Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006807.D
Acq On : 01 Aug 2016 02:33
Operator : UM/SJ
Sample : H4188-16MSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:46:17 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	259835	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	1126624	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	615131	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1325830	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1378101	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1453987	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7977	1.24	ng/uL	0.00
3) Phenol-d5	6.79	99	309420	14.00	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	237197	17.32	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	272337	15.42	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	163100	9.51	ng/ul	0.00
8) Nitrobenzene-d5	8.84	128	595	0.07	ng/ul	0.08
9) 2-Nitrophenol-d4	9.47	143	161432	17.80	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	271493	15.84	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	236110	12.51	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	849693	17.62	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1096949	17.82	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	80119	9.56	ng/ul	0.00
21) Fluorene-d10	15.26	176	755653	17.52	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	69834	10.15	ng/ul	0.00
26) Anthracene-d10	17.11	188	1125984	17.89	ng/ul	0.00
30) Pyrene-d10	19.42	212	1207800	19.23	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	1213306	18.14	ng/ul	0.00
Target Compounds						Qvalue
19) Acenaphthene	14.32	153	634436	14.97	ng/ul	95
25) Phenanthrene	17.06	178	200329	2.69	ng/ul	99
28) Fluoranthene	19.08	202	461699	5.27	ng/ul	97
31) Pyrene	19.44	202	1719489	20.61	ng/ul	97
32) Benzo(a)anthracene	21.20	228	256424	3.07	ng/ul	98
33) Chrysene	21.25	228	264320	3.43	ng/ul	95
35) Benzo(b)fluoranthene	22.76	252	402981	4.62	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	402981	4.78	ng/ul	97
38) Benzo(a)pyrene	23.33	252	265653	3.13	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.63	276	214826	2.19	ng/ul	98
41) Benzo(g,h,i)perylene	26.31	276	217169	2.58	ng/ul	96

