Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012588.D
Acq On : 31 Oct 2017 00:01
Operator : SJ/JU
Sample : I5886-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 31 04:51:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	396456	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1505614	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	869682	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1973633	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2334367	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2612322	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.35	96	30090	3.88	ng/uL	0.00
5) Phenol-d5	7.02	99	537154	16.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	345919	17.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	449127	18.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	397500	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	214794	22.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	240043	24.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	446821	17.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	423487	15.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1338321	17.62	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1675170	18.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	138576	12.27	ng/ul	0.00
57) Fluorene-d10	15.48	176	1172086	18.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	119531	12.51	ng/ul	0.00
70) Anthracene-d10	17.33	188	1780633	18.93	ng/ul	0.00
76) Pyrene-d10	19.62	212	2009694	18.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2229395	17.96	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.05	94	79003	2.29	ng/ul#	88
44) Dimethylphthalate	13.94	163	88115	1.17	ng/ul	98
56) Diethylphthalate	15.30	149	319087	4.16	ng/ul	96
69) Phenanthrene	17.27	178	907586	8.50	ng/ul	98
71) Anthracene	17.36	178	168203	1.52	ng/ul	98
72) Carbazole	17.63	167	94702	1.04	ng/ul	98
74) Fluoranthene	19.28	202	2093252	17.31	ng/ul#	91
77) Pyrene	19.64	202	1721320	12.97	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	954308	6.83	ng/ul	98
82) Chrysene	21.44	228	1089538	8.77	ng/ul	97
85) Benzo(b)fluoranthene	23.01	252	1632978	10.11	ng/ul#	98
86) Benzo(k)fluoranthene	23.01	252	1632978	10.74	ng/ul#	98
88) Benzo(a)pyrene	23.60	252	953426	6.19	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	758754	4.19	ng/ul#	98
90) Dibenzo(a,h)anthracene	26.03	278	198259	1.29	ng/ul#	89
91) Benzo(g,h,i)perylene	26.74	276	584275	3.98	ng/ul#	94

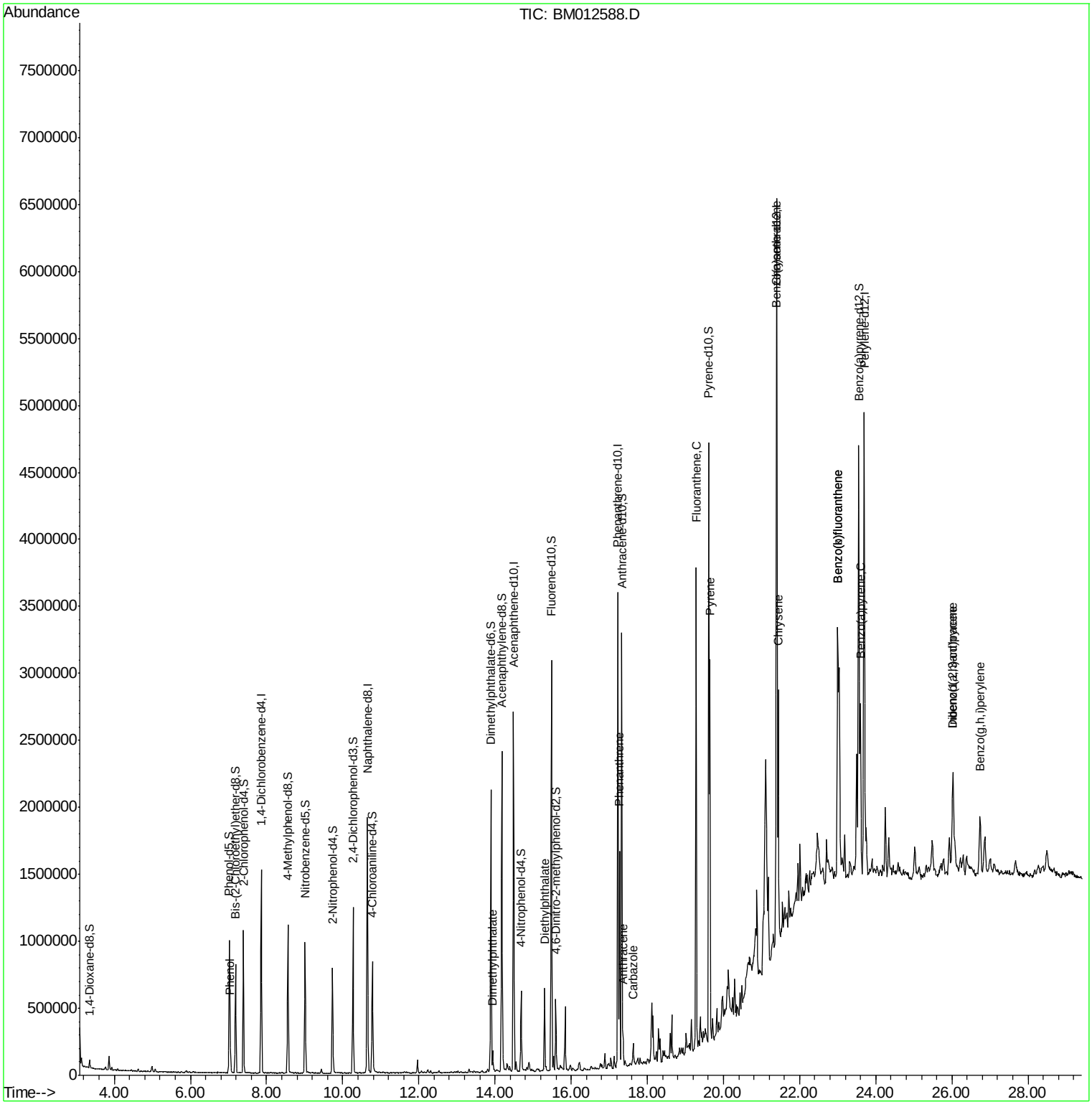
(#) = qualifier out of range (m) = manual integration (+) = signals summed

