Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004007.D
Acq On : 14 Jan 2016 05:14
Operator : SJ/UM
Sample : H1098-11 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 14 12:48:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	37491	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	184546	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	108862	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	244922	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	232400	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	190965	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.85	99	6206	1.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	3983	2.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	5603	2.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	4450	1.76	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	2326	1.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	2363	1.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	4793	1.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	5026	1.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	20099	2.35	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	24098	2.31	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	342	0.22	ng/ul	0.02
58) Fluorene-d10	15.32	176	19360	2.67	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	671	0.49	ng/ul	0.00
71) Anthracene-d10	17.17	188	29990	2.65	ng/ul	0.00
79) Pyrene-d10	19.47	212	33055	2.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	25877	2.71	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	10865	1.25	ng/ul#	96
70) Phenanthrene	17.11	178	50779	3.69	ng/ul	99
77) Fluoranthene	19.14	202	99129	6.93	ng/ul	99
80) Pyrene	19.50	202	142811	9.05	ng/ul	99
83) Benzo(a)anthracene	21.26	228	49625	3.59	ng/ul	97
85) Chrysene	21.31	228	60798	4.62	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	51747m	4.46	ng/ul	
89) Benzo(k)fluoranthene	22.88	252	13449m	1.22	ng/ul	
91) Benzo(a)pyrene	23.41	252	43277	3.93	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.76	276	25037	2.06	ng/ul	97
94) Benzo(g,h,i)perylene	26.45	276	25395	2.48	ng/ul	99

