Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005851.D
Acq On : 17 Jun 2016 05:14
Operator : UM/SJ
Sample : H3537-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y40

Quant Time: Jun 17 07:12:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	27366	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	126548	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	80173	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	185586	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	204921	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	173516	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
3) Phenol-d5	6.92	99	15299	6.68	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.06	67	8768	7.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	14566	7.47	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	8567	4.18	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	7014	7.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	9699	8.89	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	19674	9.13	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	7684	5.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	80974	10.68	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	96155	11.00	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	2411	2.64	ng/ul	0.04
21) Fluorene-d10	15.37	176	71871	11.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	4592	3.67	ng/ul	0.00
26) Anthracene-d10	17.22	188	114031	11.77	ng/ul	0.00
30) Pyrene-d10	19.52	212	134117	13.81	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	104009	11.99	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.16	178	34716	3.14	ng/ul	99
28) Fluoranthene	19.18	202	93735	6.75	ng/ul	100
31) Pyrene	19.54	202	86176	7.12	ng/ul	99
32) Benzo(a)anthracene	21.29	228	48227	3.77	ng/ul	98
33) Chrysene	21.34	228	48824	3.96	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	67641	6.26	ng/ul	98
36) Benzo(k)fluoranthene	22.88	252	67641	6.48	ng/ul	98
38) Benzo(a)pyrene	23.46	252	46675	4.40	ng/ul#	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	35604	2.75	ng/ul	97
41) Benzo(g,h,i)perylene	26.54	276	34981	3.17	ng/ul	97