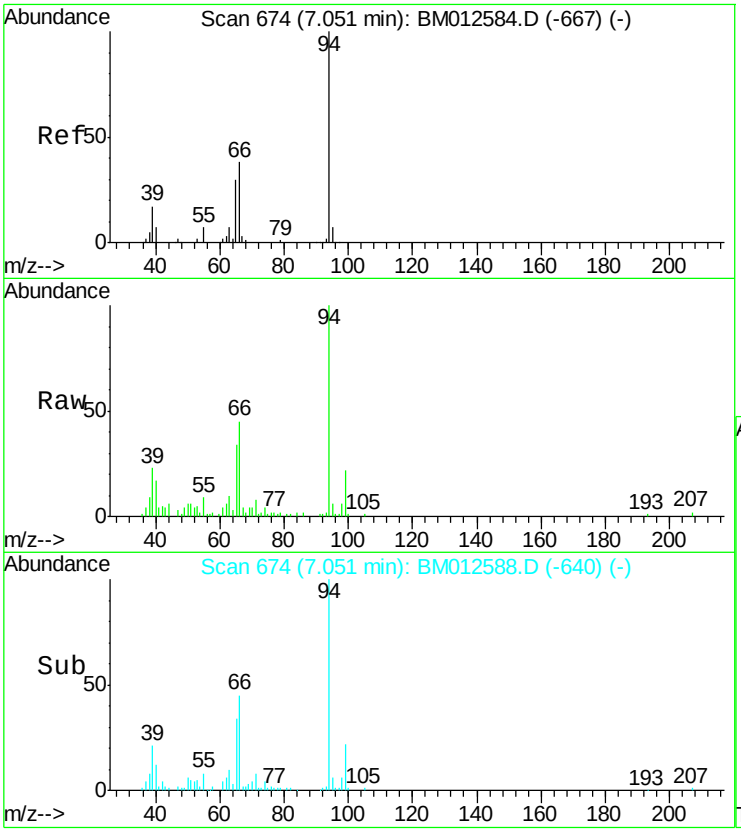
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012588.D
Acq On : 31 Oct 2017 00:01
Operator : SJ/JU
Sample : I5886-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 31 04:51:18 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration



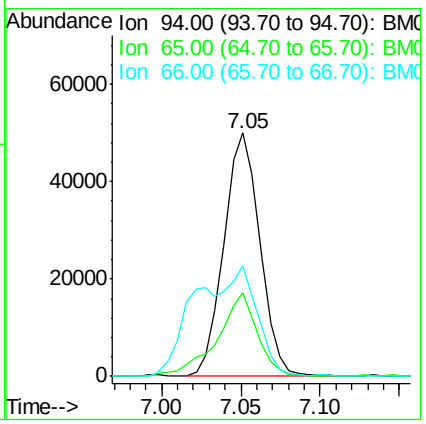


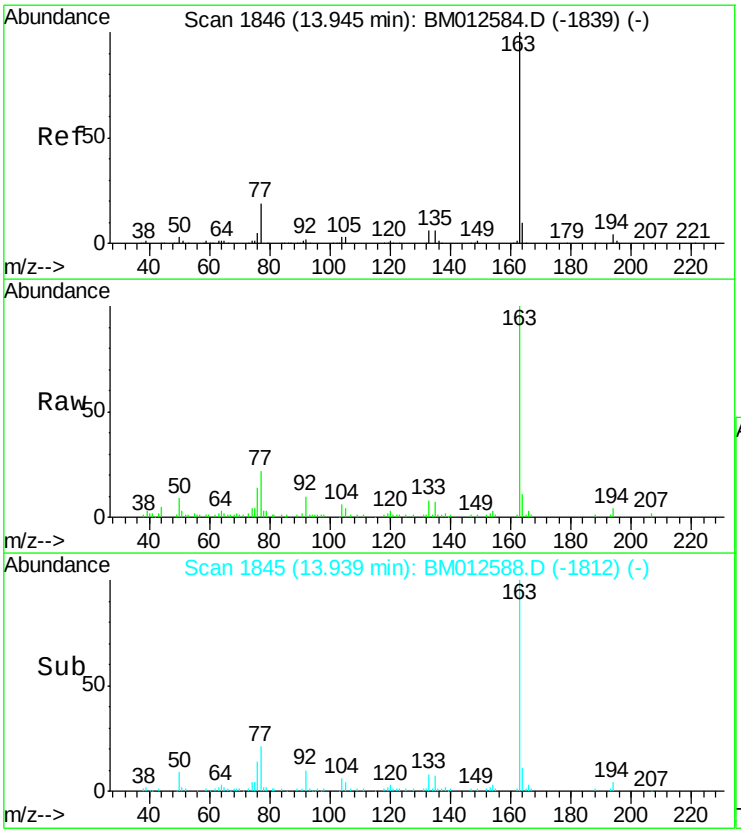
#6
Phenol
Concen: 2.29 ng/ul
RT: 7.05 min Scan# 674
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 79003

