Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030618\
Data File : BM014494.D
Acq On : 06 Mar 2018 10:54
Operator : SJ/JU
Sample : J1678-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 06 13:04:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	354341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	195018	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	405574	20.00	ng/ul	-0.01
75) Chrysene-d12	21.15	240	382693	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	369769	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	2321	1.02	ng/uL	0.00
5) Phenol-d5	6.75	99	33718	4.10	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	21105	4.23	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	30508	4.83	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	2460	0.34	ng/ul	0.08
19) Nitrobenzene-d5	8.68	128	6225	2.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	13073	4.82	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.05	165	480	0.09	ng/ul	0.11
29) 4-Chloroaniline-d4	10.49	131	8065	1.46	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	84099	5.22	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	109914	5.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	1459	0.66	ng/ul	0.04
57) Fluorene-d10	15.18	176	75247	5.22	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3360	1.38	ng/ul	0.01
70) Anthracene-d10	17.04	188	108571	5.55	ng/ul	0.00
76) Pyrene-d10	19.34	212	125586	6.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	105739	5.88	ng/ul	-0.01
Target Compounds						Qvalue
69) Phenanthrene	16.97	178	268444	11.488	ng/ul	98
71) Anthracene	16.97	178	268444	11.423	ng/ul	97
74) Fluoranthene	19.01	202	353254	12.653	ng/ul#	95
77) Pyrene	19.37	202	408892	16.077	ng/ul#	95
80) Benzo(a)anthracene	21.14	228	205636	8.610	ng/ul	96
82) Chrysene	21.19	228	204986	9.200	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	229479	9.268	ng/ul#	95
86) Benzo(k)fluoranthene	22.69	252	229479	9.748	ng/ul#	97
88) Benzo(a)pyrene	23.24	252	164288	7.426	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.50	276	109031	5.078	ng/ul	98
91) Benzo(g,h,i)perylene	26.17	276	94729	5.447	ng/ul#	95