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

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Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
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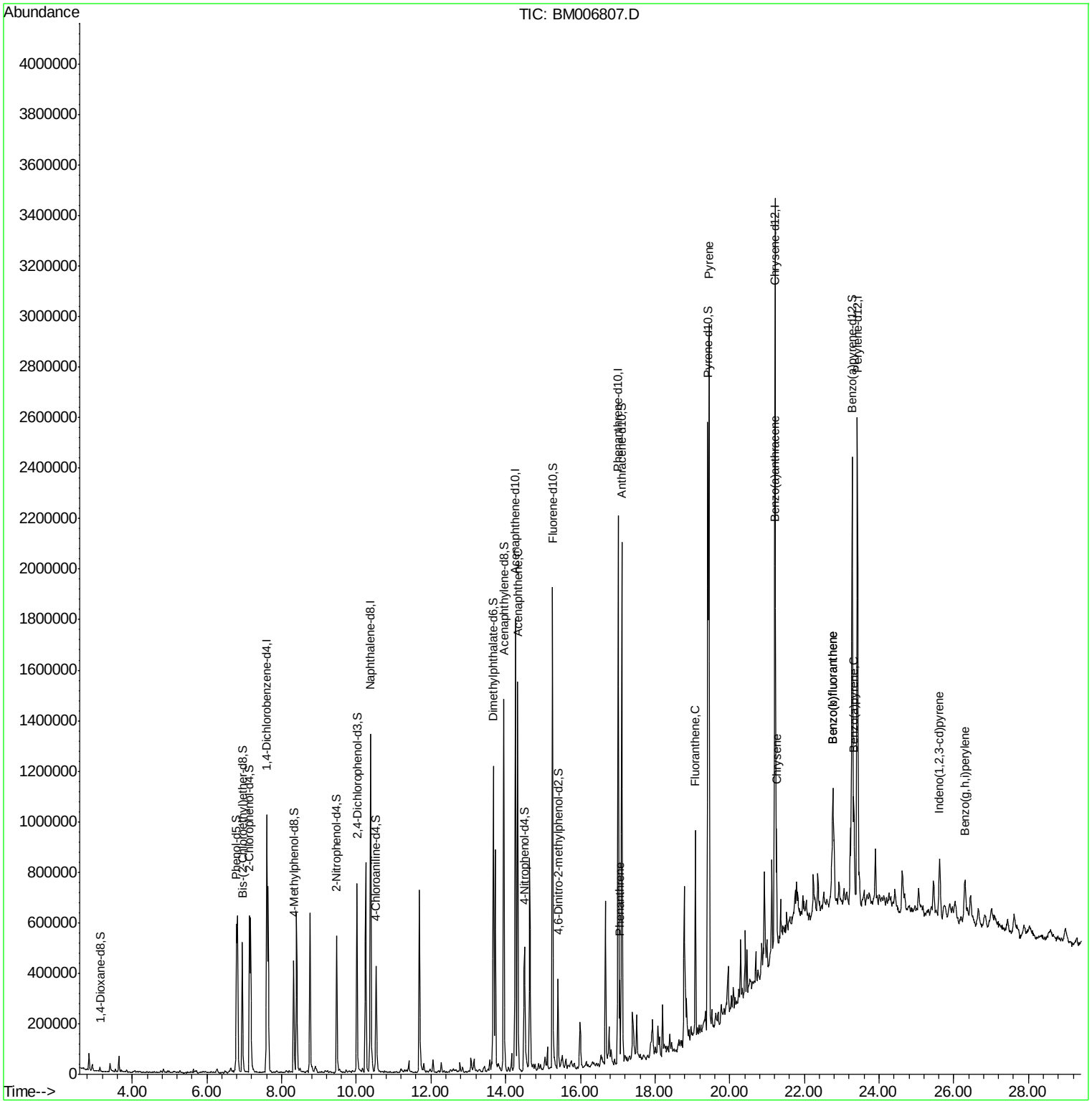
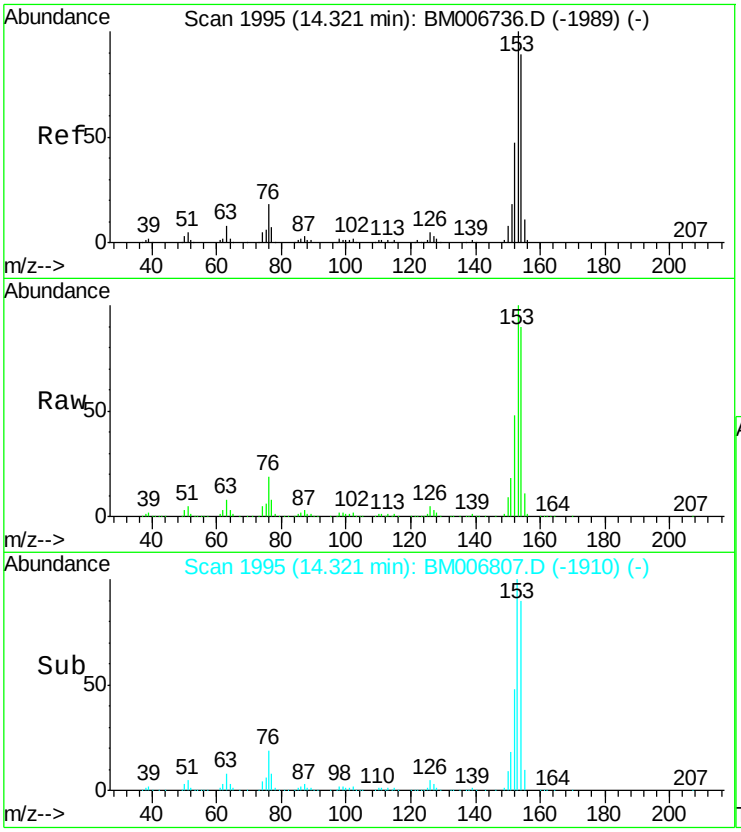
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 06:46:17 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