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

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 14 12:48:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
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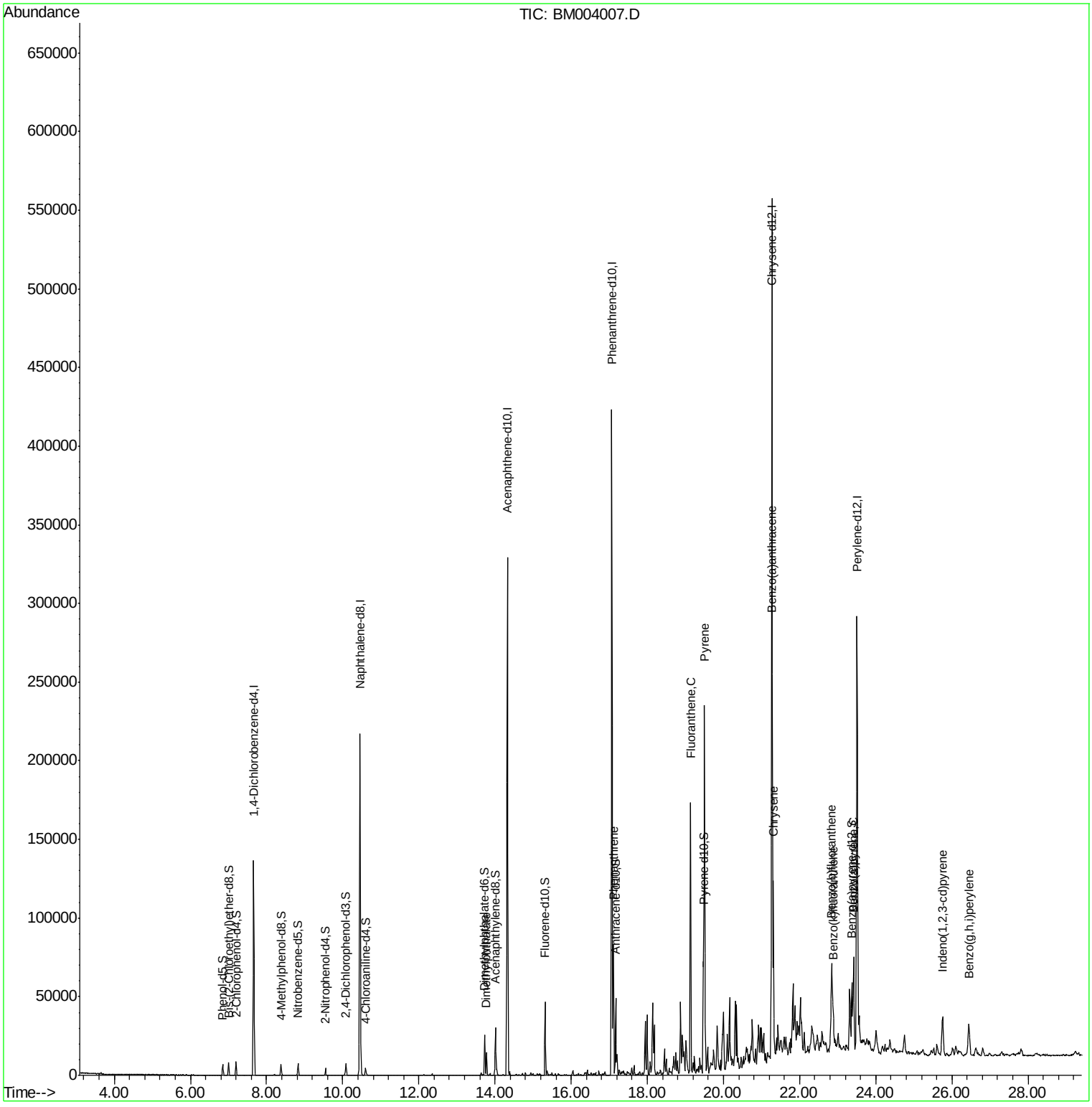
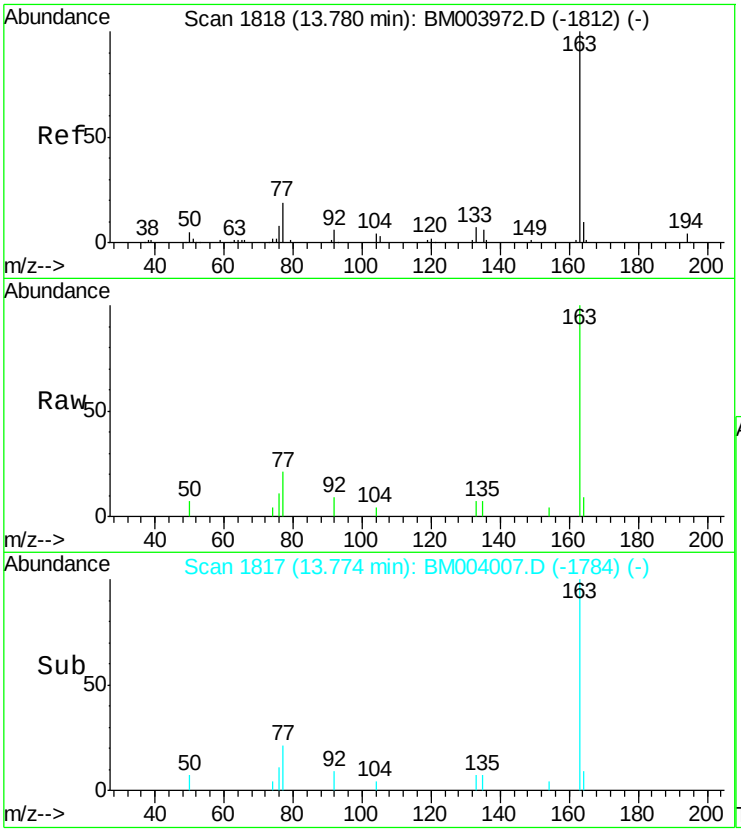


