Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005764.D
Acq On : 13 Jun 2016 00:27
Operator : UM/SJ
Sample : H3536-12
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y22

Quant Time: Jun 13 03:33:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	114626	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	575828	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	312861	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	536527	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	439375	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	459613	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	4235	1.60	ng/uL	0.00
3) Phenol-d5	6.93	99	162184	16.40	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	127478	21.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	162981	20.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	91985	11.01	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	89110	21.47	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	100918	21.51	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	172003	20.21	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	116448	11.34	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	584849	22.67	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	736466	23.33	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	36227	9.60	ng/ul	0.00
21) Fluorene-d10	15.39	176	476650	21.82	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	14376	5.18	ng/ul	0.00
26) Anthracene-d10	17.24	188	573622	22.70	ng/ul	0.00
30) Pyrene-d10	19.53	212	511753	24.24	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	501301	23.91	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.18	178	56484	1.92	ng/ul	99
28) Fluoranthene	19.20	202	124021	3.60	ng/ul	97
31) Pyrene	19.56	202	108658	4.06	ng/ul	98
32) Benzo(a)anthracene	21.30	228	68632	2.71	ng/ul	96
33) Chrysene	21.36	228	65876	2.63	ng/ul	96
35) Benzo(b)fluoranthene	22.90	252	109138	4.00	ng/ul#	97
36) Benzo(k)fluoranthene	22.90	252	109138	3.96	ng/ul#	96
38) Benzo(a)pyrene	23.48	252	78501	3.03	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.87	276	64112	2.53	ng/ul	95
41) Benzo(g,h,i)perylene	26.57	276	61606	2.91	ng/ul	97

