Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005693.D
Acq On : 07 Jun 2016 15:32
Operator : UM/SJ
Sample : H3412-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS6

Quant Time: Jun 08 01:24:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	115484	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	591562	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	374090	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	877344	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	964092	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	904655	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	2522	0.92	ng/uL	0.00
3) Phenol-d5	6.93	99	79821	7.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	64528	10.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	74047	8.84	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	32552	4.05	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	42645	9.39	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	44333	9.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	69999	8.10	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	88423	8.61	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	294948	10.26	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	363050	9.71	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	25027	6.08	ng/ul	0.00
21) Fluorene-d10	15.39	176	263463	10.67	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	17140	4.15	ng/ul	0.00
26) Anthracene-d10	17.24	188	402160	9.65	ng/ul	0.00
30) Pyrene-d10	19.54	212	465248	9.60	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	404201	9.71	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.20	202	117062	2.36	ng/ul	98
31) Pyrene	19.57	202	102973	1.69	ng/ul	97
32) Benzo(a)anthracene	21.32	228	86118	1.52	ng/ul	96
33) Chrysene	21.36	228	90564	1.70	ng/ul	99
35) Benzo(b)fluoranthene	22.91	252	129376	2.37	ng/ul#	98
36) Benzo(k)fluoranthene	22.91	252	129376	2.53	ng/ul#	97
38) Benzo(a)pyrene	23.49	252	65709	1.25	ng/ul#	96

