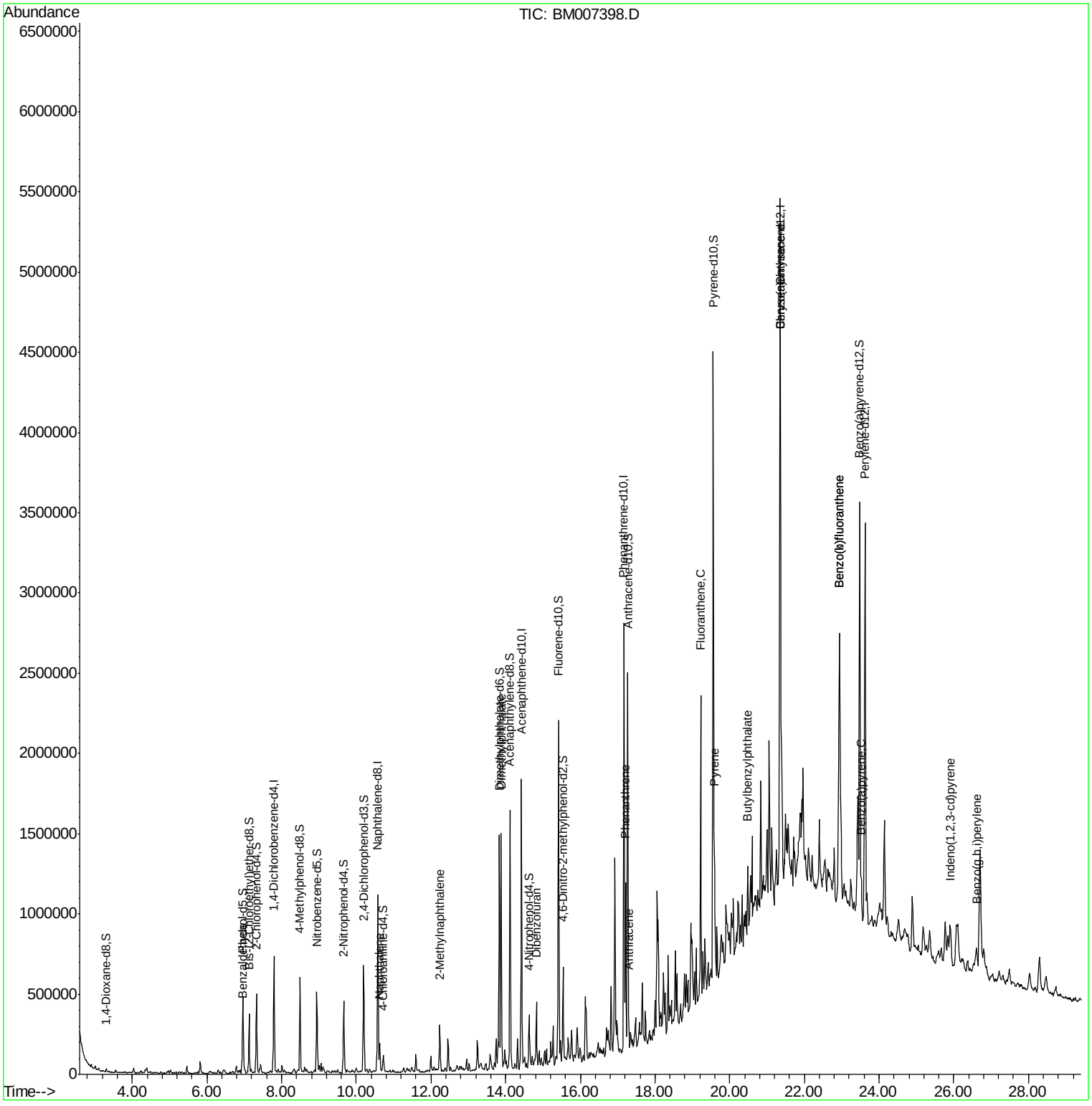
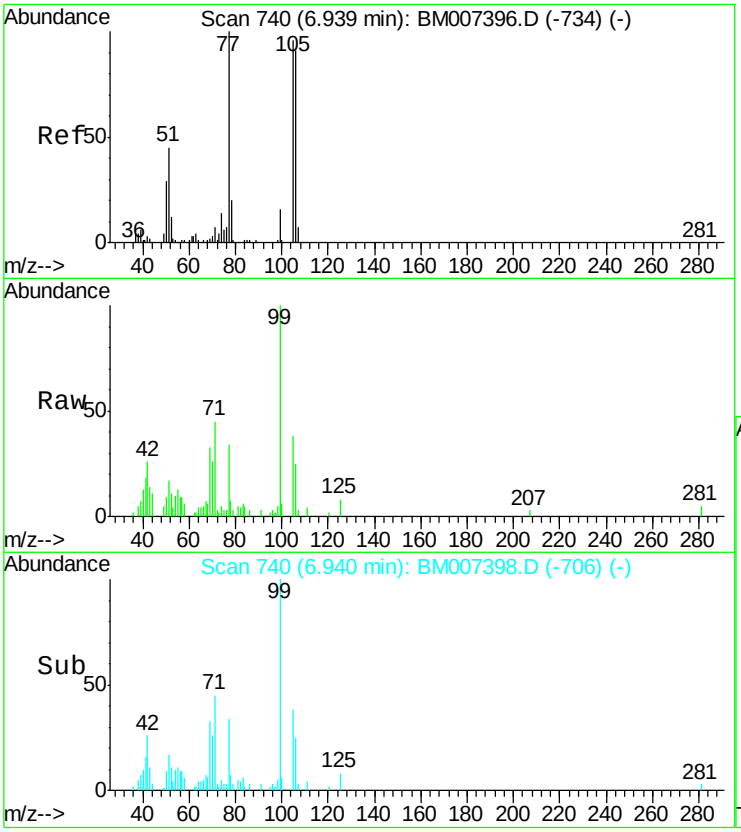
Quant Time: Sep 05 01:45:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration