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

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Instrument :
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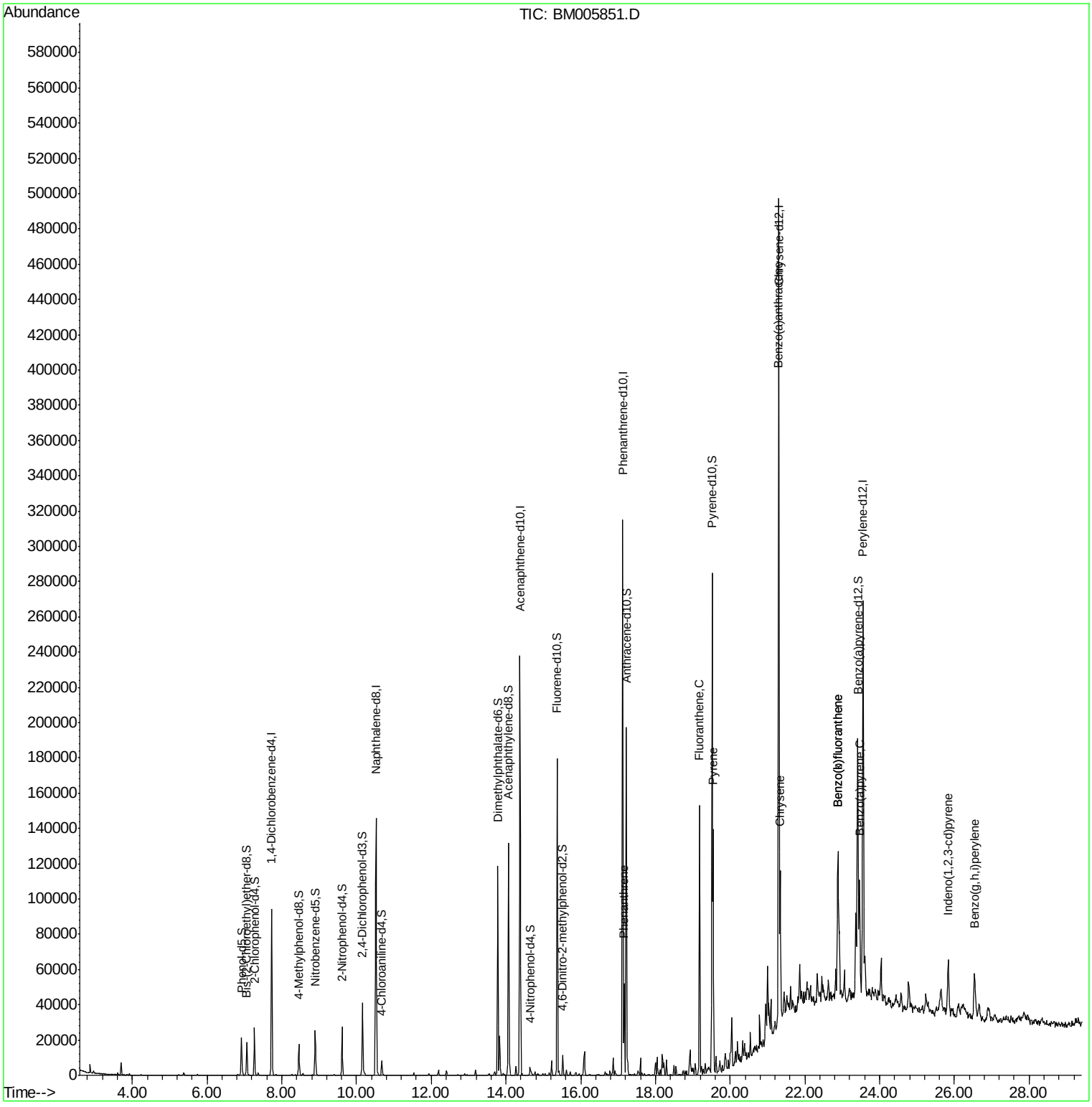
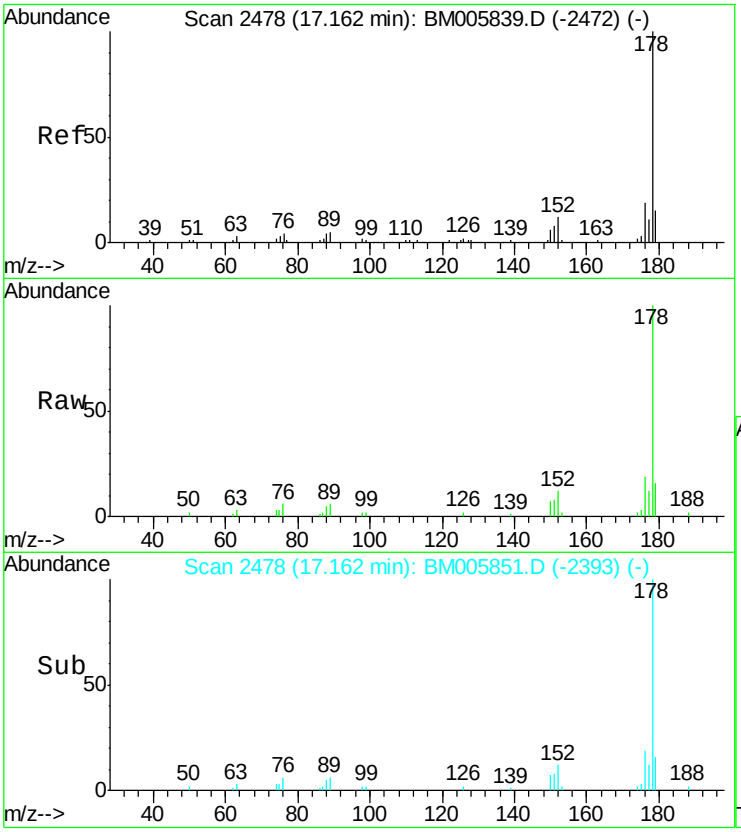


