Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010699.D
Acq On : 23 Jun 2017 20:38
Operator : SJ/JU
Sample : I3625-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5D03

Quant Time: Jun 24 04:40:42 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	79934	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	379913	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	265633	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	633559	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	624768	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	460636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6140	4.40	ng/uL	0.00
5) Phenol-d5	6.65	99	175004	22.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	100038	23.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	136857	25.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	156202	24.74	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	75859	27.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	94541	30.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	180108	27.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	191347	27.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	710917	30.49	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	775888	28.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	115759	28.21	ng/ul	0.00
57) Fluorene-d10	15.12	176	595573	29.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	117009	30.07	ng/ul	0.00
70) Anthracene-d10	16.87	188	633559	20.71	ng/ul	-0.10
76) Pyrene-d10	19.28	212	1335917	46.03	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	1025807	46.07	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	9059	1.155	ng/ul	91
44) Dimethylphthalate	13.58	163	80817	3.536	ng/ul	99
69) Phenanthrene	16.91	178	152707	4.534	ng/ul	97
74) Fluoranthene	18.94	202	375282	8.645	ng/ul	98
77) Pyrene	19.30	202	337964	9.365	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	216288	5.945	ng/ul	98
82) Chrysene	21.11	228	236413	7.288	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	295470	9.881	ng/ul#	99
86) Benzo(k)fluoranthene	22.59	252	295470	10.423	ng/ul#	97
88) Benzo(a)pyrene	23.13	252	158615	5.762	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	94705	3.317	ng/ul#	91
91) Benzo(g,h,i)perylene	25.97	276	70513	3.103	ng/ul	98

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

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Instrument :
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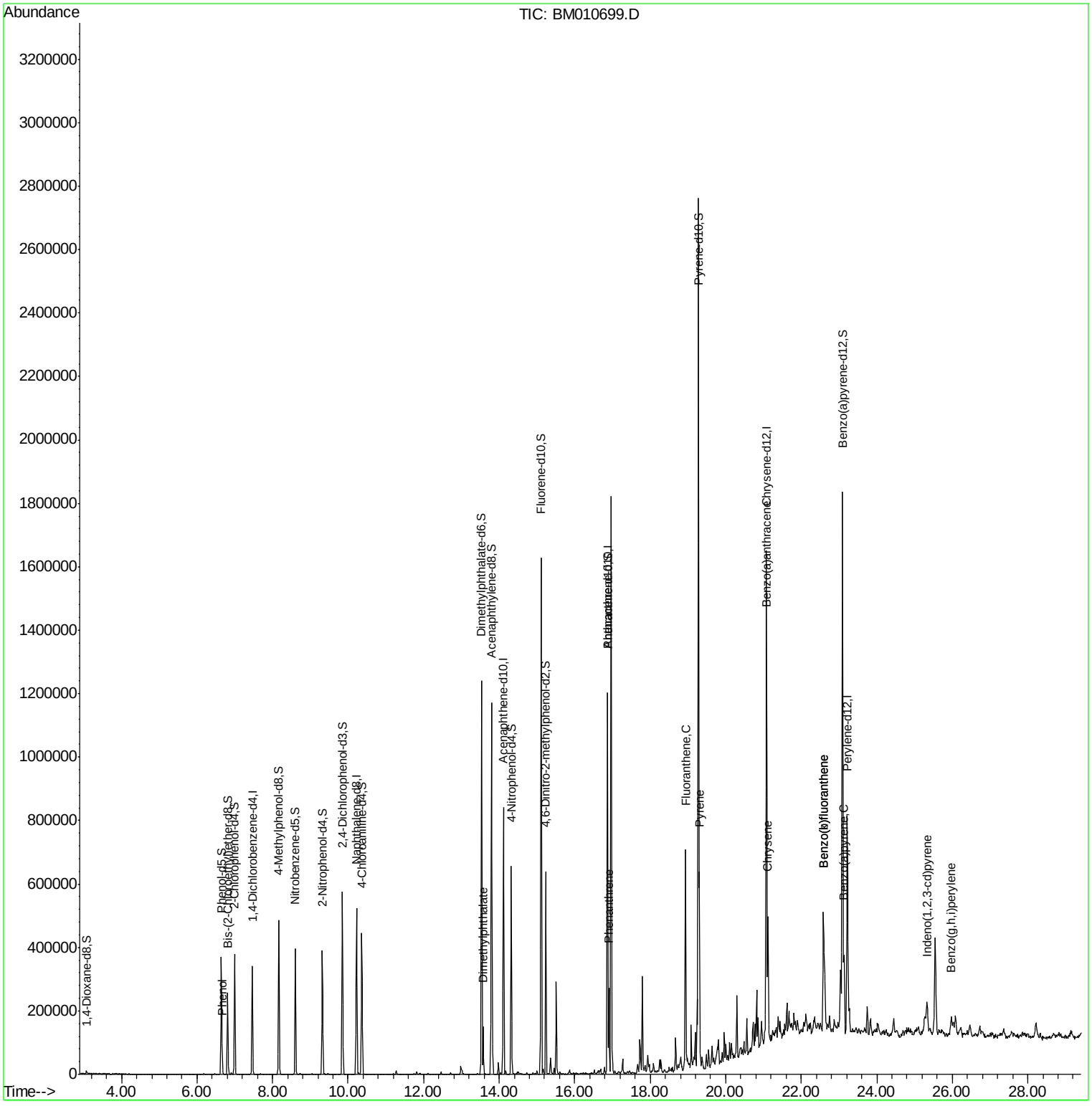
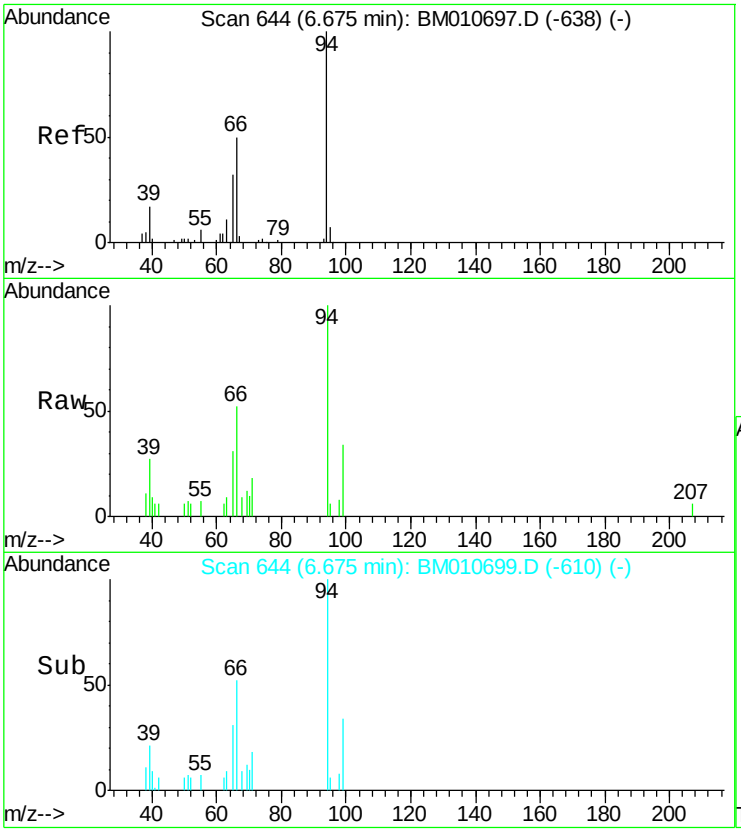