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
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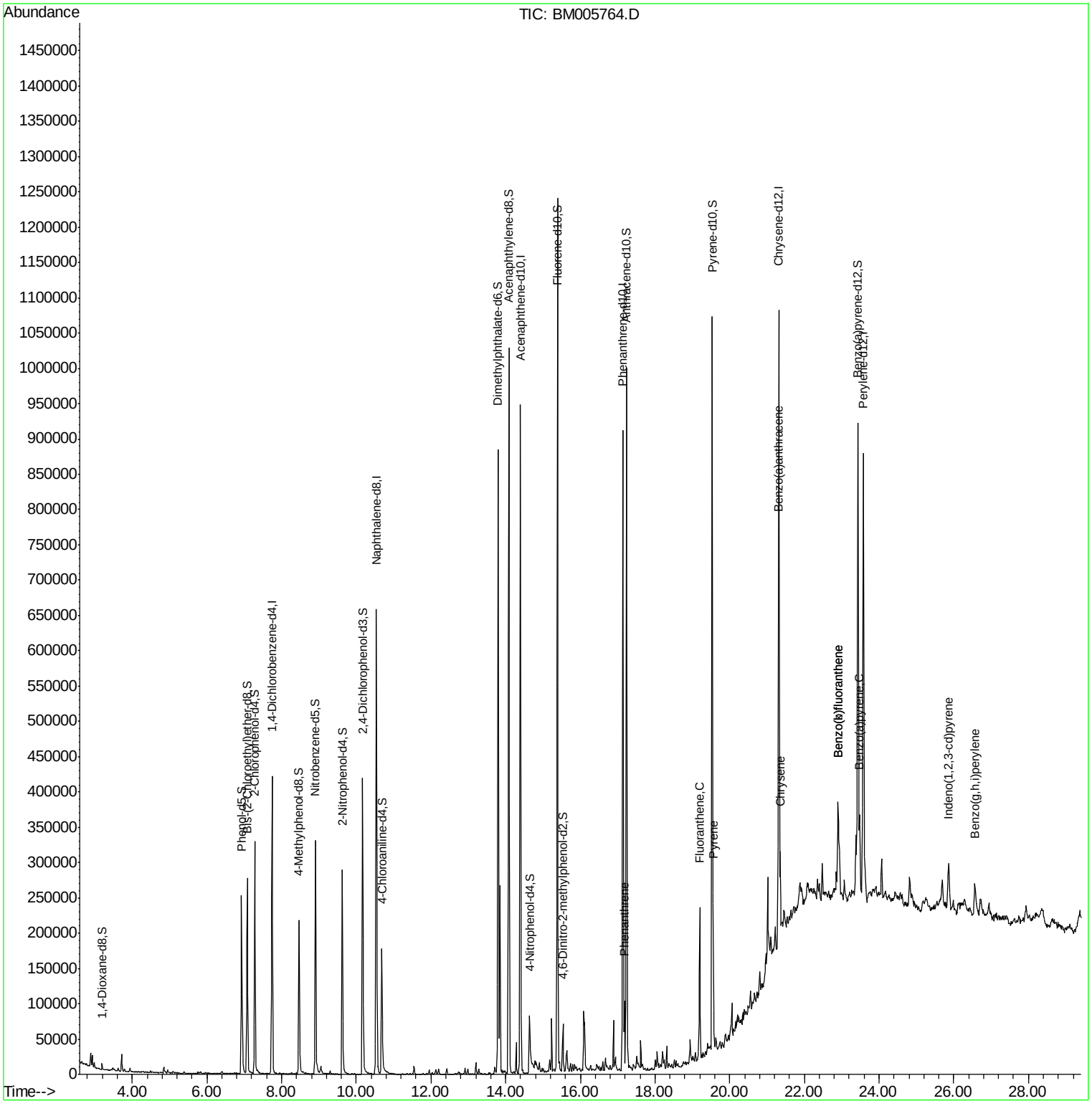
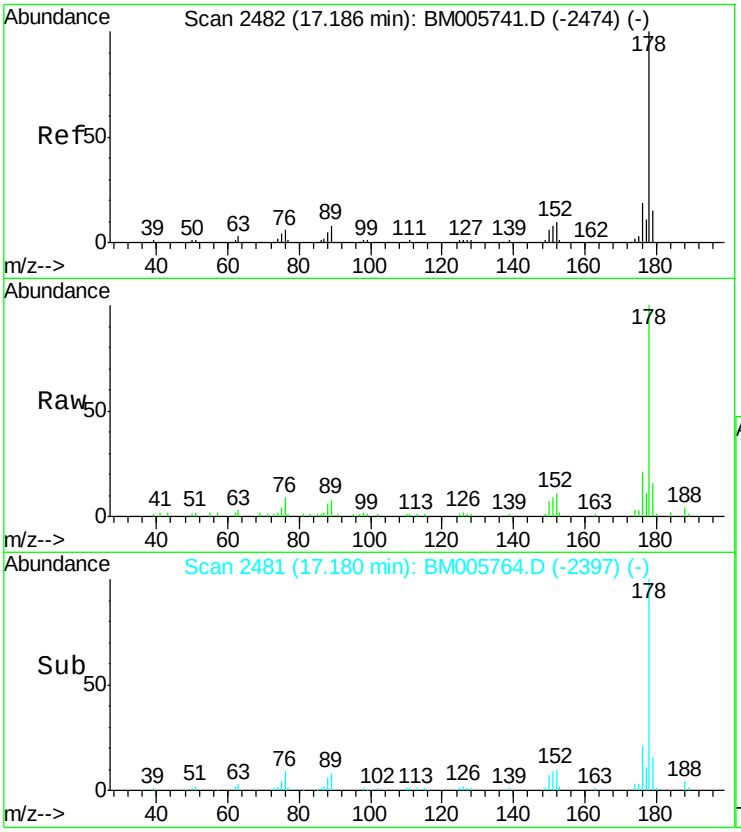


