Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006787.D
Acq On : 31 Jul 2016 13:44
Operator : UM/SJ
Sample : H4189-11
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:27:28 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	188571	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	835282	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	471869	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1067742	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1210555	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1274492	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7666	1.64	ng/uL	0.00
3) Phenol-d5	6.79	99	292442	18.23	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	206456	20.77	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	245824	19.18	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	145759	11.72	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	127815	20.22	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	137407	20.44	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	243362	19.15	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	280354	20.03	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	764980	20.68	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1003709	21.25	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	98432	15.32	ng/ul	0.00
21) Fluorene-d10	15.26	176	704178	21.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	84942	15.33	ng/ul	0.00
26) Anthracene-d10	17.11	188	1059101	20.89	ng/ul	0.00
30) Pyrene-d10	19.41	212	1236310	22.41	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1276211	21.77	ng/ul	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	410844	6.84	ng/ul	100
27) Anthracene	17.14	178	78515	1.27	ng/ul	97
28) Fluoranthene	19.07	202	905400	12.83	ng/ul	99
31) Pyrene	19.44	202	751515	10.25	ng/ul	97
32) Benzo(a)anthracene	21.19	228	419408	5.72	ng/ul	98
33) Chrysene	21.24	228	431656	6.38	ng/ul	99
35) Benzo(b)fluoranthene	22.75	252	633898	8.30	ng/ul	99
36) Benzo(k)fluoranthene	22.75	252	633898	8.58	ng/ul	99
38) Benzo(a)pyrene	23.31	252	398273	5.36	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	313357	3.64	ng/ul	96
41) Benzo(g,h,i)perylene	26.28	276	298938	4.05	ng/ul	97