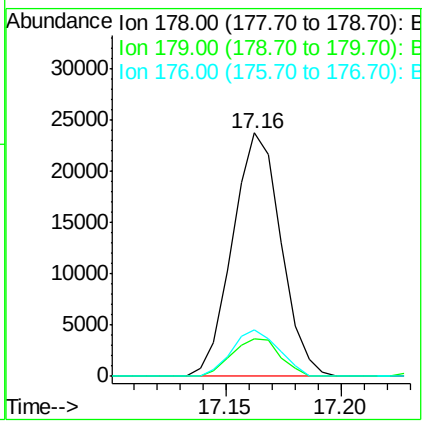


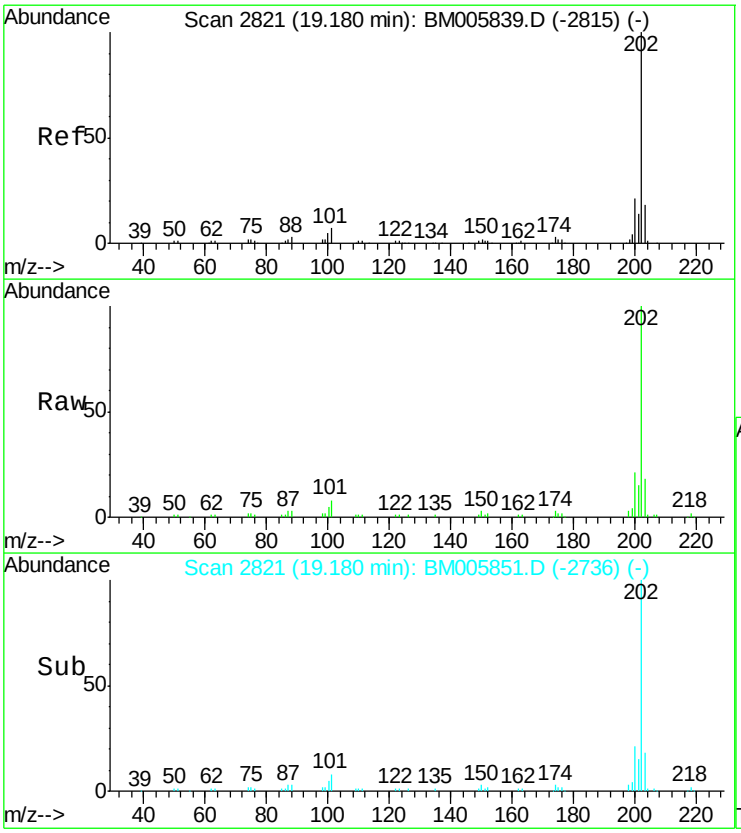
#25
Phenanthrene
Concen: 3.14 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Instrument :
BNA_M
ClientSampleId :
D9Y40

Tgt Ion:178 Resp: 34716

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.0	18.0
176	19.1	14.9	22.3

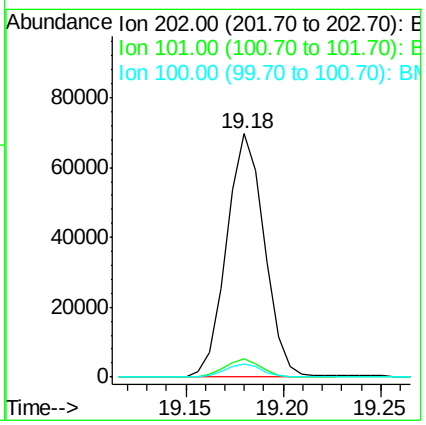


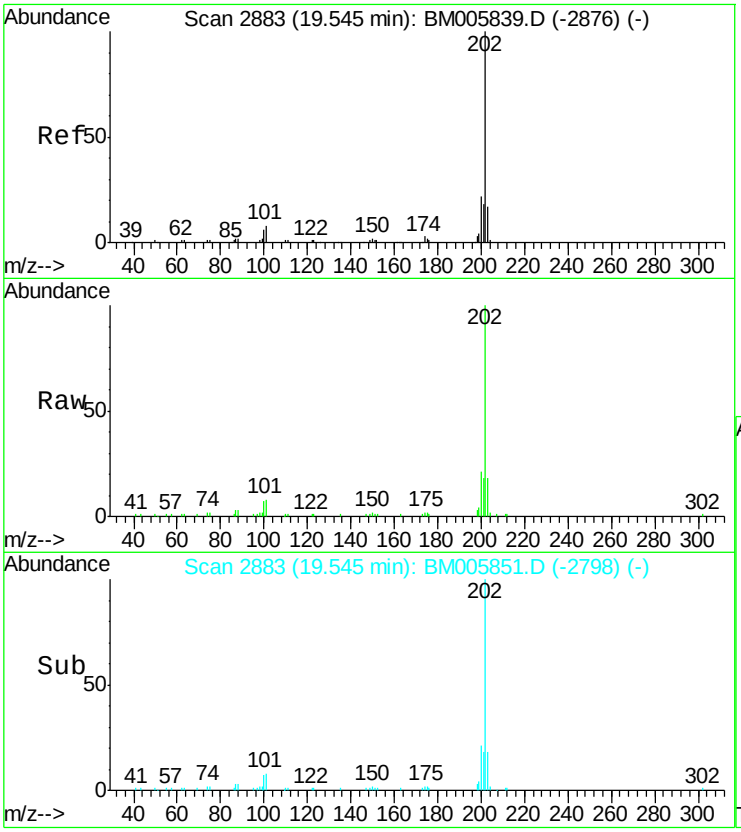


#28
Fluoranthene
Concen: 6.75 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Tgt Ion:202 Resp: 93735

