Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011416\
Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 14 13:04:37 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	47722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	226242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	132461	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	287709	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	245837	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	208351	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3765	3.53	ng/uL	0.00
5) Phenol-d5	6.84	99	91568	23.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	55659	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	78684	24.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	75763	23.60	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	41004	24.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	44587	23.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	77943	23.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	107627	24.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	269558	25.92	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	333098	26.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	34375	18.40	ng/ul	0.00
58) Fluorene-d10	15.32	176	238878	27.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	27732	17.09	ng/ul	0.00
71) Anthracene-d10	17.17	188	369551	27.77	ng/ul	0.00
79) Pyrene-d10	19.47	212	383221	30.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	294937	28.34	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	153998	14.53	ng/ul	99
70) Phenanthrene	17.11	178	44979	2.78	ng/ul	100
77) Fluoranthene	19.14	202	86208	5.13	ng/ul	100
80) Pyrene	19.50	202	116476	6.98	ng/ul	99
83) Benzo(a)anthracene	21.26	228	42835	2.93	ng/ul	96
85) Chrysene	21.31	228	50890	3.66	ng/ul	97
88) Benzo(b)fluoranthene	22.84	252	45282	3.57	ng/ul#	98
89) Benzo(k)fluoranthene	22.88	252	12566m	1.04	ng/ul	
91) Benzo(a)pyrene	23.41	252	36609	3.05	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.76	276	21079	1.59	ng/ul	93
94) Benzo(g,h,i)perylene	26.44	276	21828	1.96	ng/ul	97