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

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
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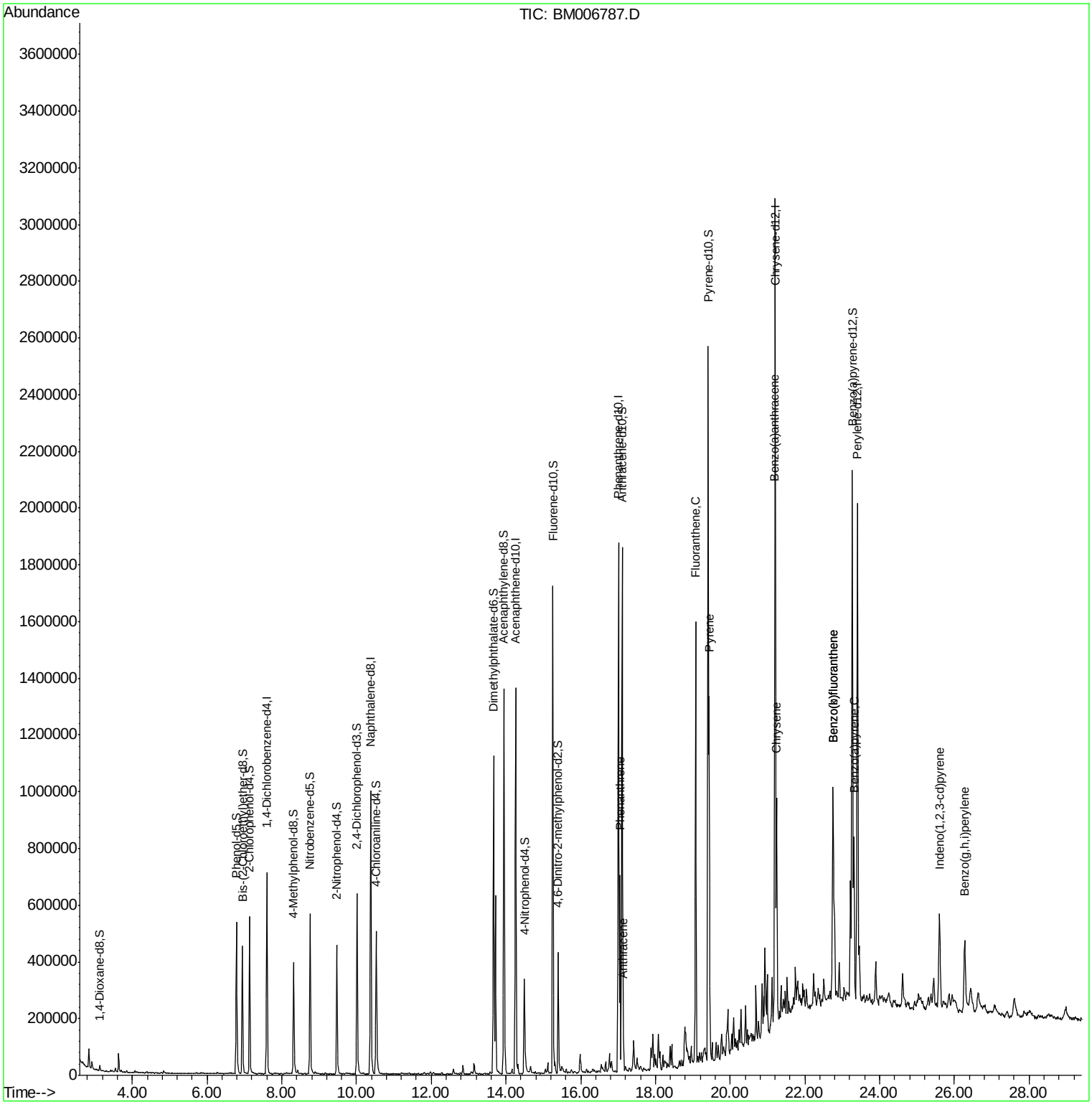
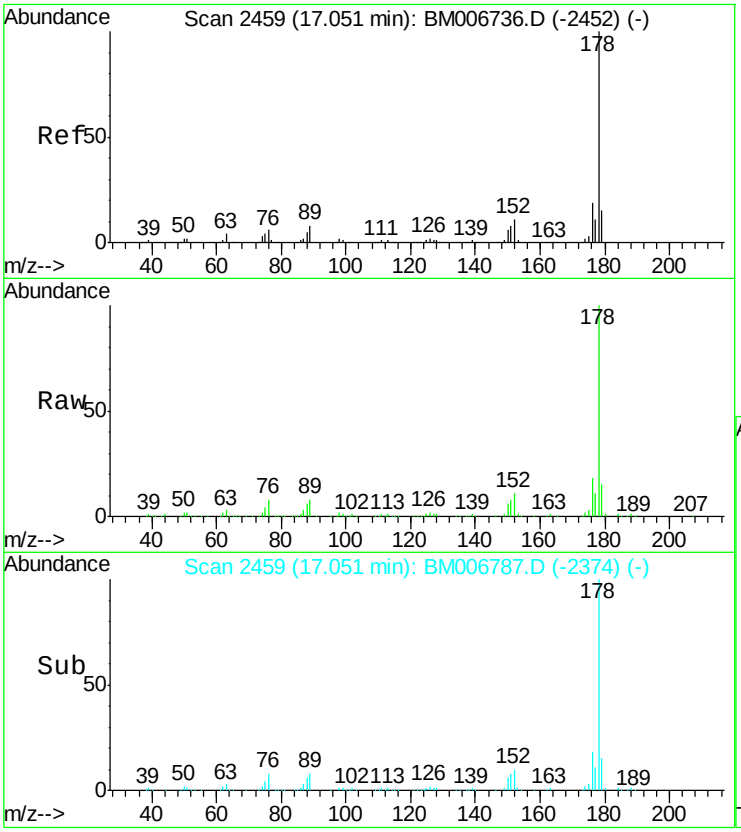