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	5.2	4.2	6.2



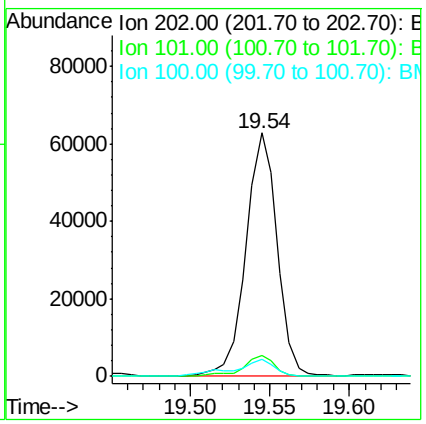


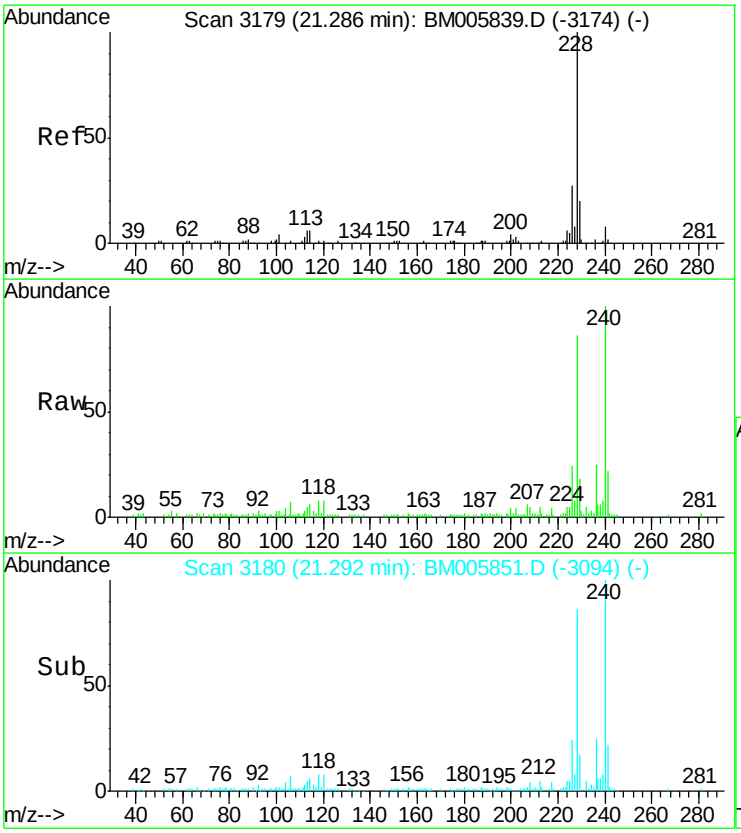
#31
Pyrene
Concen: 7.12 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Instrument :
BNA_M
ClientSampleId :
D9Y40