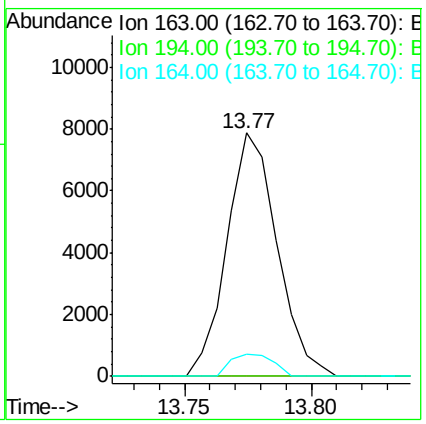


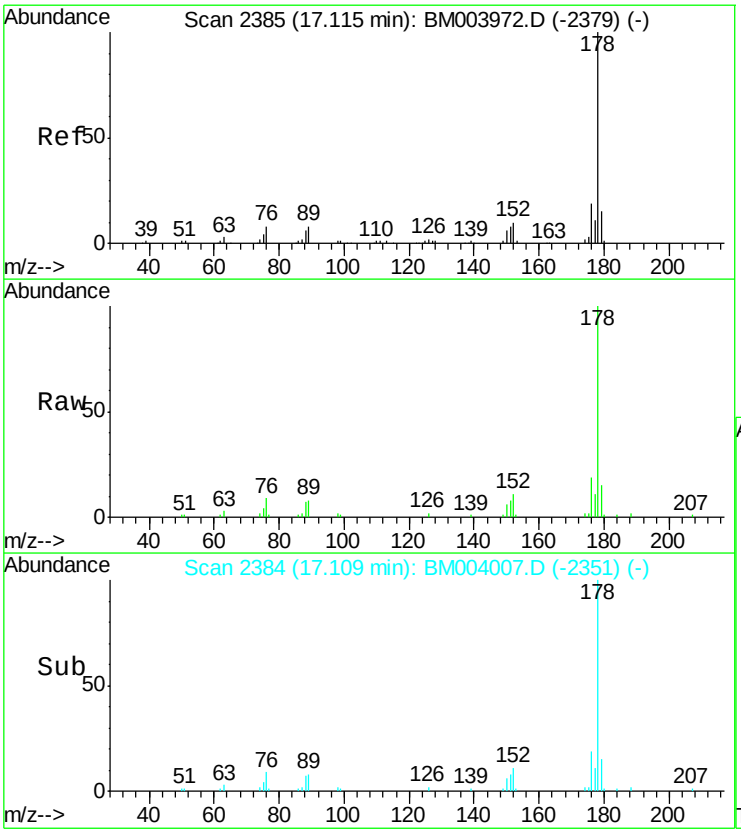
#45
Dimethylphthalate
Concen: 1.25 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 10865

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	9.3	7.8	11.8

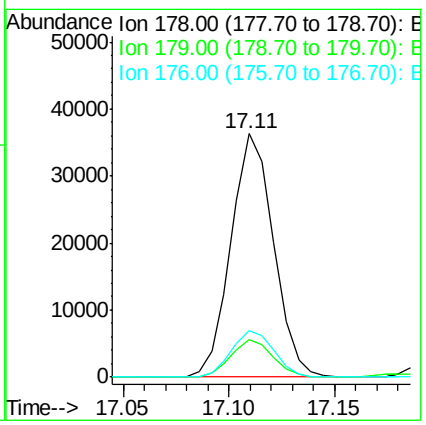


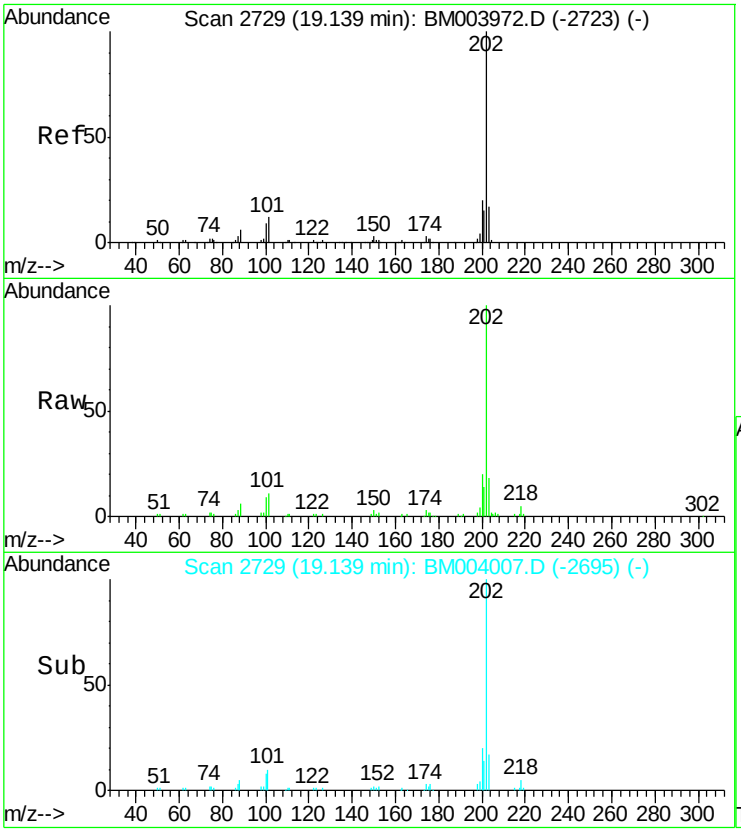


#70
Phenanthrene
Concen: 3.69 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Tgt Ion:178 Resp: 50779

