Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006595.D
Acq On : 21 Jul 2016 19:46
Operator : UM/SJ
Sample : H4078-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YS2

Quant Time: Jul 22 01:56:53 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142055	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	602561	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	343008	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	801641	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	980016	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1021556	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5159	1.47	ng/uL	0.00
3) Phenol-d5	6.79	99	166038	13.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	122780	16.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	143073	14.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	102294	10.91	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	69335	15.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	70461	14.53	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	131252	14.32	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	151946	15.05	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	431672	16.05	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	543990	15.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	24823	5.31	ng/ul	0.01
21) Fluorene-d10	15.26	176	396999	16.51	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	26009	6.25	ng/ul	0.00
26) Anthracene-d10	17.11	188	608107	15.98	ng/ul	0.00
30) Pyrene-d10	19.42	212	709213	15.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	749113	15.94	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	97683	2.17	ng/ul	99
27) Anthracene	17.06	178	97683	2.10	ng/ul	98
28) Fluoranthene	19.08	202	209787	3.96	ng/ul	99
31) Pyrene	19.44	202	178402	3.01	ng/ul	97
32) Benzo(a)anthracene	21.20	228	104828	1.76	ng/ul	97
33) Chrysene	21.25	228	113332	2.07	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	153774	2.51	ng/ul	98
36) Benzo(k)fluoranthene	22.75	252	153774	2.60	ng/ul	99
38) Benzo(a)pyrene	23.31	252	103147	1.73	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.60	276	76266	1.10	ng/ul	98
41) Benzo(g,h,i)perylene	26.27	276	64331	1.09	ng/ul	96

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

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Acq On : 21 Jul 2016 19:46
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Sample : H4078-06
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YS2