Tgt Ion:202 Resp: 86176

Ion	Ratio	Lower	Upper
202	100		
101	8.4	6.5	9.7
100	7.0	5.4	8.2

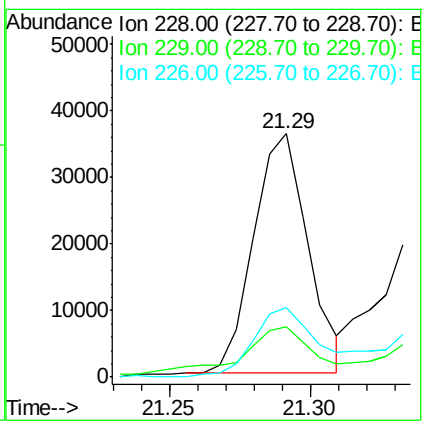


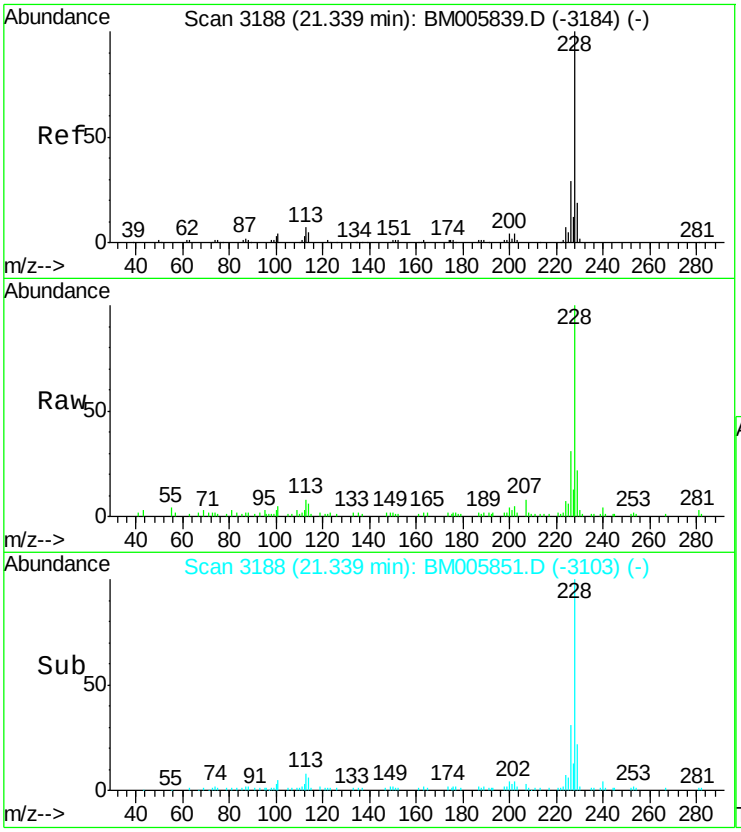


#32
Benzo(a)anthracene
Concen: 3.77 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Tgt Ion:228 Resp: 48227

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	28.3	21.8	32.6



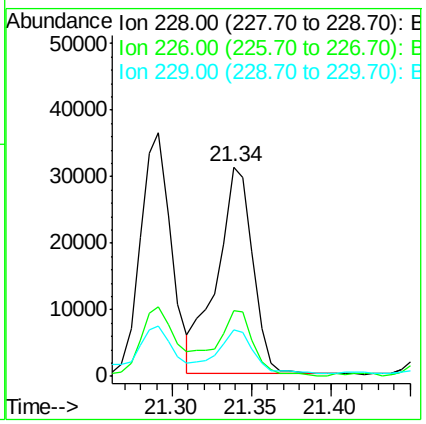


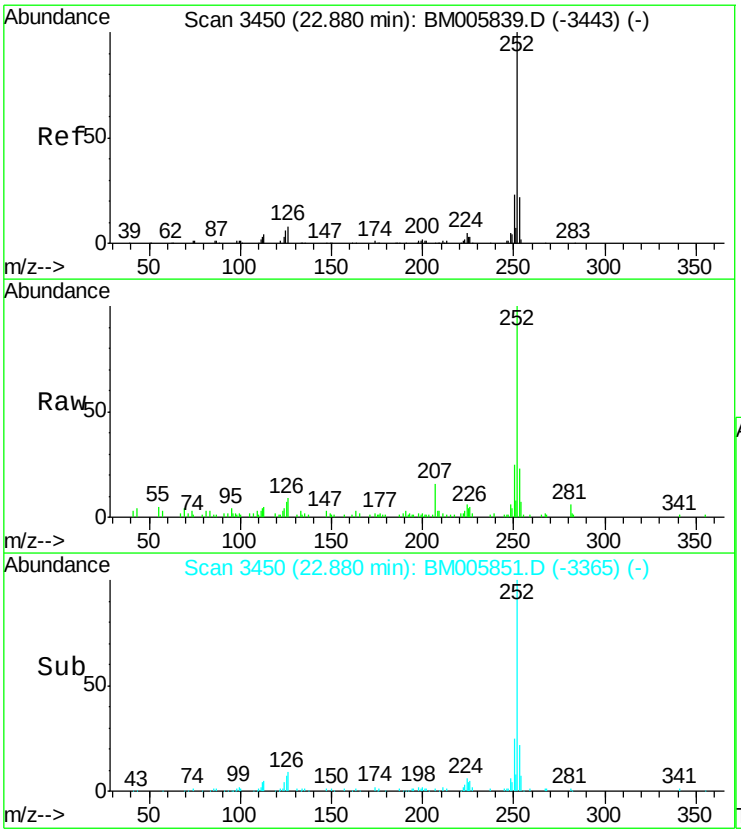
#33
Chrysene
Concen: 3.96 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Instrument :
BNA_M
ClientSampleId :
D9Y40

