Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060716\
Data File : BM005704.D
Acq On : 07 Jun 2016 22:15
Operator : UM/SJ
Sample : H3412-19
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XT8

Quant Time: Jun 08 01:26:59 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	212695	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	879668	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	400325	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.15	188	696814	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	590999	20.00	ng/ul	0.00
34) Perylene-d12	23.61	264	591863	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.21	96	4749	0.94	ng/uL	0.00
3) Phenol-d5	6.95	99	239267	12.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	142382	12.51	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	203708	13.20	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	160870	10.88	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	95563	14.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	103375	14.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.19	165	177484	13.82	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	23986	1.57	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	470499	15.29	ng/ul	0.00
17) Acenaphthylene-d8	14.10	160	584321	14.60	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	53625	12.17	ng/ul	0.00
21) Fluorene-d10	15.40	176	371910	14.07	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.54	200	20099	6.13	ng/ul	0.00
26) Anthracene-d10	17.24	188	491812	14.86	ng/ul	0.00
30) Pyrene-d10	19.54	212	466155	15.69	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.46	264	393081	14.43	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.19	178	47132	1.23	ng/ul	97
28) Fluoranthene	19.21	202	112479	2.86	ng/ul	99
32) Benzo(a)anthracene	21.32	228	59230	1.71	ng/ul#	85
33) Chrysene	21.37	228	63003	1.92	ng/ul#	89
35) Benzo(b)fluoranthene	22.92	252	94003	2.63	ng/ul#	74
38) Benzo(a)pyrene	23.50	252	58452	1.70	ng/ul#	63
39) Indeno(1,2,3-cd)pyrene	25.92	276	50827	1.25	ng/ul#	67
41) Benzo(g,h,i)perylene	26.64	276	62127	1.82	ng/ul#	74