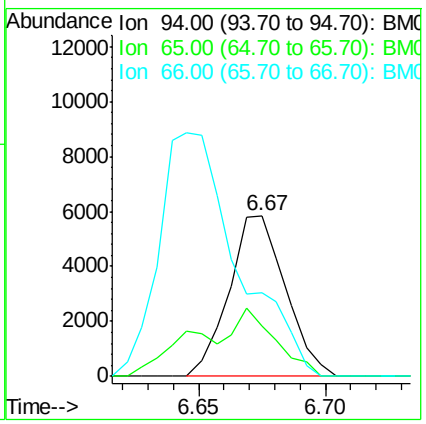


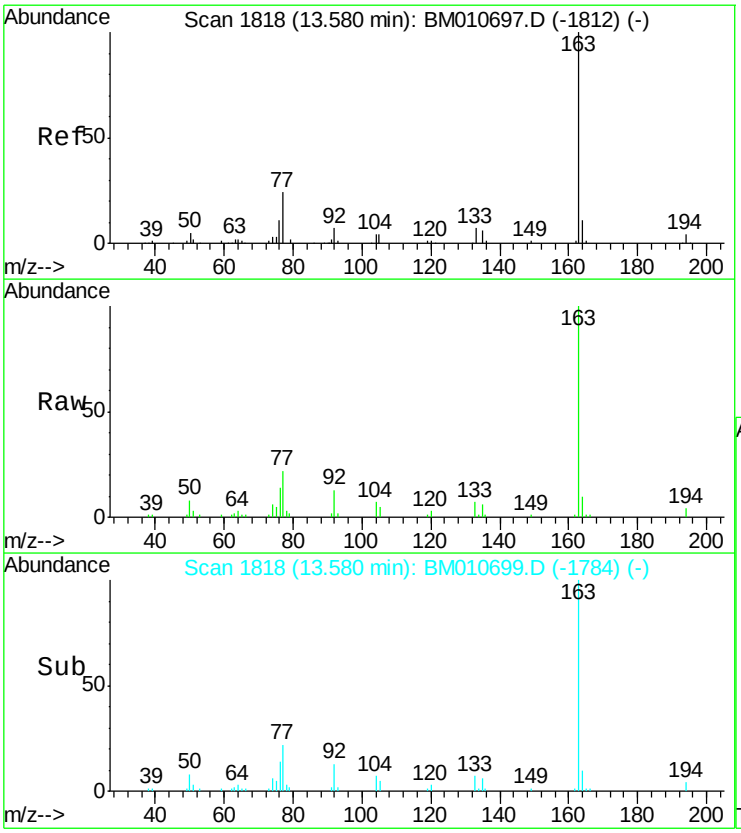
#6
Phenol
Concen: 1.155 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion: 94 Resp: 9059