Tgt Ion:228 Resp: 48824

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	22.0	15.4	23.0

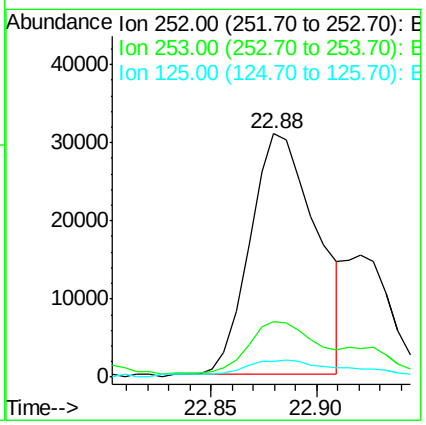


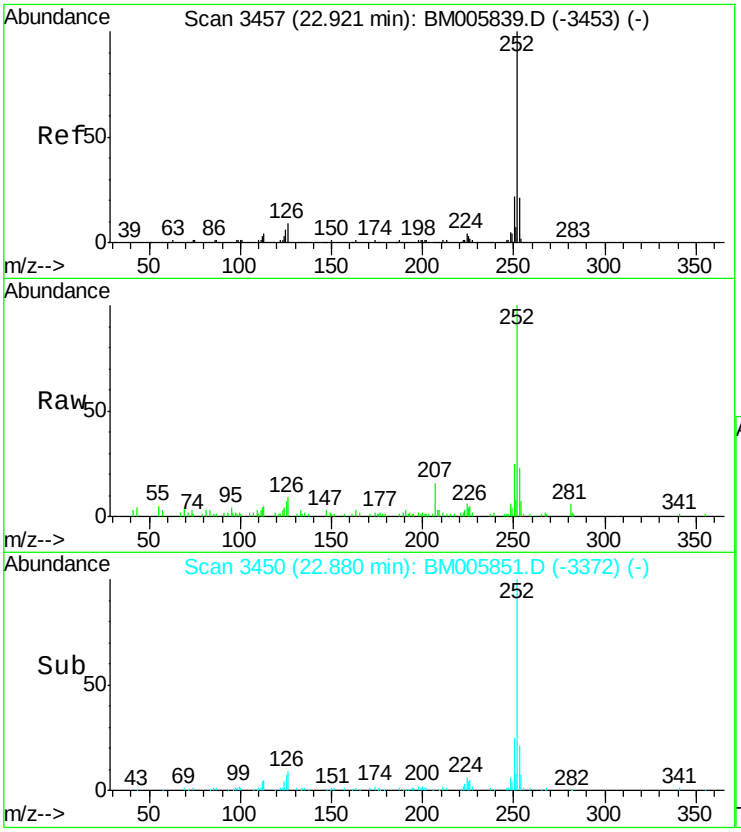


#35
Benzo(b)fluoranthene
Concen: 6.26 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Tgt Ion:252 Resp: 67641