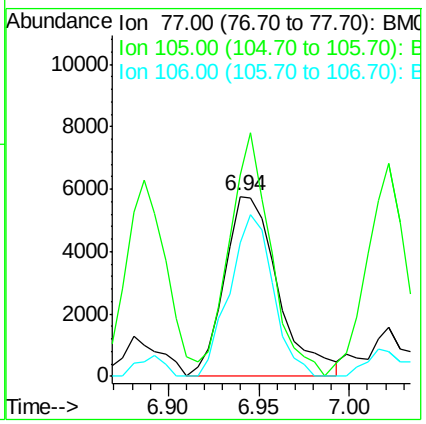


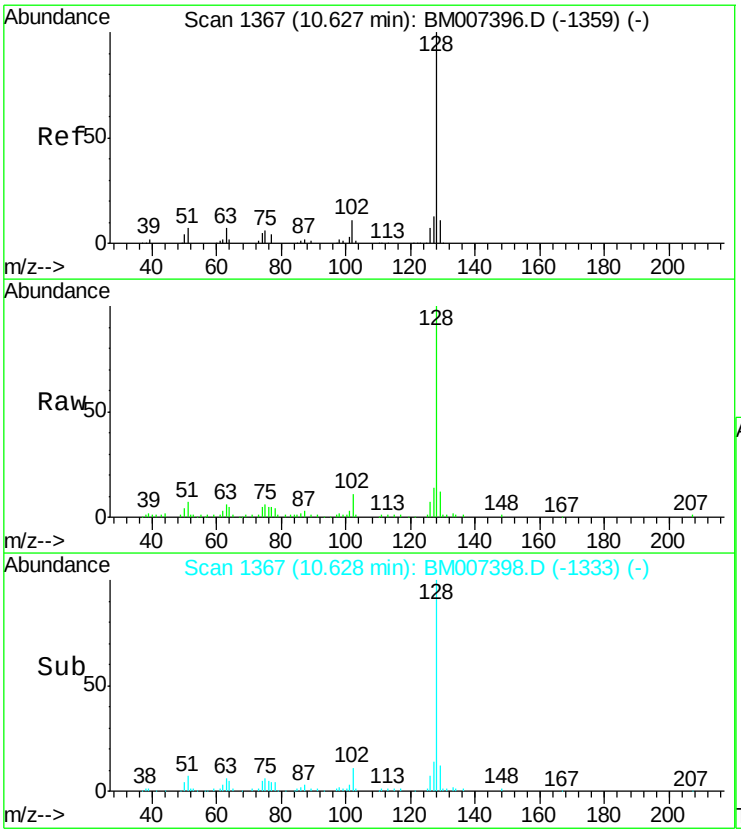
#4
Benzaldehyde
Concen: 1.13 ng/ul
RT: 6.94 min Scan# 740
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion: 77 Resp: 11880

Ion	Ratio	Lower	Upper
77	100		
105	112.0	76.9	115.3
106	74.3	71.8	107.8

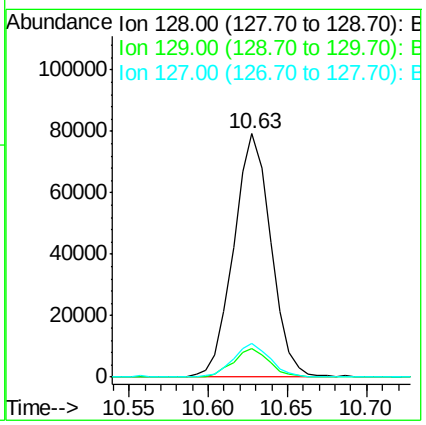


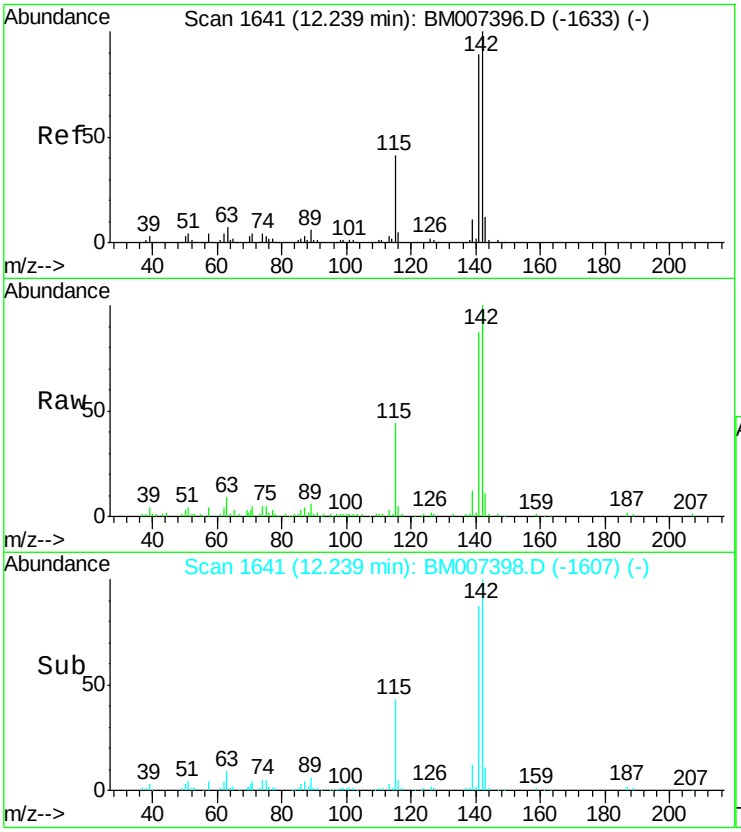


#28
Naphthalene
Concen: 2.92 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:128 Resp: 129701