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

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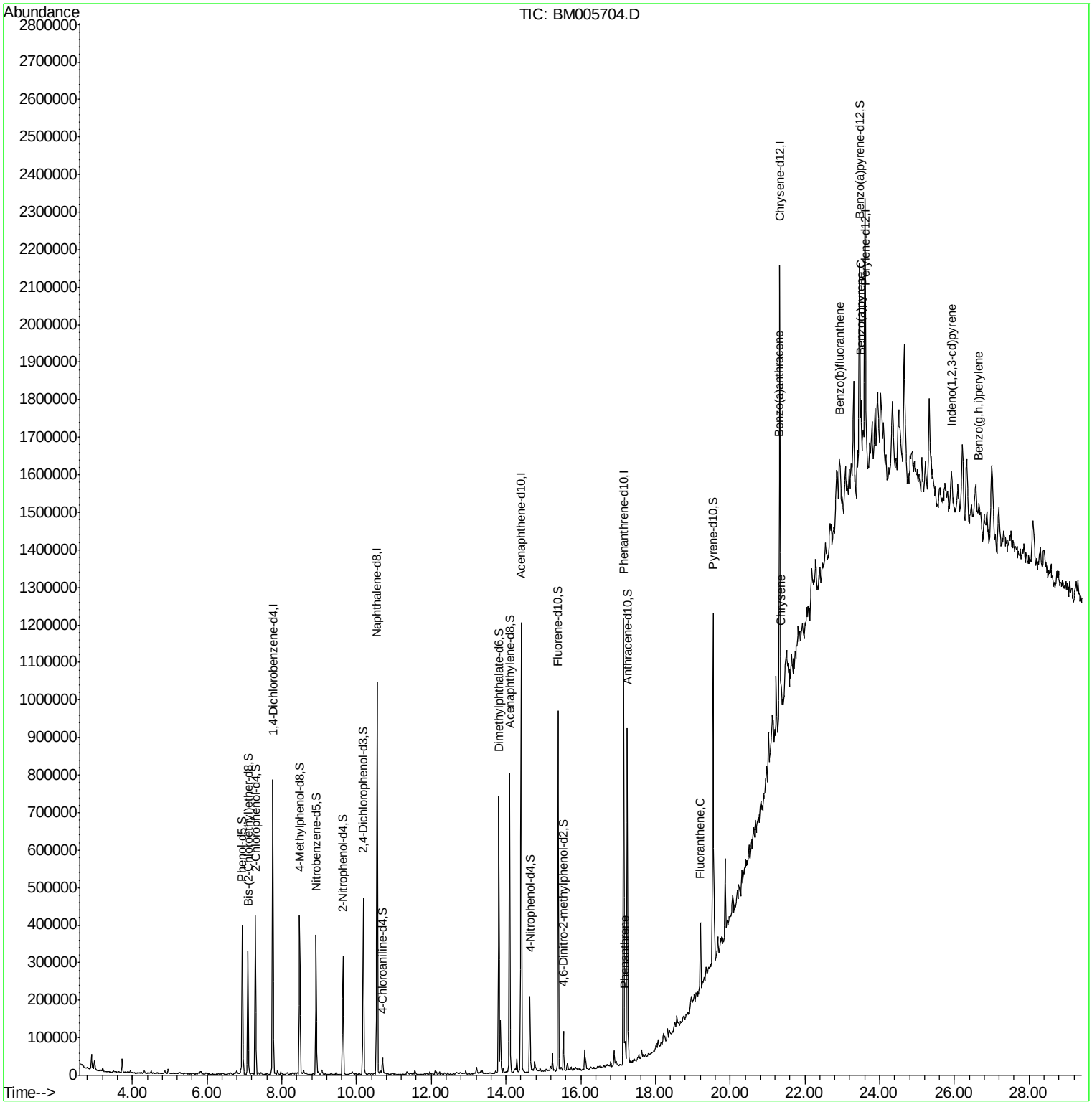
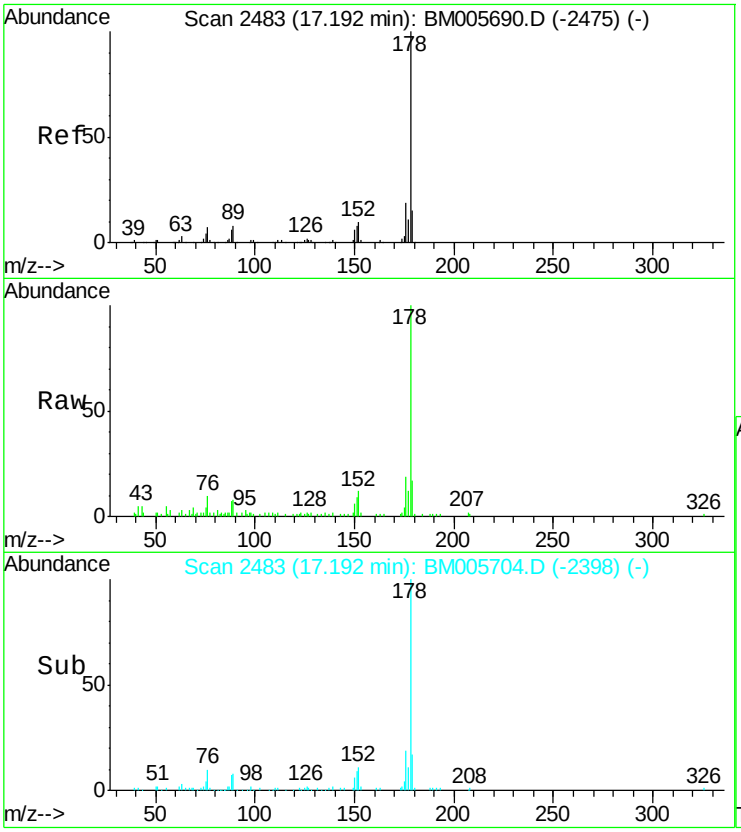