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

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Data File : BM004009.D
Acq On : 14 Jan 2016 06:25
Operator : SJ/UM
Sample : H1098-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 14 13:04:37 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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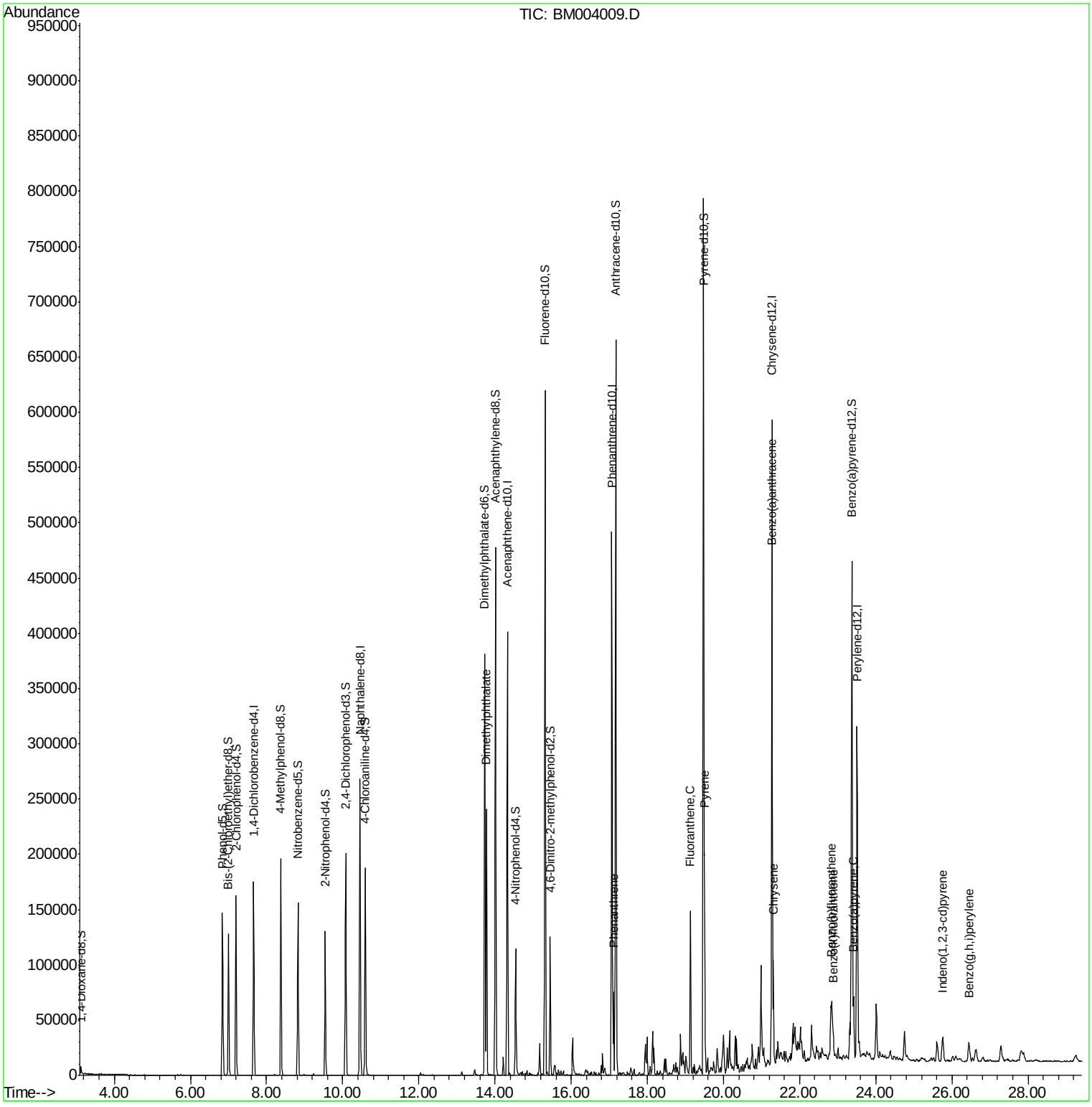
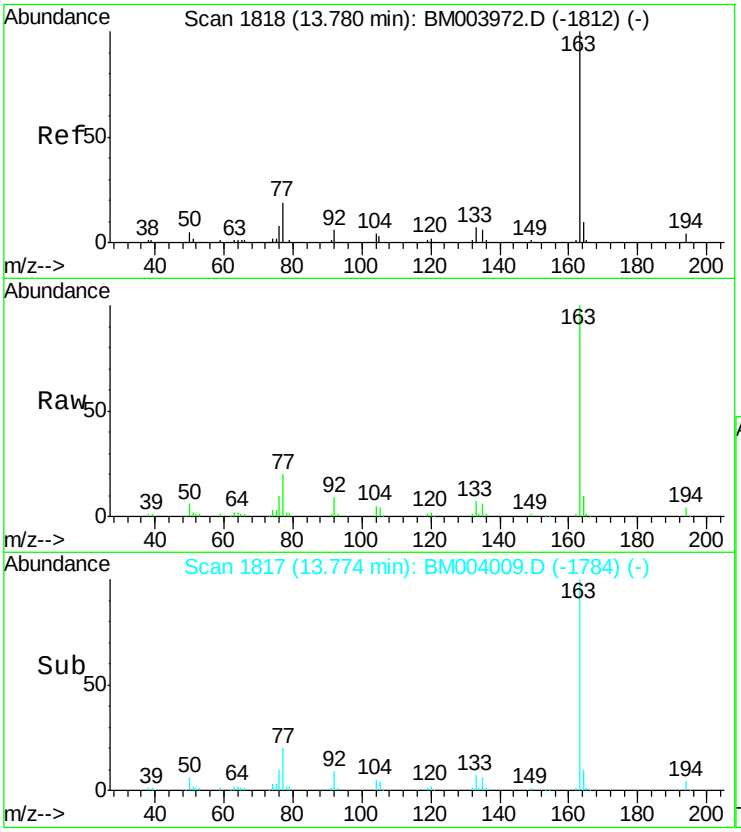