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	12.8
127	13.6	10.6	15.8



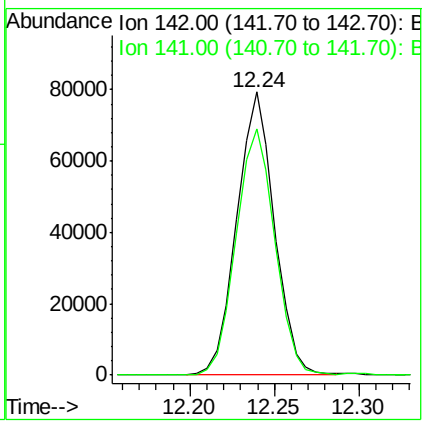


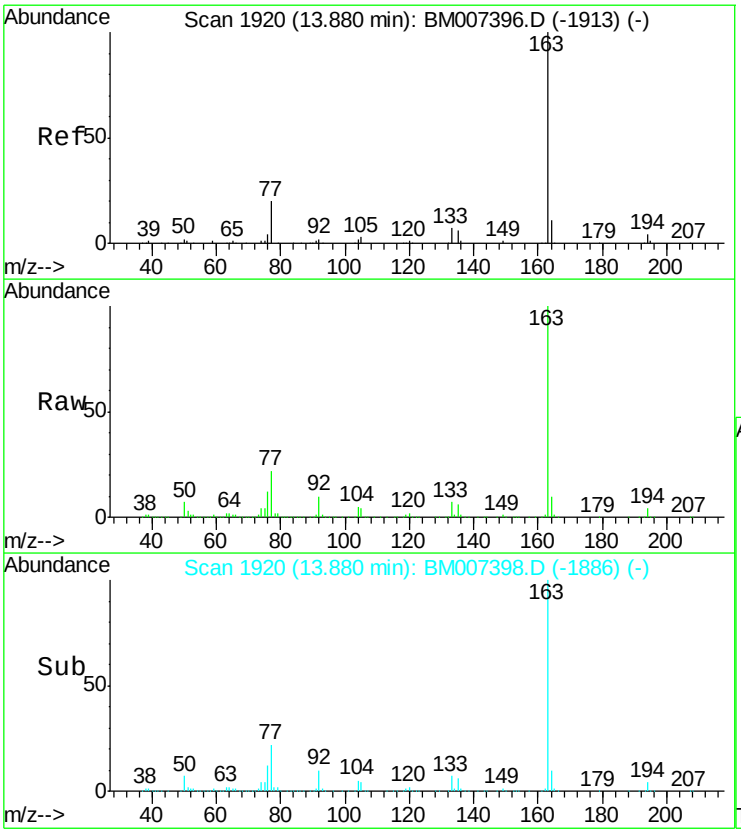
#34
2-Methylnaphthalene
Concen: 3.38 ng/ul
RT: 12.24 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:142 Resp: 123030

Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.3	106.9

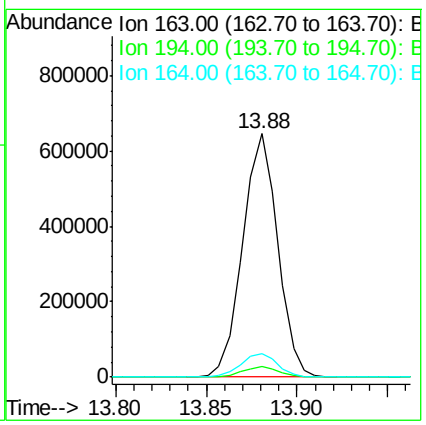


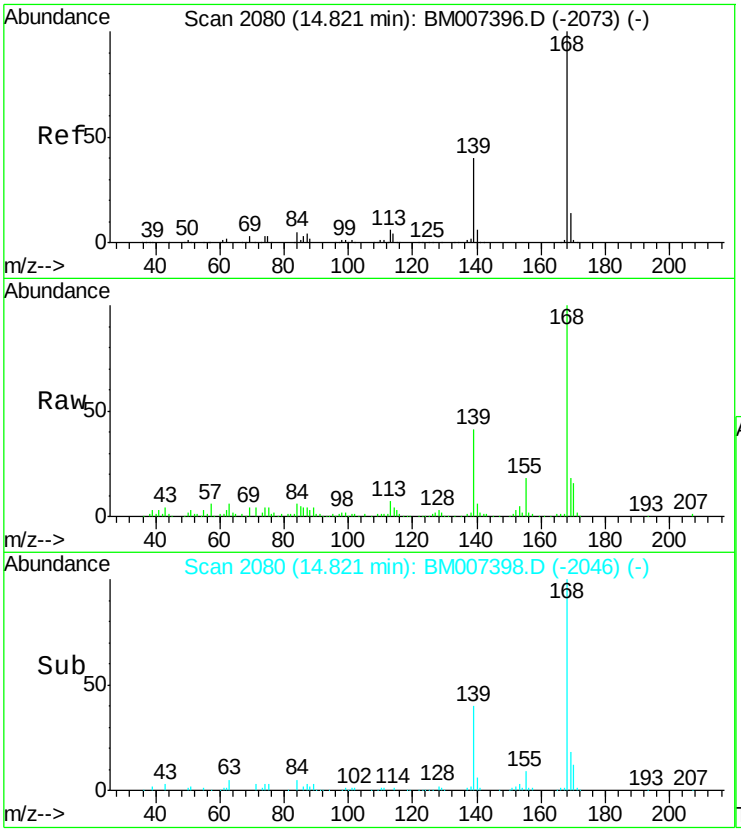


#44
Dimethylphthalate
Concen: 16.86 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:163 Resp: 866954

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.7	7.8	11.8



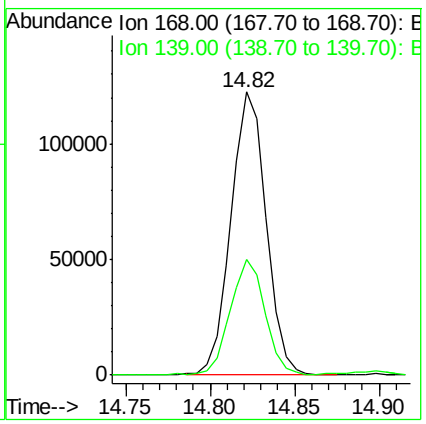


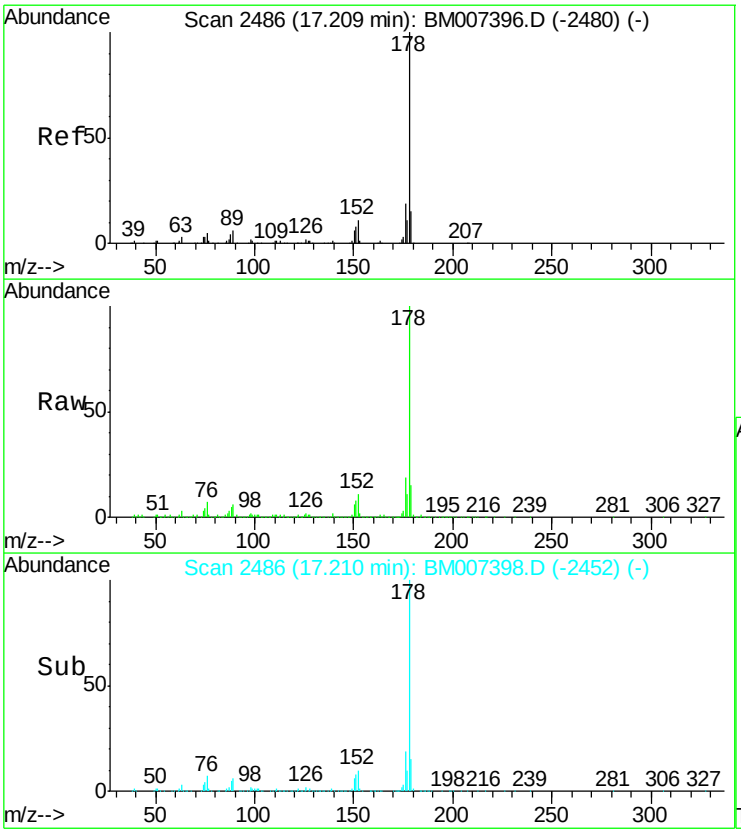
#53
Dibenzofuran
Concen: 2.96 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:168 Resp: 177471