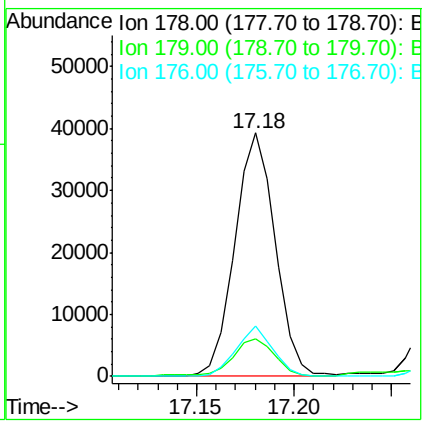


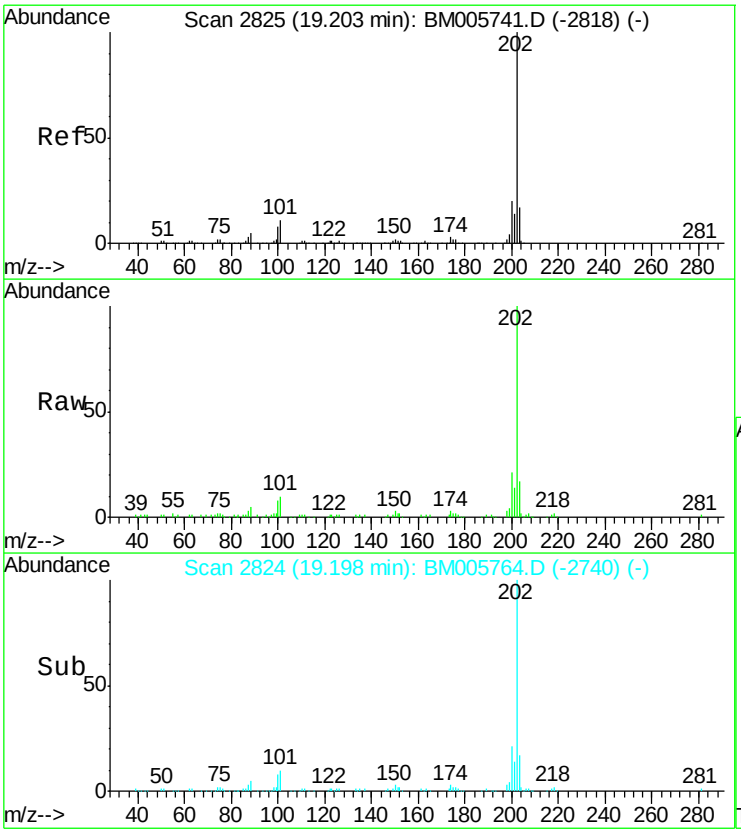
#25
Phenanthrene
Concen: 1.92 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Instrument :
BNA_M
ClientSampleId :
D9Y22

Tgt Ion:178 Resp: 56484

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	20.6	15.8	23.6

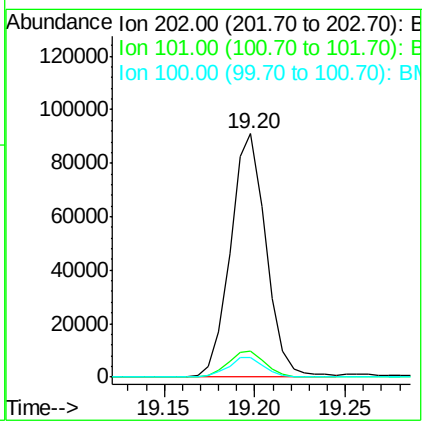


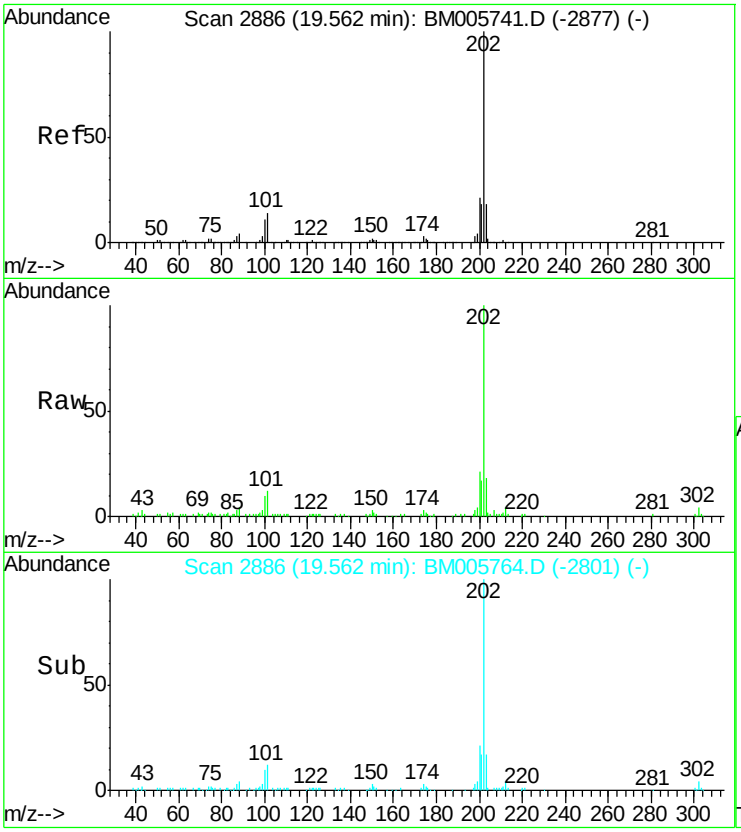


#28
Fluoranthene
Concen: 3.60 ng/ul
RT: 19.20 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Tgt Ion:202 Resp: 124021