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Quant Title : SVOA CALIBRATION
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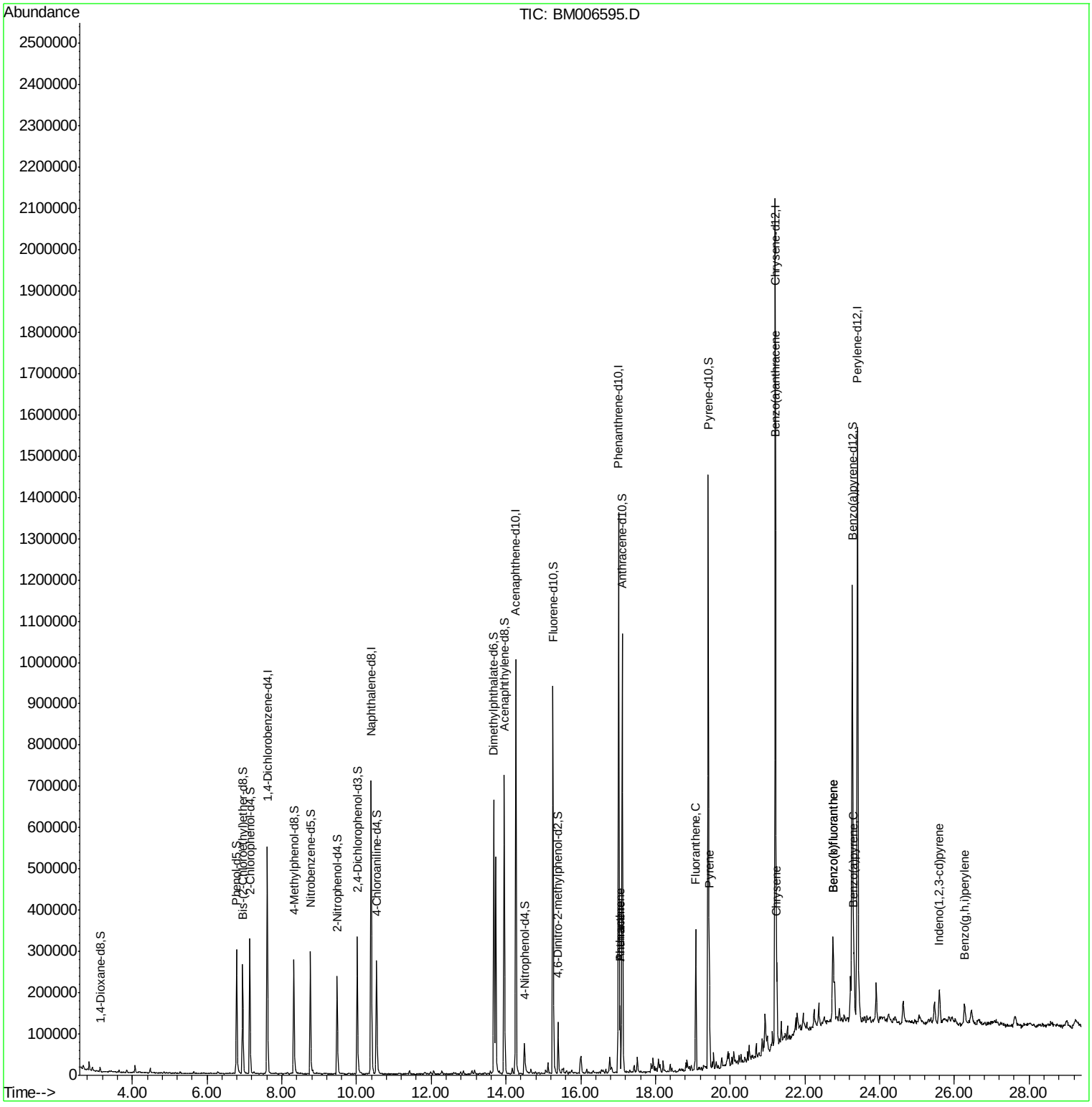
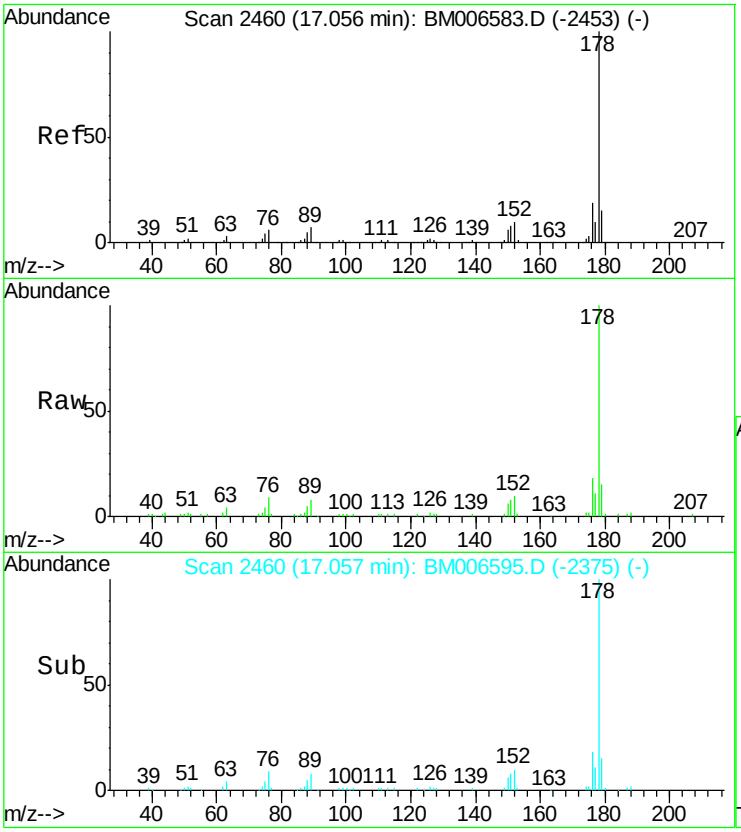