Ion	Ratio	Lower	Upper
168	100		
139	40.8	30.1	45.1

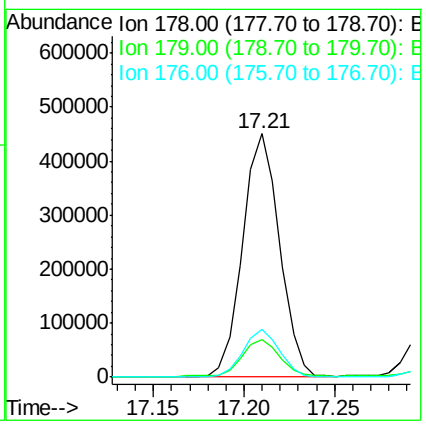


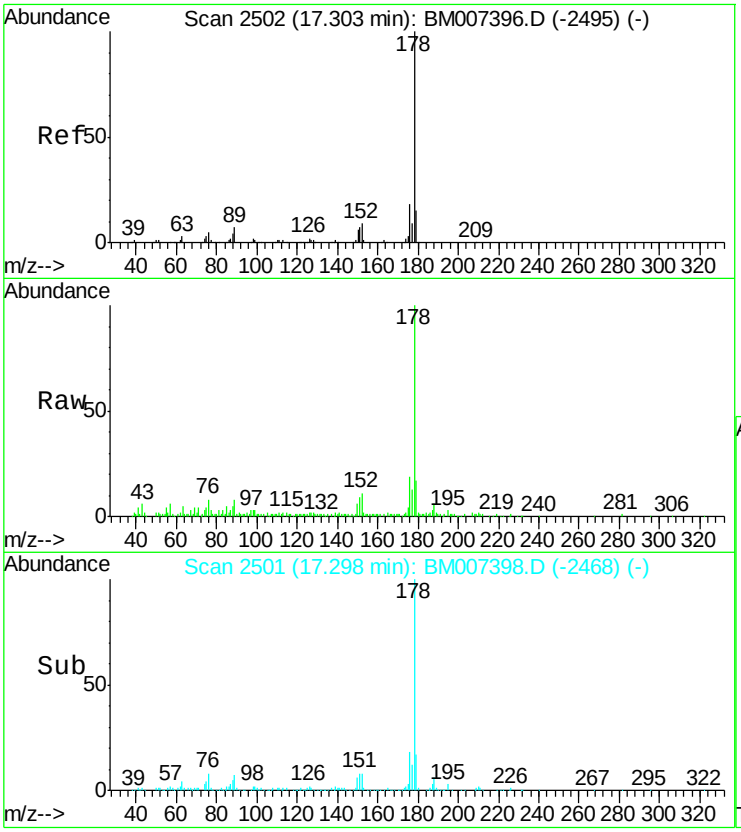


#69
Phenanthrene
Concen: 7.84 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:178 Resp: 635111

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.4	15.1	22.7



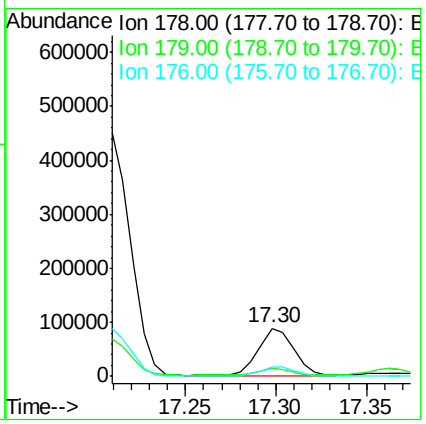


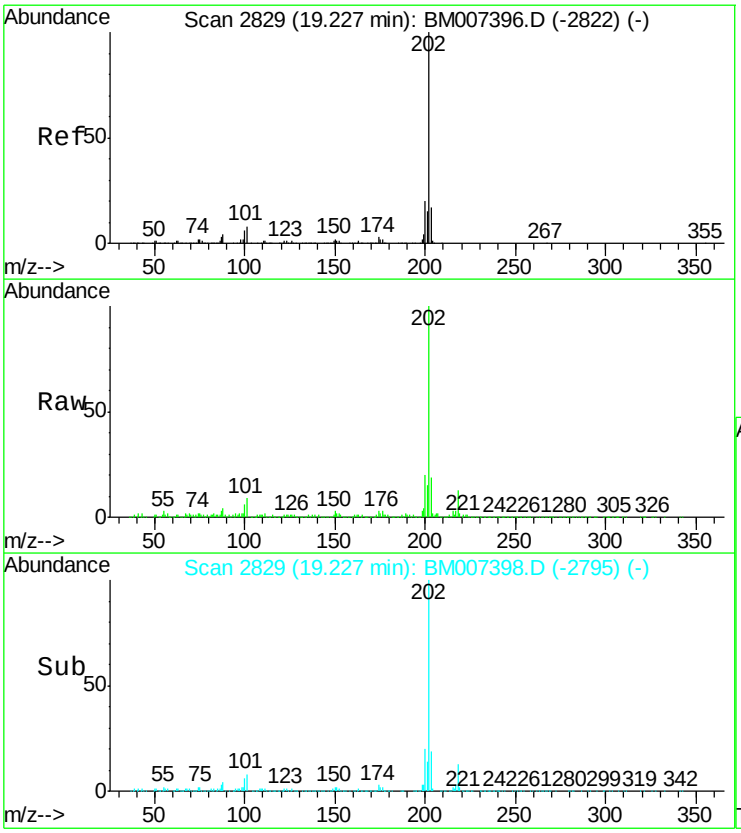
#71
Anthracene
Concen: 1.43 ng/ul
RT: 17.30 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:178 Resp: 119493