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.4	14.2
100	8.1	6.9	10.3



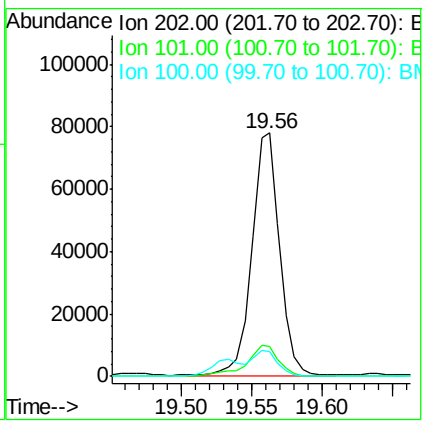


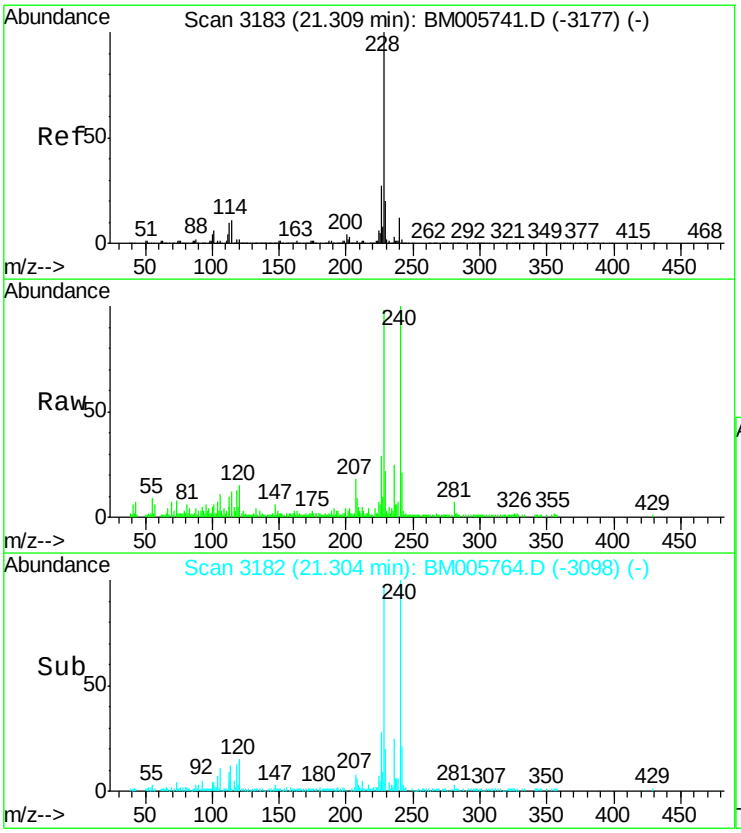
#31
Pyrene
Concen: 4.06 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Instrument :
BNA_M
ClientSampleId :
D9Y22