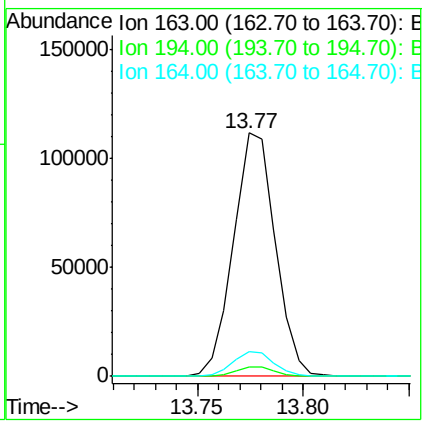


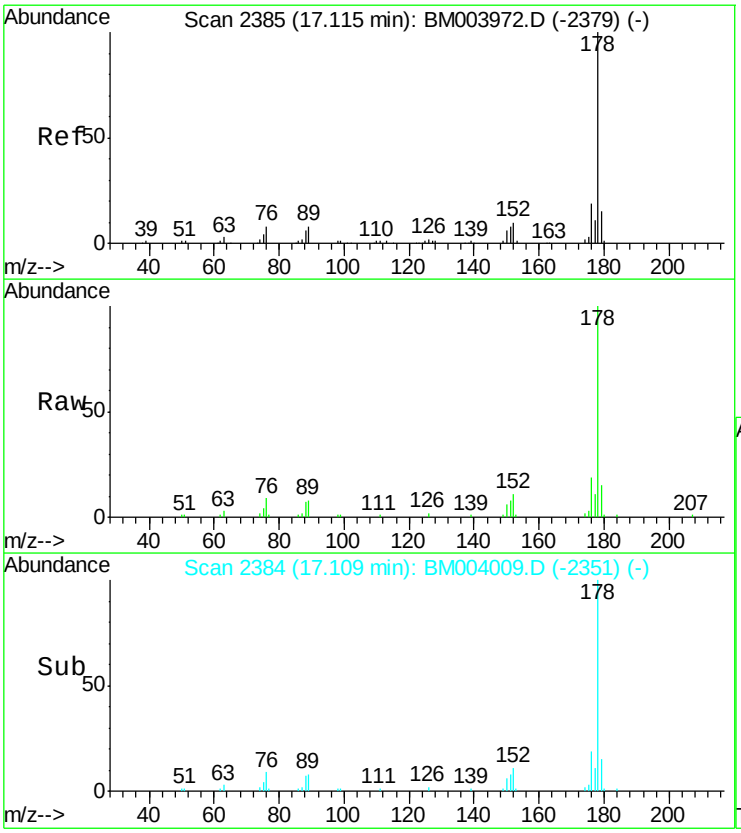
#45
Dimethylphthalate
Concen: 14.53 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 153998

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.4	7.8	11.8

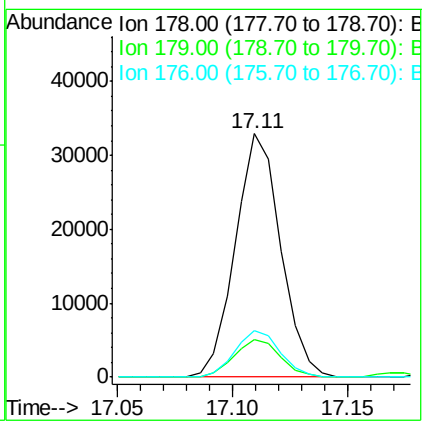


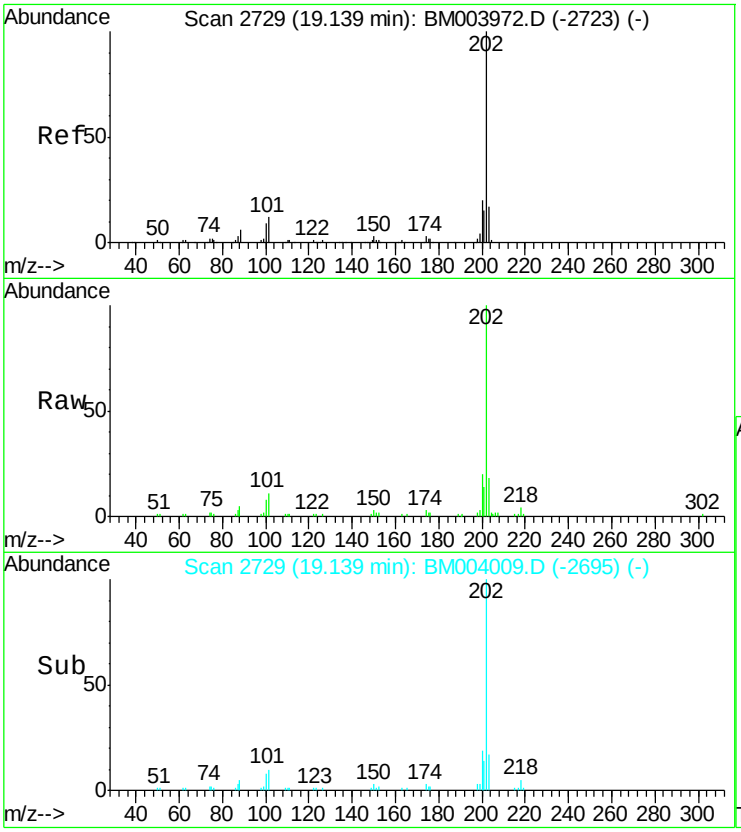


#70
Phenanthrene
Concen: 2.78 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Tgt Ion:178 Resp: 44979