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

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 06 12:22:39 2018
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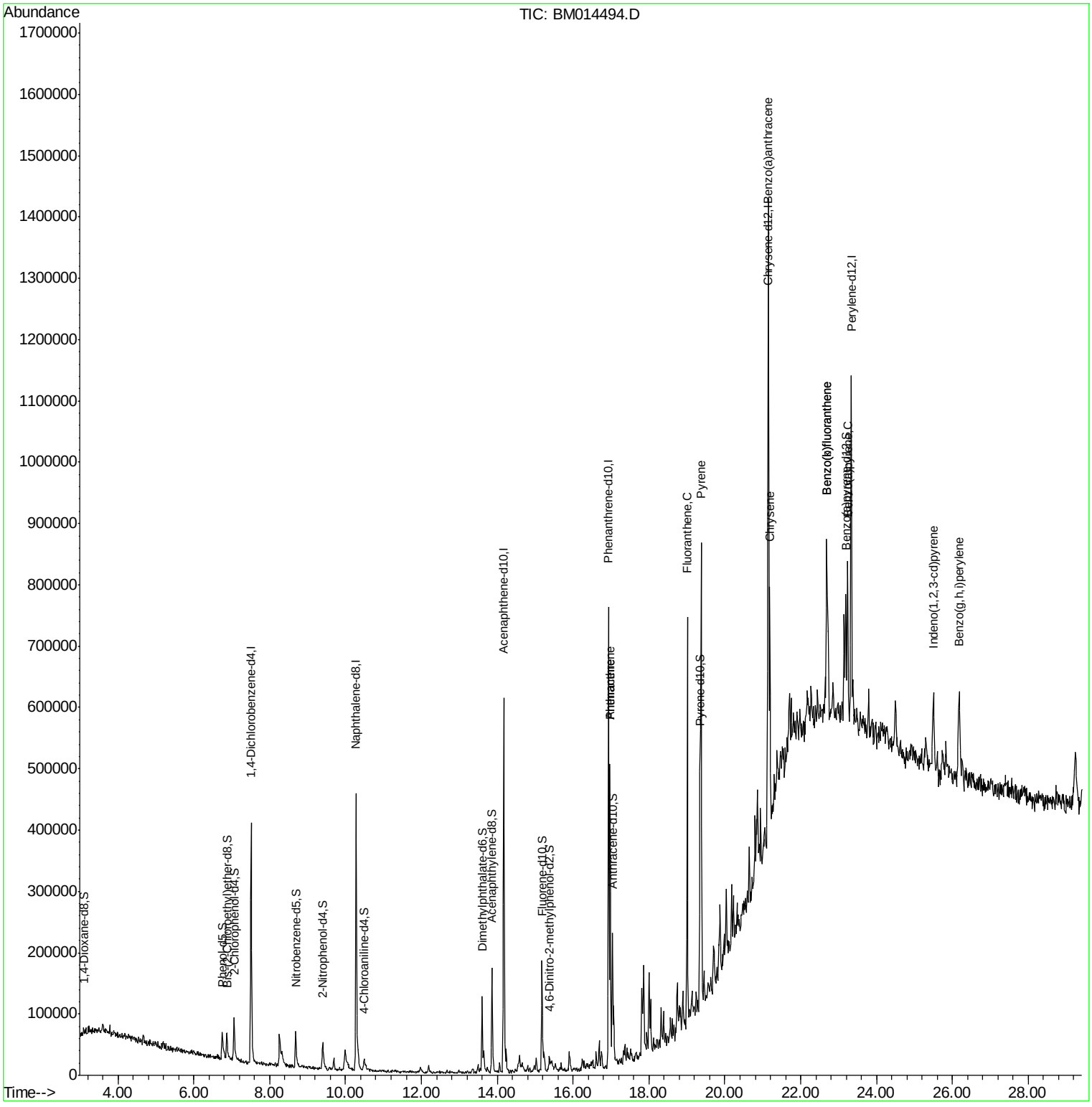
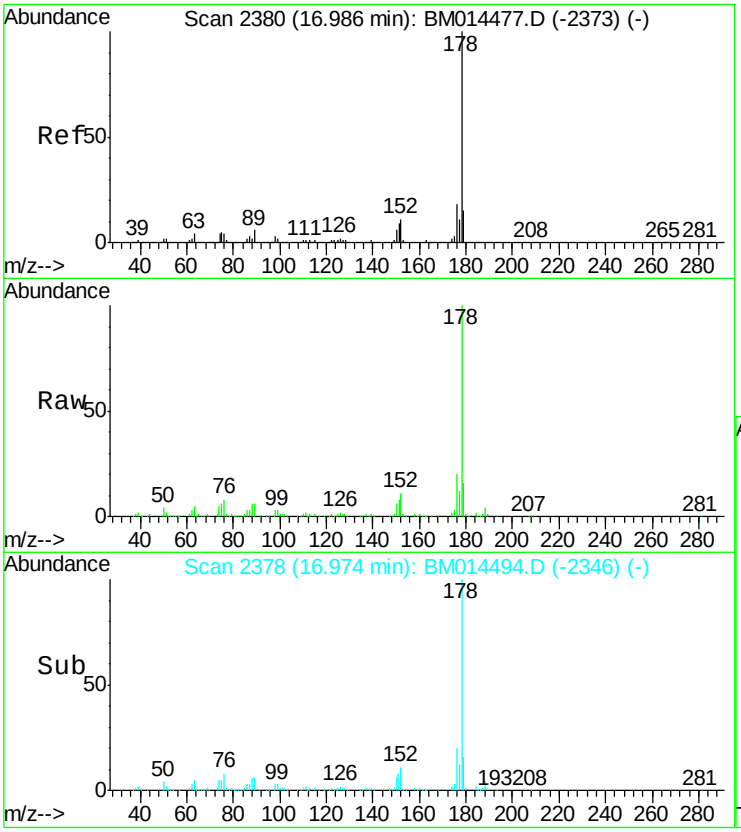