Tgt Ion:202 Resp: 108658

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.6	15.8
100	10.0	8.4	12.6

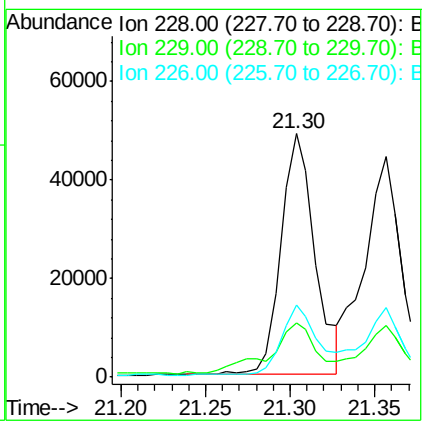


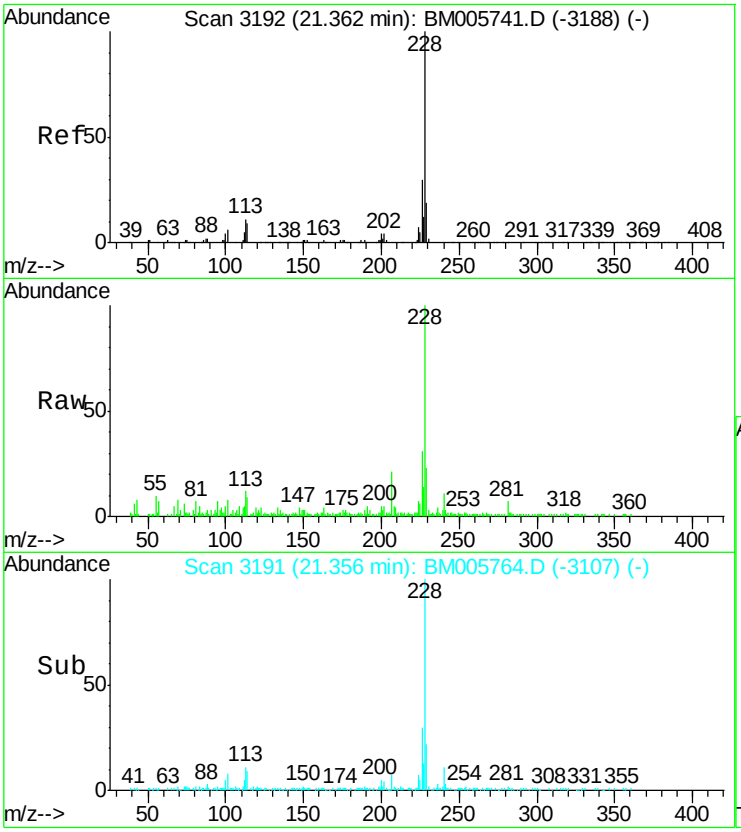


#32
Benzo(a)anthracene
Concen: 2.71 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Tgt Ion:228 Resp: 68632

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.1	24.1
226	29.6	22.1	33.1



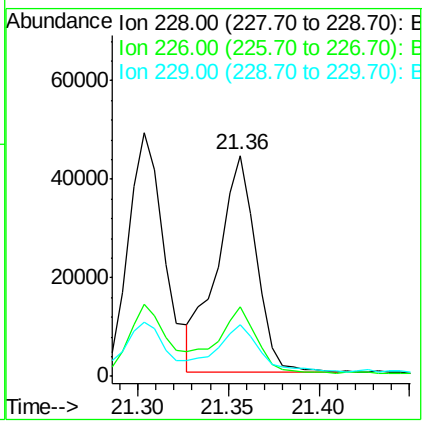


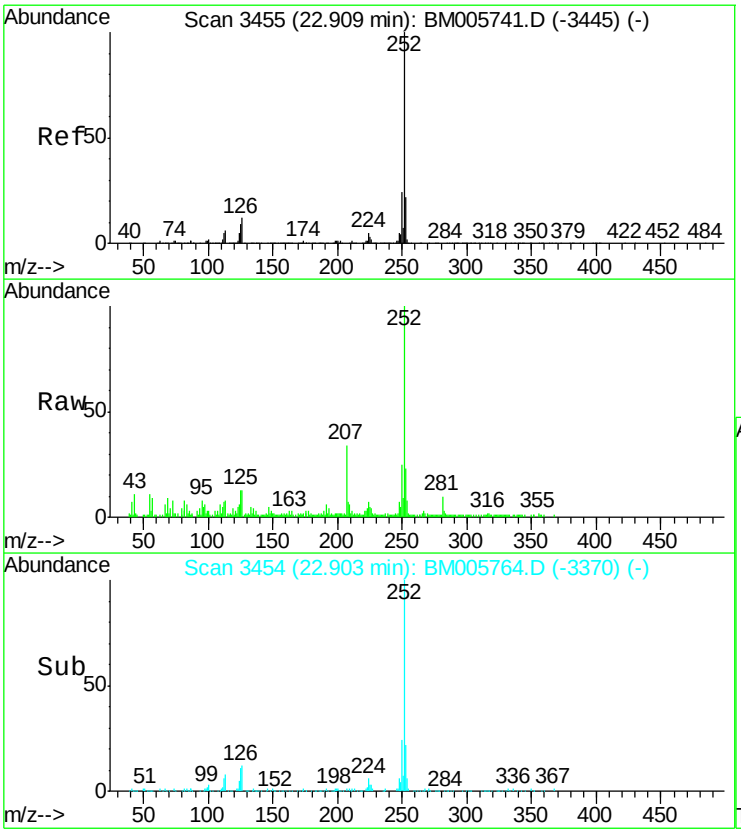
#33
Chrysene
Concen: 2.63 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Instrument :
BNA_M
ClientSampleId :
D9Y22