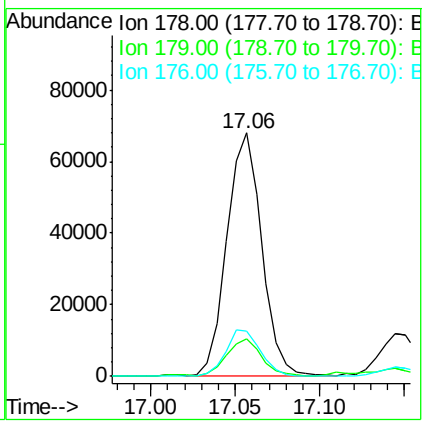


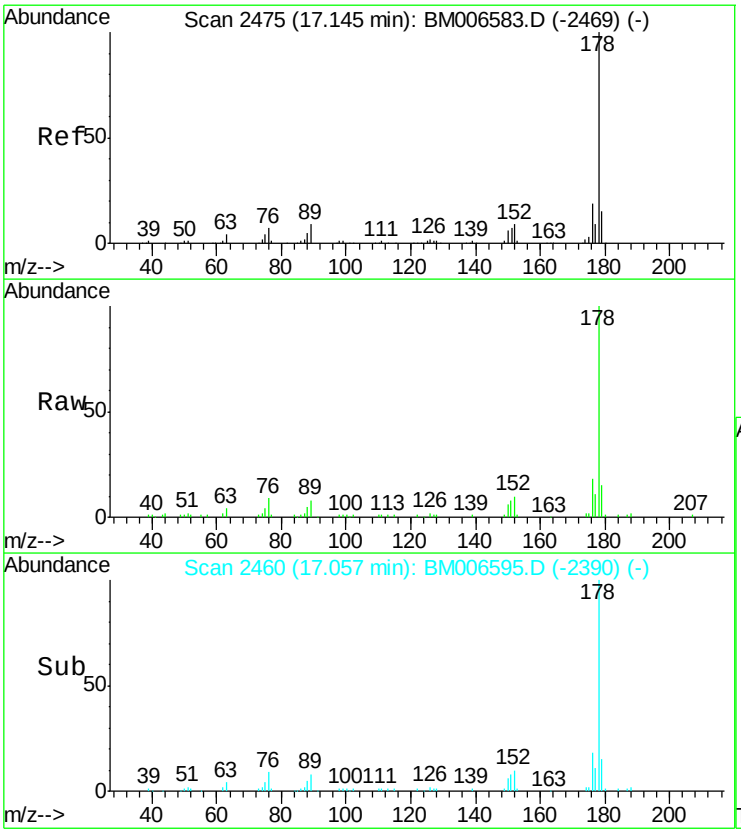
#25
Phenanthrene
Concen: 2.17 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:178 Resp: 97683

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.3	14.8	22.2

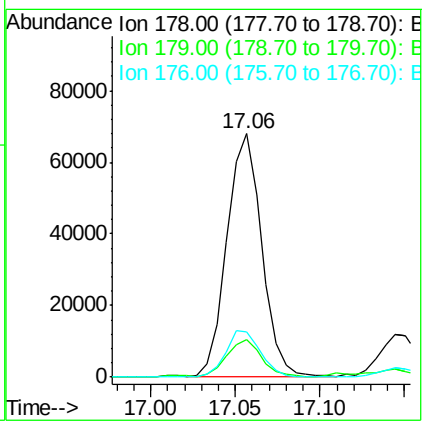


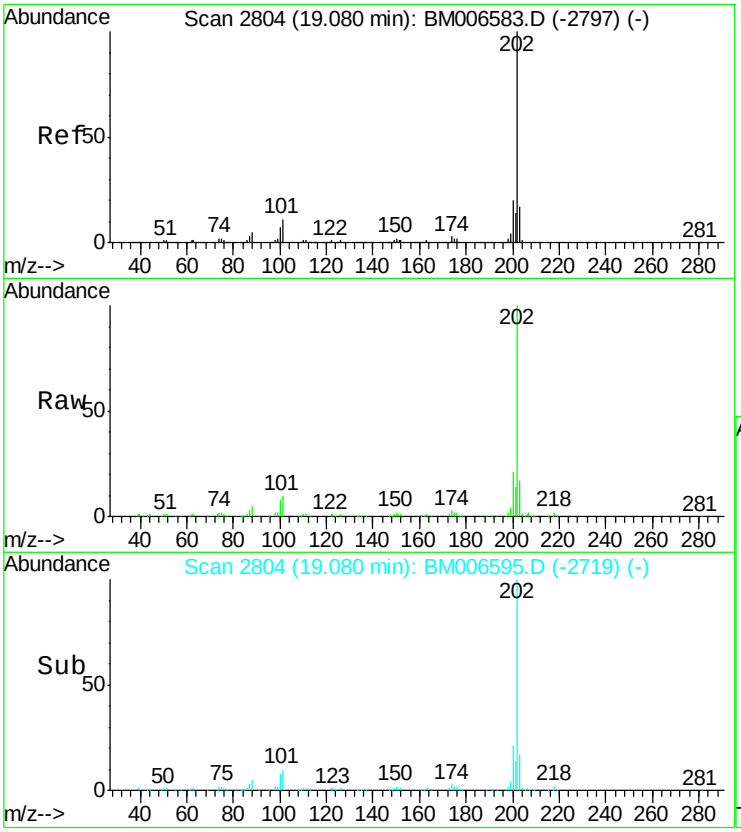


#27
Anthracene
Concen: 2.10 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. -0.09 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion:178 Resp: 97683