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

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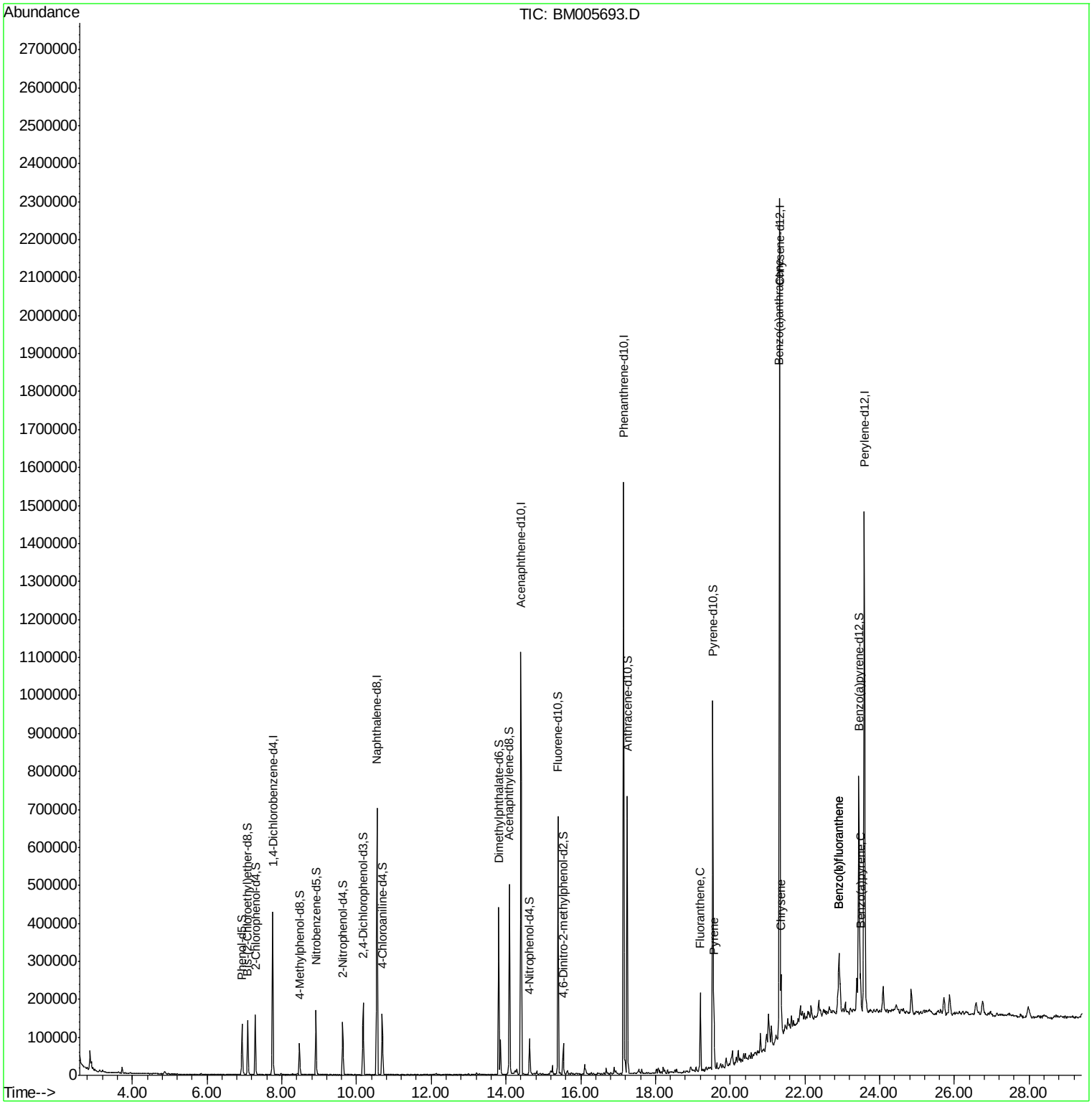
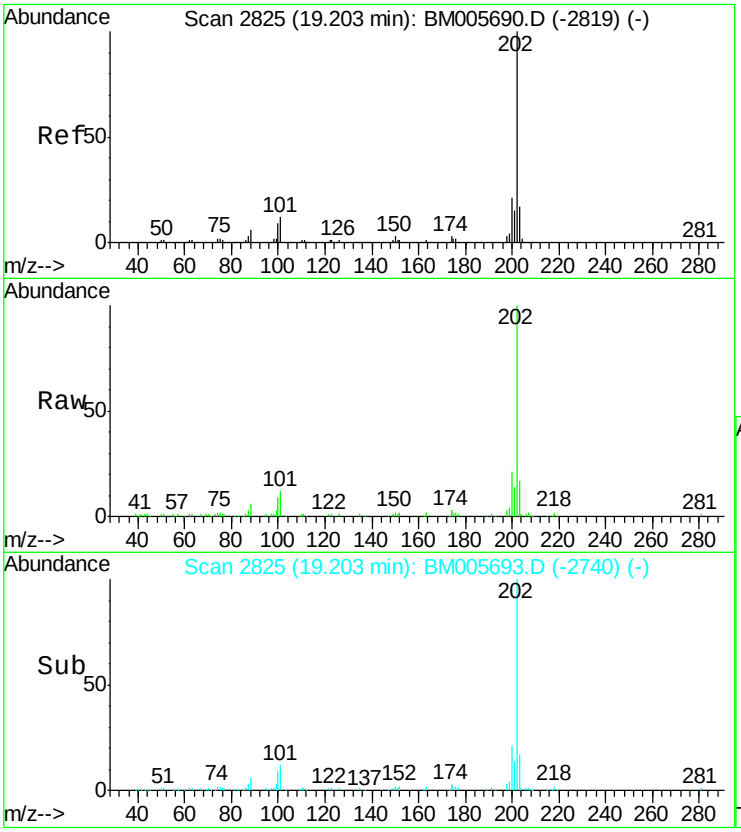