Tgt Ion:228 Resp: 65876

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.2	36.2
229	23.4	15.8	23.8

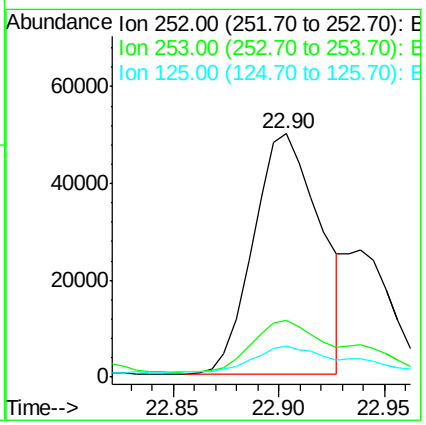


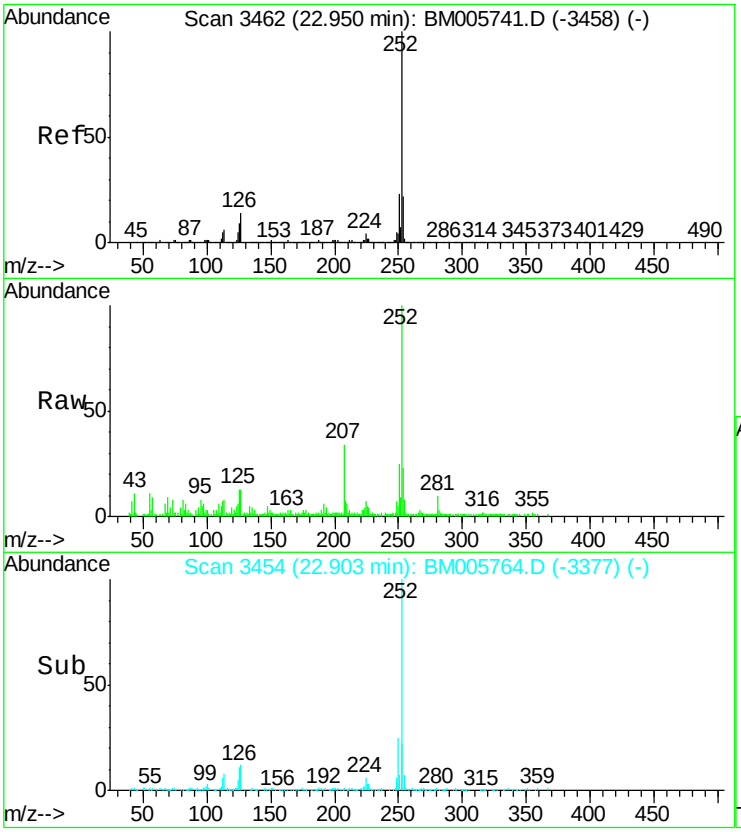


#35
Benzo(b)fluoranthene
Concen: 4.00 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Tgt Ion:252 Resp: 109138