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.3	15.6	23.4



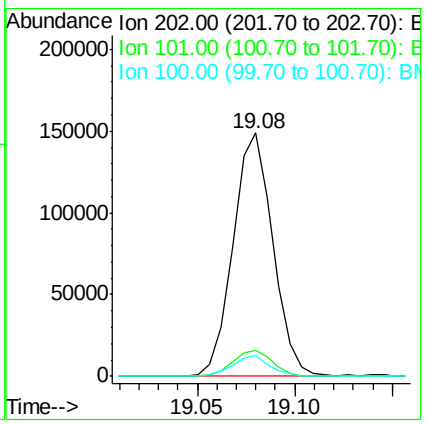


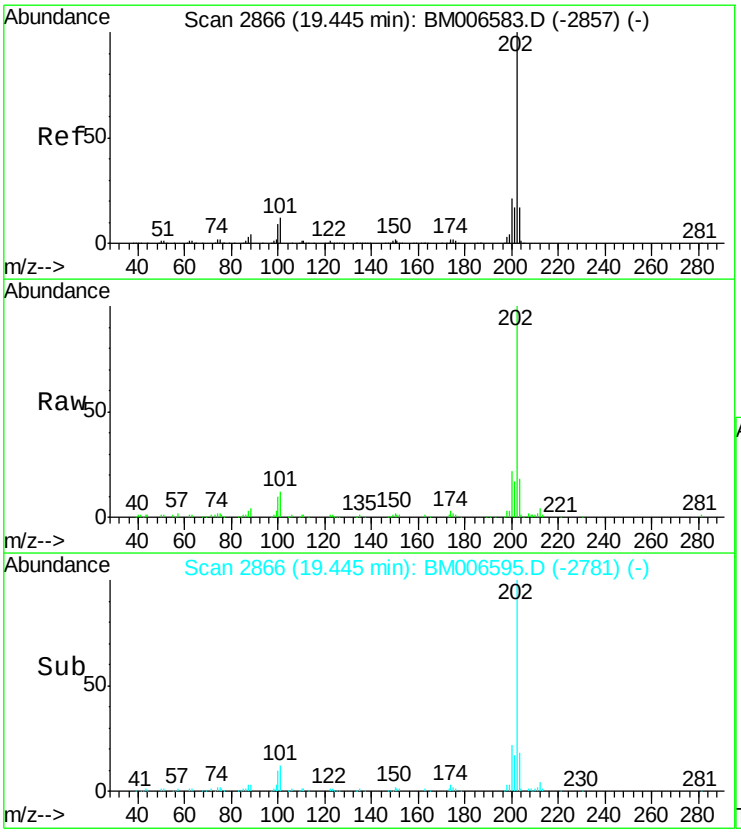
#28
Fluoranthene
Concen: 3.96 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:202 Resp: 209787