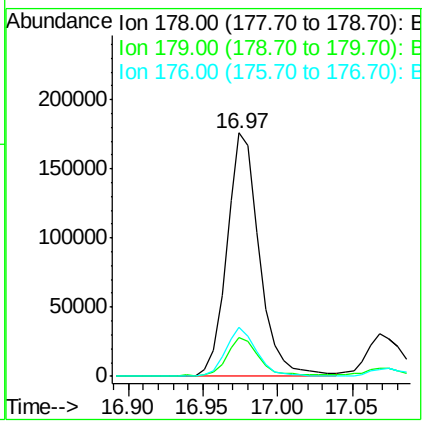


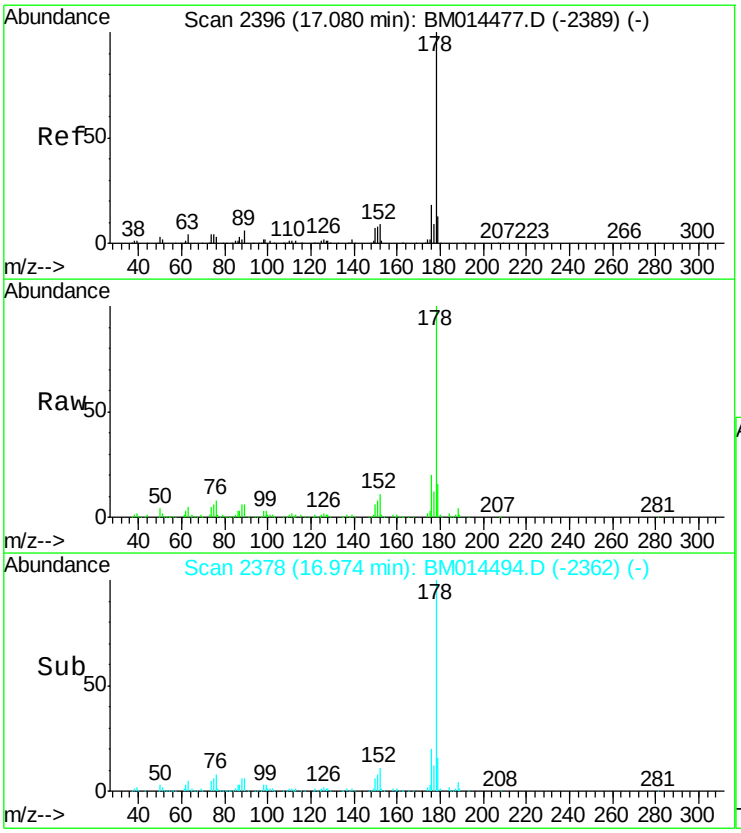
#69
Phenanthrene
Concen: 11.488 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 268444

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	20.0	14.9	22.3

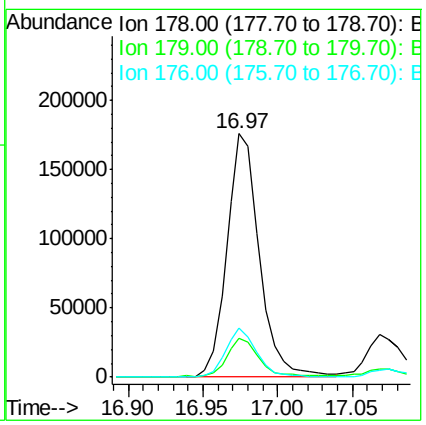


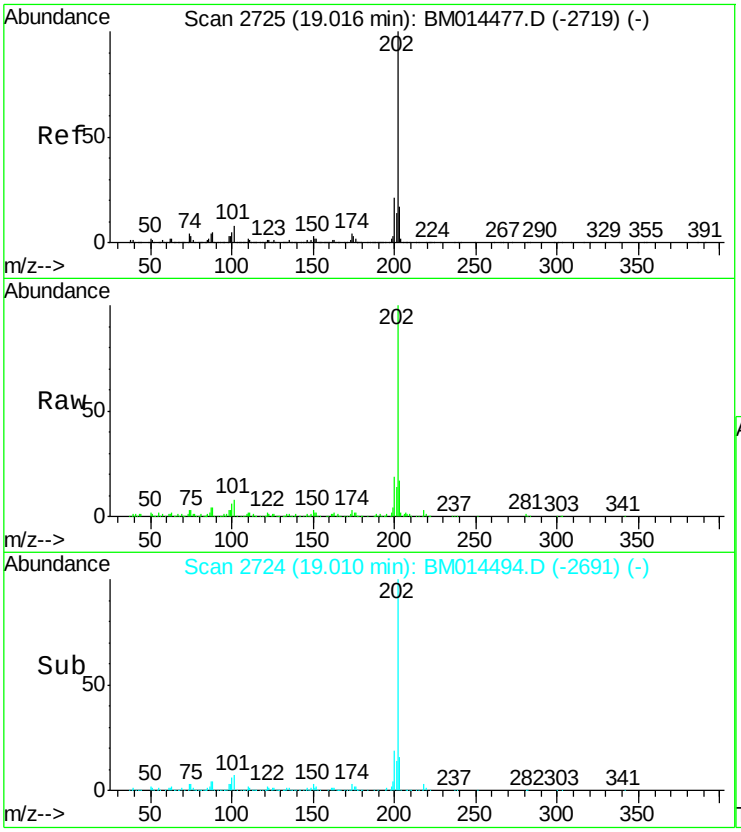


#71
Anthracene
Concen: 11.423 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.11 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion:178 Resp: 268444