Ion	Ratio	Lower	Upper
94	100		
65	34.4	28.2	42.4
66	45.3	47.2	70.8#

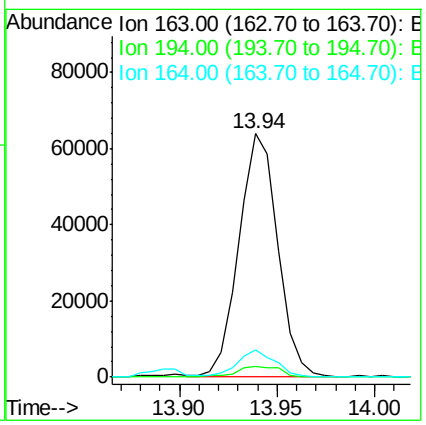


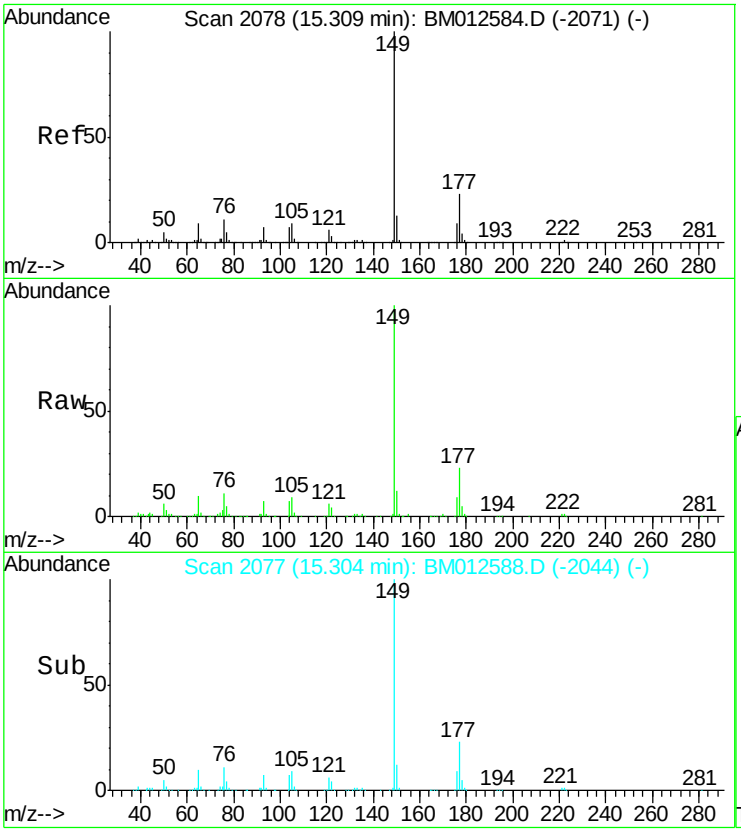


#44
Dimethylphthalate
Concen: 1.17 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:163 Resp: 88115

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	11.0	8.2	12.4



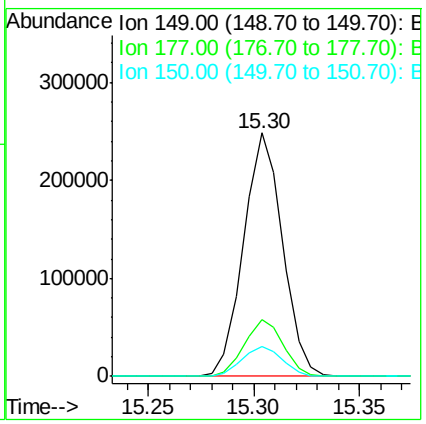


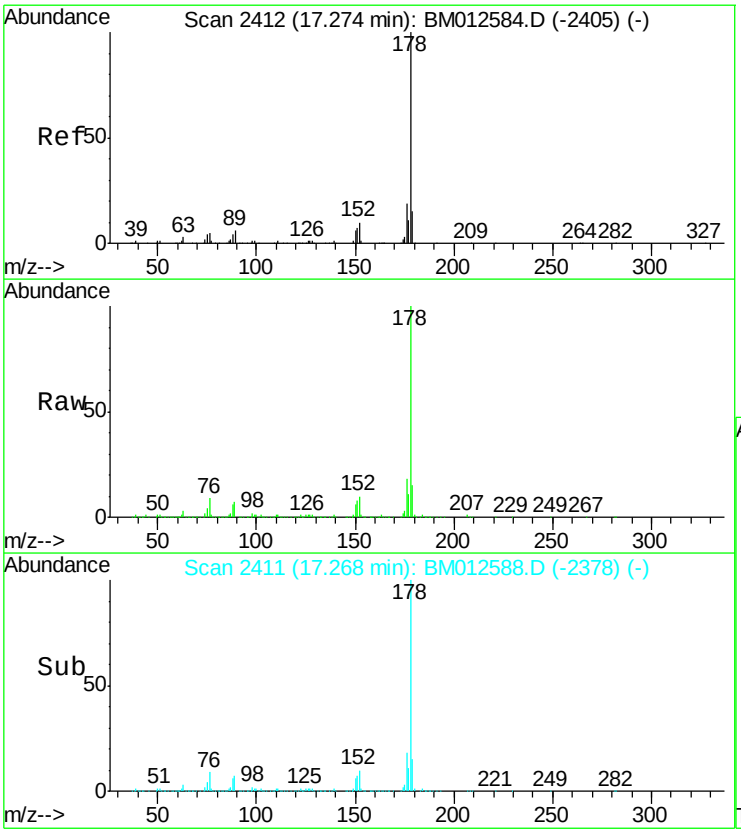
#56
Diethylphthalate
Concen: 4.16 ng/ul
RT: 15.30 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 319087

Ion	Ratio	Lower	Upper
149	100		
177	23.5	20.5	30.7
150	12.4	10.6	15.8

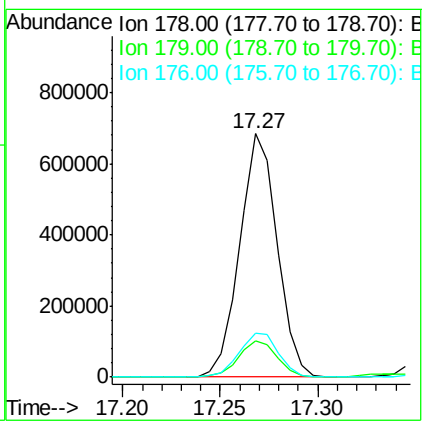


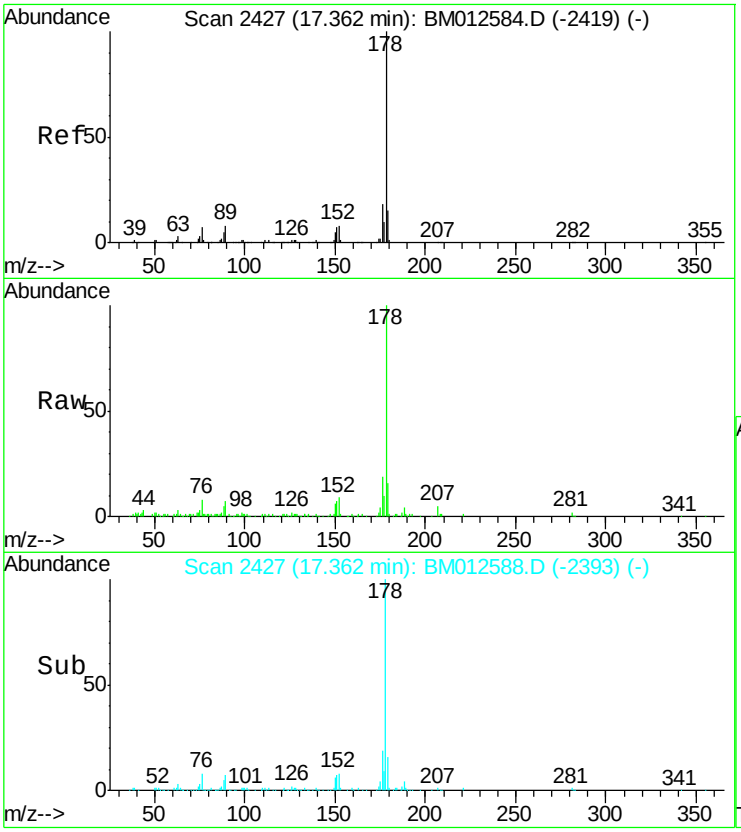


#69
Phenanthrene
Concen: 8.50 ng/ul
RT: 17.27 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:178 Resp: 907586