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
100	8.4	7.0	10.4

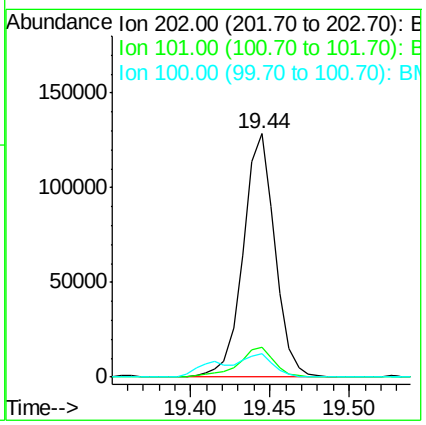


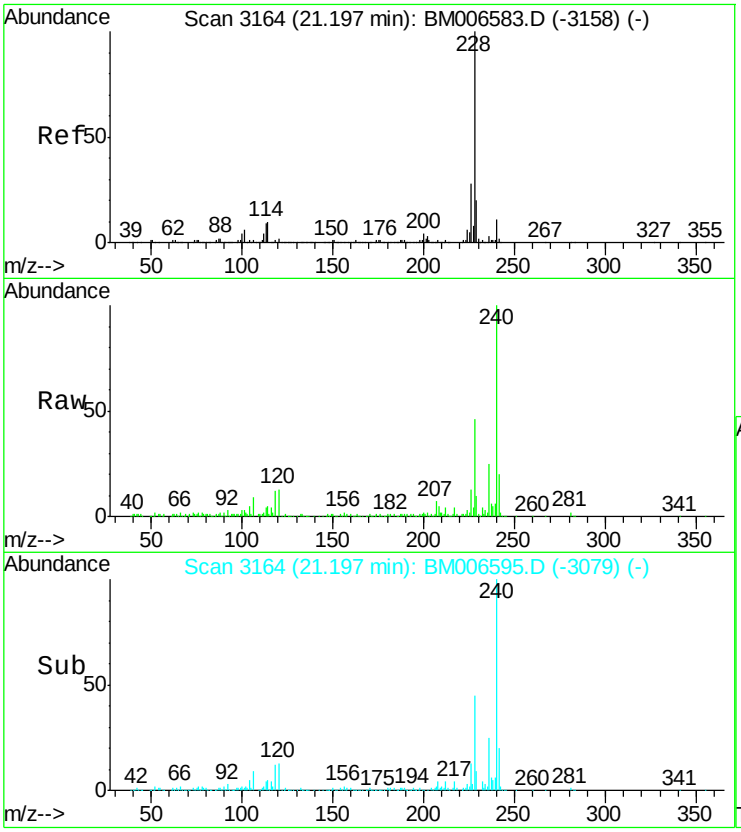


#31
Pyrene
Concen: 3.01 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion:202 Resp: 178402

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.7	9.3	13.9



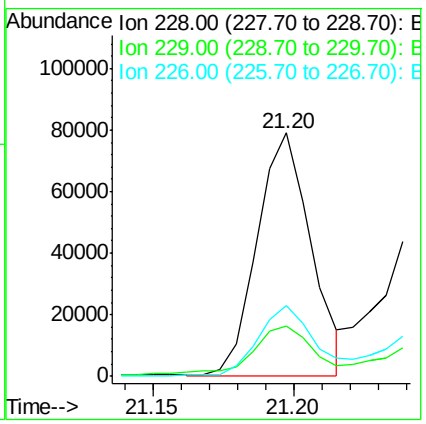


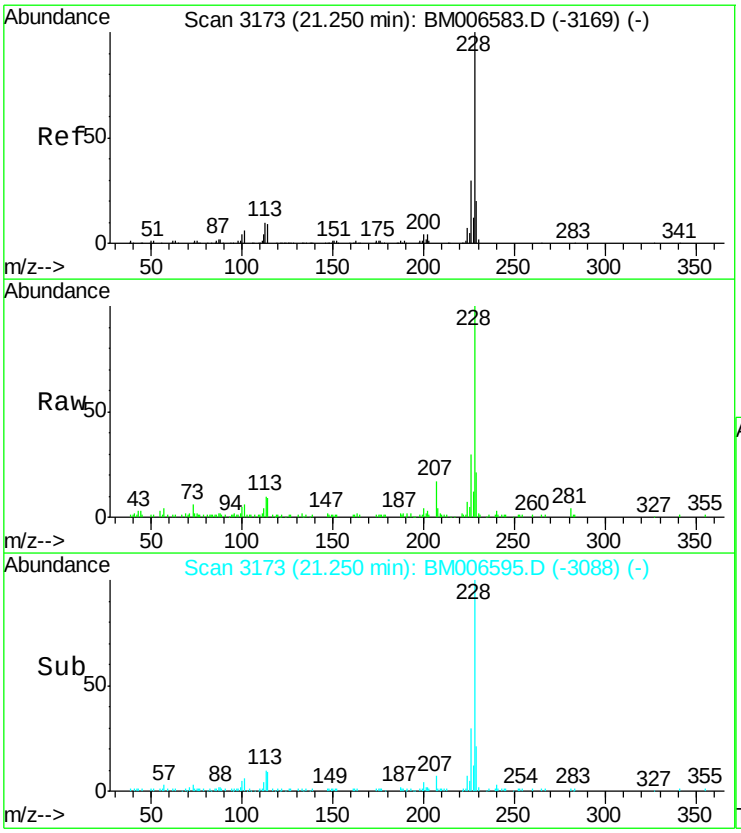
#32
Benzo(a)anthracene
Concen: 1.76 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:228 Resp: 104828