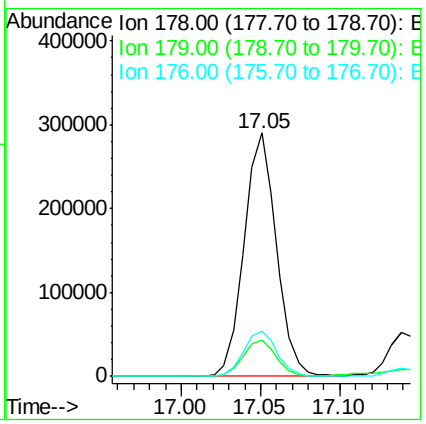


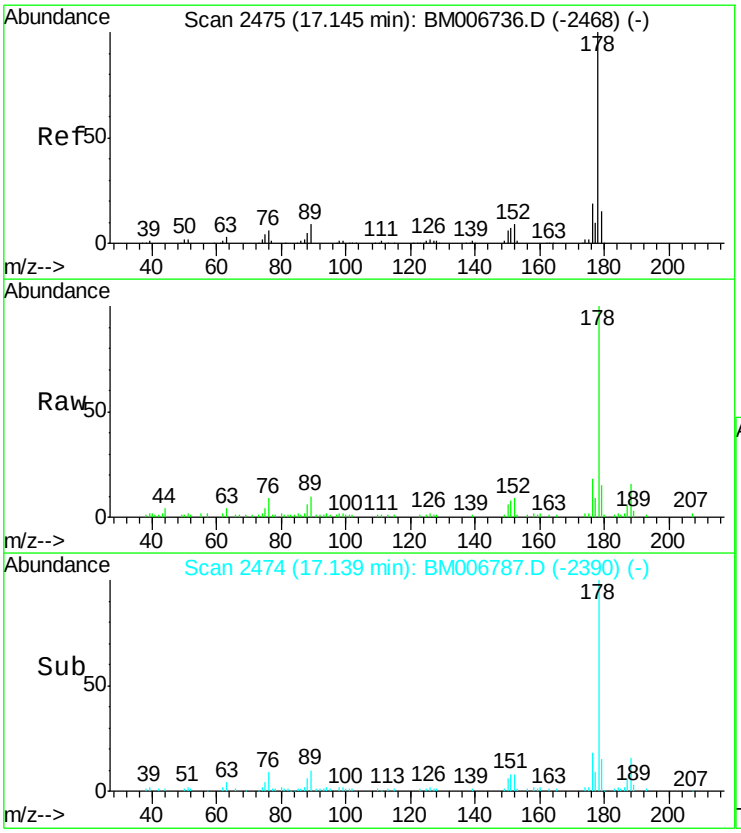
#25
Phenanthrene
Concen: 6.84 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 410844

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	18.4	14.8	22.2

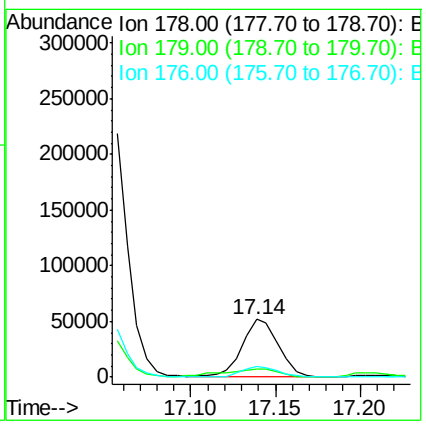


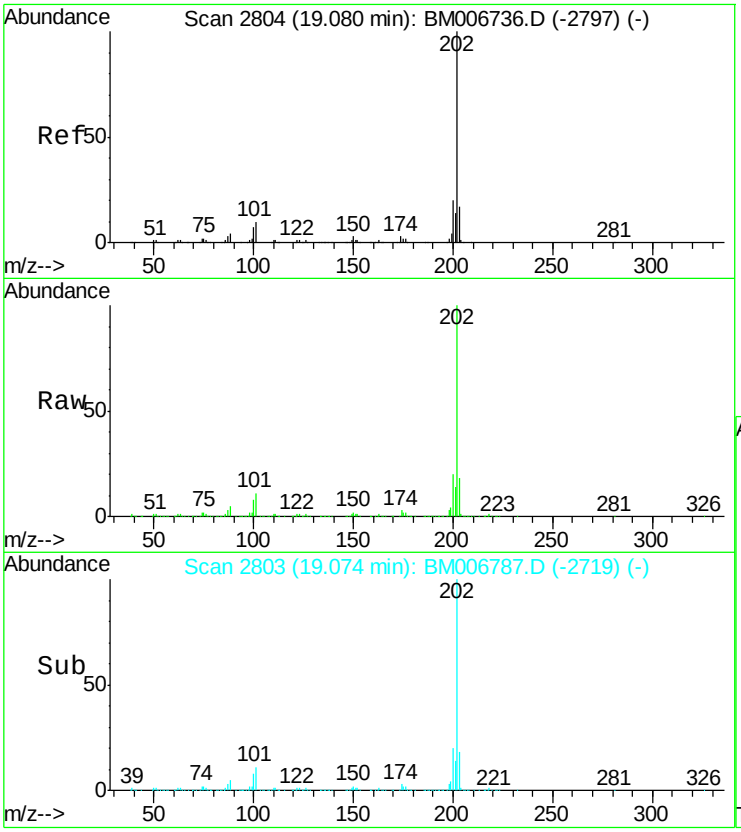


#27
Anthracene
Concen: 1.27 ng/ul
RT: 17.14 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Tgt Ion:178 Resp: 78515