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.3	15.6	23.4



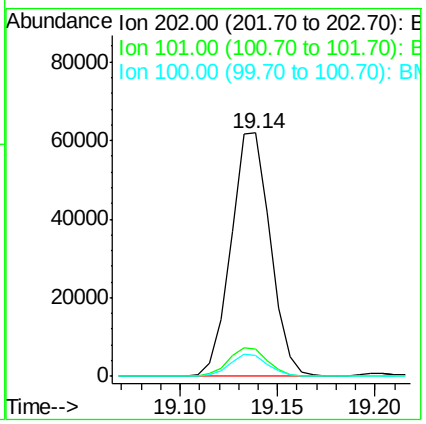


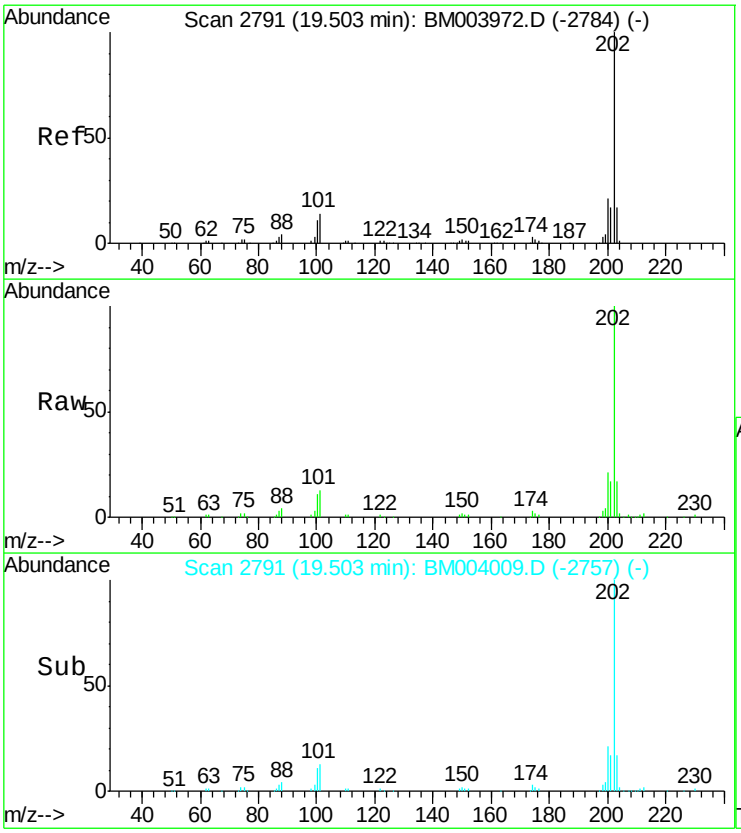
#77
Fluoranthene
Concen: 5.13 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 86208