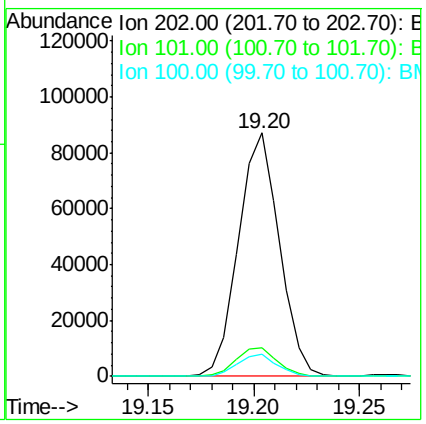


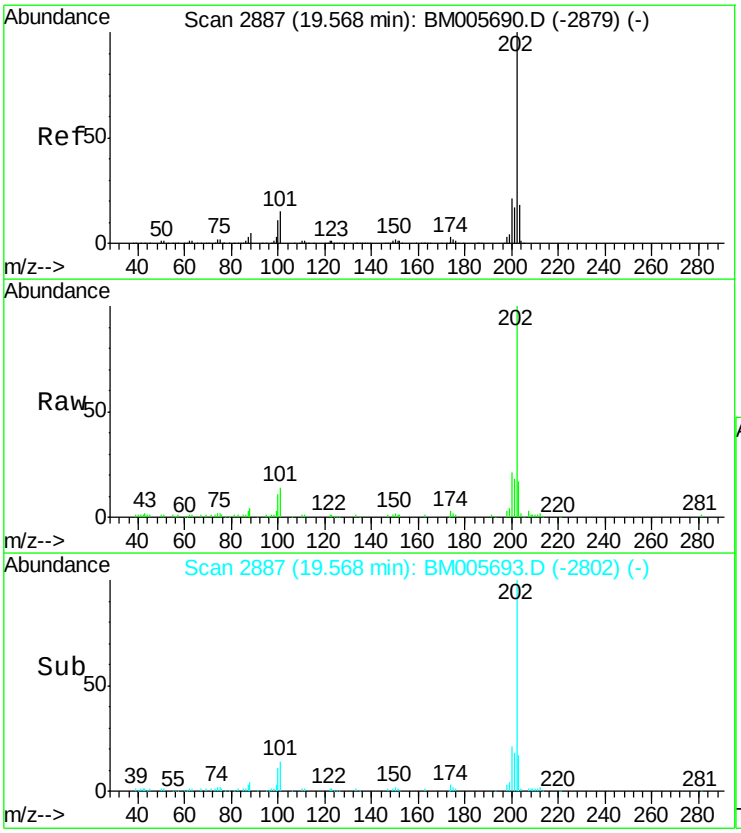
#28
Fluoranthene
Concen: 2.36 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:202 Resp: 117062