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	6.7	4.9	7.3



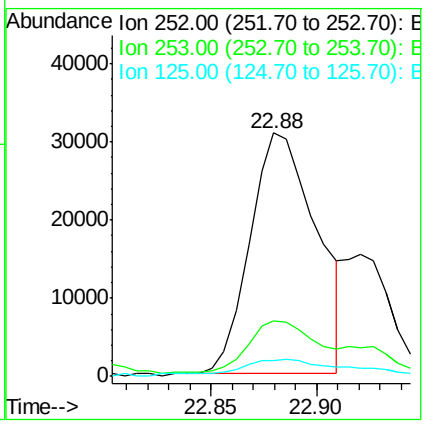


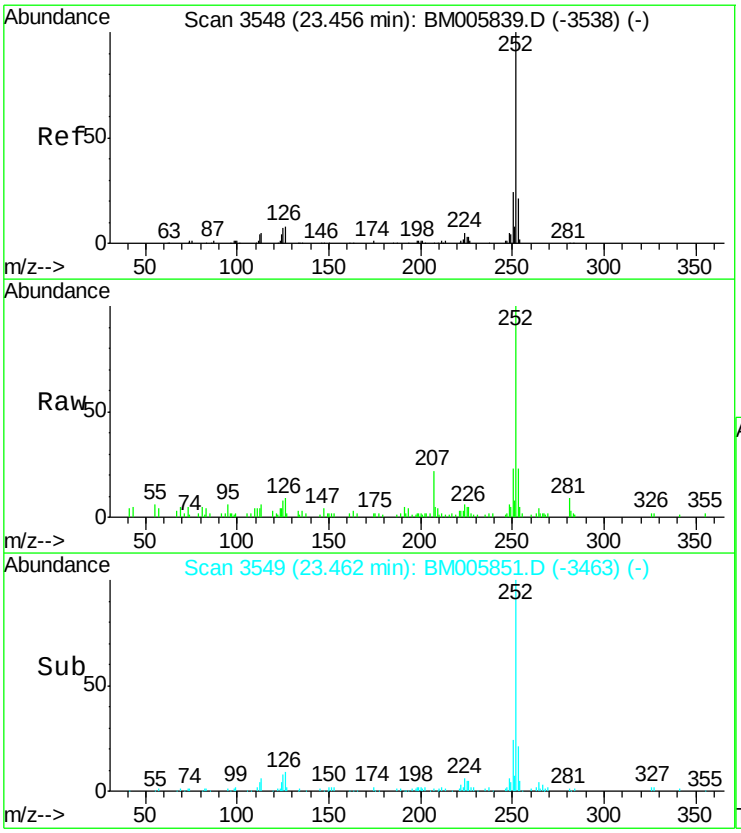
#36
Benzo(k)fluoranthene
Concen: 6.48 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Instrument :
BNA_M
ClientSampleId :
D9Y40