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.9	15.6	23.4



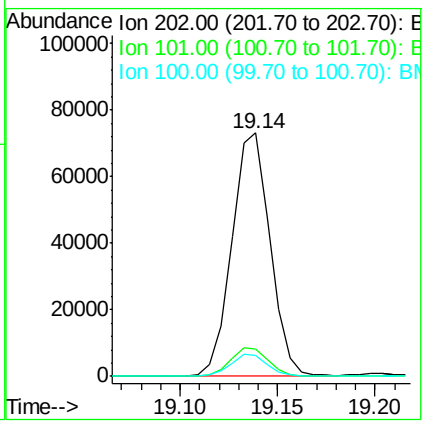


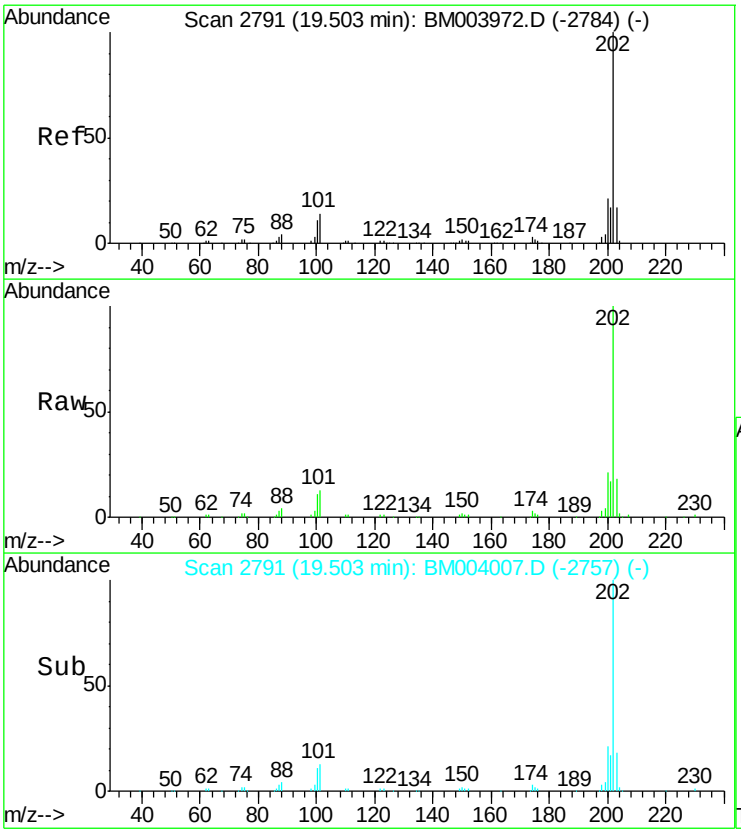
#77
Fluoranthene
Concen: 6.93 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 99129