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.9	19.3
176	18.0	15.6	23.4



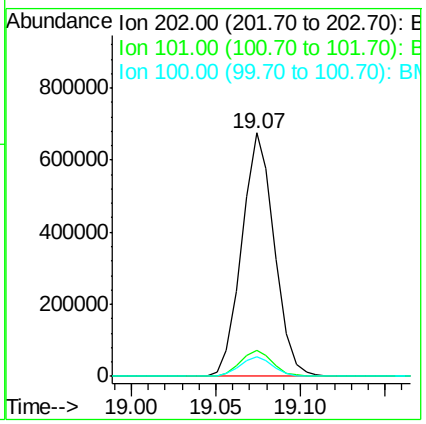


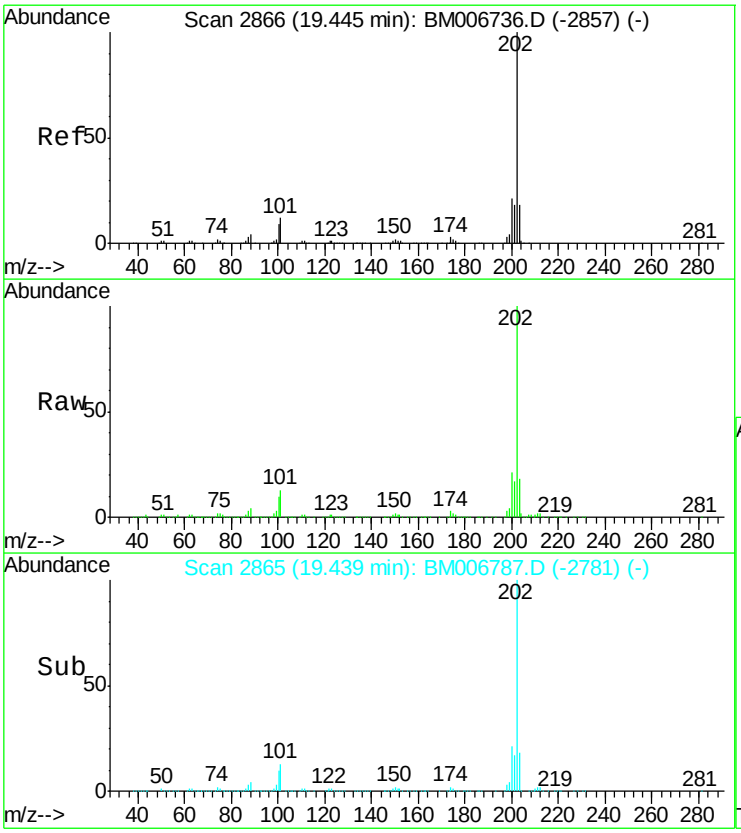
#28
Fluoranthene
Concen: 12.83 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 905400