Ion	Ratio	Lower	Upper
94	100		
65	31.1	28.2	42.4
66	51.9	47.2	70.8

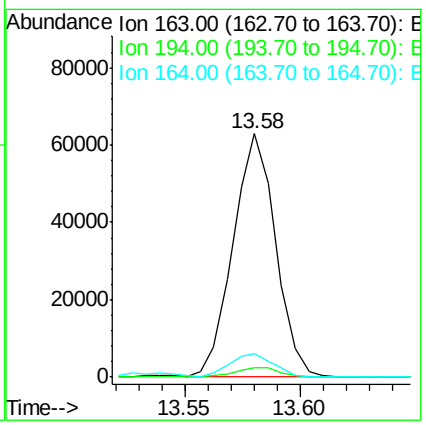


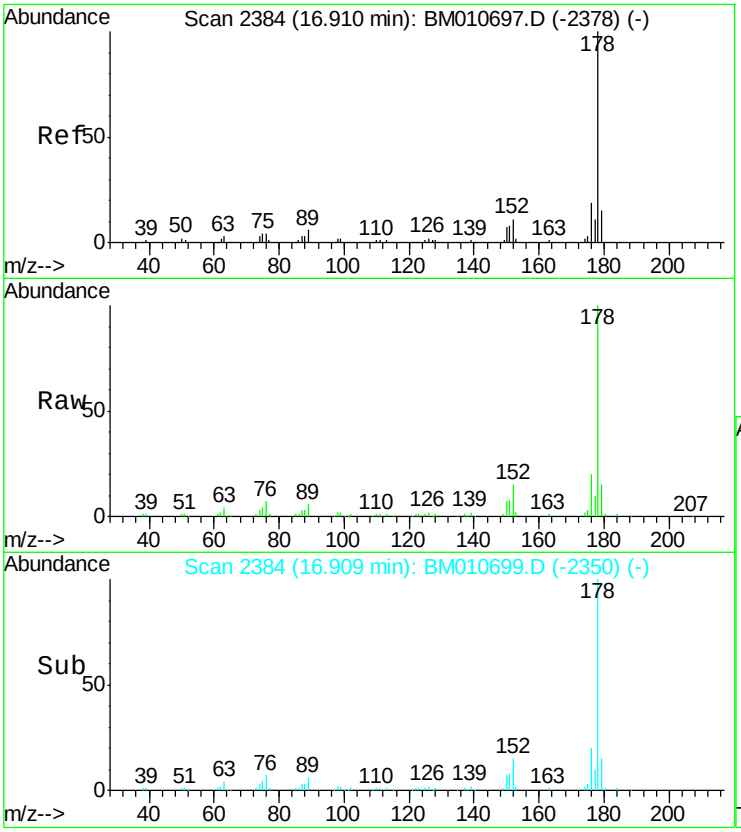


#44
Dimethylphthalate
Concen: 3.536 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:163 Resp: 80817