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	20.0	14.6	21.8



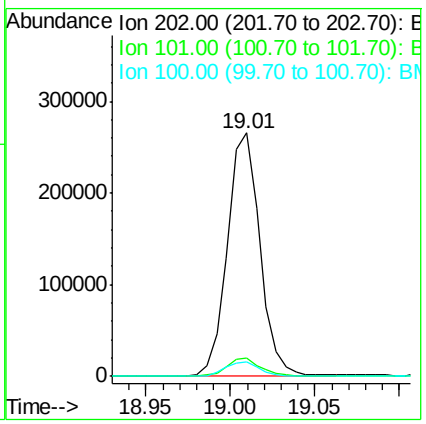


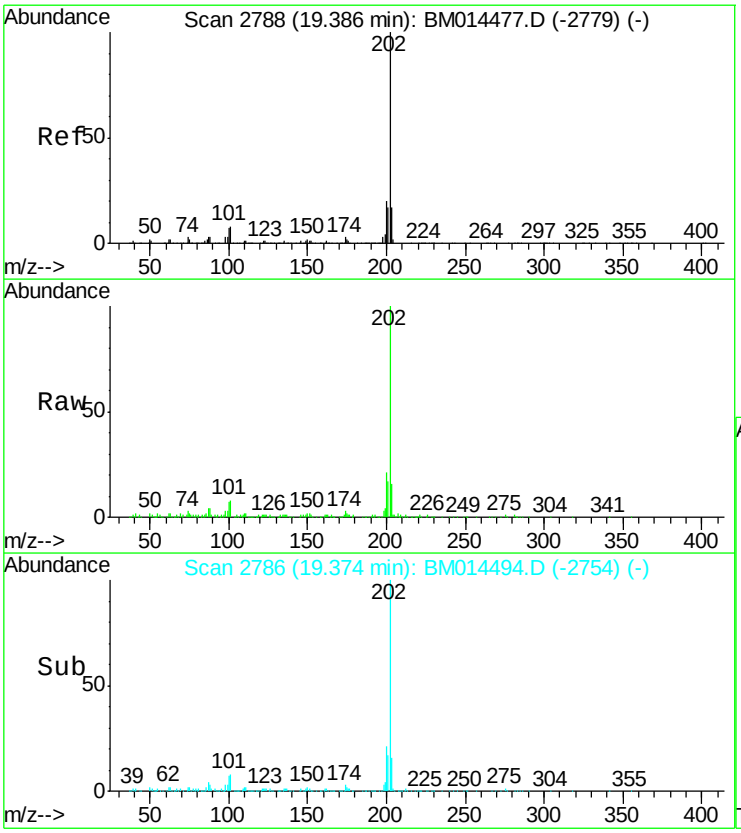
#74
Fluoranthene
Concen: 12.653 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 353254

Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	5.8	3.4	5.2#

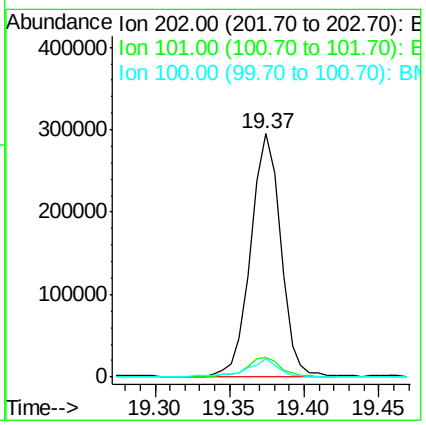


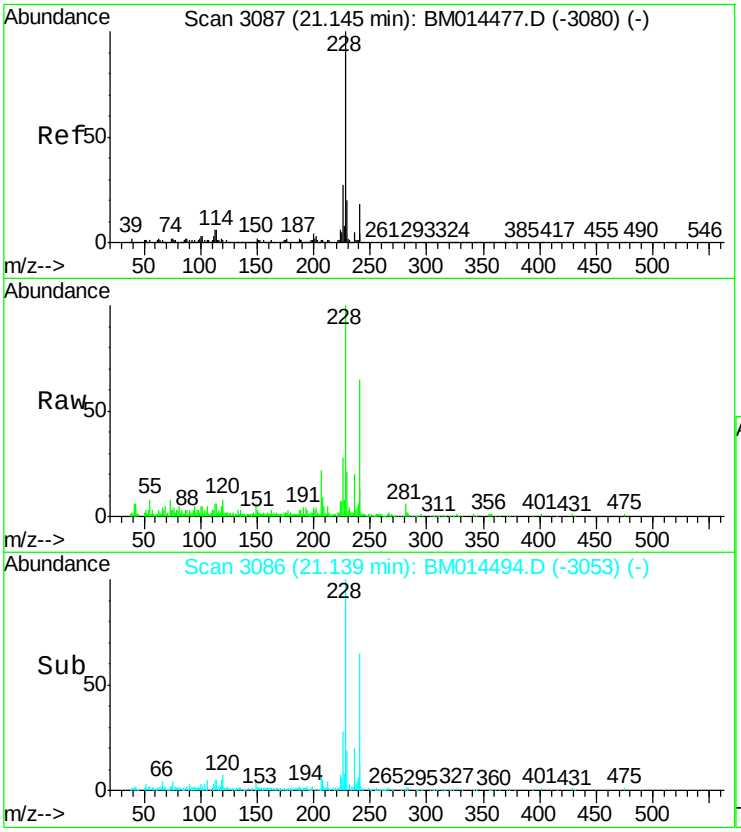


#77
Pyrene
Concen: 16.077 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion:202 Resp: 408892

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	7.4	4.9	7.3#



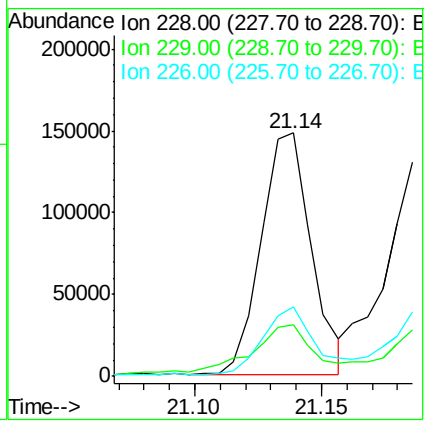


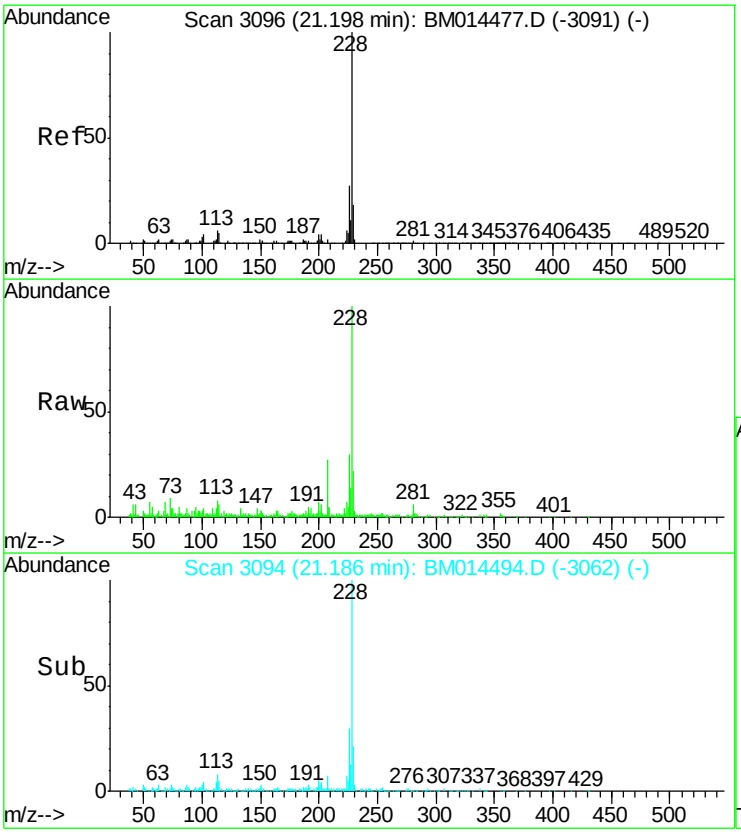
#80
Benzo(a)anthracene
Concen: 8.610 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 205636