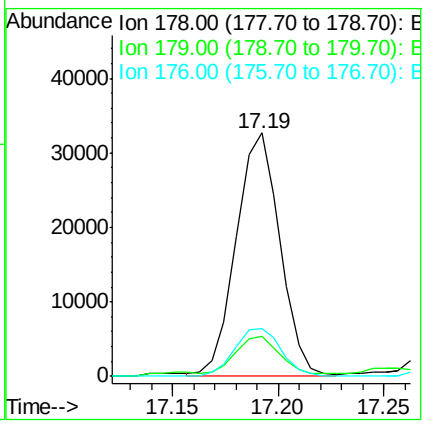


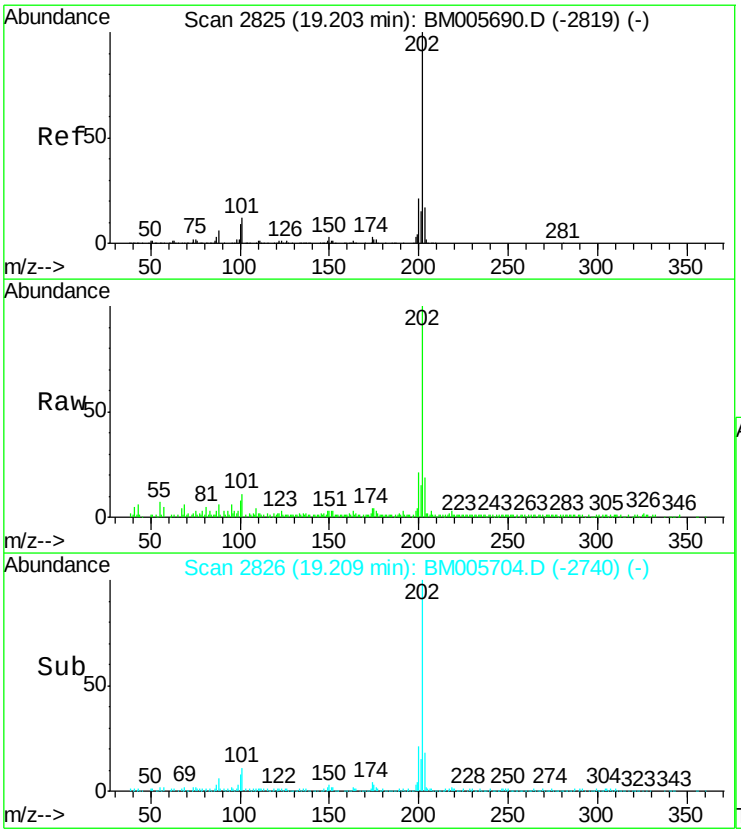
#25
Phenanthrene
Concen: 1.23 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion:178 Resp: 47132