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	28.8	21.0	31.4

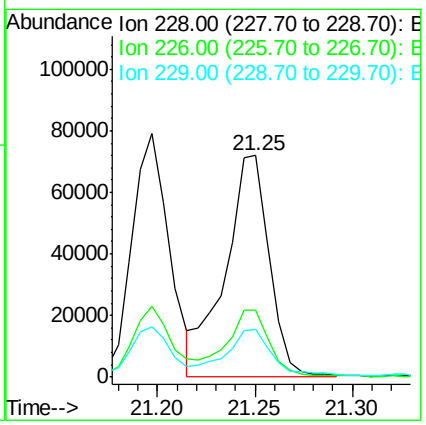


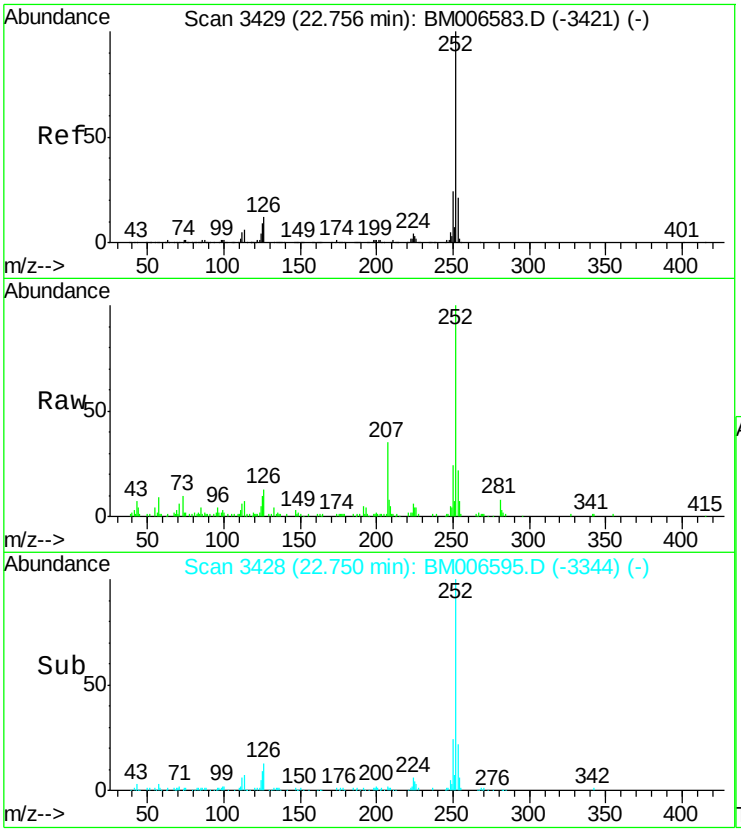


#33
Chrysene
Concen: 2.07 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion:228 Resp: 113332

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.5	16.2	24.2



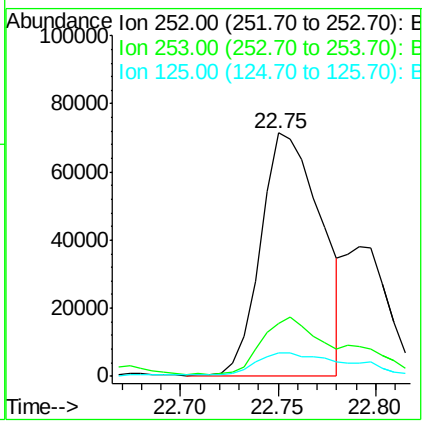


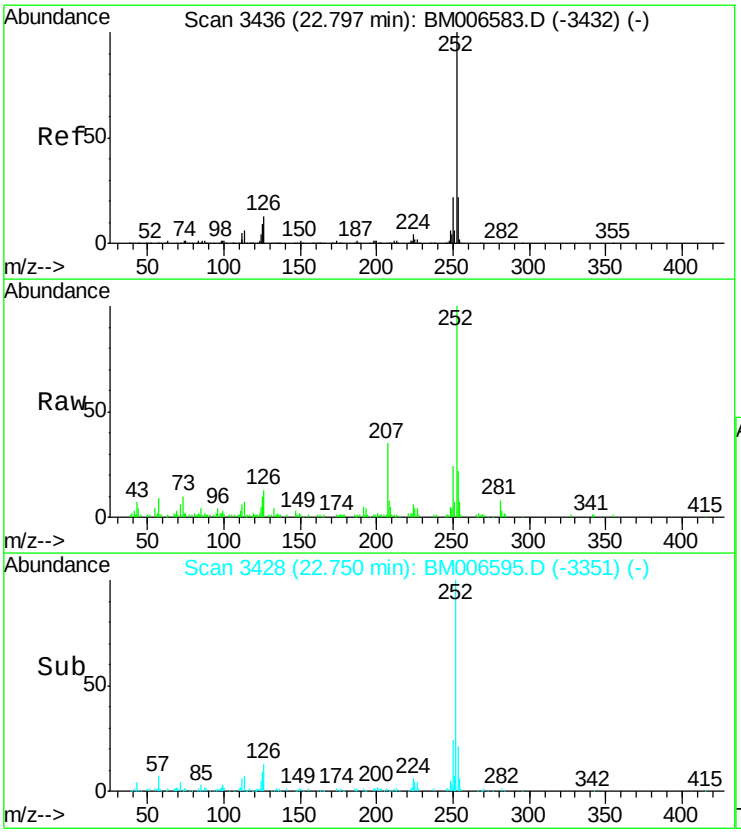
#35
Benzo(b)fluoranthene
Concen: 2.51 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:252 Resp: 153774