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.7	8.4	12.6#



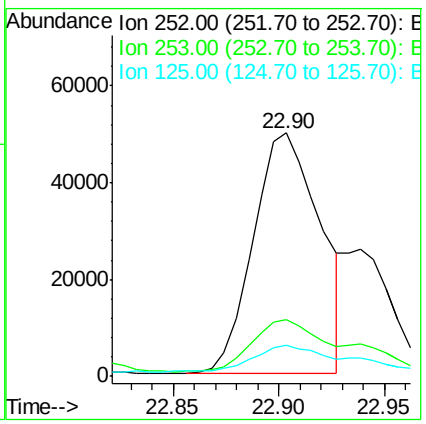


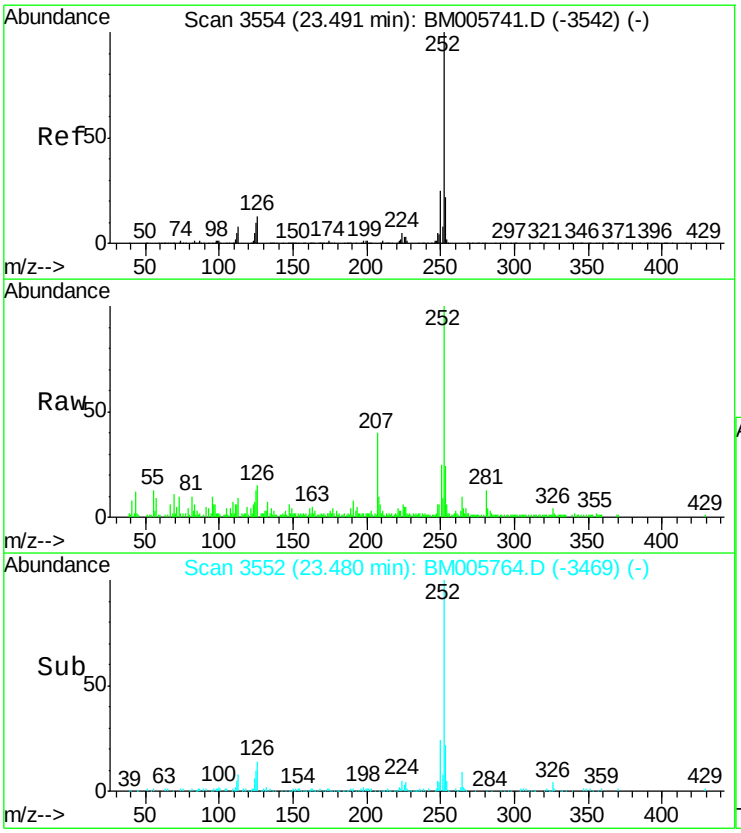
#36
Benzo(k)fluoranthene
Concen: 3.96 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. -0.05 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Instrument :
BNA_M
ClientSampleId :
D9Y22