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.8	8.2	12.4



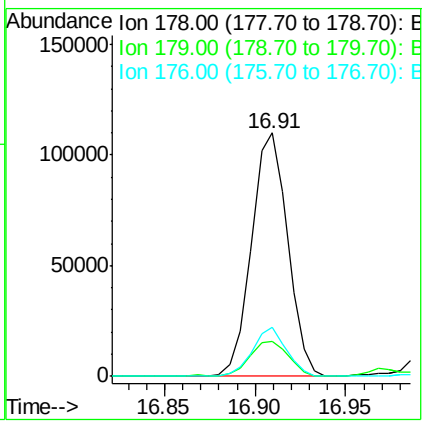


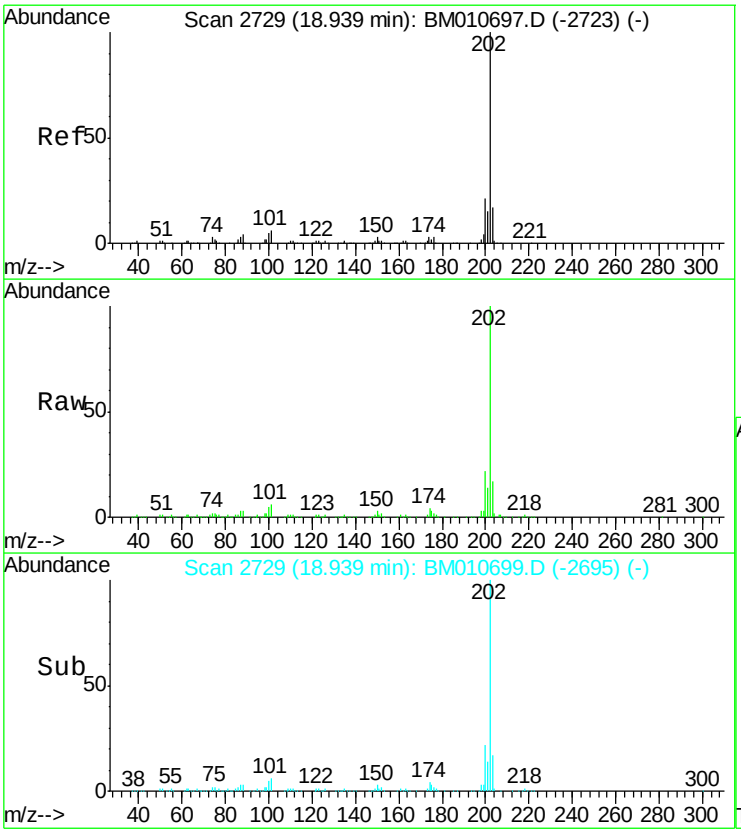
#69
Phenanthrene
Concen: 4.534 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion:178 Resp: 152707

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	20.2	14.9	22.3

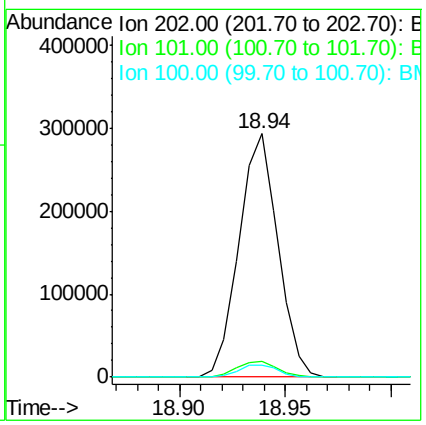


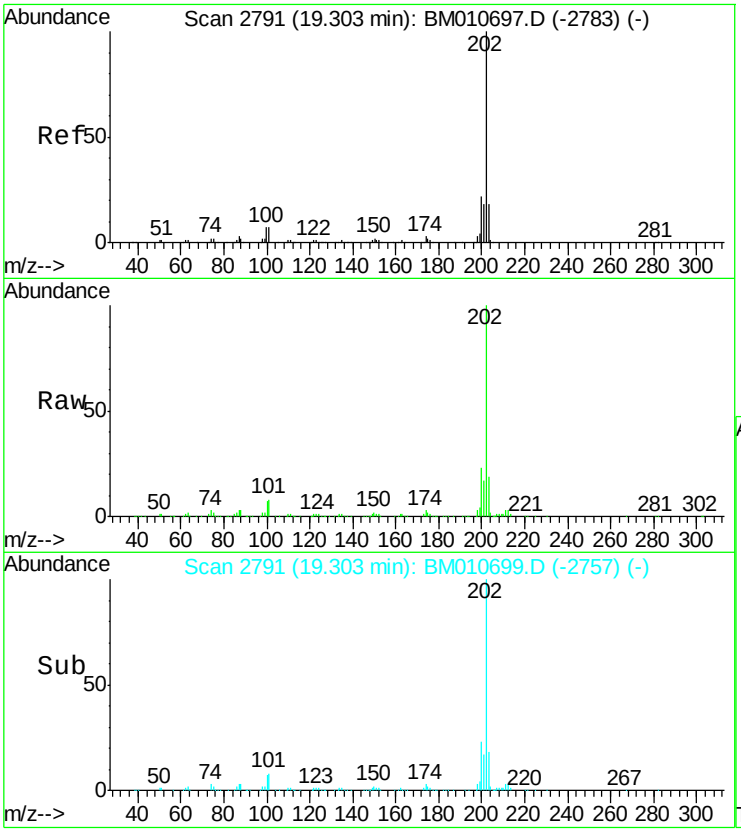


#74
Fluoranthene
Concen: 8.645 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:202 Resp: 375282