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.6	19.0
176	17.8	14.9	22.3



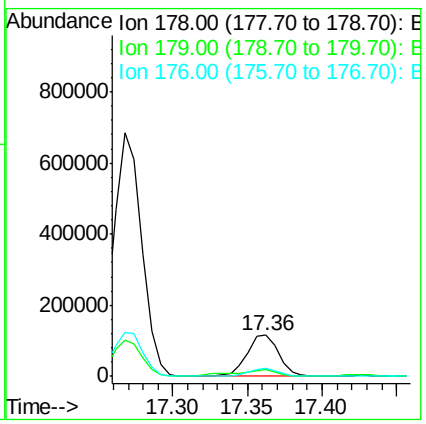


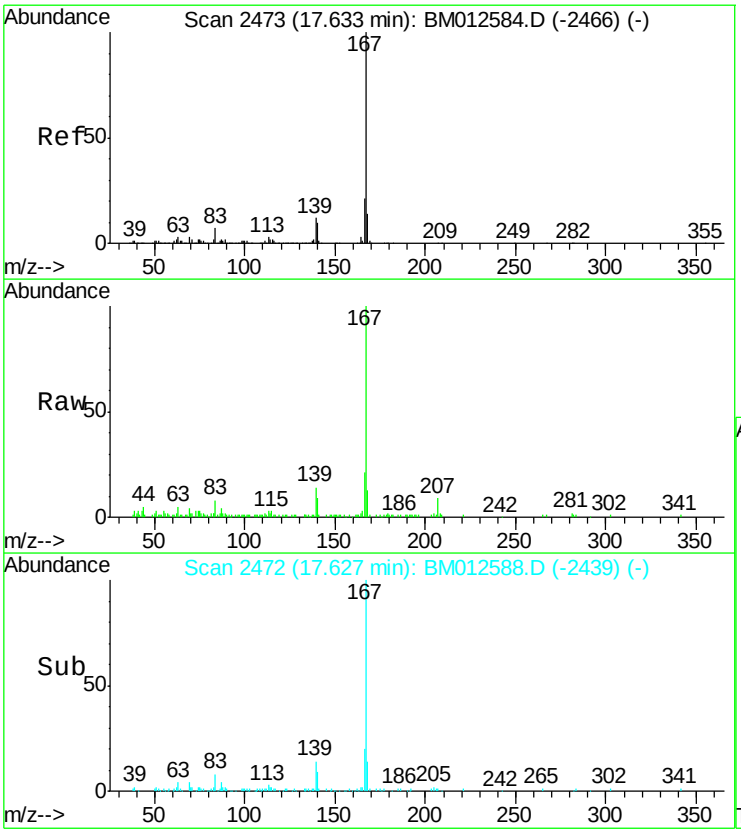
#71
Anthracene
Concen: 1.52 ng/ul
RT: 17.36 min Scan# 2427
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 168203

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	18.7	14.6	21.8

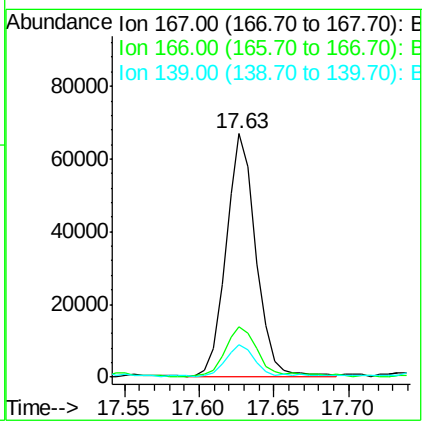


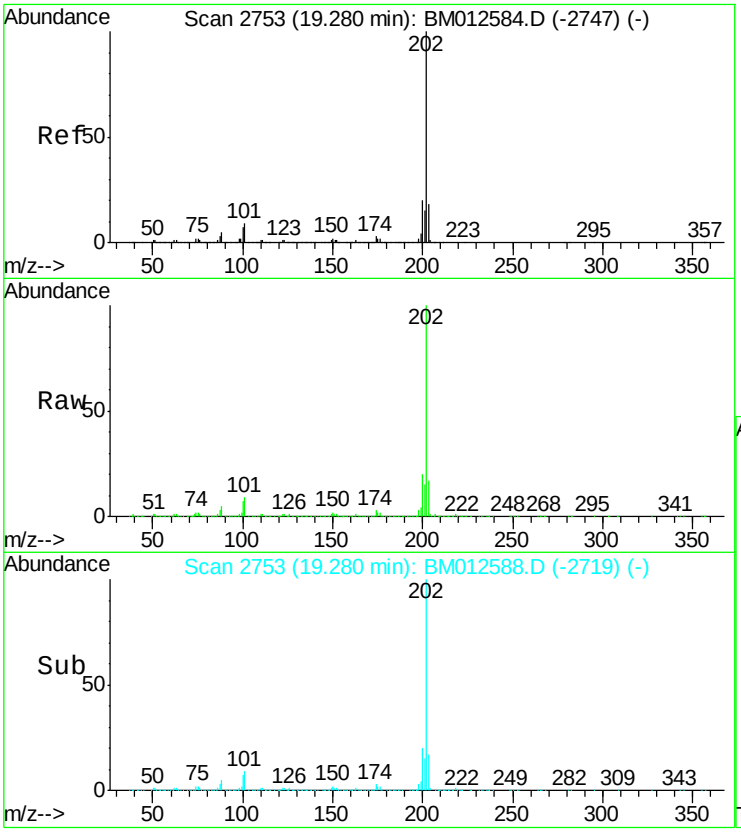


#72
Carbazole
Concen: 1.04 ng/ul
RT: 17.63 min Scan# 2472
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:167 Resp: 94702

Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	13.6	10.0	15.0



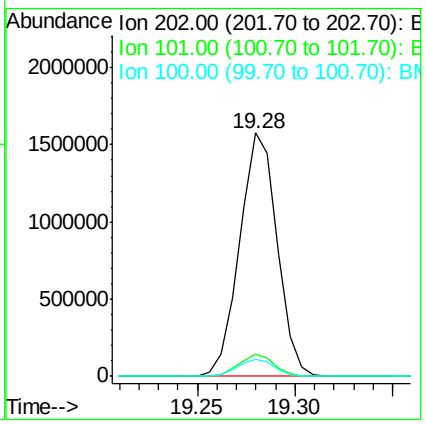


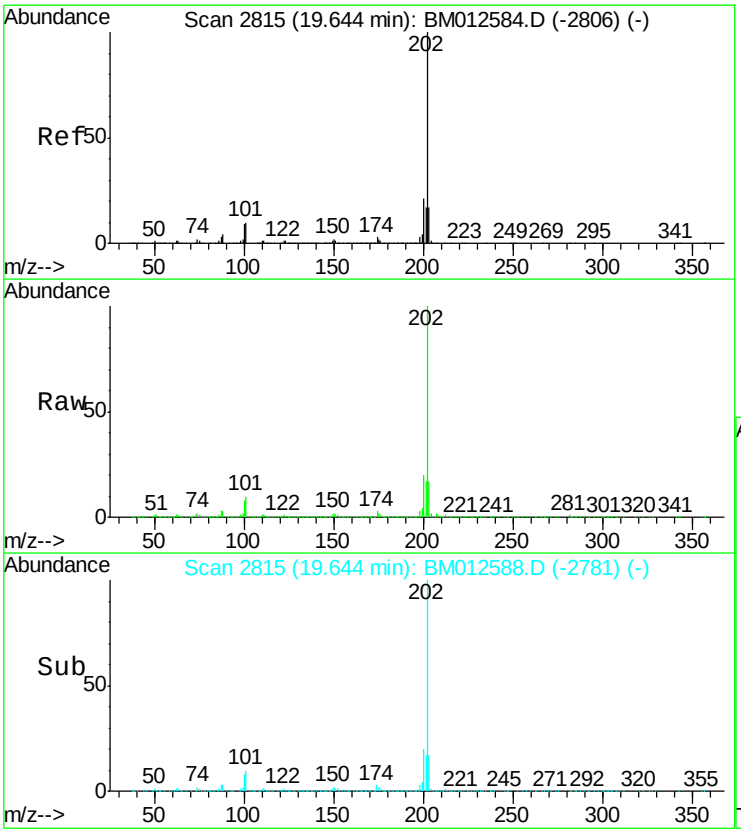
#74
Fluoranthene
Concen: 17.31 ng/ul
RT: 19.28 min Scan# 2753
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2093252

Ion	Ratio	Lower	Upper
202	100		
101	9.1	4.6	7.0#
100	7.0	3.4	5.2#

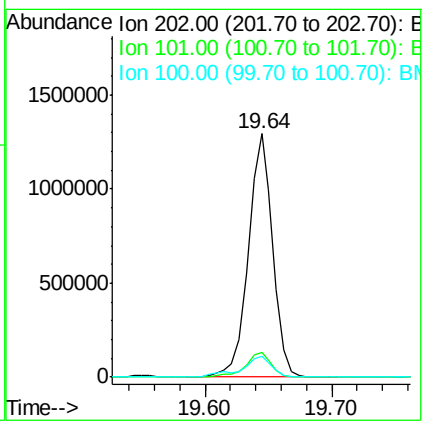


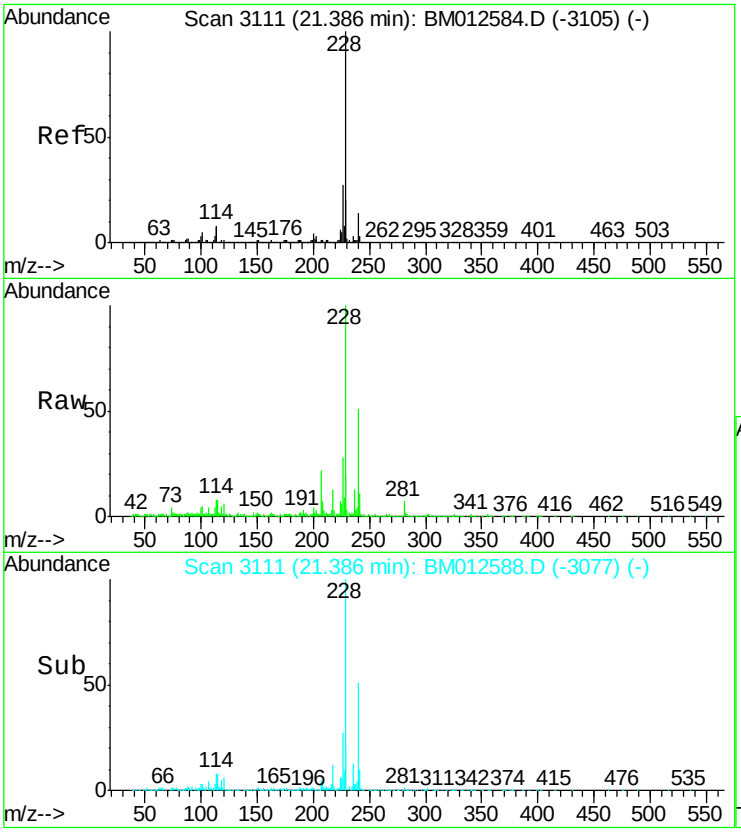


#77
Pyrene
Concen: 12.97 ng/ul
RT: 19.64 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:202 Resp: 1721320