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.8	17.8
176	19.4	14.8	22.2

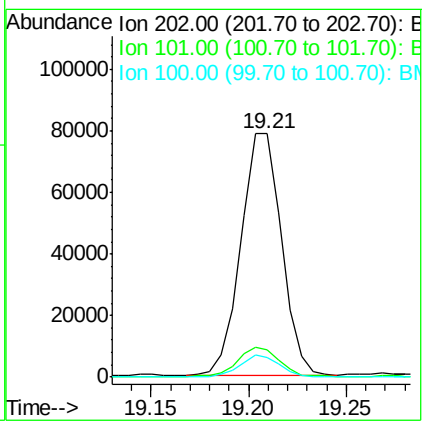


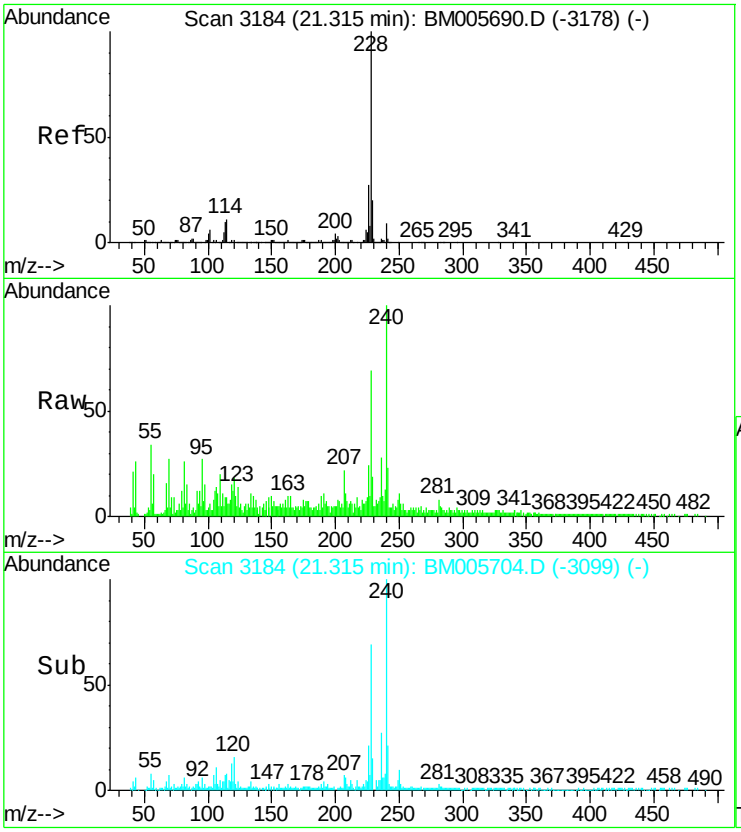


#28
Fluoranthene
Concen: 2.86 ng/ul
RT: 19.21 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Tgt Ion:202 Resp: 112479

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	8.3	7.0	10.4



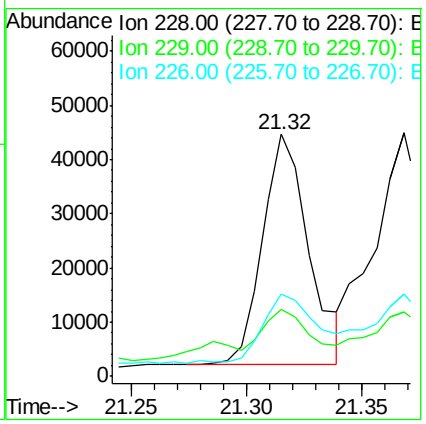


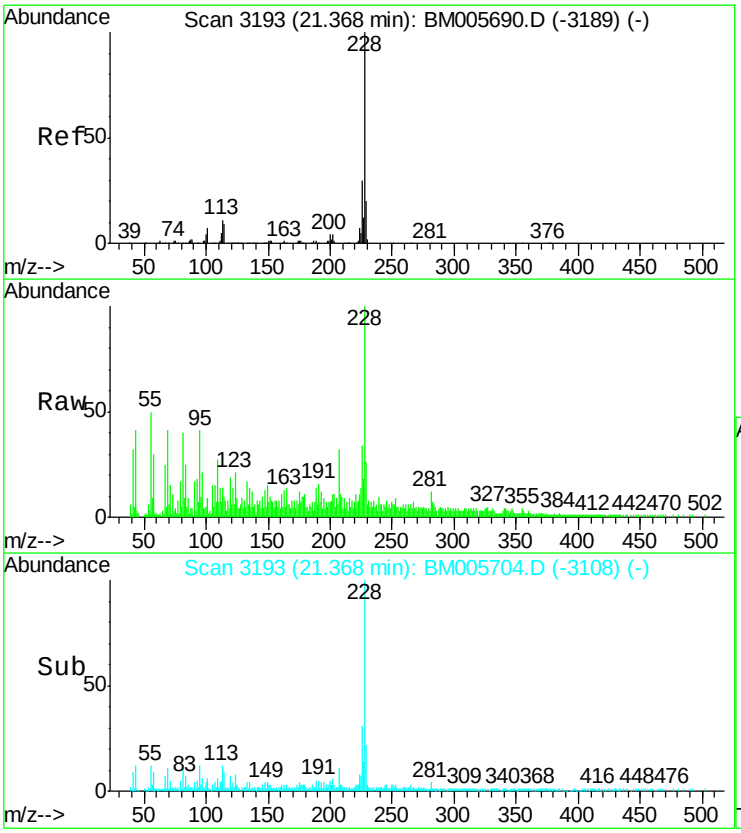
#32
Benzo(a)anthracene
Concen: 1.71 ng/ul
RT: 21.32 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion:228 Resp: 59230