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.1	18.1
176	18.5	14.5	21.7

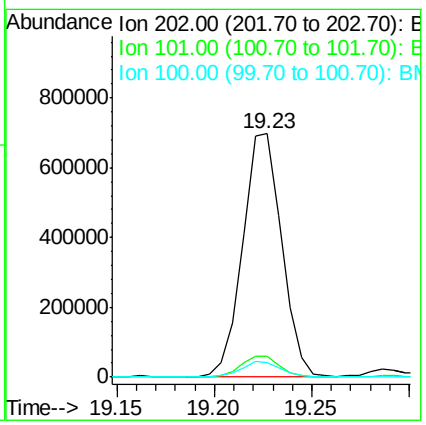


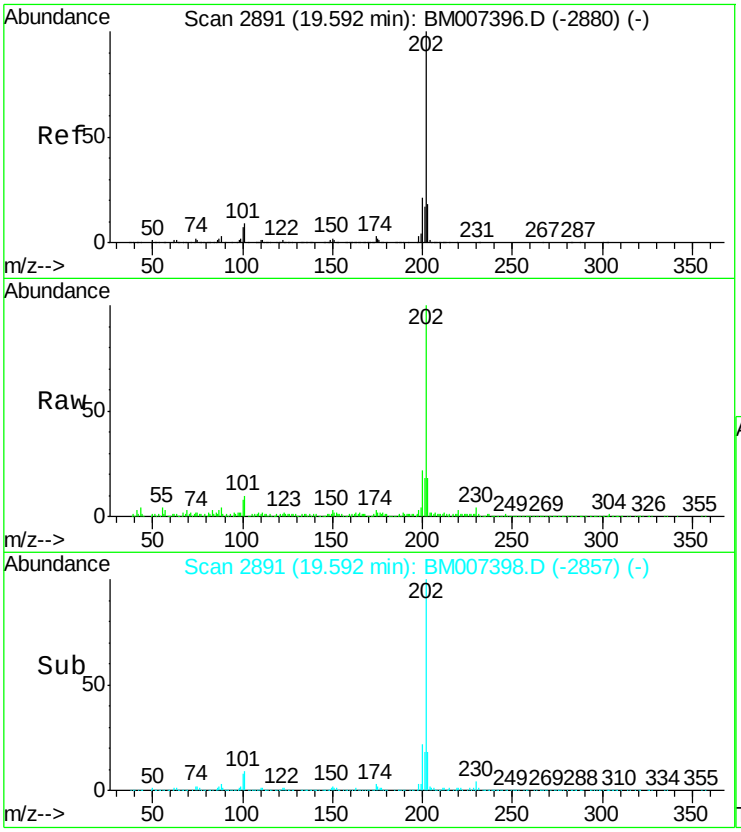


#74
Fluoranthene
Concen: 9.42 ng/ul
RT: 19.23 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:202 Resp: 958674

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.0	5.4	8.0



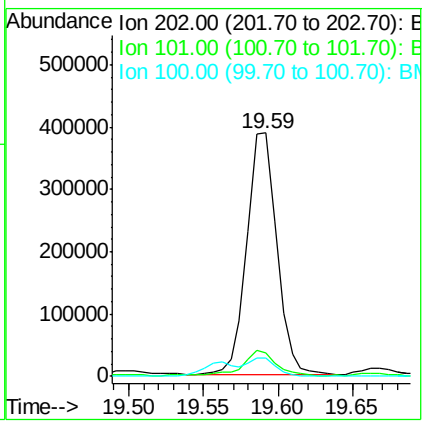


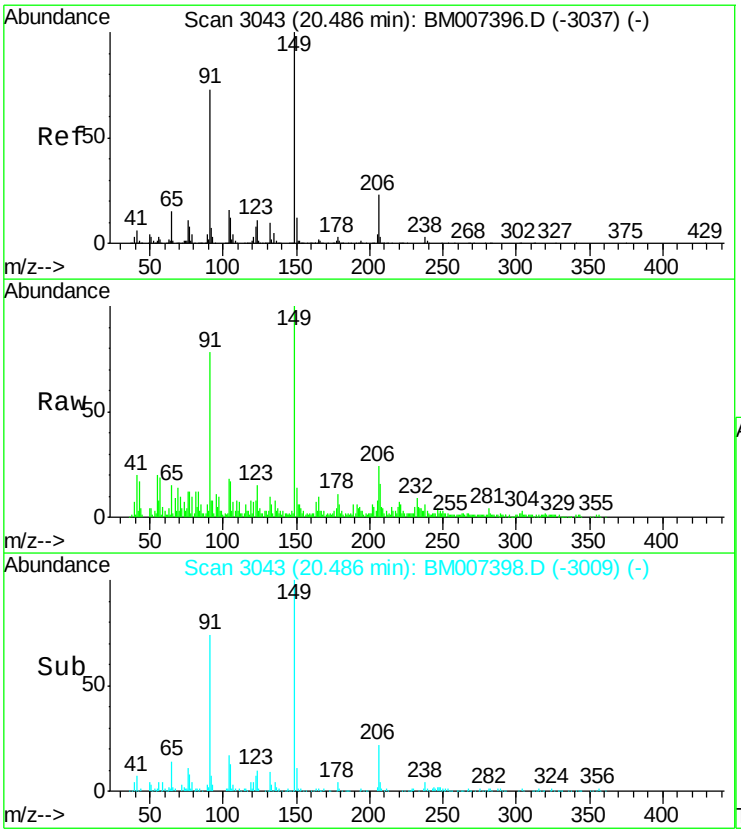
#77
Pyrene
Concen: 5.10 ng/ul
RT: 19.59 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:202 Resp: 540097

Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.4	12.6
100	7.7	6.9	10.3

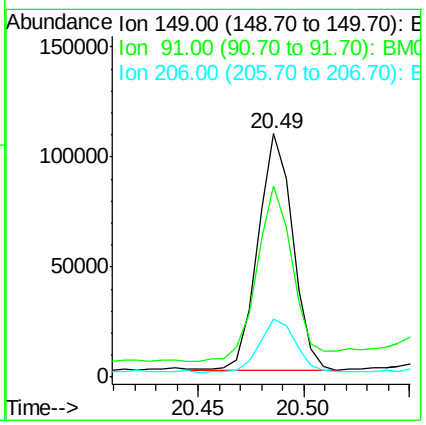


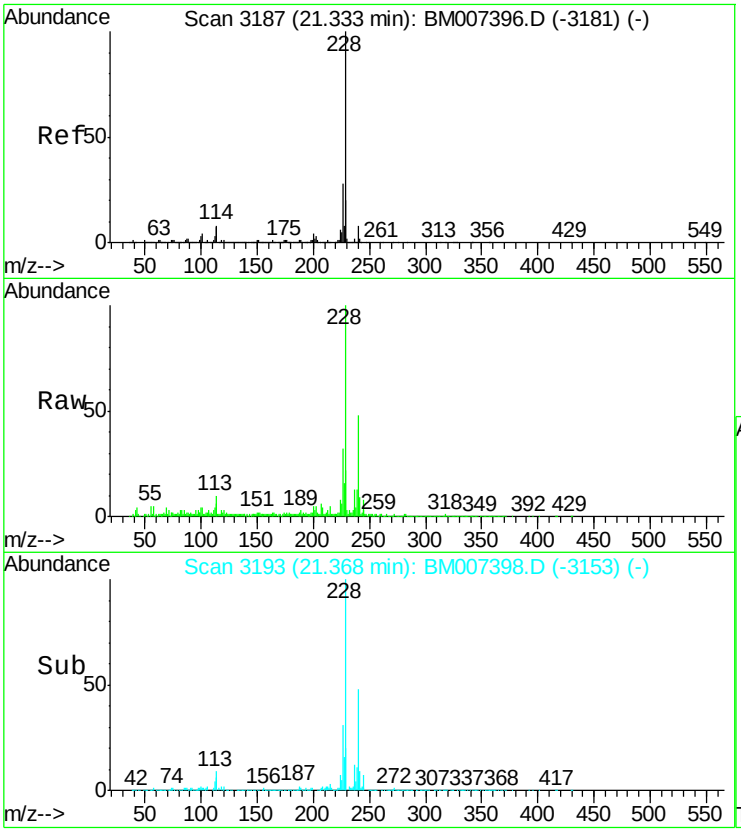


#78
Butylbenzylphthalate
Concen: 2.79 ng/ul
RT: 20.49 min Scan# 3043
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:149 Resp: 123179

Ion	Ratio	Lower	Upper
149	100		
91	78.5	57.3	85.9
206	24.0	18.6	27.8



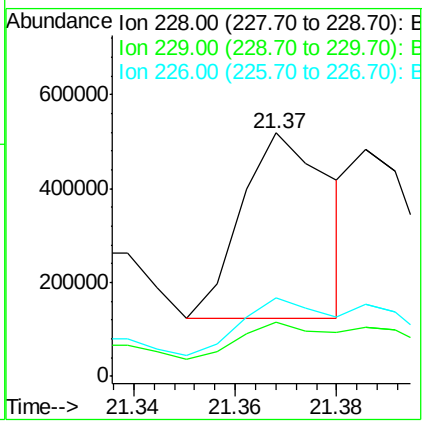


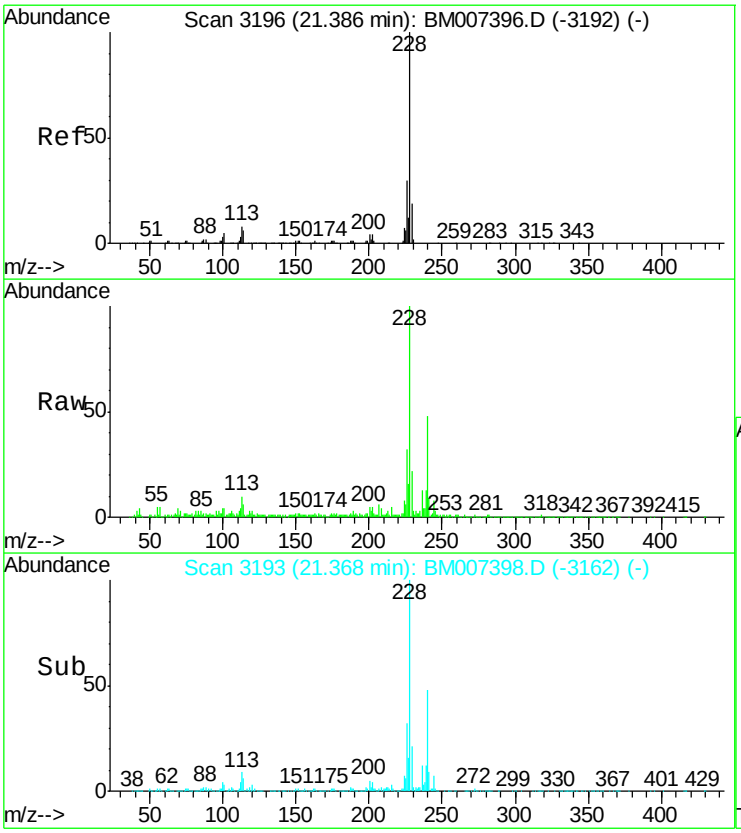
#80
Benzo(a)anthracene
Concen: 4.15 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.04 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:228 Resp: 483714