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.8	13.2
100	8.6	6.6	9.8

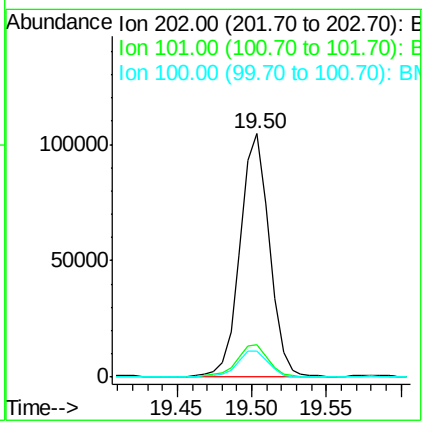


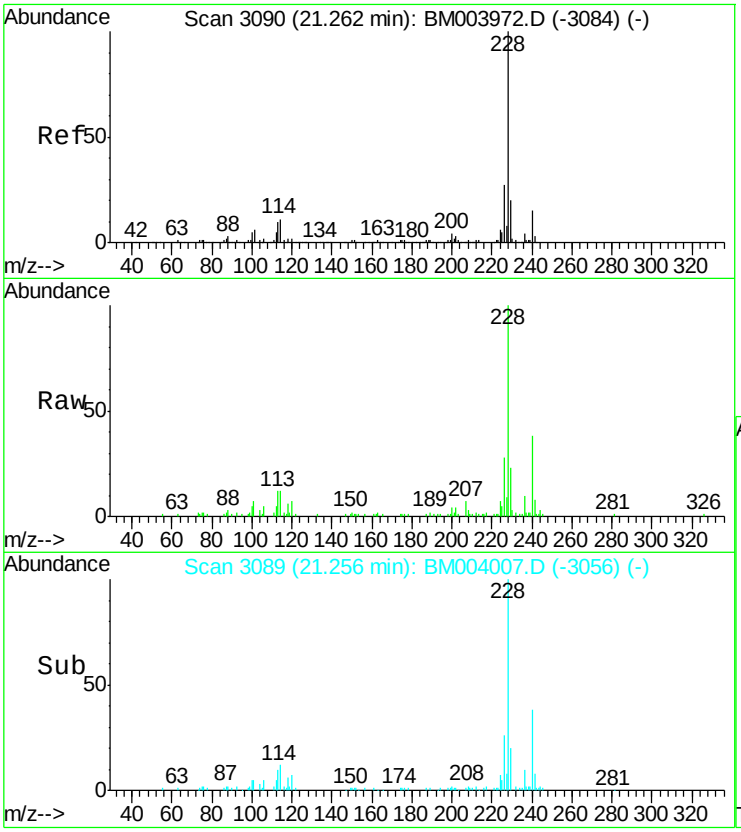


#80
Pyrene
Concen: 9.05 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Tgt Ion:202 Resp: 142811

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.8	8.5	12.7



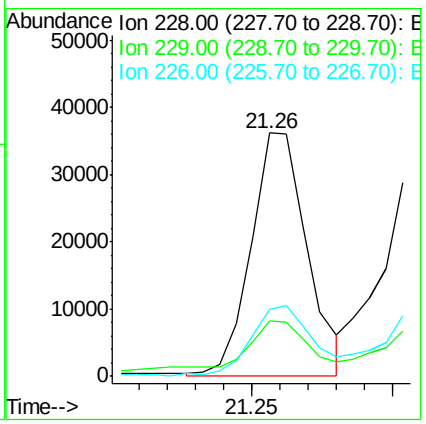


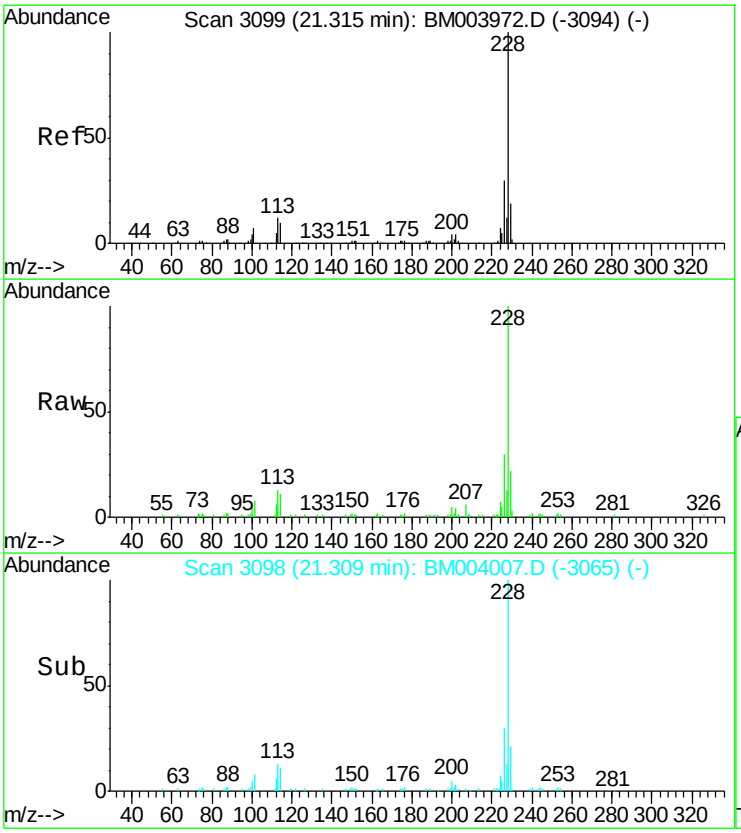
#83
Benzo(a)anthracene
Concen: 3.59 ng/ul
RT: 21.26 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 49625