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.6	7.0
100	4.8	3.4	5.2



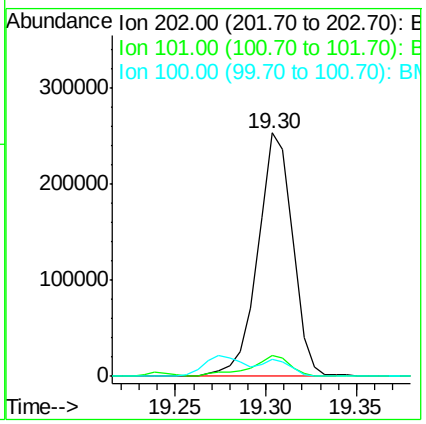


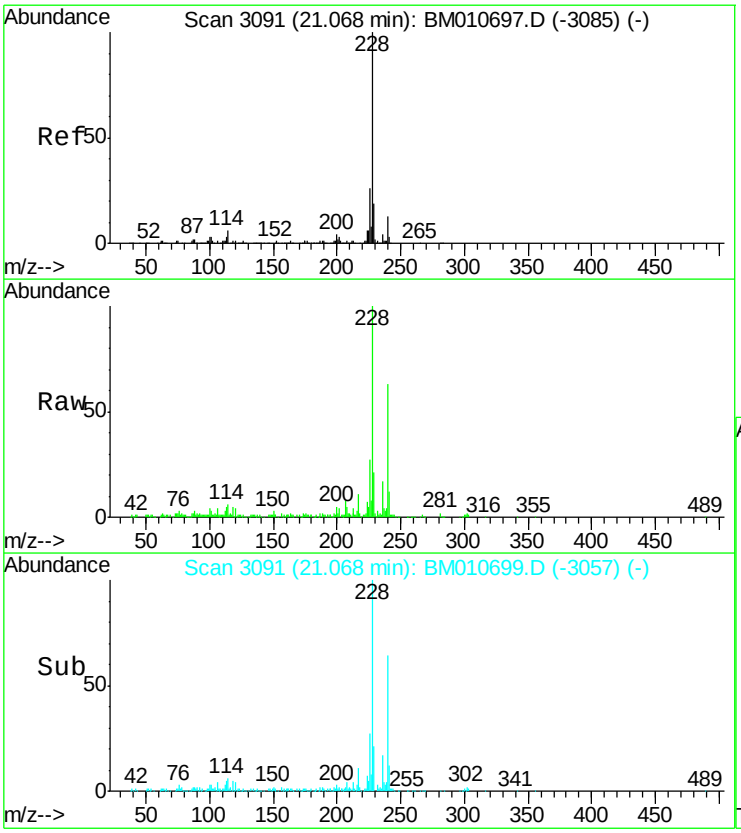
#77
Pyrene
Concen: 9.365 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion:202 Resp: 337964

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	6.8	4.9	7.3

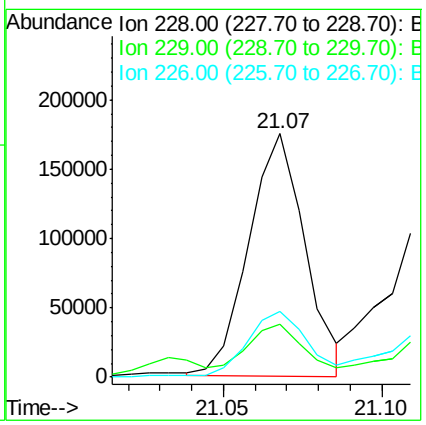


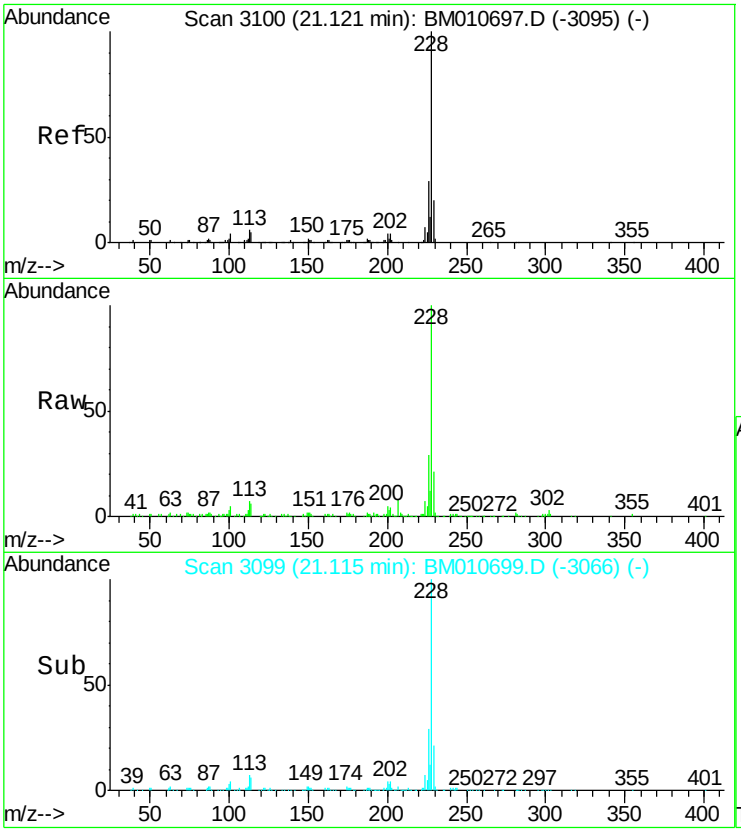


#80
Benzo(a)anthracene
Concen: 5.945 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:228 Resp: 216288