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.0	7.0	10.4

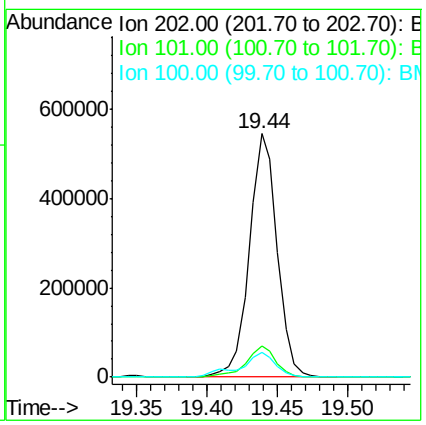


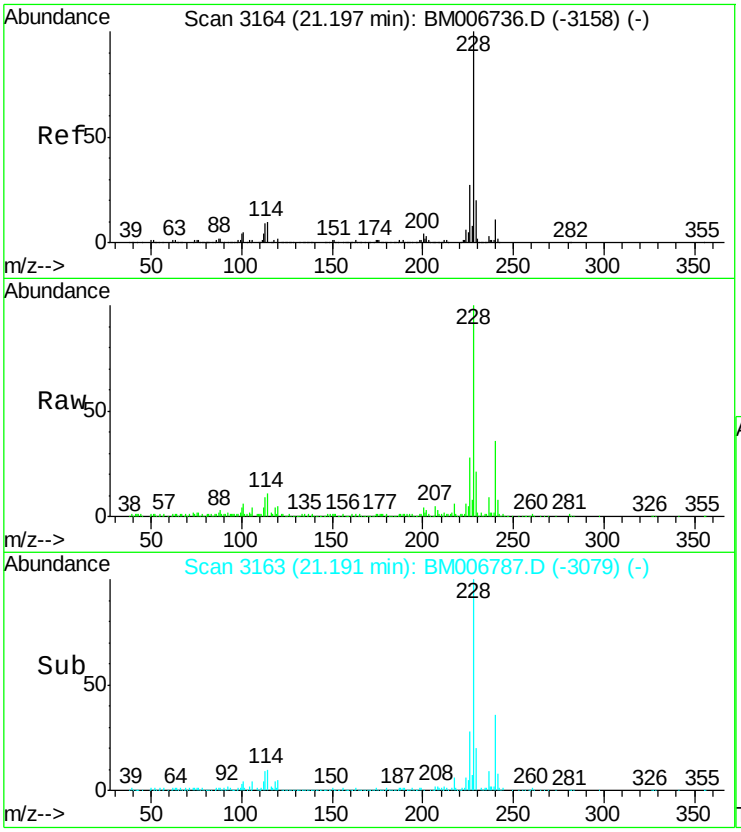


#31
Pyrene
Concen: 10.25 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Tgt Ion:202 Resp: 751515

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.1	9.3	13.9



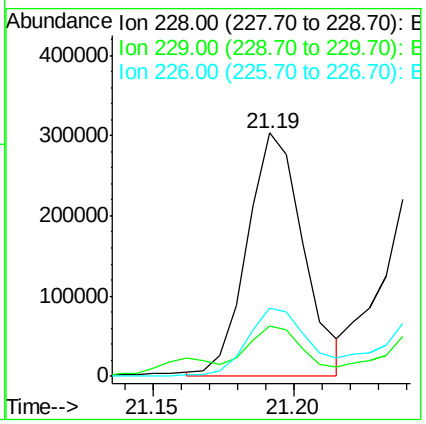


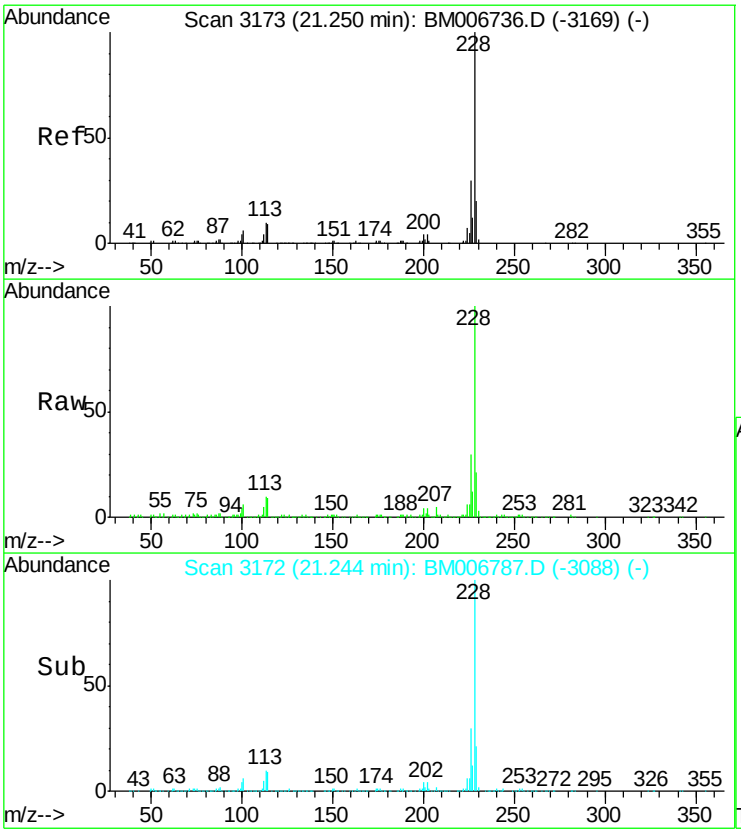
#32
Benzo(a)anthracene
Concen: 5.72 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 419408