Tgt Ion:252 Resp: 67641

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	6.7	4.8	7.2

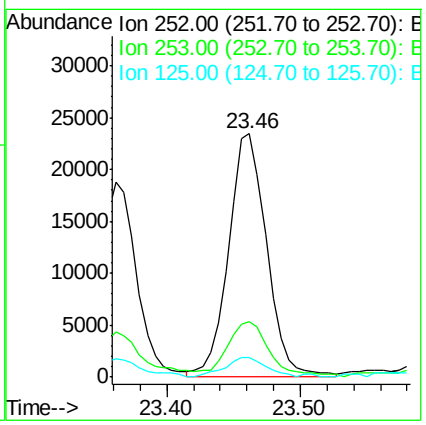


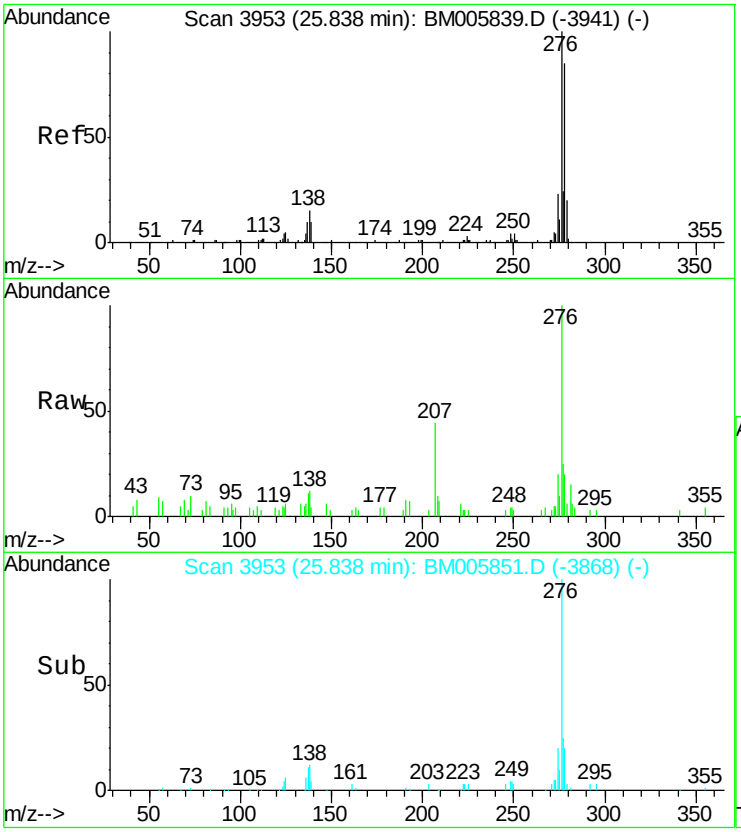


#38
Benzo(a)pyrene
Concen: 4.40 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Tgt Ion:252 Resp: 46675

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	7.9	5.1	7.7#



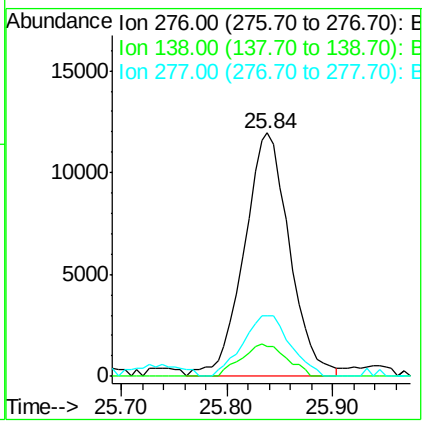


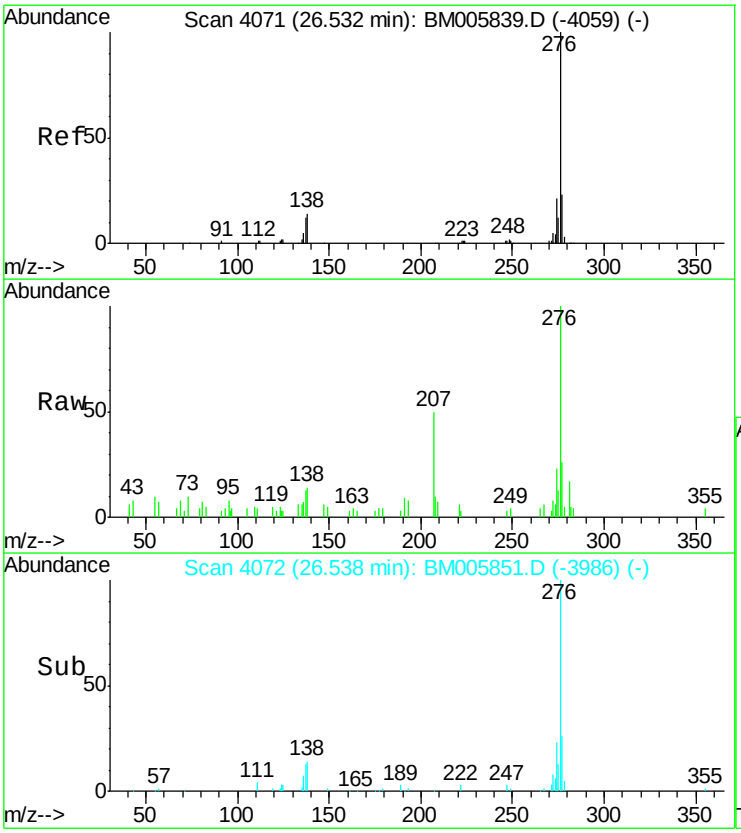
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.75 ng/ul
RT: 25.84 min Scan# 3953
Delta R.T. -0.00 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Instrument :
BNA_M
ClientSampleId :
D9Y40

Tgt Ion:276 Resp: 35604

Ion	Ratio	Lower	Upper
276	100		
138	16.8	11.9	17.9
277	24.9	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 3.17 ng/ul
RT: 26.54 min Scan# 4072
Delta R.T. 0.01 min
Lab File: BM005851.D
Acq: 17 Jun 2016 05:14

Tgt Ion:276 Resp: 34981

Ion	Ratio	Lower	Upper
276	100		
138	14.0	10.6	15.8
277	26.4	19.6	29.4