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	32.3	21.8	32.8

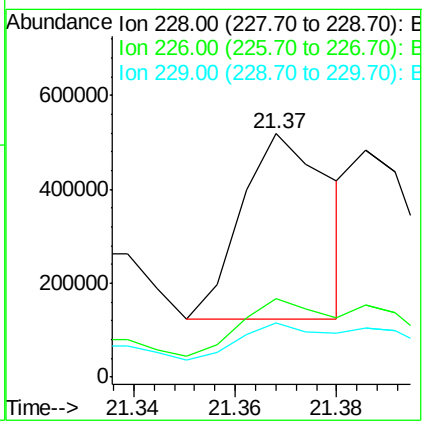


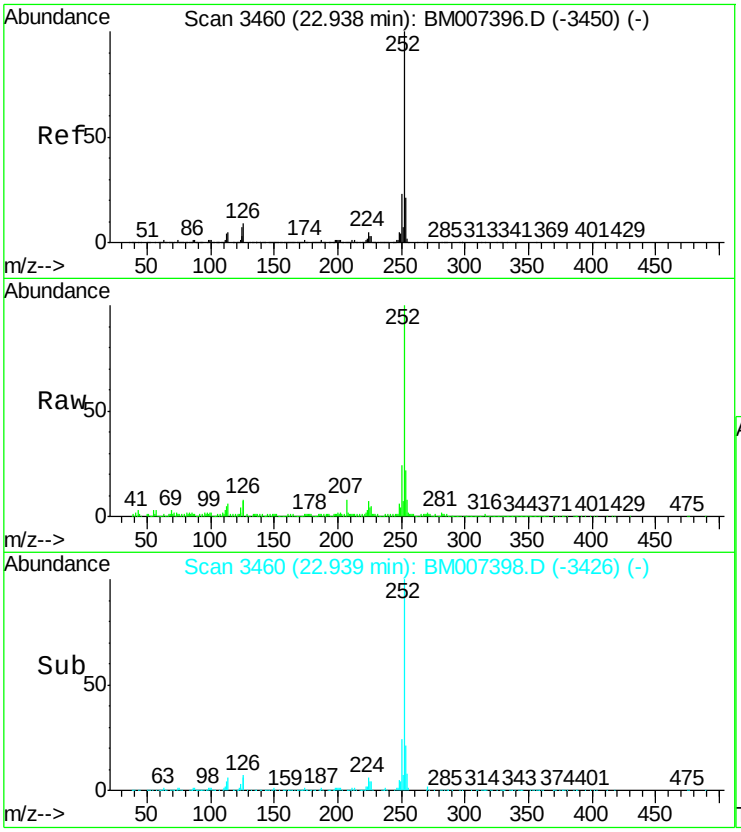


#82
Chrysene
Concen: 4.59 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. -0.02 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:228 Resp: 483714

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	22.1	15.5	23.3



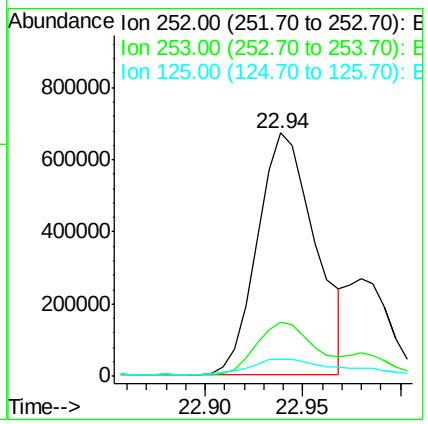


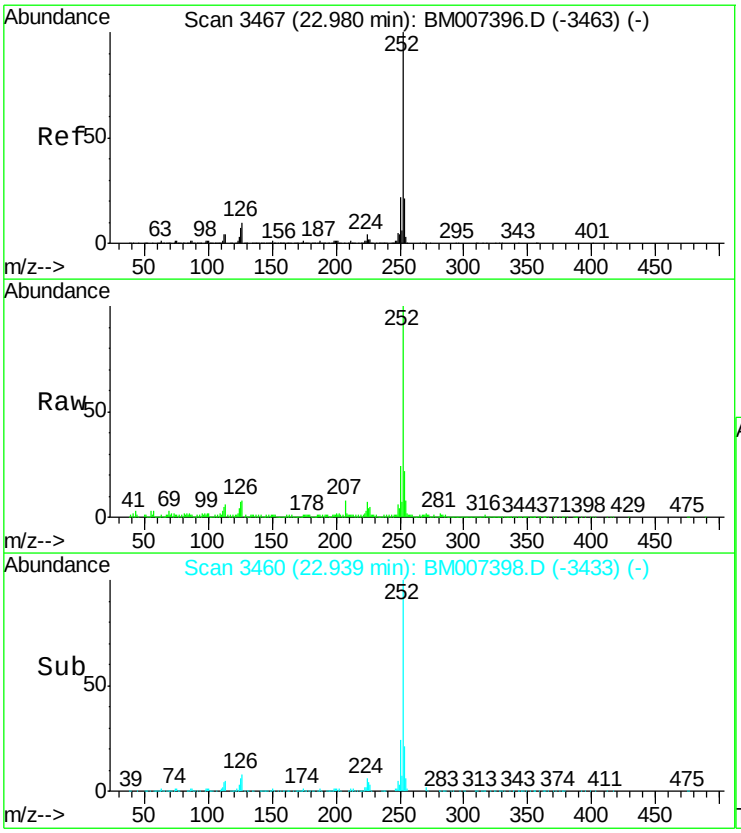
#85
Benzo(b)fluoranthene
Concen: 11.63 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:252 Resp: 1372168

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	7.1	5.8	8.8

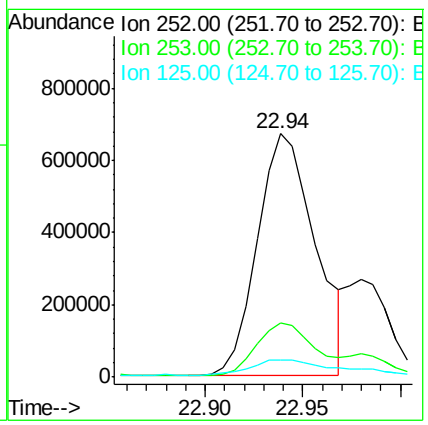


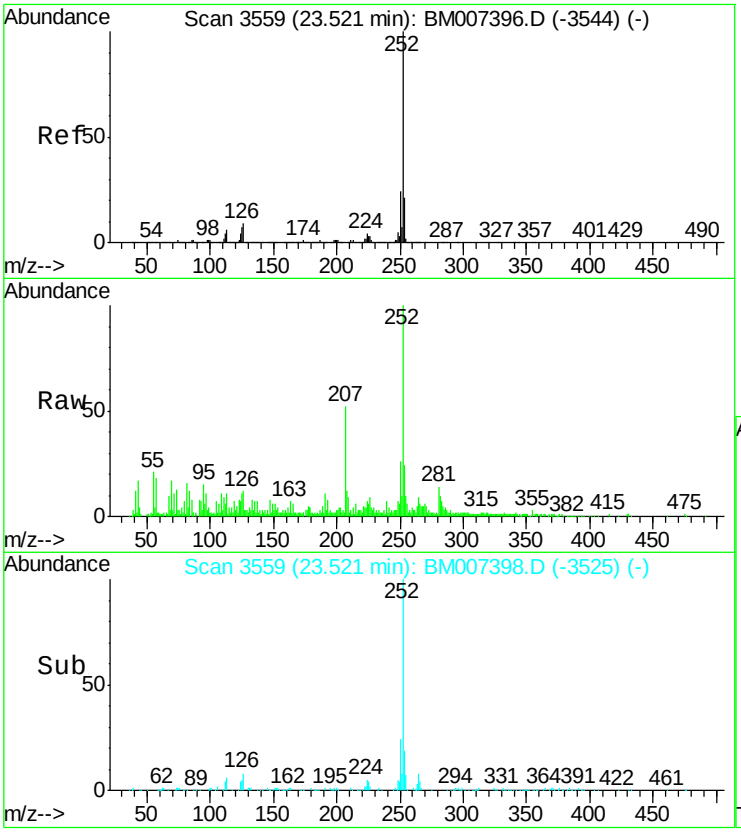


#86
Benzo(k)fluoranthene
Concen: 12.58 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:252 Resp: 1372168