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.7	23.5
226	27.7	21.8	32.6

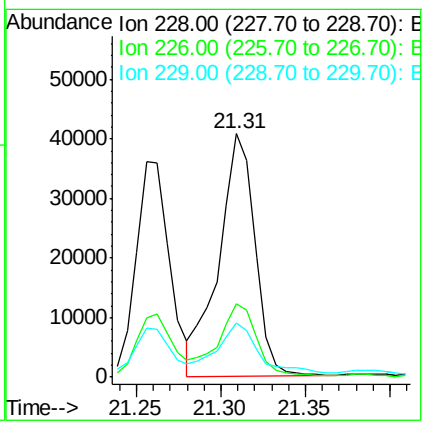


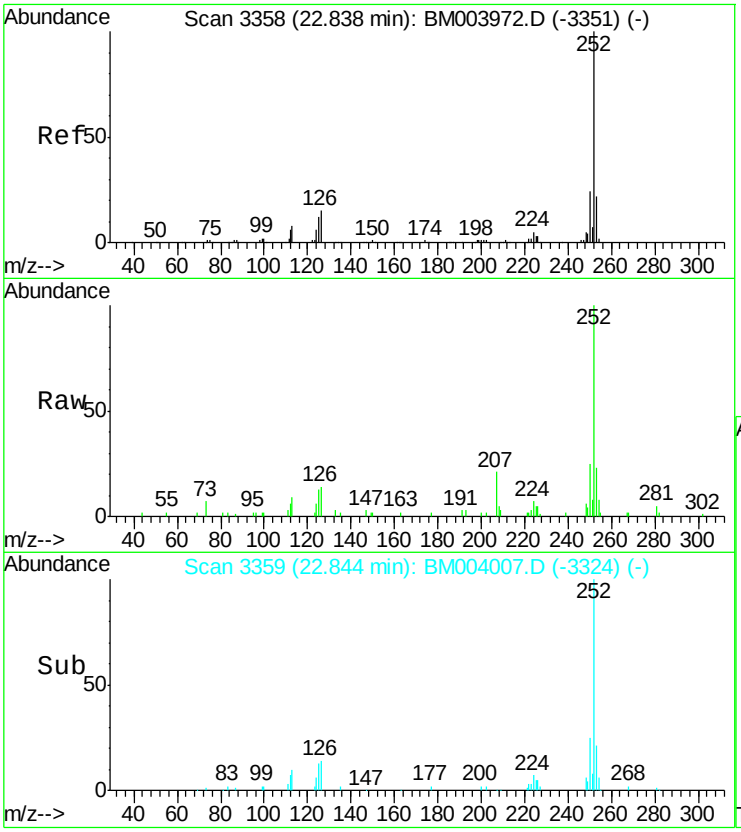


#85
Chrysene
Concen: 4.62 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Tgt Ion:228 Resp: 60798

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.0	36.0
229	22.4	15.6	23.4



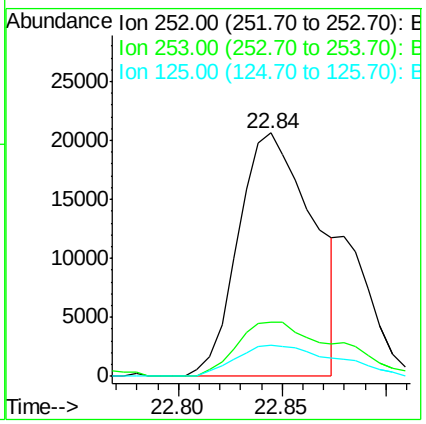


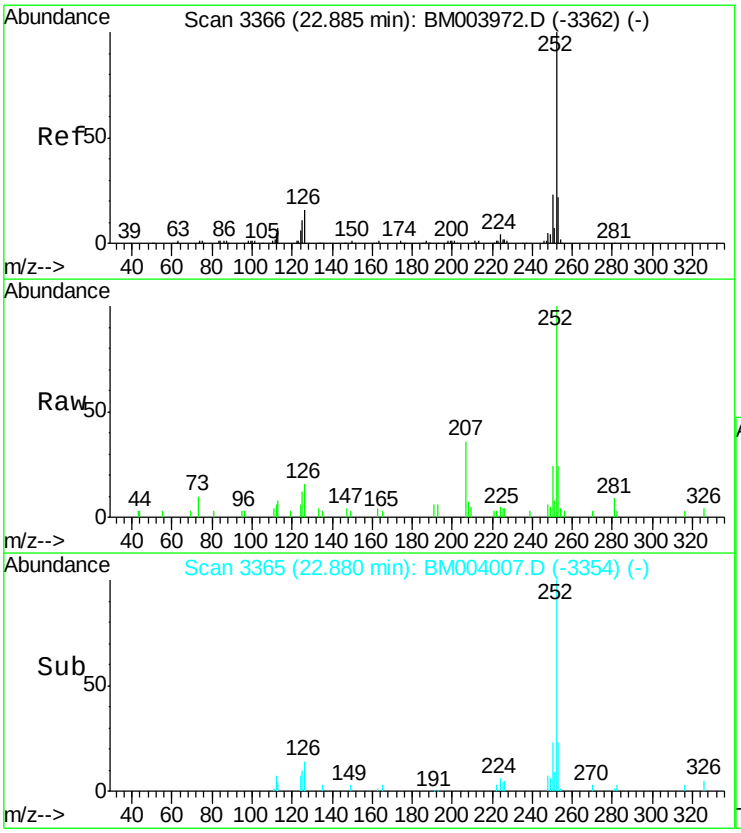
#88
Benzo(b)fluoranthene
Concen: 4.46 ng/ul m
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 51747