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	28.0	21.0	31.4

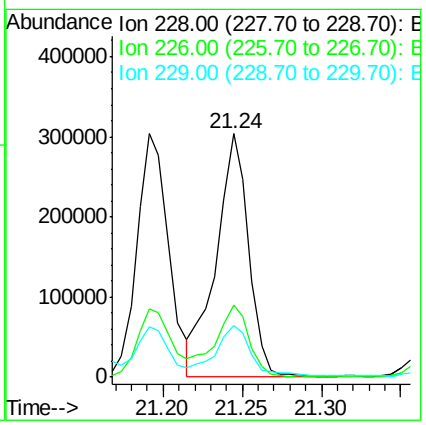


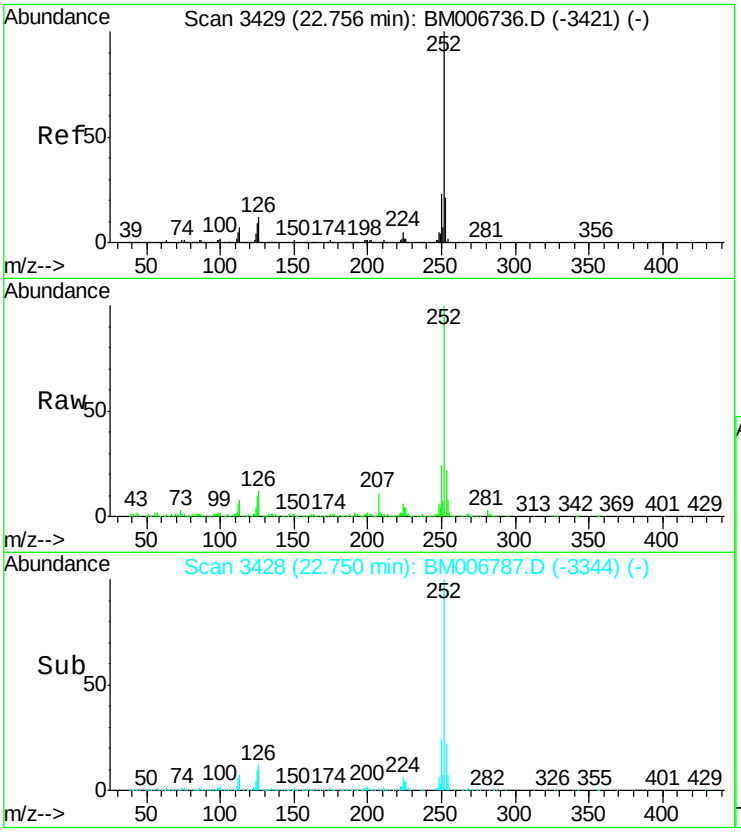


#33
Chrysene
Concen: 6.38 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Tgt Ion:228 Resp: 431656

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.2	16.2	24.2



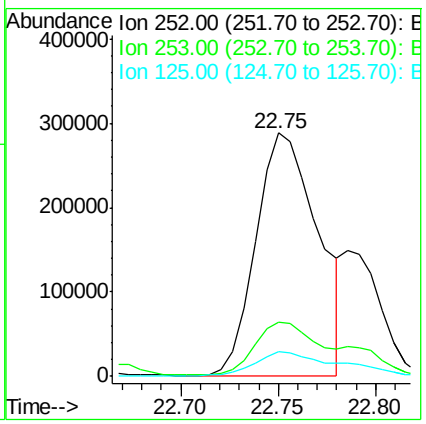


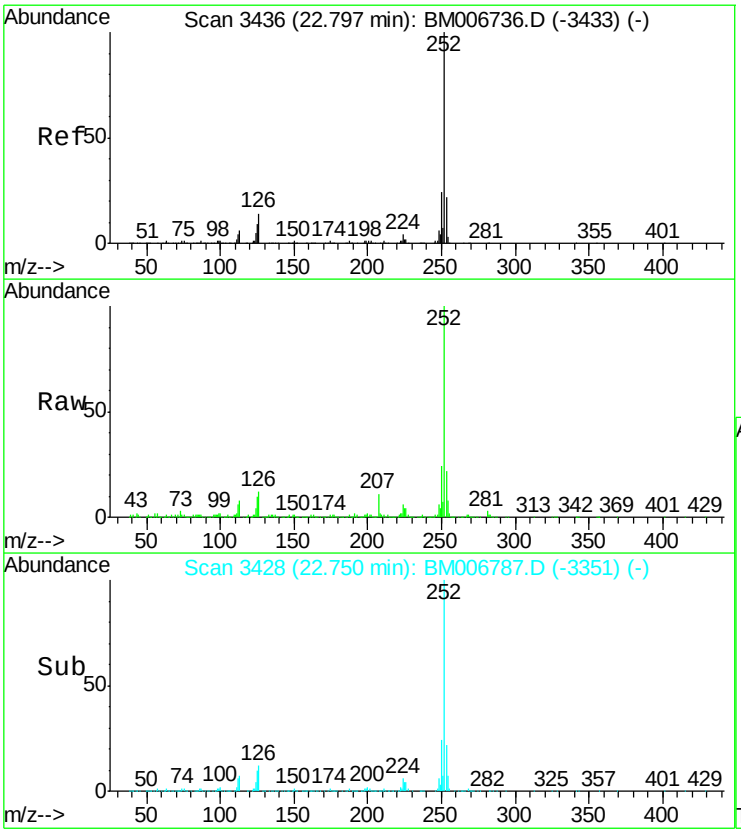
#35
Benzo(b)fluoranthene
Concen: 8.30 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 633898