Ion	Ratio	Lower	Upper
228	100		
229	27.5	16.6	25.0#
226	33.9	21.0	31.4#

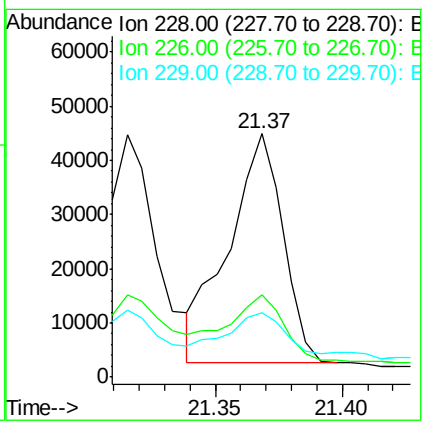


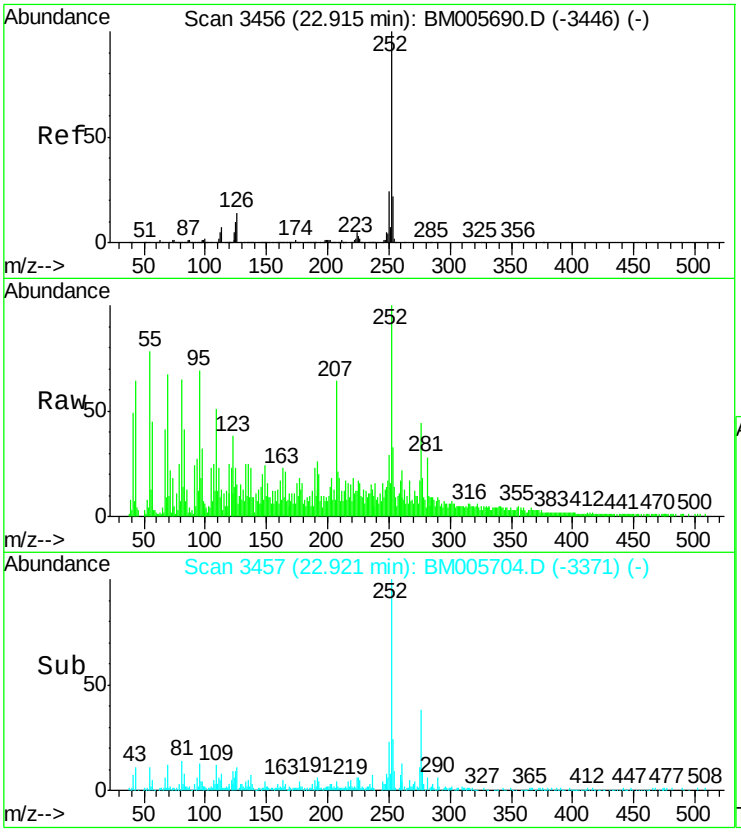


#33
Chrysene
Concen: 1.92 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.00 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Tgt Ion:228 Resp: 63003

Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.2
229	26.3	16.2	24.2#



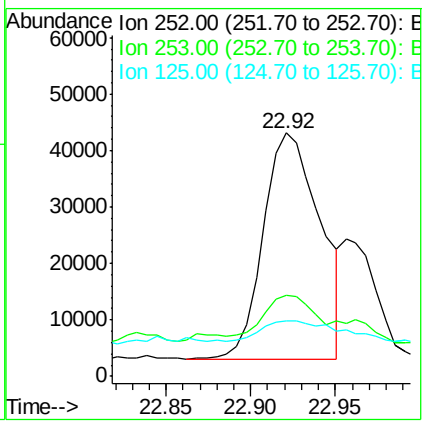


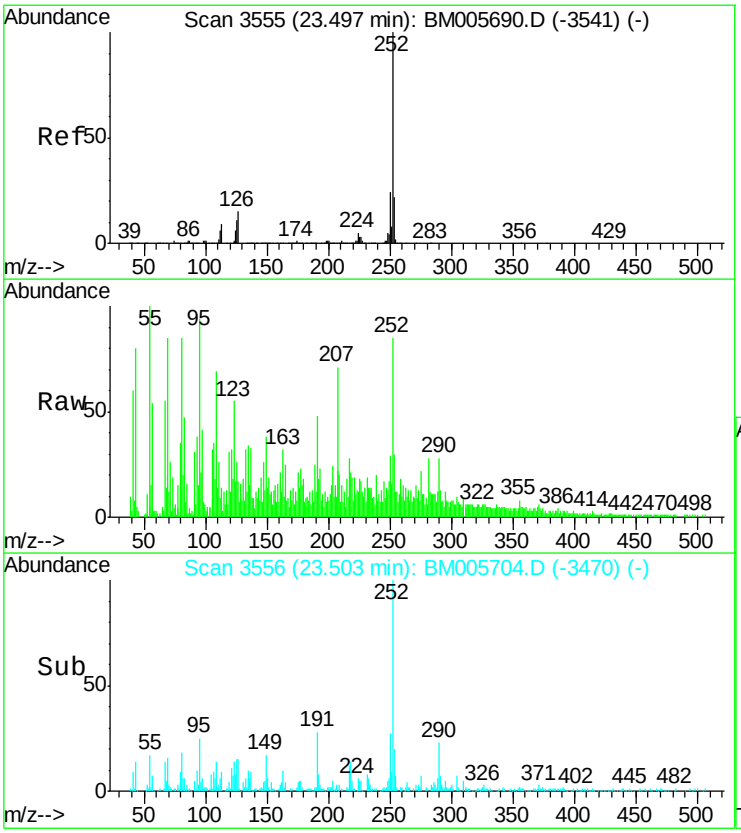
#35
Benzo(b)fluoranthene
Concen: 2.63 ng/ul
RT: 22.92 min Scan# 3457
Delta R.T. 0.01 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion:252 Resp: 94003

Ion	Ratio	Lower	Upper
252	100		
253	33.4	18.1	27.1#
125	22.5	7.6	11.4#

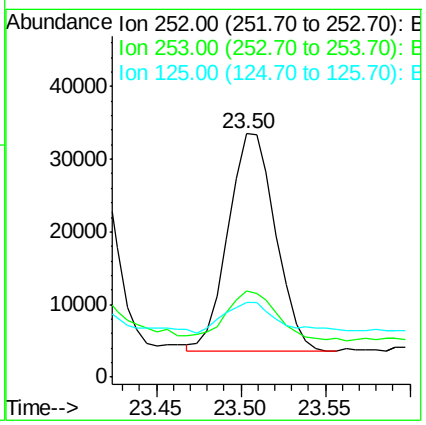


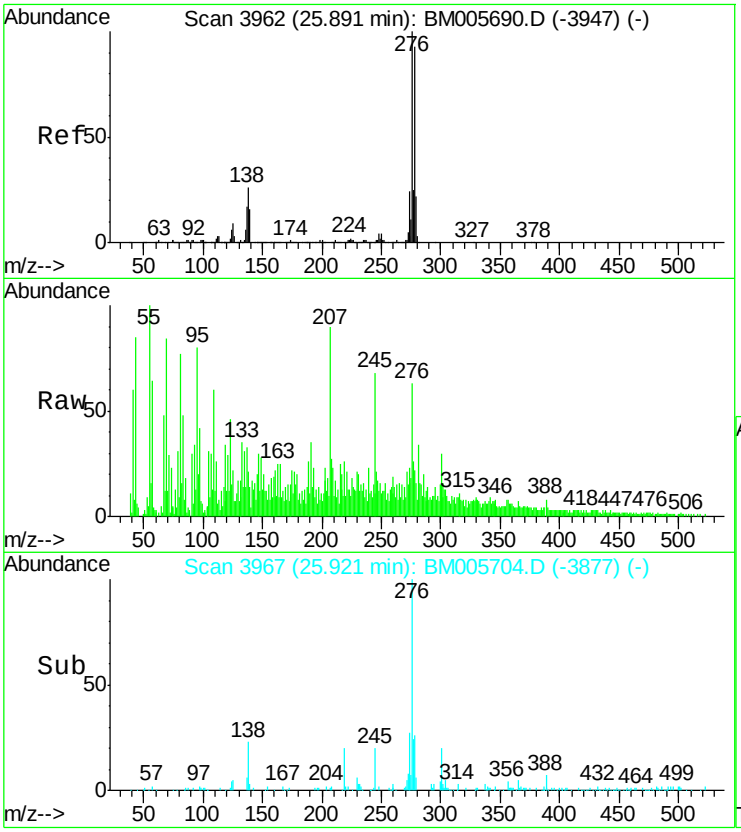


#38
Benzo(a)pyrene
Concen: 1.70 ng/ul
RT: 23.50 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Tgt Ion:252 Resp: 58452