Ion	Ratio	Lower	Upper
202	100		
101	10.1	5.1	7.7#
100	8.4	4.9	7.3#



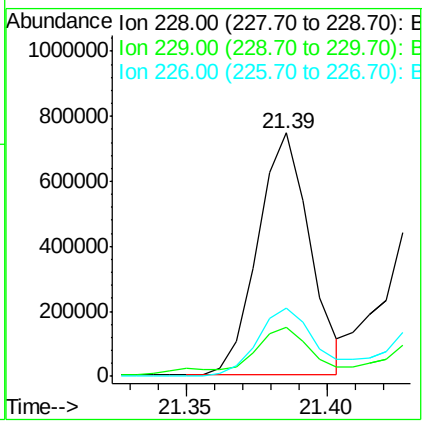


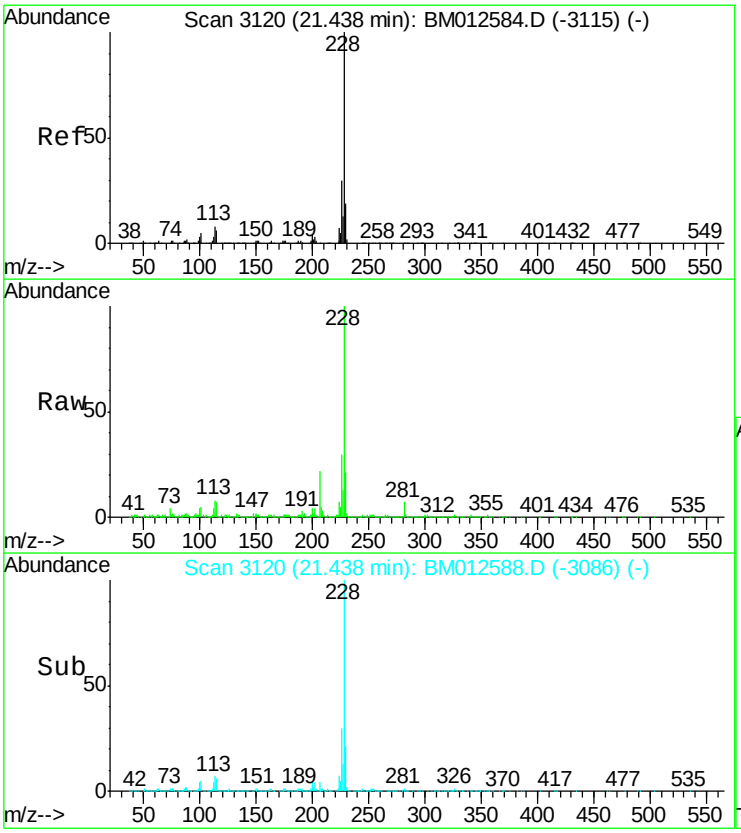
#80
Benzo(a)anthracene
Concen: 6.83 ng/ul
RT: 21.39 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 954308

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.8	21.4	32.0

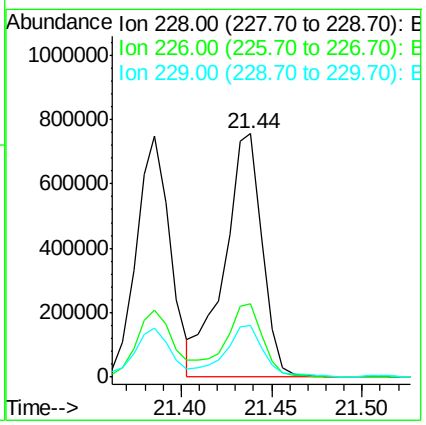


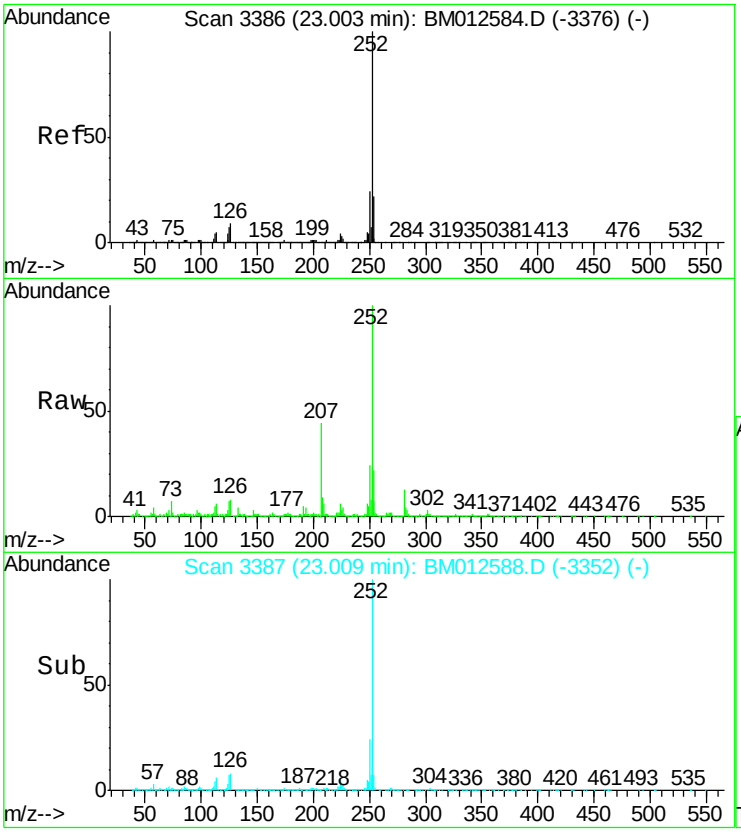


#82
Chrysene
Concen: 8.77 ng/ul
RT: 21.44 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:228 Resp: 1089538

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.4	15.5	23.3



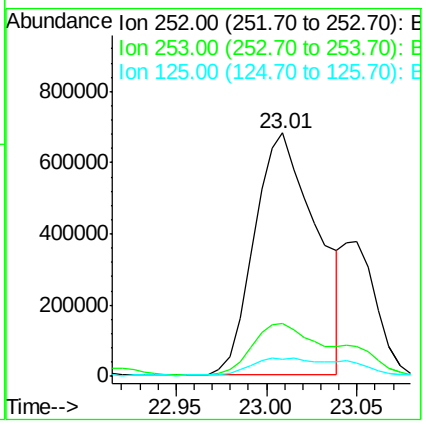


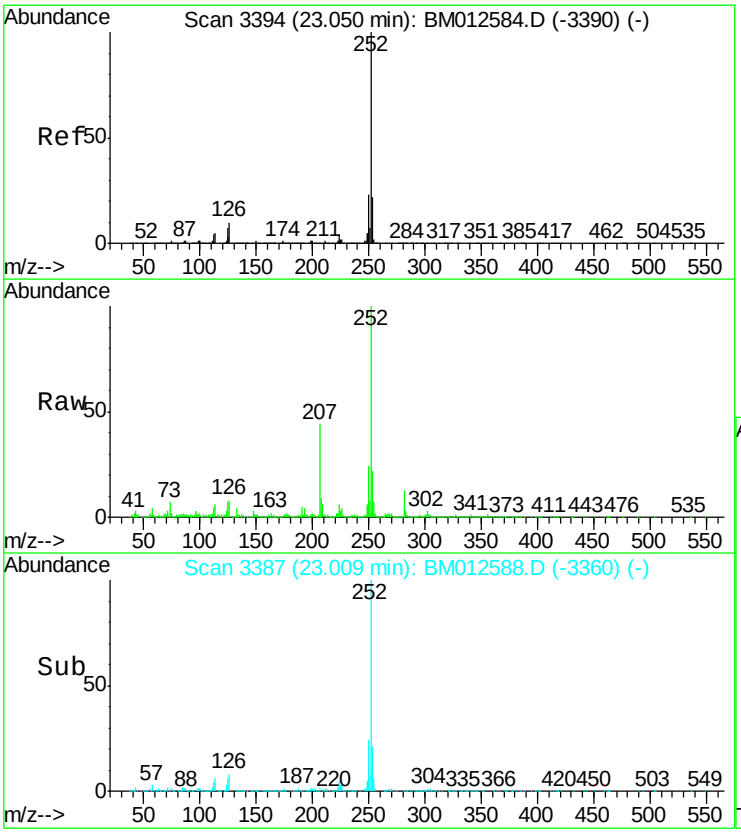
#85
Benzo(b)fluoranthene
Concen: 10.11 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. 0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1632978