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.4	23.0
226	27.0	21.4	32.0



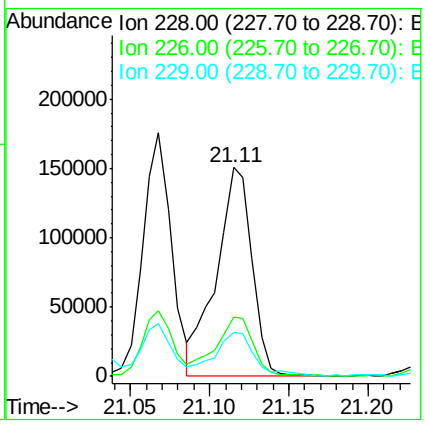


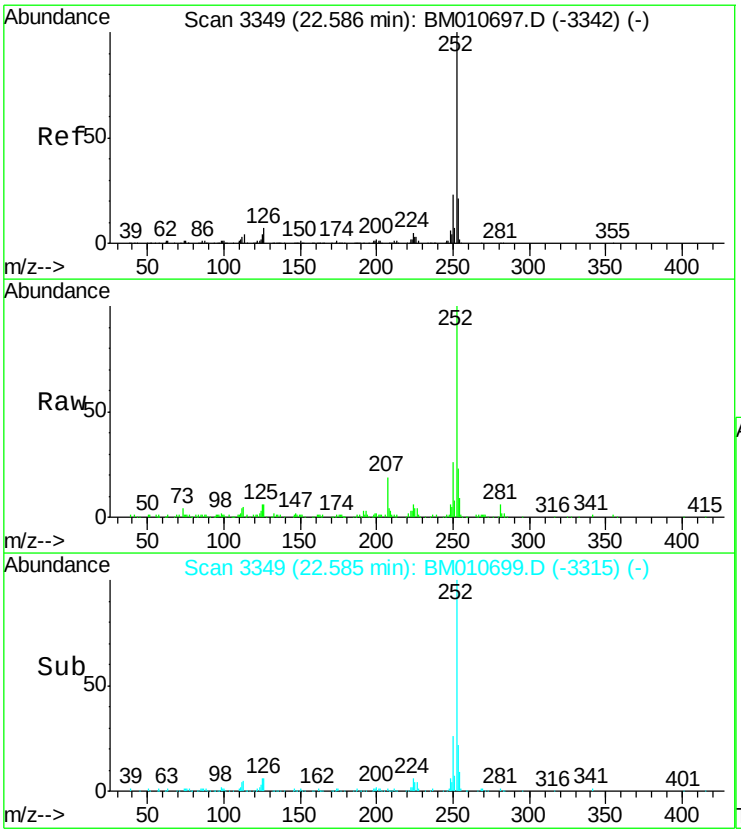
#82
Chrysene
Concen: 7.288 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion:228 Resp: 236413