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.4	23.0
226	28.5	21.4	32.0

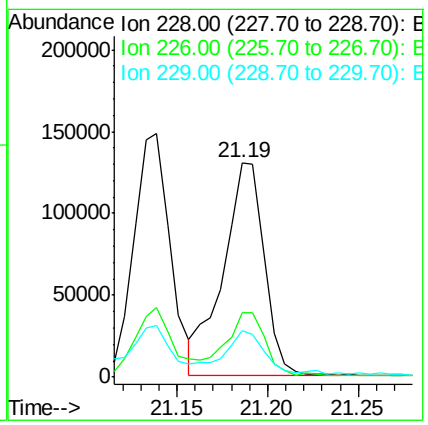


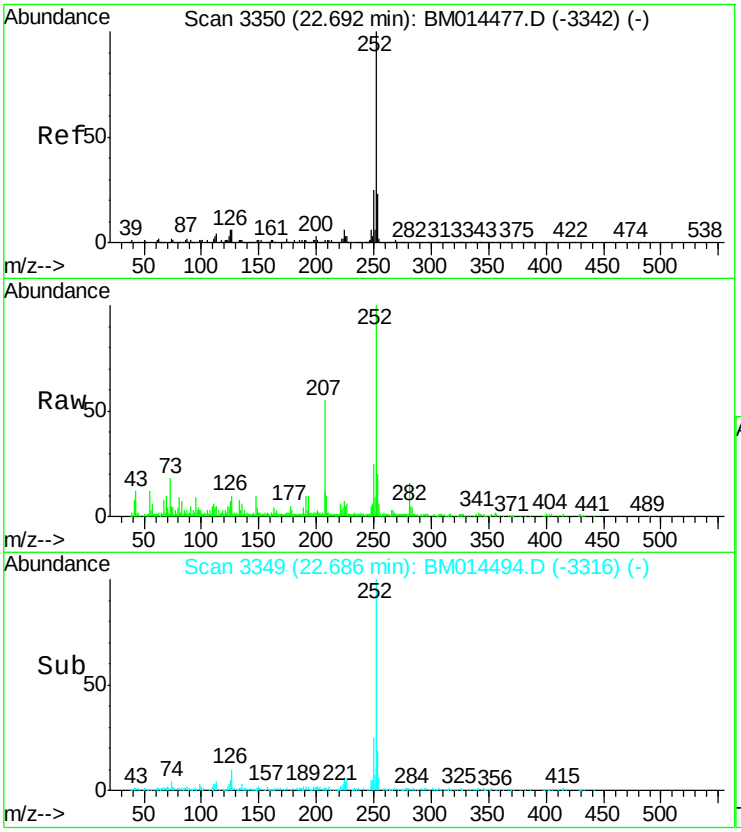


#82
Chrysene
Concen: 9.200 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion:228 Resp: 204986

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.7	15.5	23.3



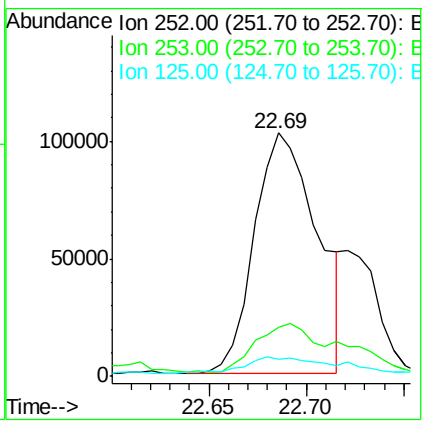


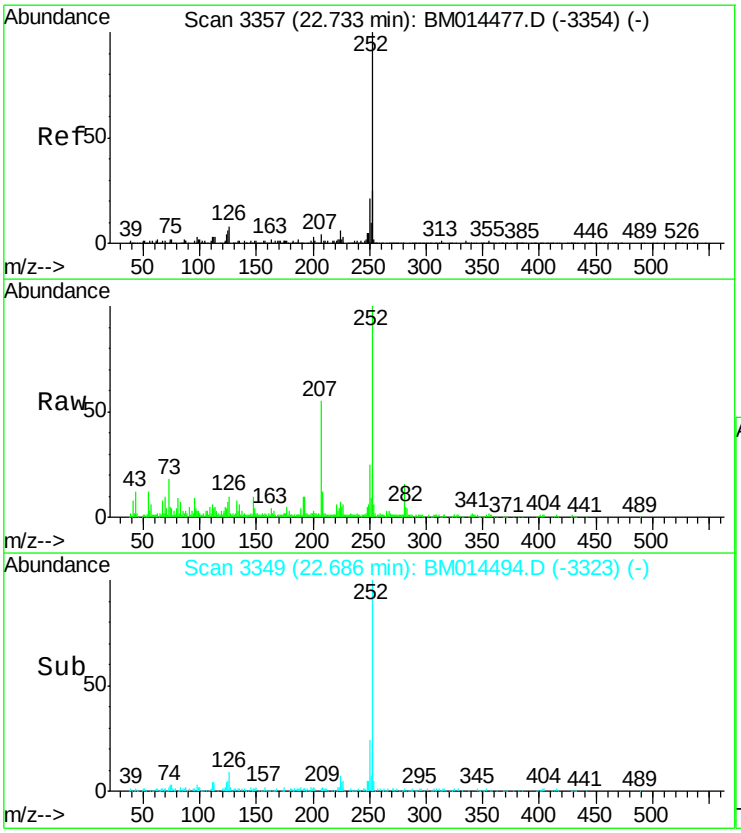
#85
Benzo(b)fluoranthene
Concen: 9.268 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 229479