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	7.1	3.6	5.4#

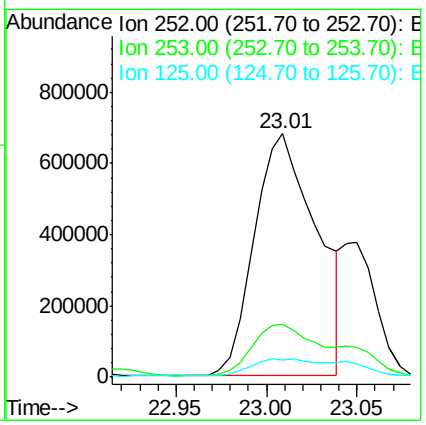


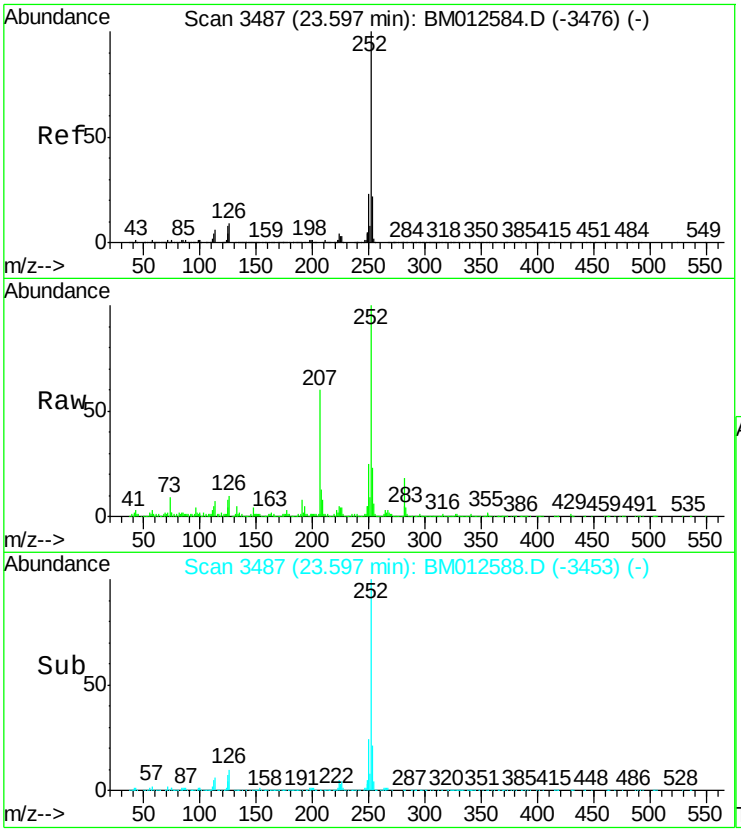


#86
Benzo(k)fluoranthene
Concen: 10.74 ng/ul
RT: 23.01 min Scan# 3387
Delta R.T. -0.04 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:252 Resp: 1632978

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	7.1	3.4	5.2#



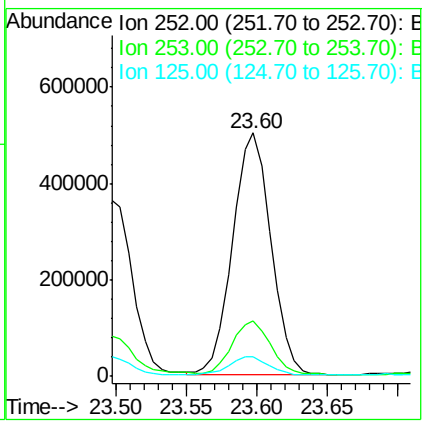


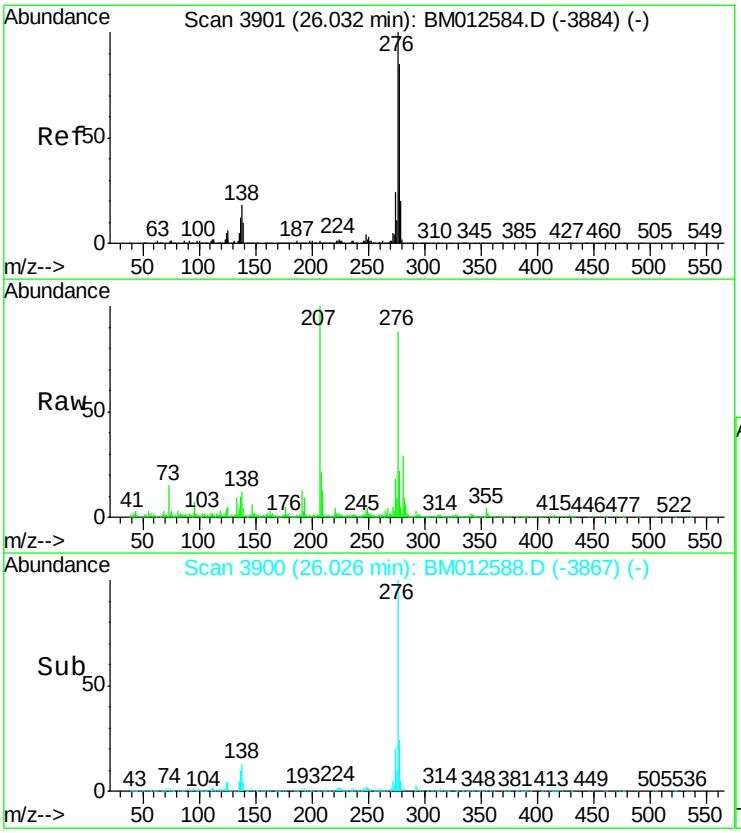
#88
Benzo(a)pyrene
Concen: 6.19 ng/ul
RT: 23.60 min Scan# 3487
Delta R.T. -0.00 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 953426