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.8	8.5	12.7#

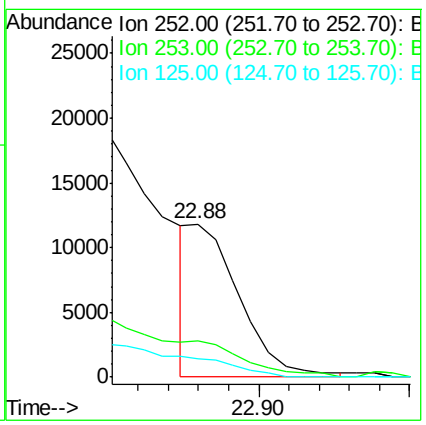


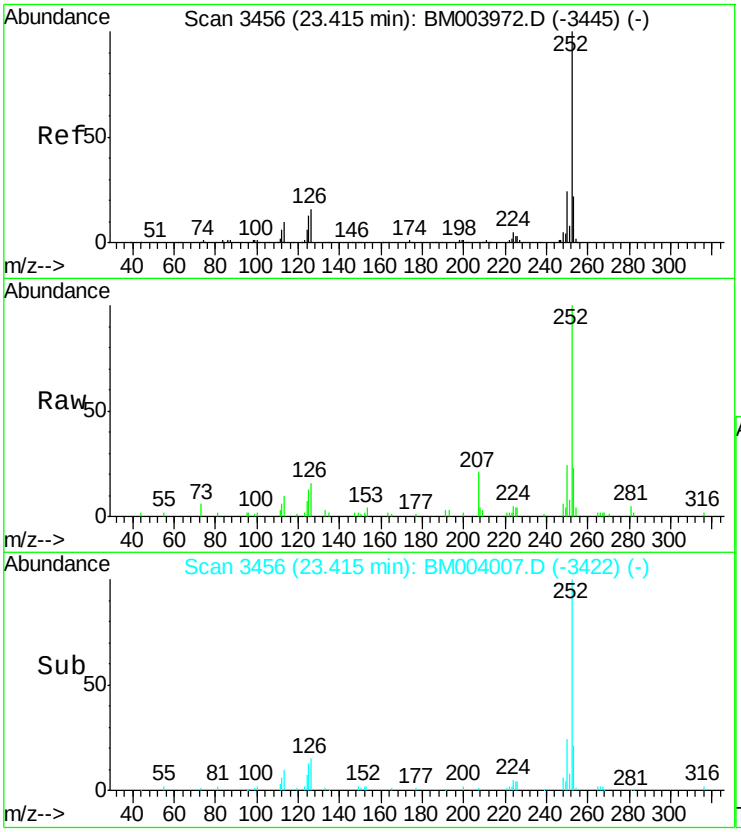


#89
Benzo(k)fluoranthene
Concen: 1.22 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Tgt Ion:252 Resp: 13449