Ion	Ratio	Lower	Upper
252	100		
253	35.2	17.4	26.0#
125	30.9	8.2	12.2#



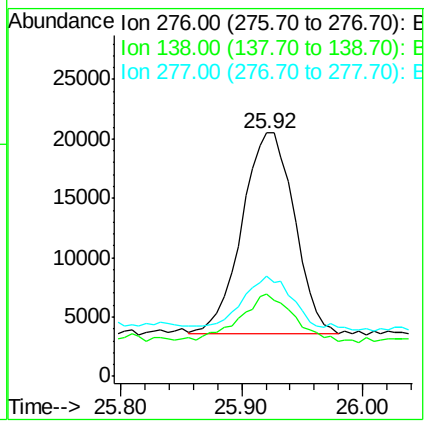


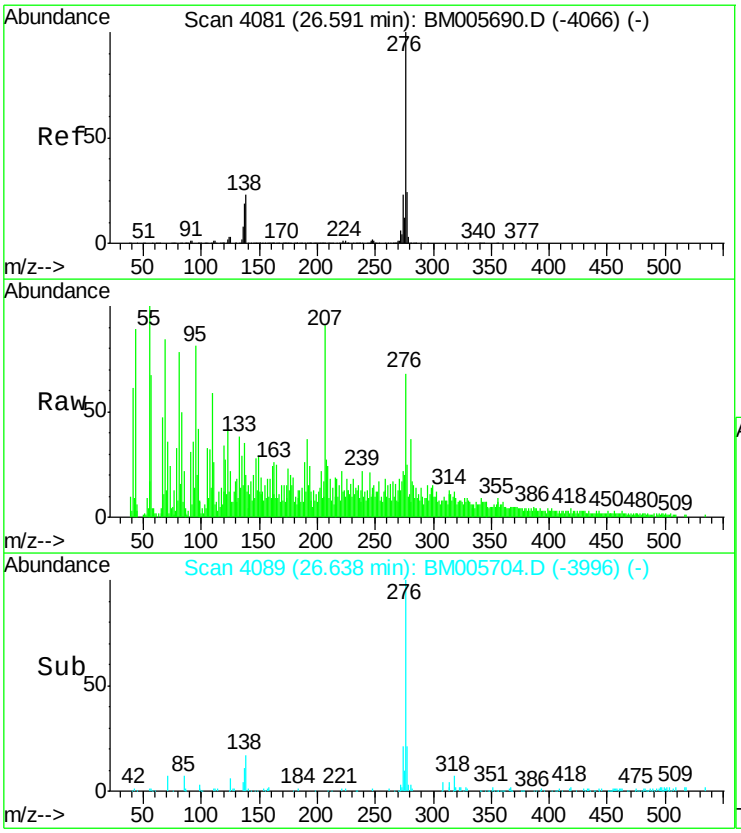
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.25 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. 0.03 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Instrument :
BNA_M
ClientSampleId :
D9XT8

Tgt Ion:276 Resp: 50827

Ion	Ratio	Lower	Upper
276	100		
138	33.6	15.8	23.6#
277	41.1	19.0	28.6#





#41
Benzo(g,h,i)perylene
Concen: 1.82 ng/ul
RT: 26.64 min Scan# 4089
Delta R.T. 0.05 min
Lab File: BM005704.D
Acq: 07 Jun 2016 22:15

Tgt Ion:276 Resp: 62127

Ion	Ratio	Lower	Upper
276	100		
138	29.9	13.9	20.9#
277	36.9	19.8	29.6#