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	8.0	4.0	6.0#

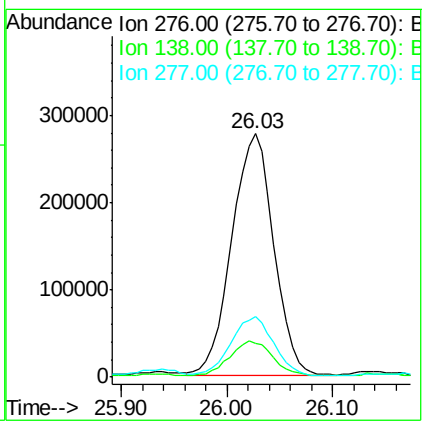


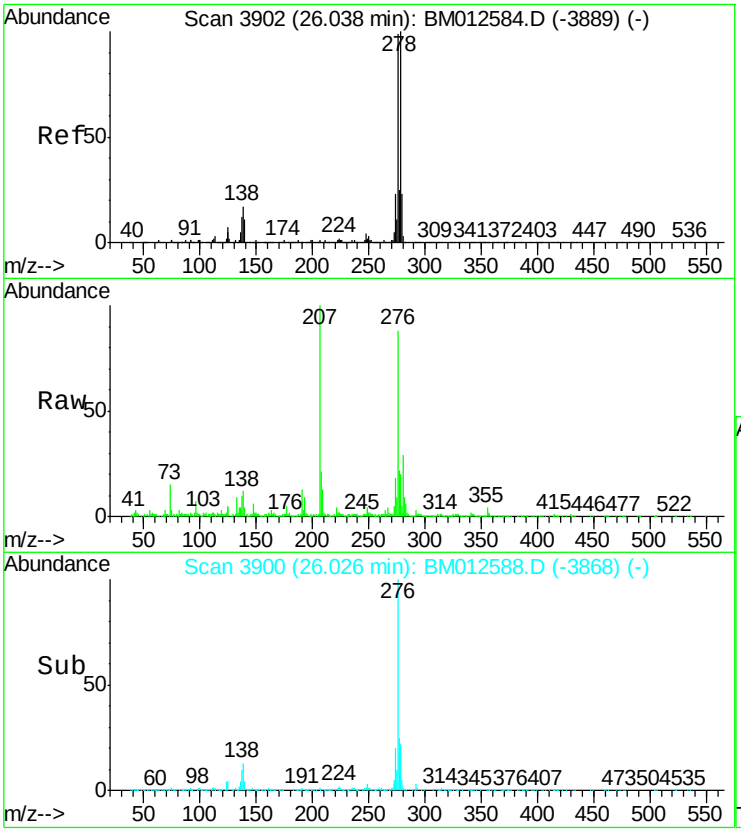


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.19 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:276 Resp: 758754

Ion	Ratio	Lower	Upper
276	100		
138	13.9	9.3	13.9#
277	25.1	19.9	29.9



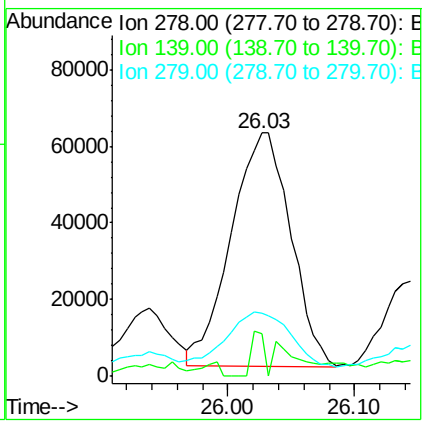


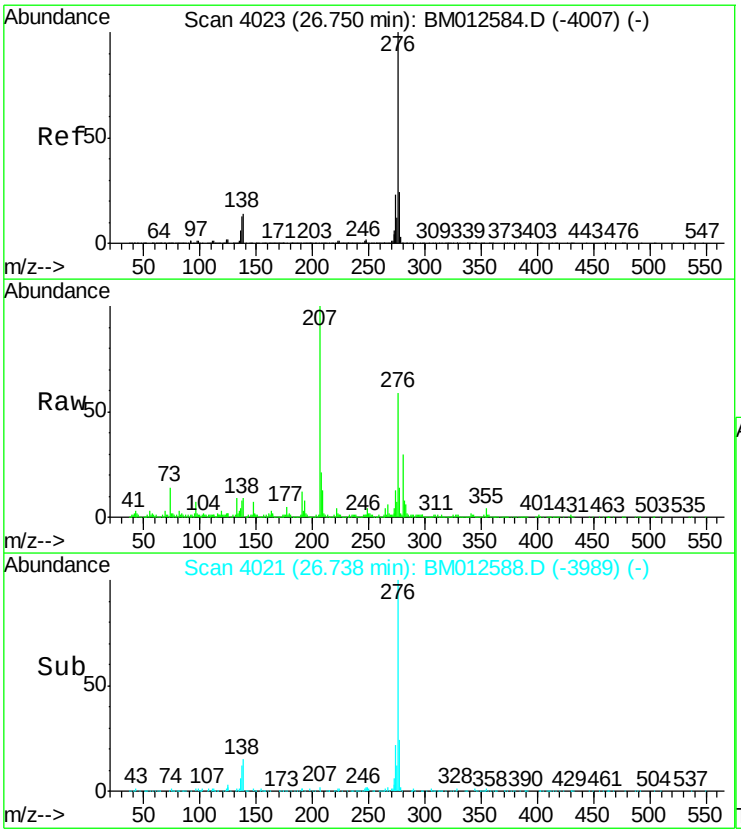
#90
Dibenzo(a,h)anthracene
Concen: 1.29 ng/ul
RT: 26.03 min Scan# 3900
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 198259

Ion	Ratio	Lower	Upper
278	100		
139	17.7	5.8	8.8#
279	26.0	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 3.98 ng/ul
RT: 26.74 min Scan# 4021
Delta R.T. -0.01 min
Lab File: BM012588.D
Acq: 31 Oct 2017 00:01

Tgt Ion:276 Resp: 584275

Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.5	12.7#
277	24.6	18.6	28.0