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	21.2	15.5	23.3

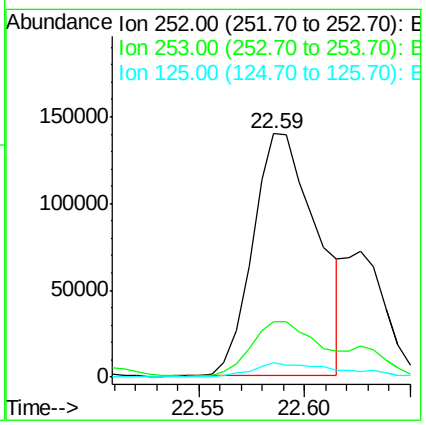


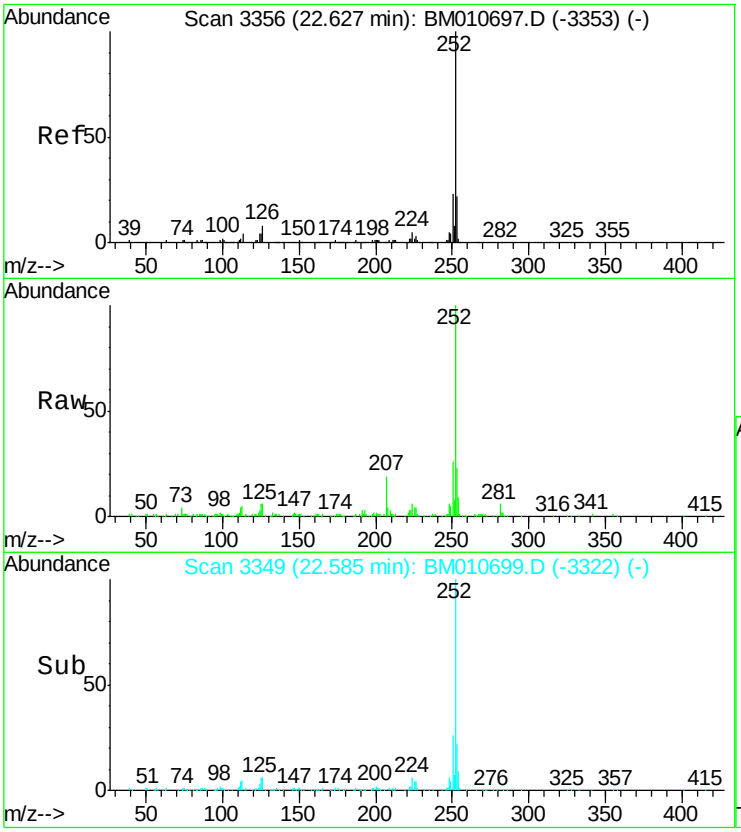


#85
Benzo(b)fluoranthene
Concen: 9.881 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:252 Resp: 295470

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.9	26.9
125	5.9	3.6	5.4#



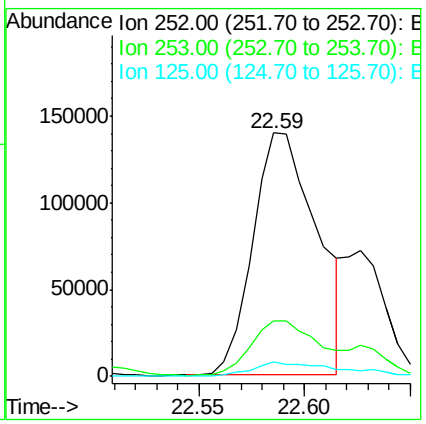


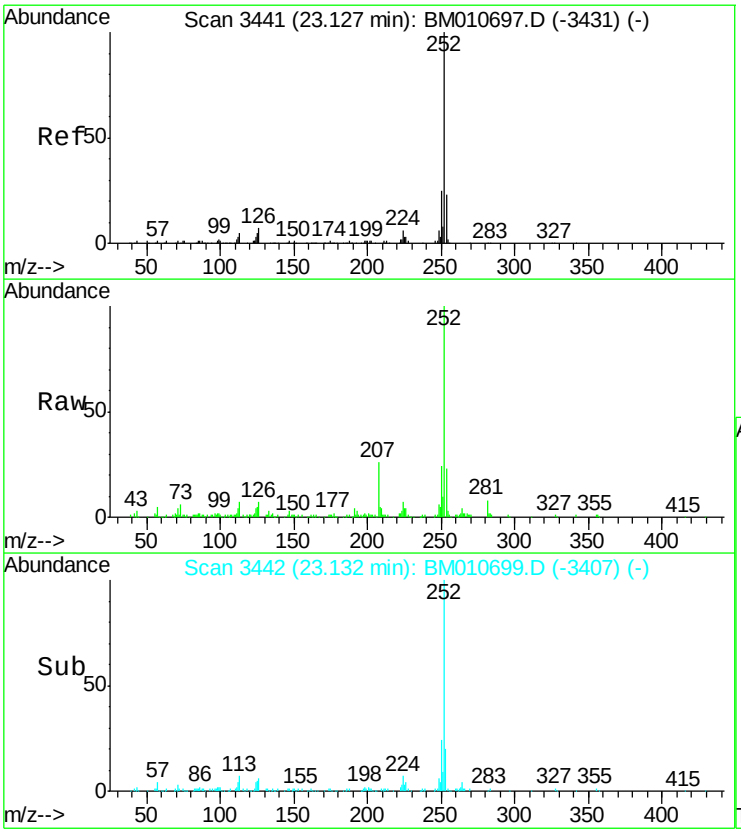
#86
Benzo(k)fluoranthene
Concen: 10.423 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion:252 Resp: 295470