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	7.1	5.7	8.5



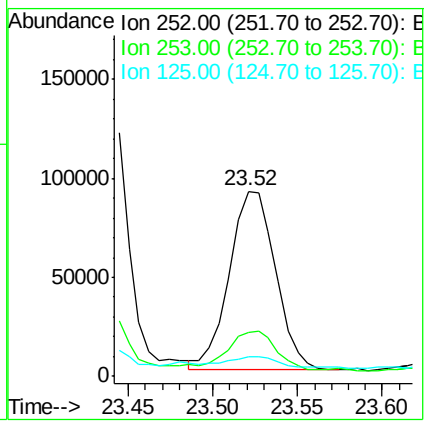


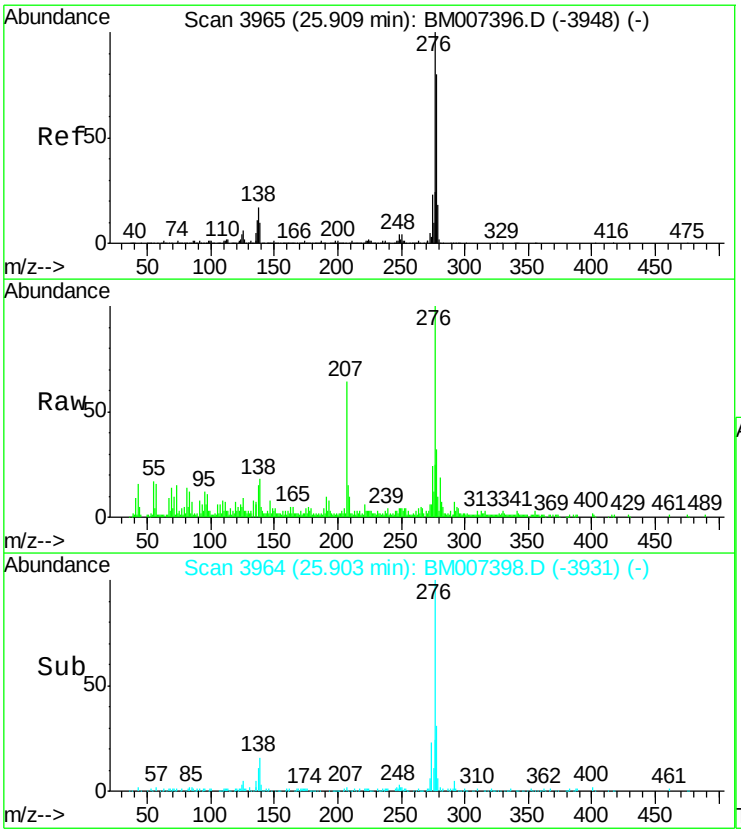
#88
Benzo(a)pyrene
Concen: 1.51 ng/ul
RT: 23.52 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:252 Resp: 171017

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	10.7	6.6	9.8#

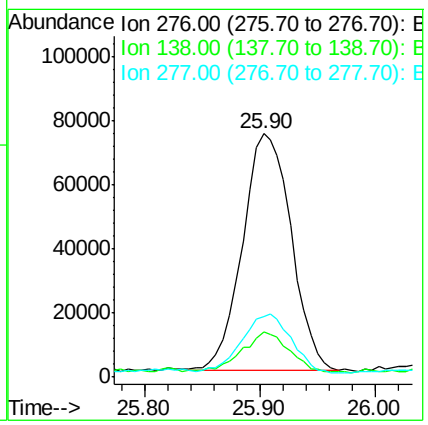


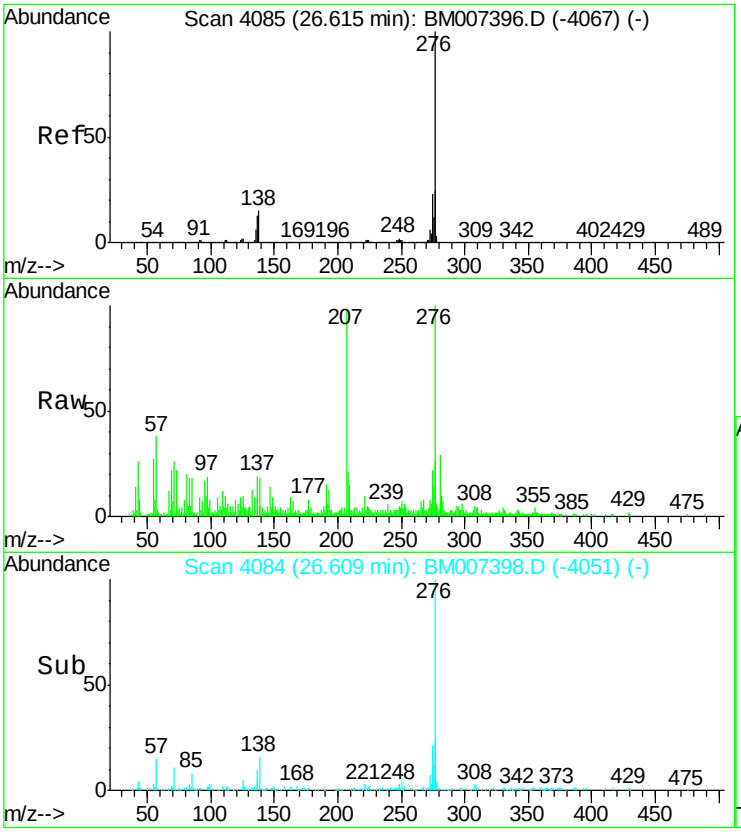


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.56 ng/ul
RT: 25.90 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Tgt Ion:276 Resp: 216022

Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.9	20.9
277	24.8	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 1.23 ng/ul
RT: 26.61 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BM007398.D
Acq: 03 Sep 2016 09:34

Instrument :
BNA_M
ClientSampleId :
BD397

Tgt Ion:276 Resp: 144772

Ion	Ratio	Lower	Upper
276	100		
138	18.3	13.5	20.3
277	26.2	19.3	28.9