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.8	13.2
100	8.4	6.6	9.8

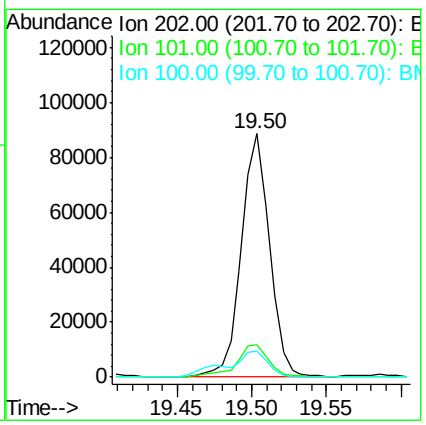


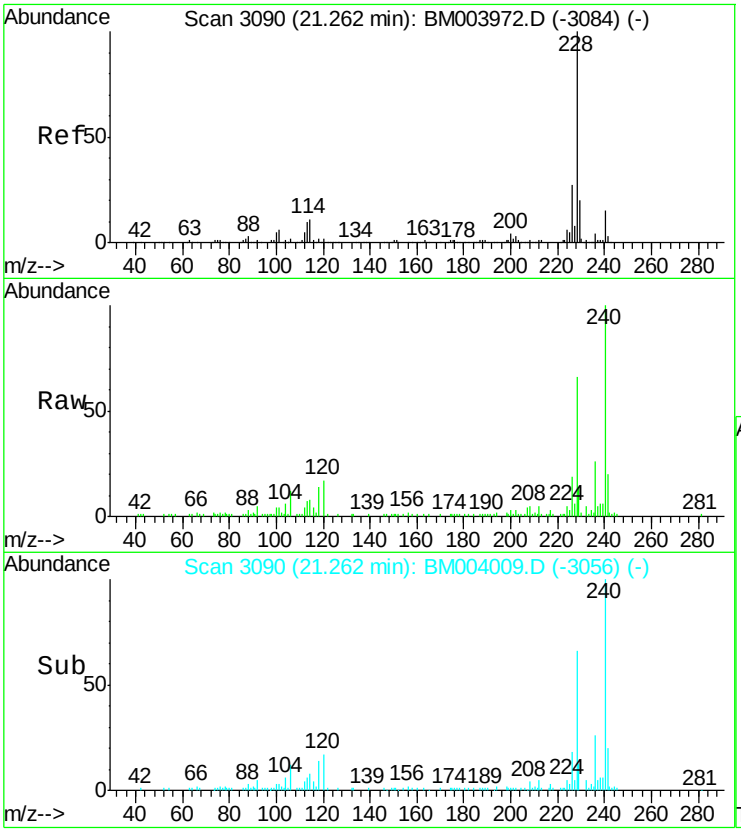


#80
Pyrene
Concen: 6.98 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Tgt Ion:202 Resp: 116476

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.7	8.5	12.7



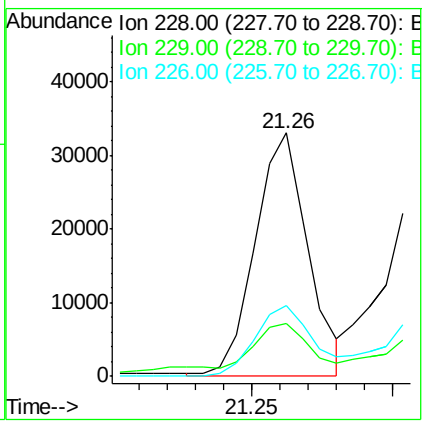


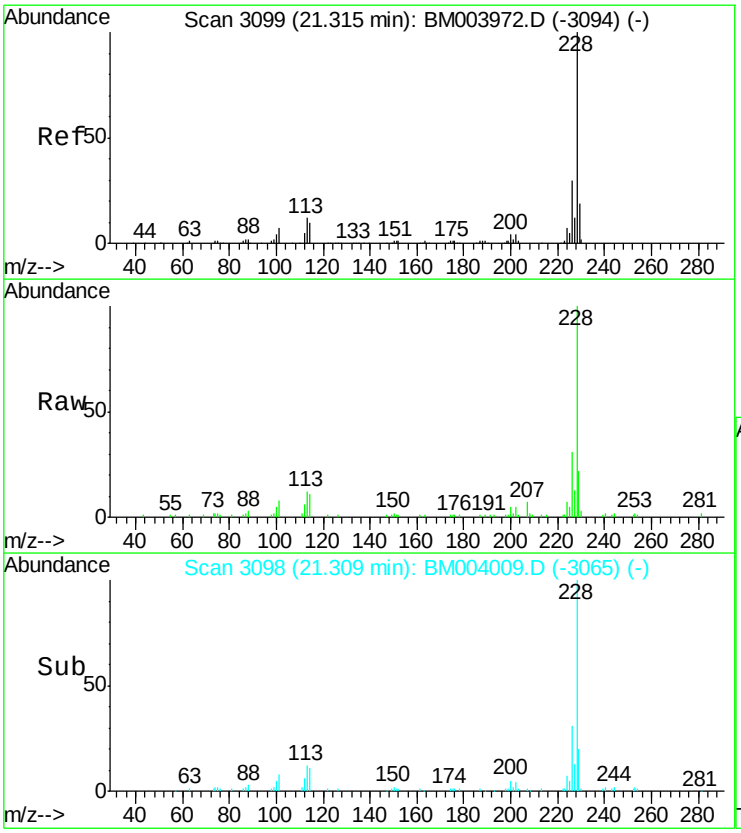
#83
Benzo(a)anthracene
Concen: 2.93 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 42835