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	8.9	7.0	10.4

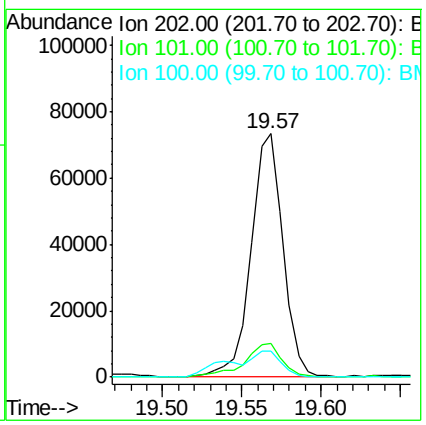


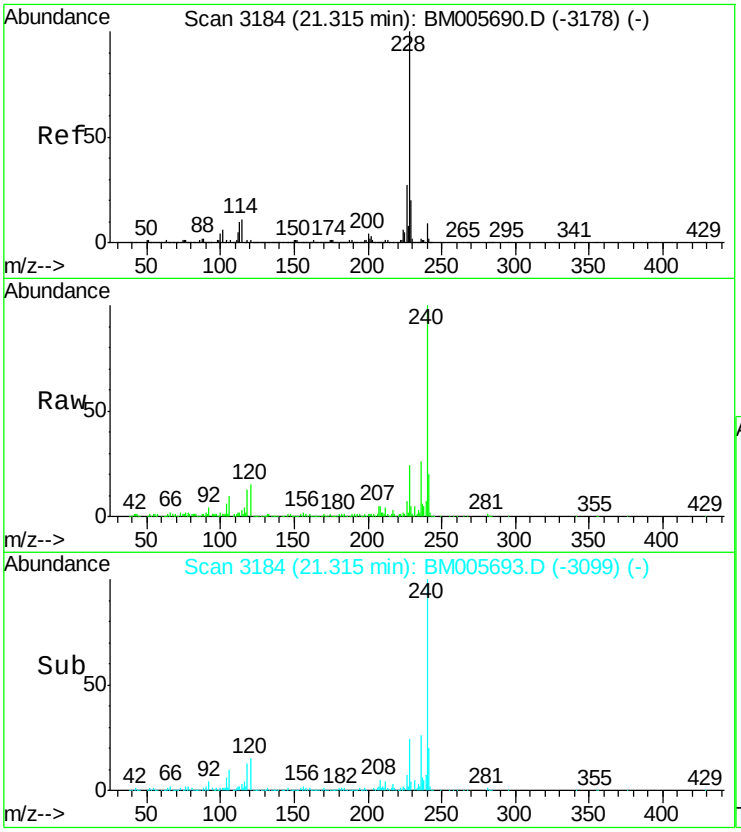


#31
Pyrene
Concen: 1.69 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Tgt Ion:202 Resp: 102973

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	10.7	9.3	13.9



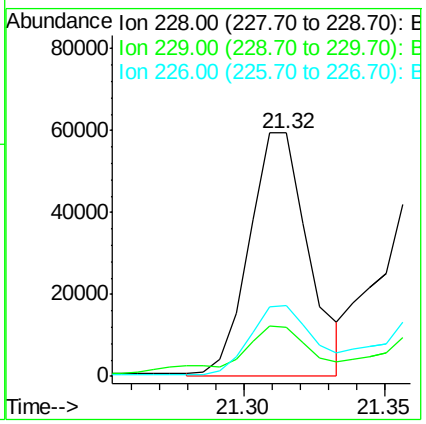


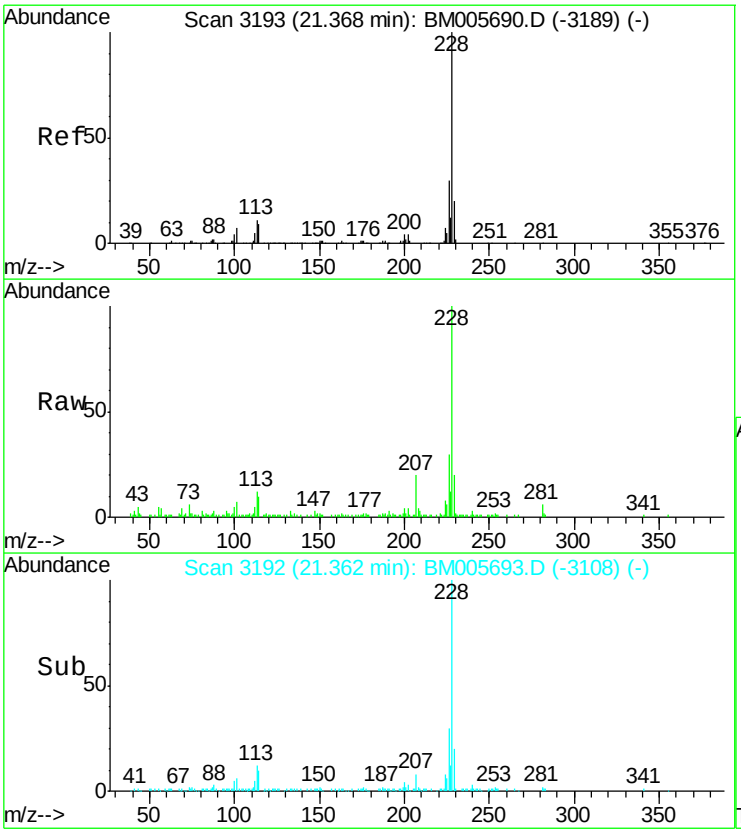
#32
Benzo(a)anthracene
Concen: 1.52 ng/ul
RT: 21.32 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:228 Resp: 86118