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.8	7.6	11.4

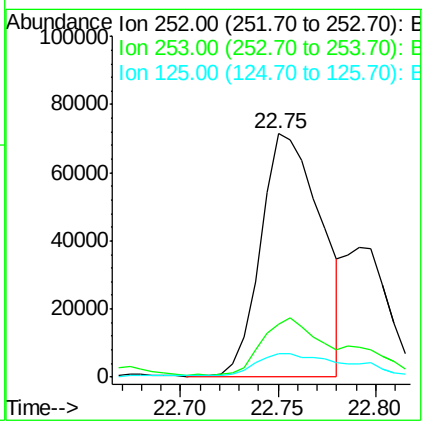


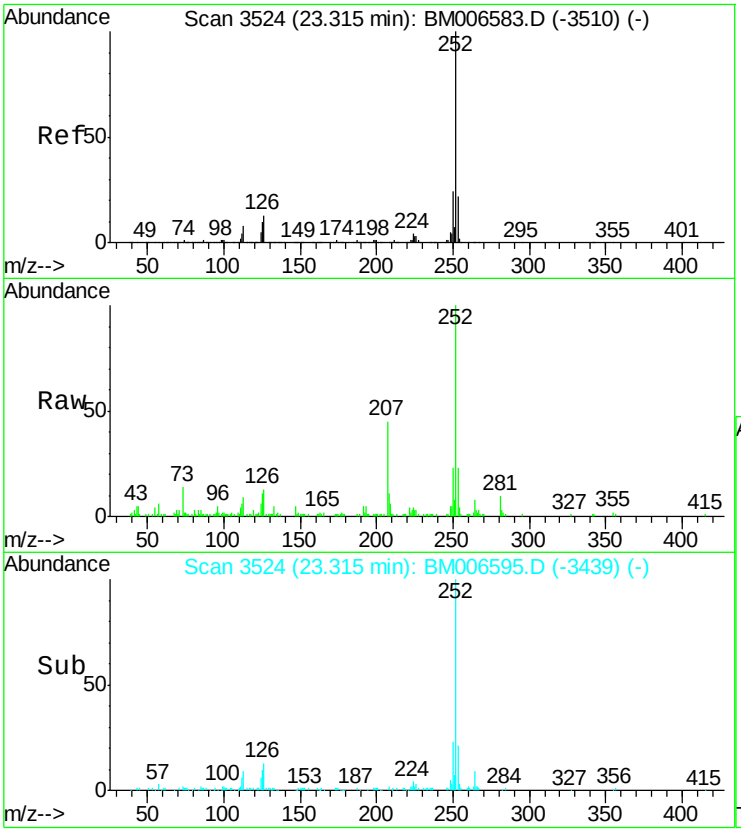


#36
Benzo(k)fluoranthene
Concen: 2.60 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion:252 Resp: 153774