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	29.2	21.8	32.6

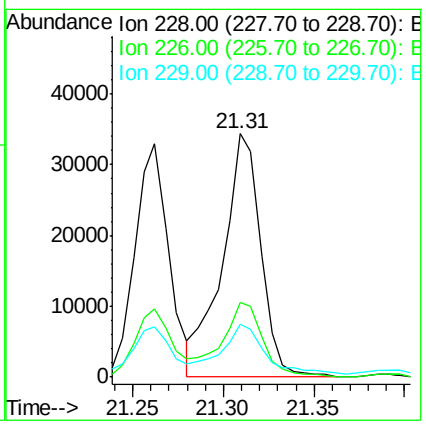


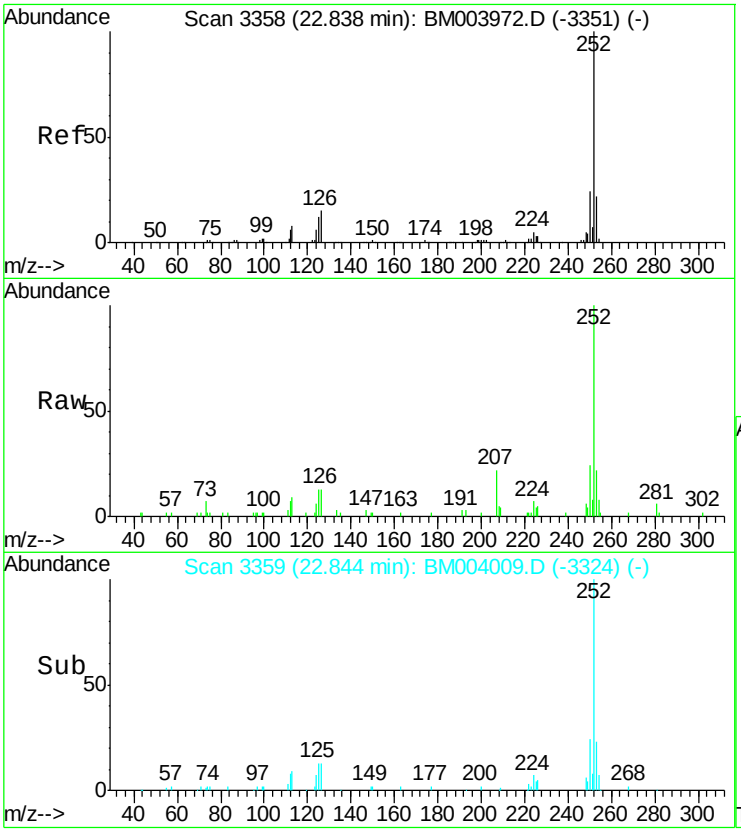


#85
Chrysene
Concen: 3.66 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Tgt Ion:228 Resp: 50890

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.0	36.0
229	21.7	15.6	23.4



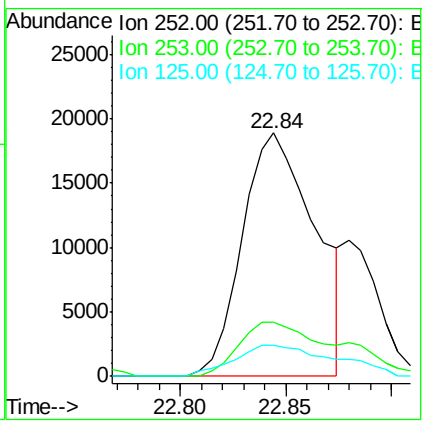


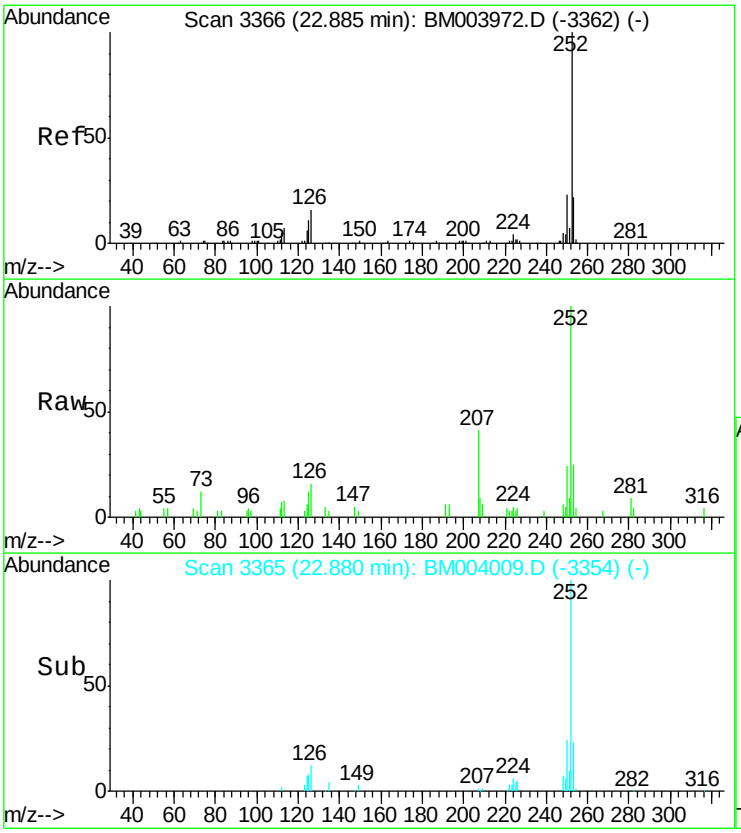
#88
Benzo(b)fluoranthene
Concen: 3.57 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 45282