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.6	25.0
226	29.3	21.0	31.4

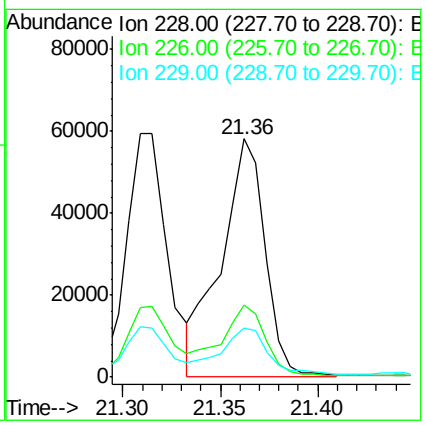


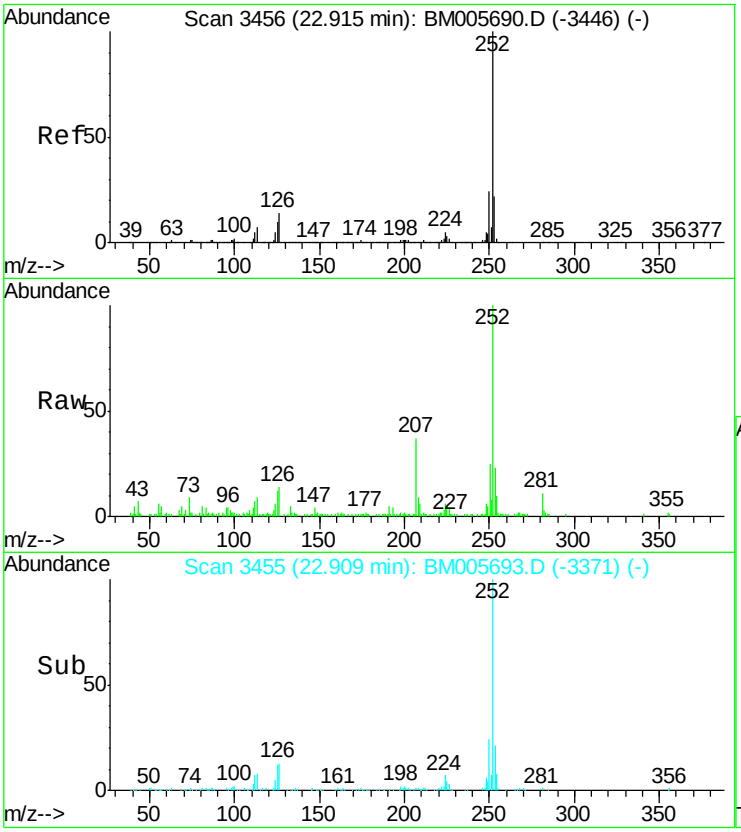


#33
Chrysene
Concen: 1.70 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. -0.01 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Tgt Ion:228 Resp: 90564

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	20.4	16.2	24.2



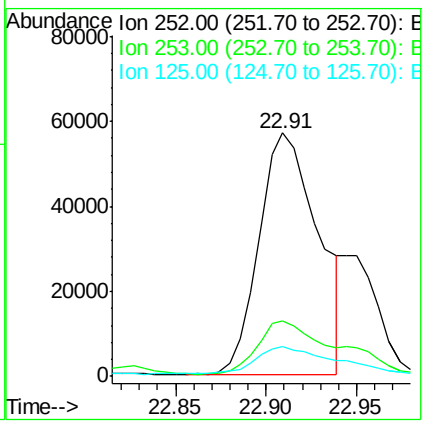


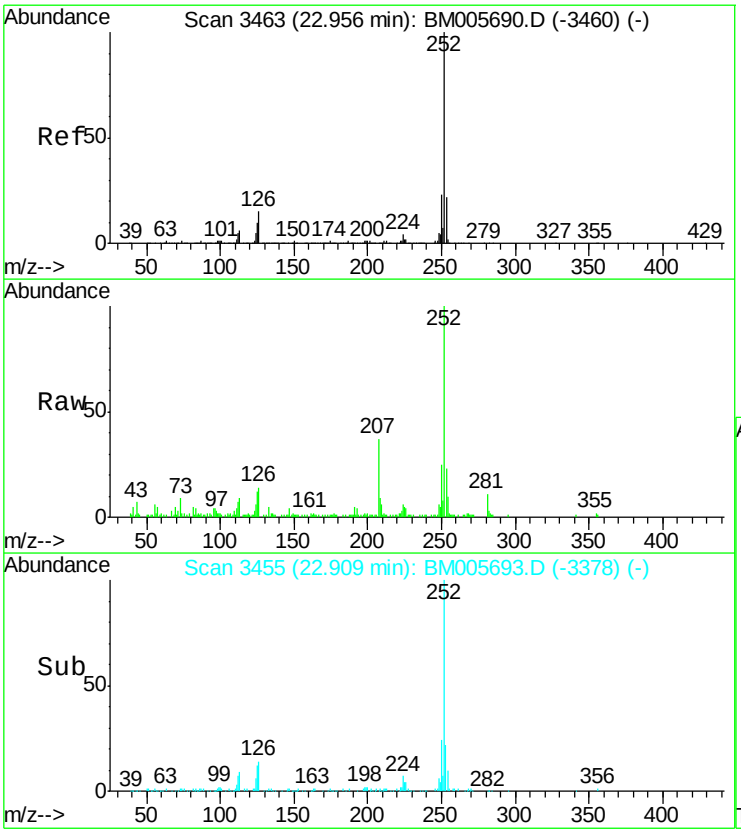
#35
Benzo(b)fluoranthene
Concen: 2.37 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:252 Resp: 129376