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	5.9	3.4	5.2#

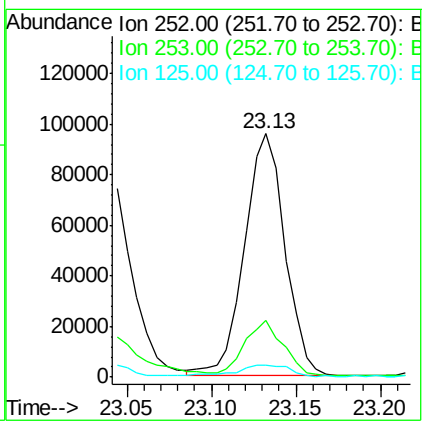


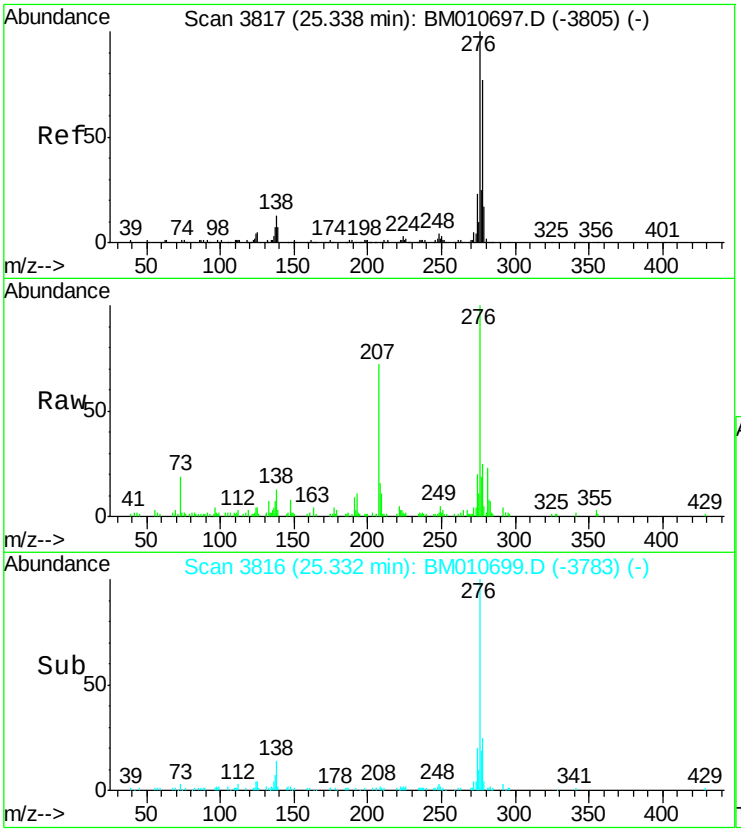


#88
Benzo(a)pyrene
Concen: 5.762 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:252 Resp: 158615

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	4.9	4.0	6.0



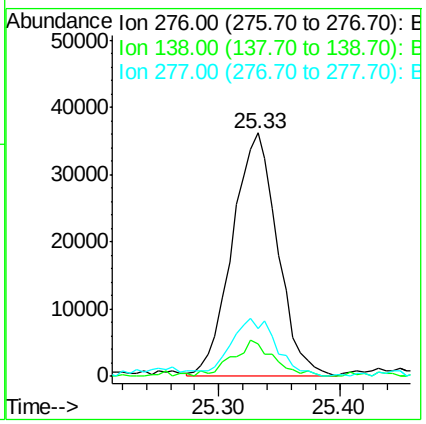


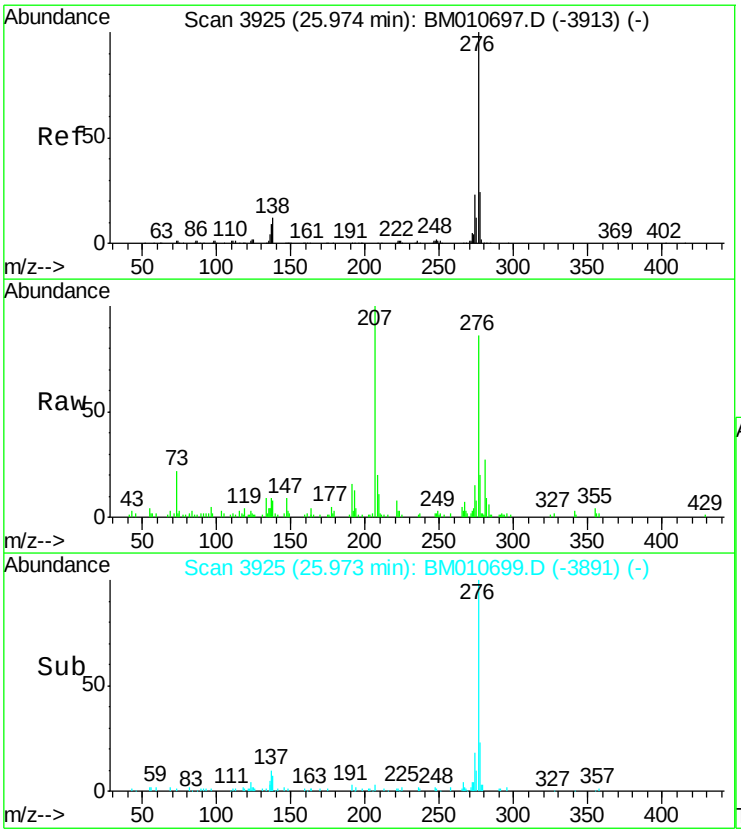
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.317 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.01 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Instrument :
BNA_M
ClientSampleId :
F5D03

Tgt Ion:276 Resp: 94705

Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	19.5	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 3.103 ng/ul
RT: 25.97 min Scan# 3925
Delta R.T. -0.00 min
Lab File: BM010699.D
Acq: 23 Jun 2017 20:38

Tgt Ion:276 Resp: 70513

Ion	Ratio	Lower	Upper
276	100		
138	9.0	8.5	12.7
277	23.4	18.6	28.0