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	12.8	8.5	12.7#

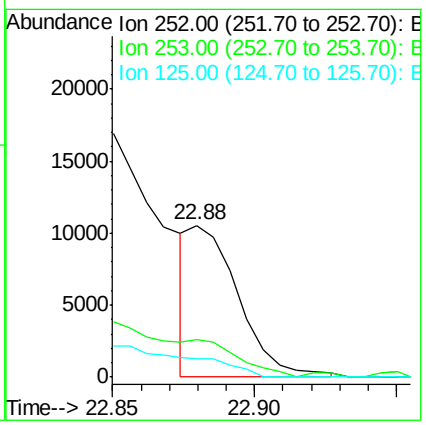


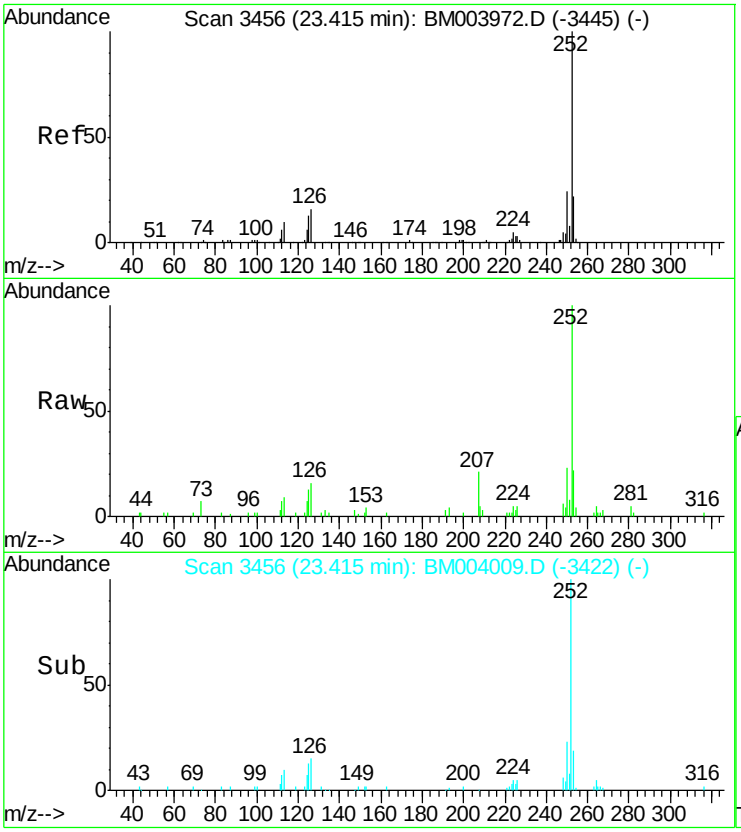


#89
Benzo(k)fluoranthene
Concen: 1.04 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Tgt Ion:252 Resp: 12566