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.9	26.9
125	6.8	3.6	5.4#

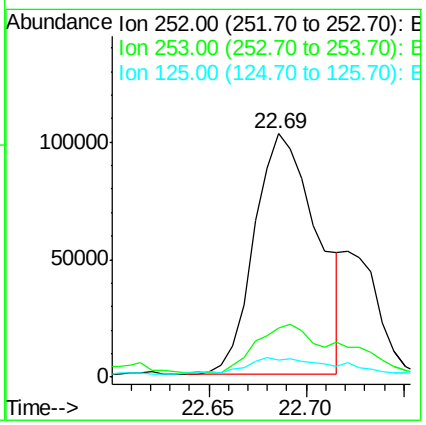


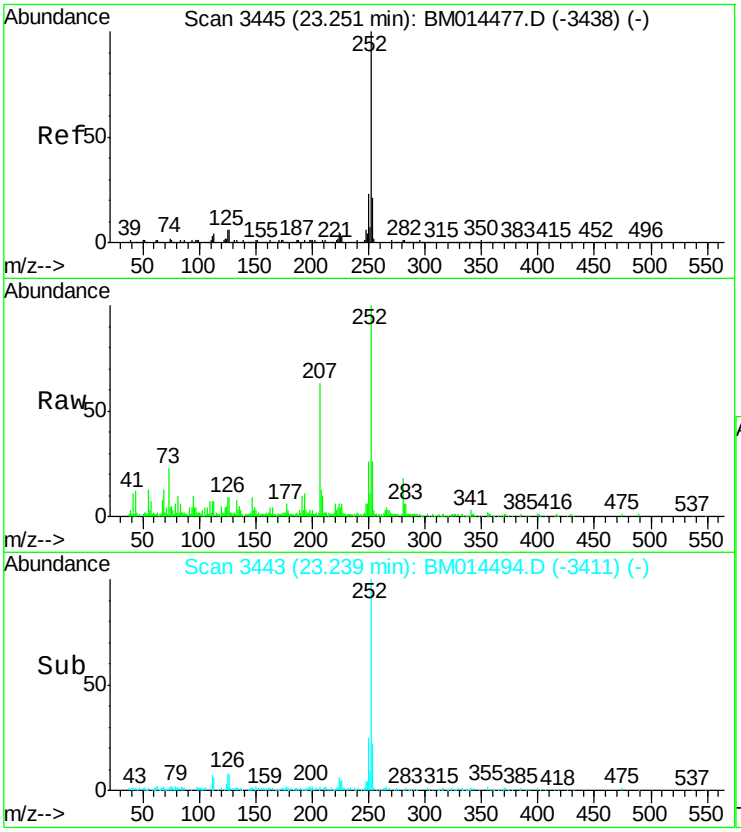


#86
Benzo(k)fluoranthene
Concen: 9.748 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.05 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion:252 Resp: 229479