Tgt Ion:252 Resp: 109138

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.7	8.2	12.2#

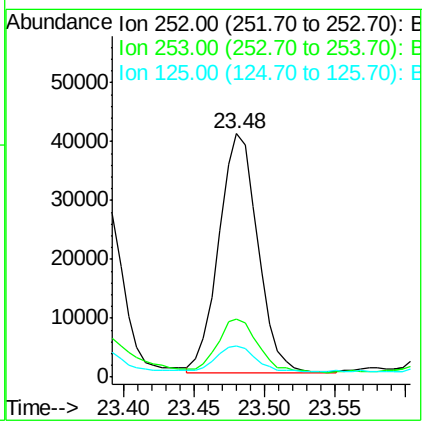


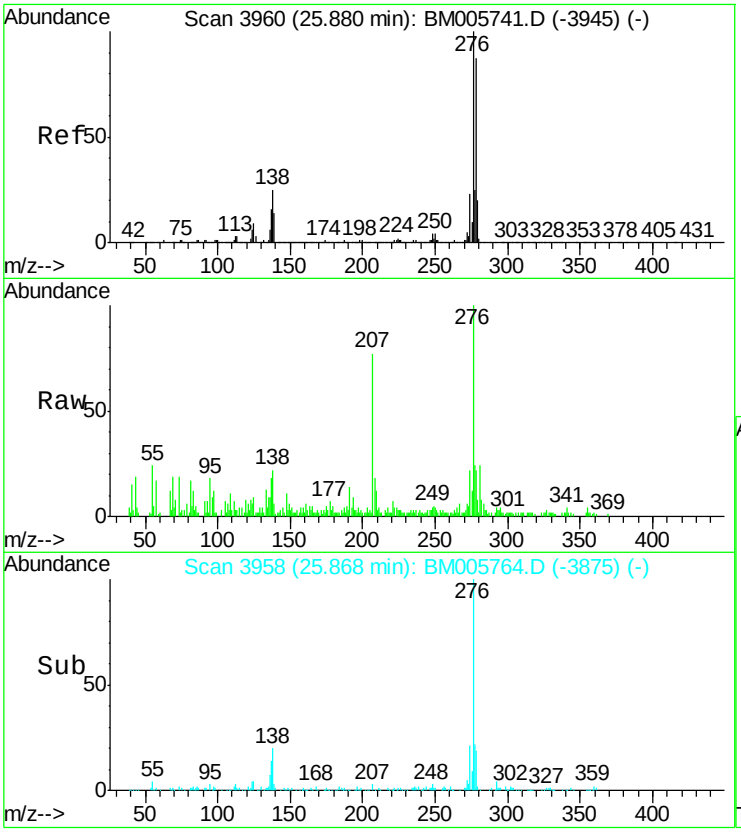


#38
Benzo(a)pyrene
Concen: 3.03 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Tgt Ion:252 Resp: 78501

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	12.7	9.1	13.7



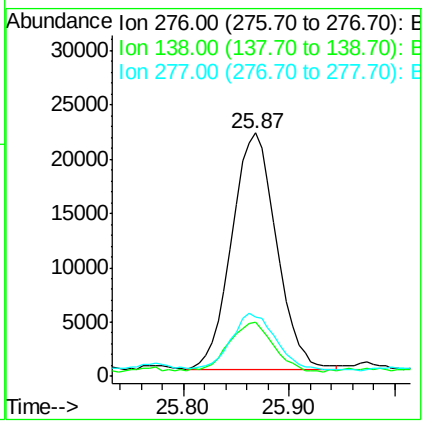


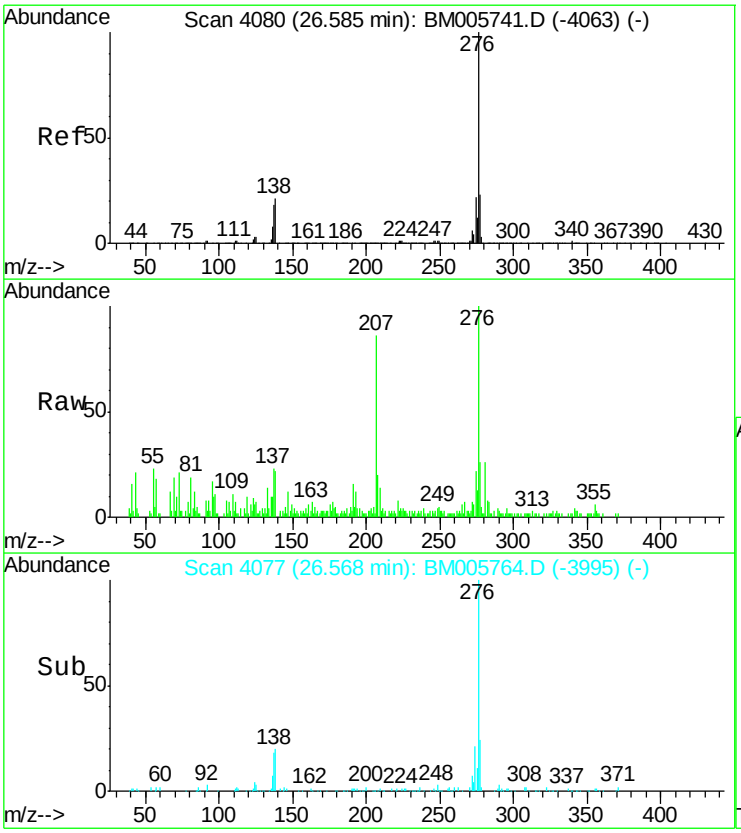
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.53 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Instrument :
BNA_M
ClientSampleId :
D9Y22

Tgt Ion:276 Resp: 64112

Ion	Ratio	Lower	Upper
276	100		
138	22.4	21.4	32.2
277	24.4	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 2.91 ng/ul
RT: 26.57 min Scan# 4077
Delta R.T. -0.02 min
Lab File: BM005764.D
Acq: 13 Jun 2016 00:27

Tgt Ion:276 Resp: 61606

Ion	Ratio	Lower	Upper
276	100		
138	22.1	18.2	27.4
277	26.4	19.5	29.3