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.3	25.9
125	12.5	8.2	12.2#



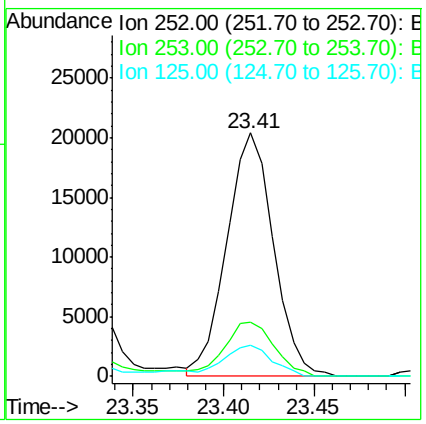


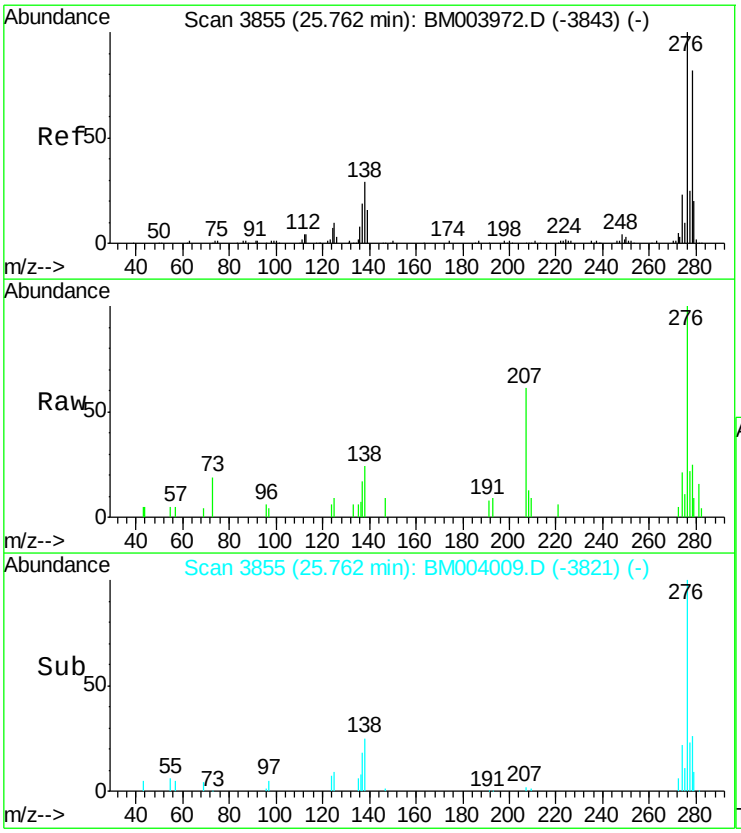
#91
Benzo(a)pyrene
Concen: 3.05 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 36609

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	12.7	9.0	13.6

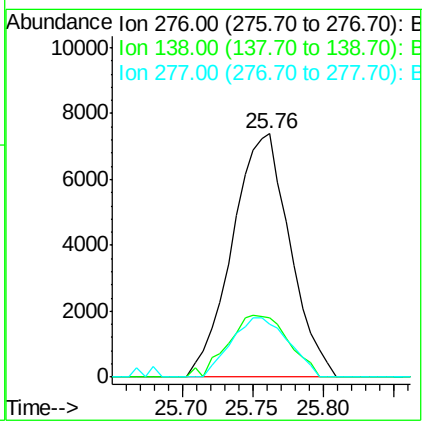


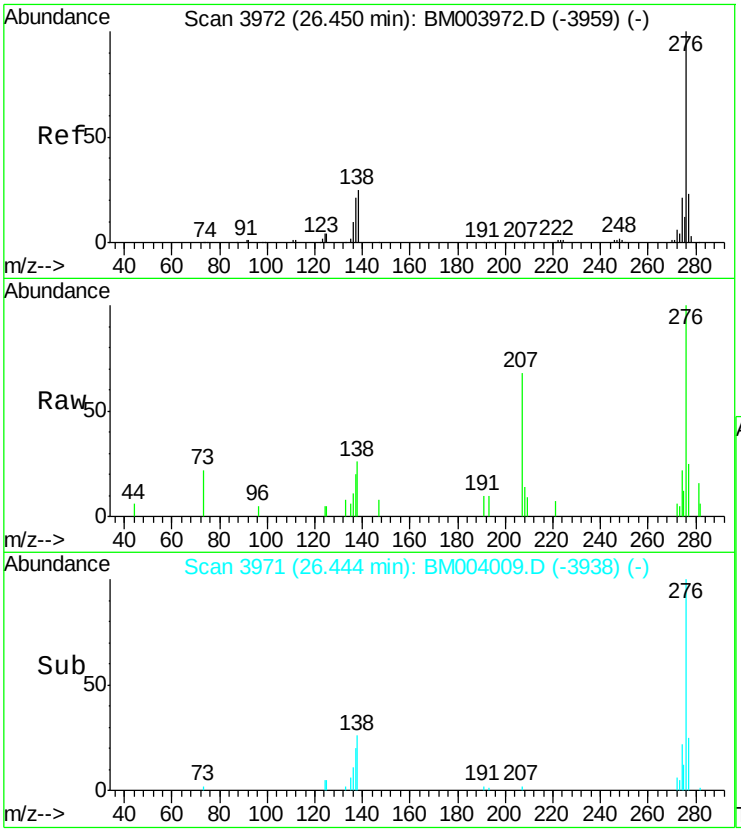


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.59 ng/ul
RT: 25.76 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Tgt Ion:276 Resp: 21079

Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.3	33.5
277	22.0	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 1.96 ng/ul
RT: 26.44 min Scan# 3971
Delta R.T. -0.01 min
Lab File: BM004009.D
Acq: 14 Jan 2016 06:25

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 21828

Ion	Ratio	Lower	Upper
276	100		
138	25.6	18.9	28.3
277	24.7	19.2	28.8