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.3	7.6	11.4#

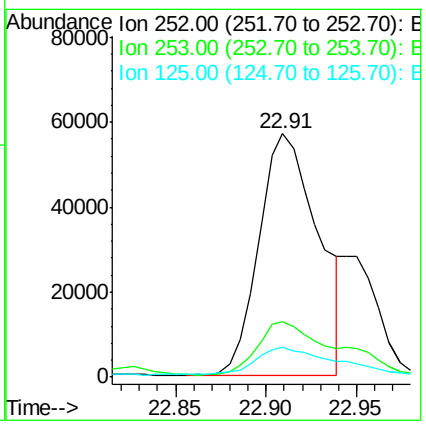


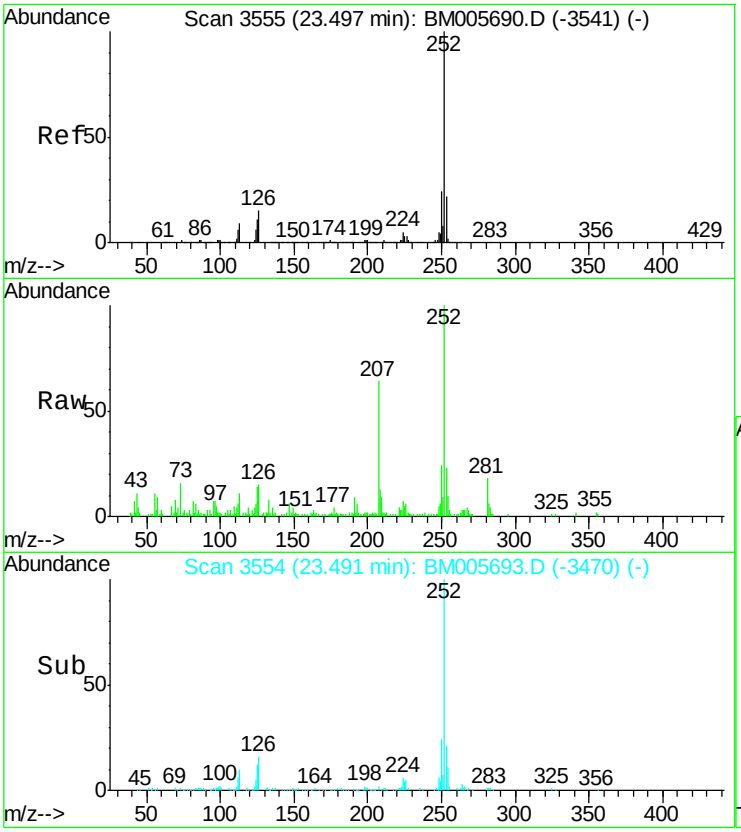


#36
Benzo(k)fluoranthene
Concen: 2.53 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.05 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Tgt Ion:252 Resp: 129376

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.3	7.7	11.5#





#38
Benzo(a)pyrene
Concen: 1.25 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BM005693.D
Acq: 07 Jun 2016 15:32

Instrument :
BNA_M
ClientSampleId :
D9XS6

Tgt Ion:252 Resp: 65709

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	13.8	8.2	12.2#