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.2	7.6	11.4

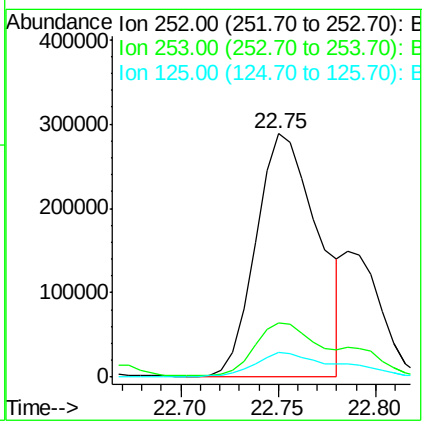


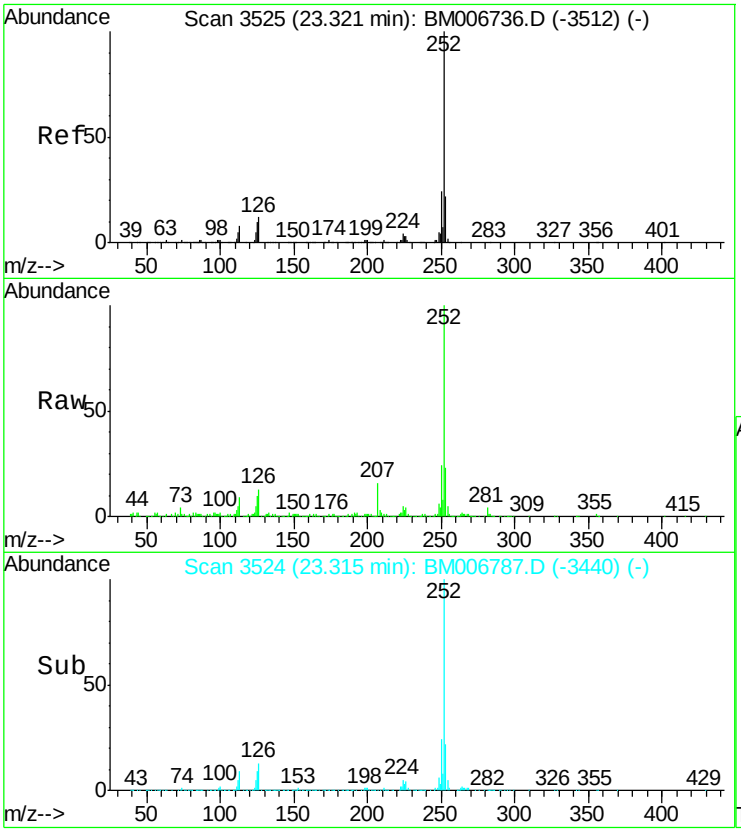


#36
Benzo(k)fluoranthene
Concen: 8.58 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.05 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Tgt Ion:252 Resp: 633898