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	12.3	8.2	12.2#



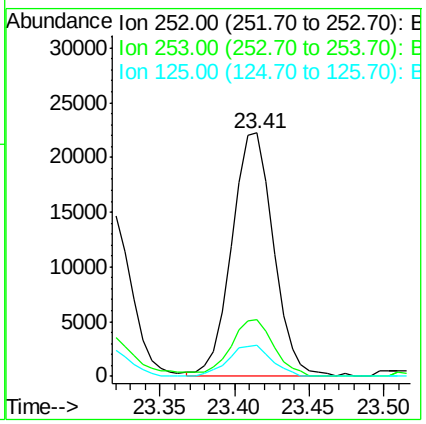


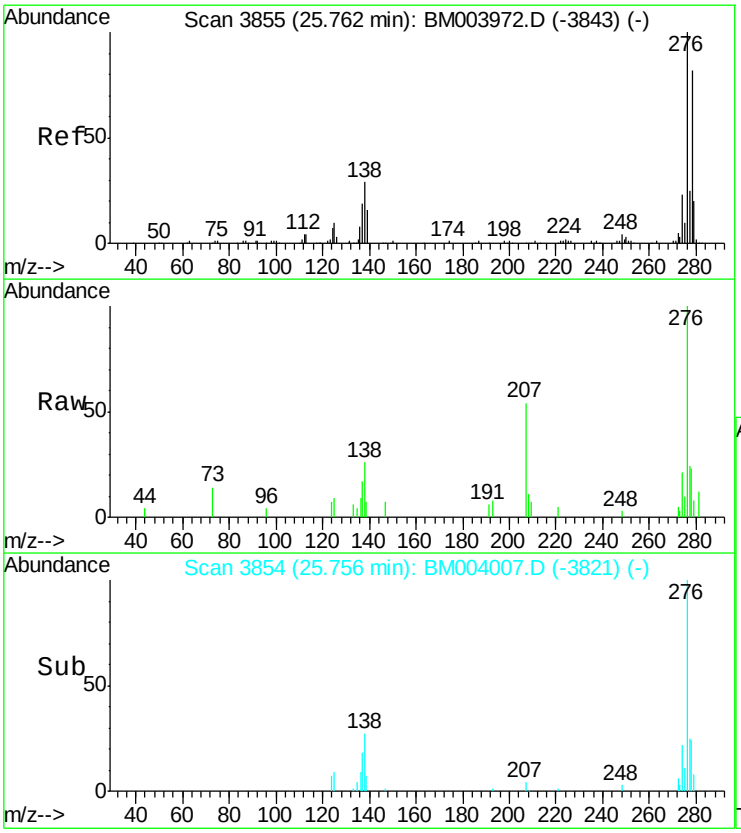
#91
Benzo(a)pyrene
Concen: 3.93 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 43277

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	12.6	9.0	13.6

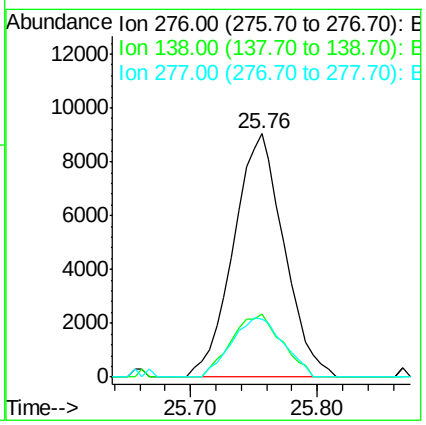


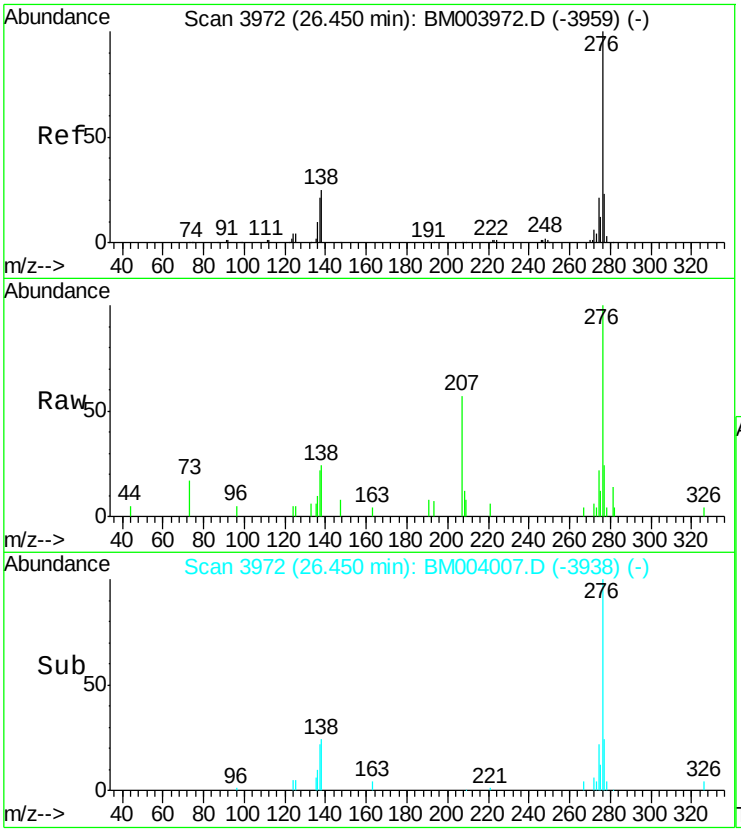


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.06 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Tgt Ion:276 Resp: 25037

Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.3	33.5
277	23.8	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.48 ng/ul
RT: 26.45 min Scan# 3972
Delta R.T. 0.00 min
Lab File: BM004007.D
Acq: 14 Jan 2016 05:14

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 25395

Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.9	28.3
277	23.7	19.2	28.8