Ion	Ratio	Lower	Upper
252	100		
253	20.2	17.1	25.7
125	6.8	3.4	5.2#



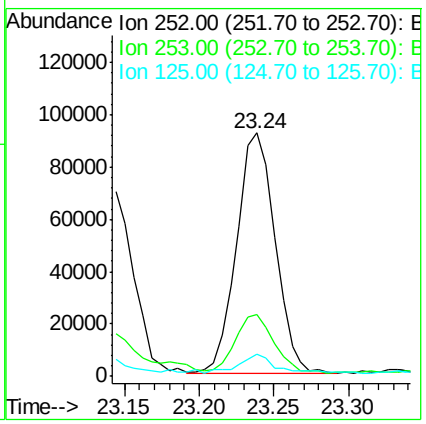


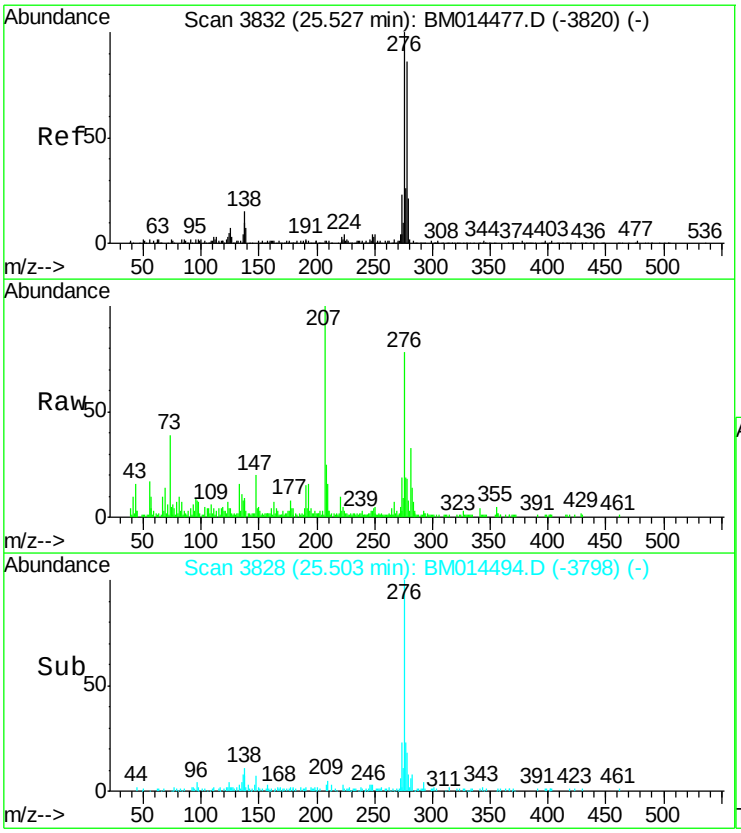
#88
Benzo(a)pyrene
Concen: 7.426 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 164288

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	9.3	4.0	6.0#

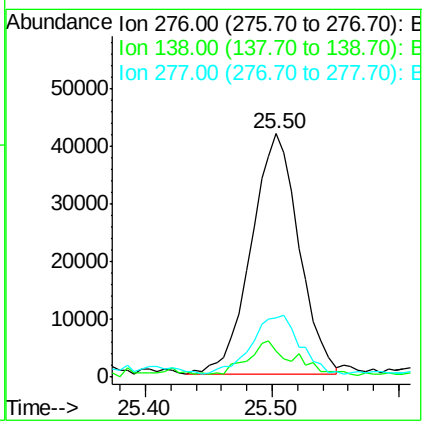


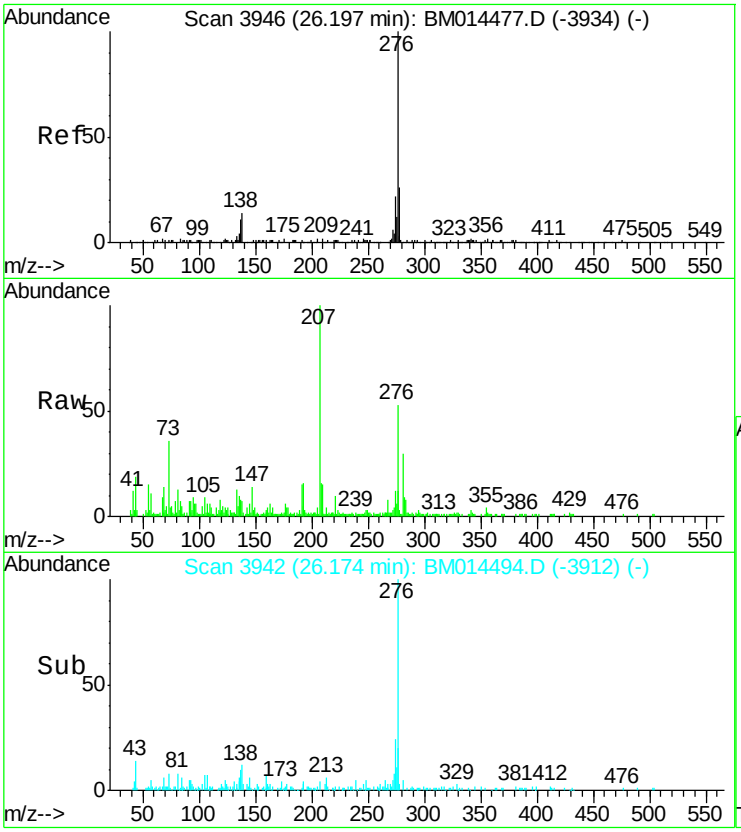


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.078 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. -0.02 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Tgt Ion:276 Resp: 109031

Ion	Ratio	Lower	Upper
276	100		
138	10.5	9.3	13.9
277	24.3	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 5.447 ng/ul
RT: 26.17 min Scan# 3942
Delta R.T. -0.02 min
Lab File: BM014494.D
Acq: 06 Mar 2018 10:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 94729

Ion	Ratio	Lower	Upper
276	100		
138	13.7	8.5	12.7#
277	21.7	18.6	28.0