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.2	7.7	11.5



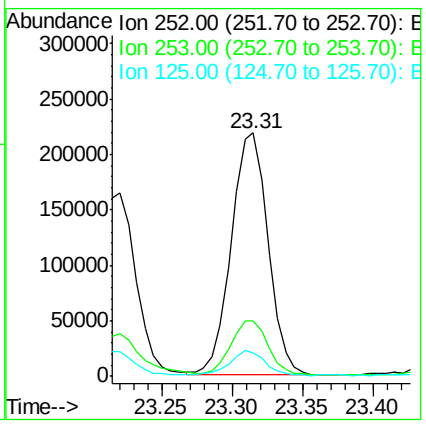


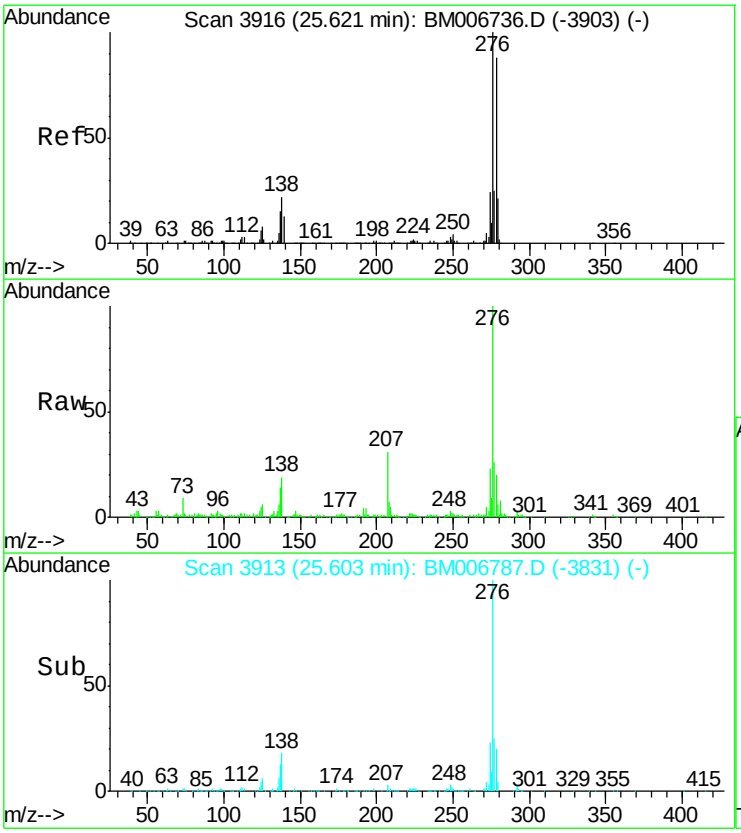
#38
Benzo(a)pyrene
Concen: 5.36 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 398273

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	9.5	8.2	12.2

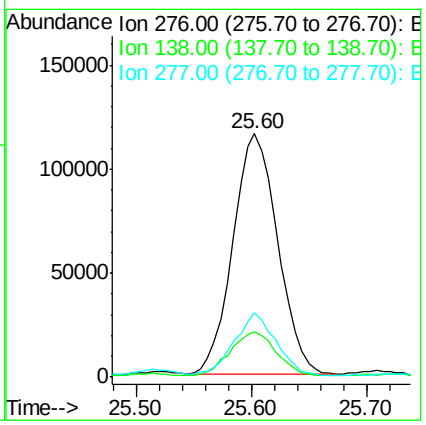


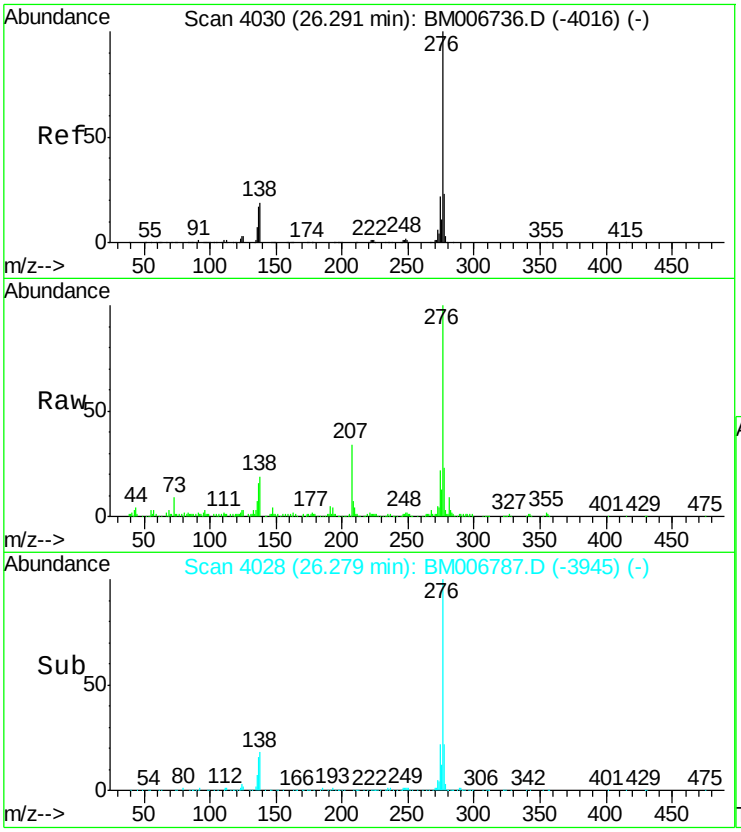


#39
Indeno(1,2,3-cd)pyrene
Concen: 3.64 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.02 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Tgt Ion:276 Resp: 313357

Ion	Ratio	Lower	Upper
276	100		
138	18.7	15.8	23.6
277	26.2	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 4.05 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM006787.D
Acq: 31 Jul 2016 13:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 298938

Ion	Ratio	Lower	Upper
276	100		
138	19.0	13.9	20.9
277	23.2	19.8	29.6