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	9.8	7.7	11.5



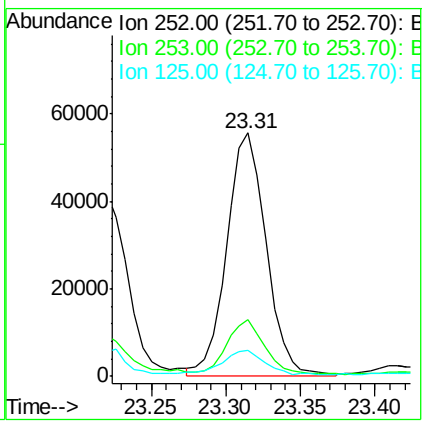


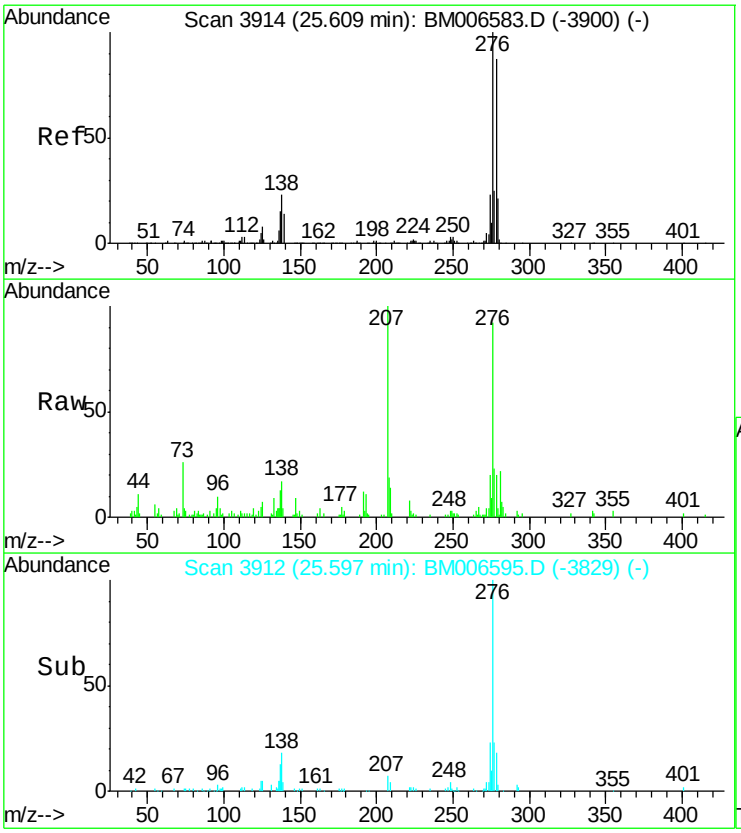
#38
Benzo(a)pyrene
Concen: 1.73 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:252 Resp: 103147

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	10.9	8.2	12.2

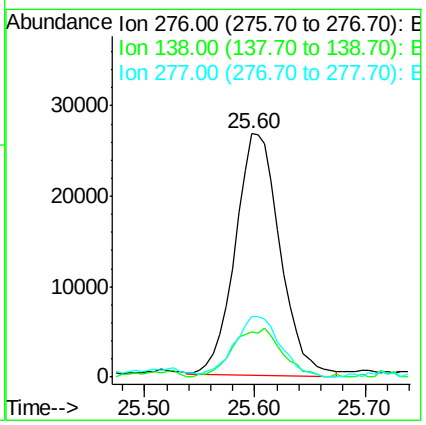


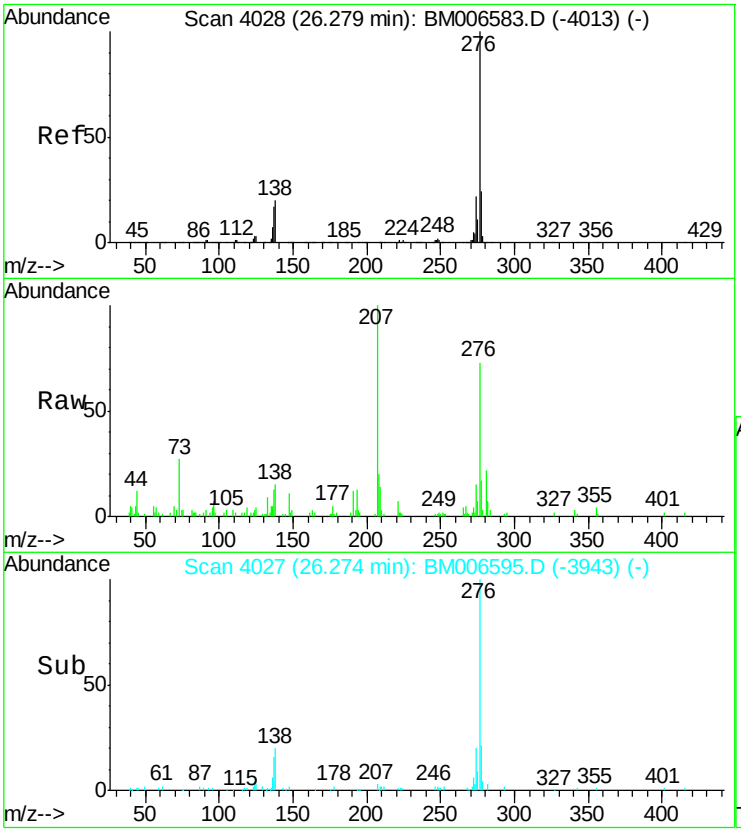


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.10 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Tgt Ion:276 Resp: 76266

Ion	Ratio	Lower	Upper
276	100		
138	18.8	15.8	23.6
277	24.8	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.09 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006595.D
Acq: 21 Jul 2016 19:46

Instrument :
BNA_M
ClientSampleId :
D9YS2

Tgt Ion:276 Resp: 64331

Ion	Ratio	Lower	Upper
276	100		
138	20.0	13.9	20.9
277	23.2	19.8	29.6