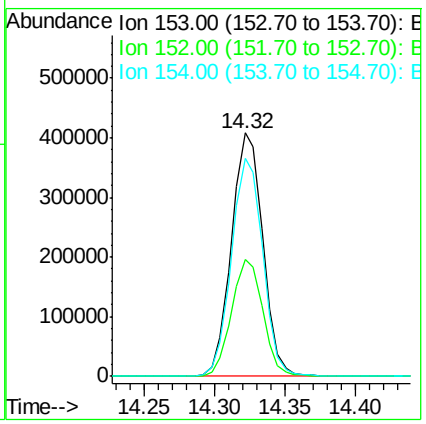


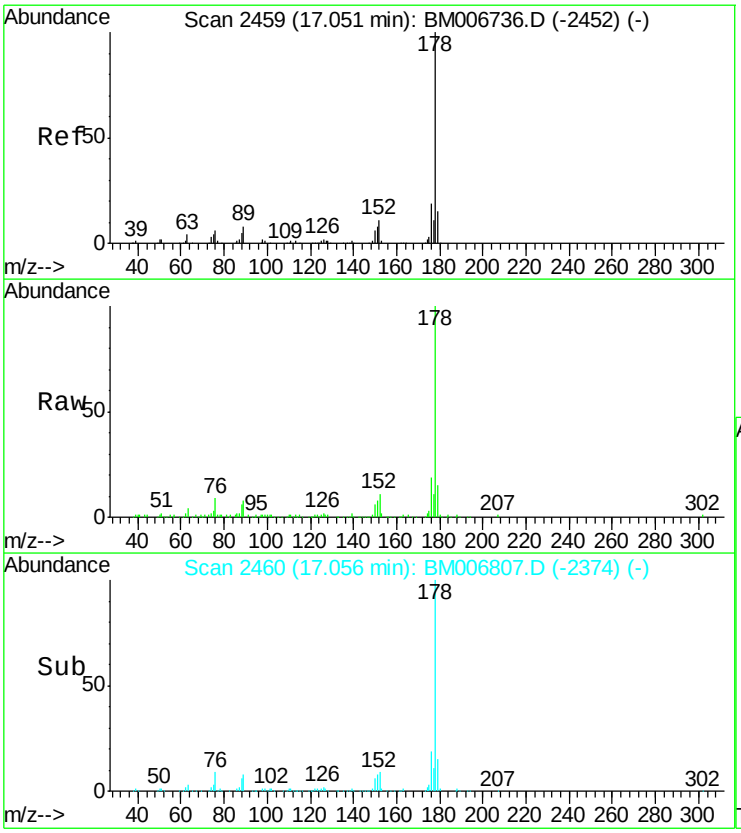
#19
Acenaphthene
Concen: 14.97 ng/ul
RT: 14.32 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 634436

Ion	Ratio	Lower	Upper
153	100		
152	48.2	36.5	54.7
154	89.8	67.3	100.9

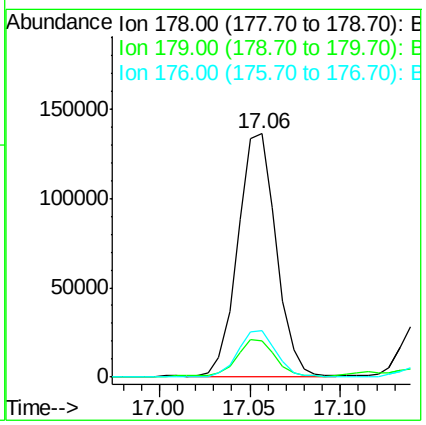


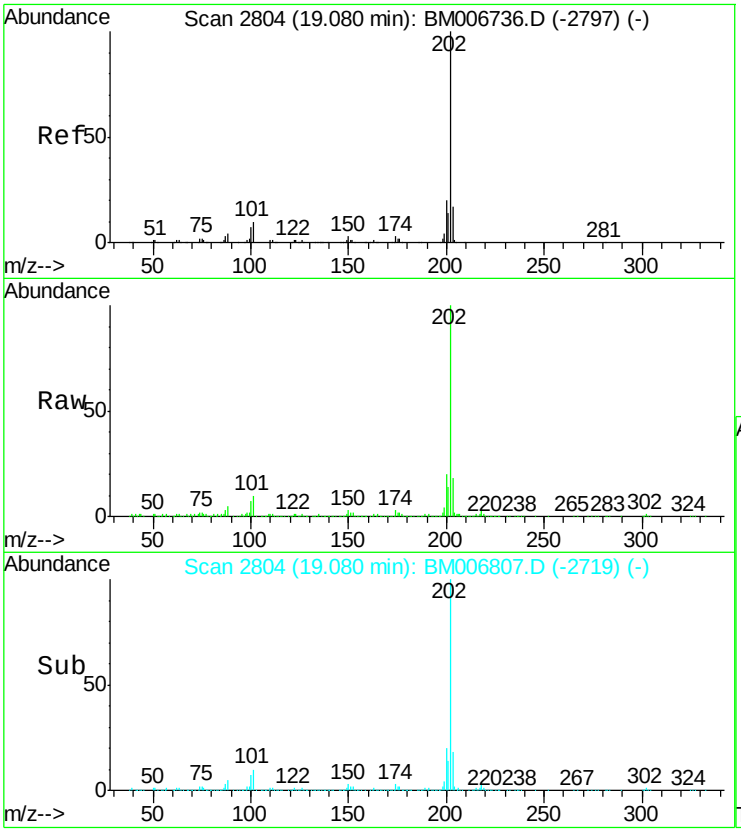


#25
Phenanthrene
Concen: 2.69 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Tgt Ion:178 Resp: 200329

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	19.2	14.8	22.2



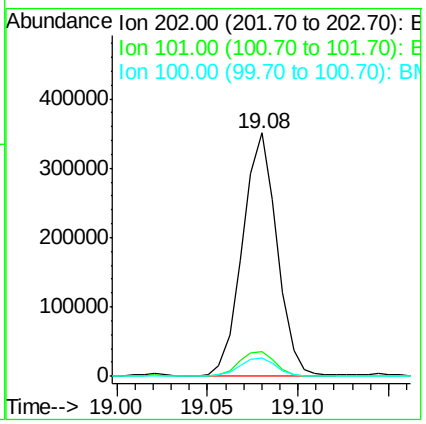


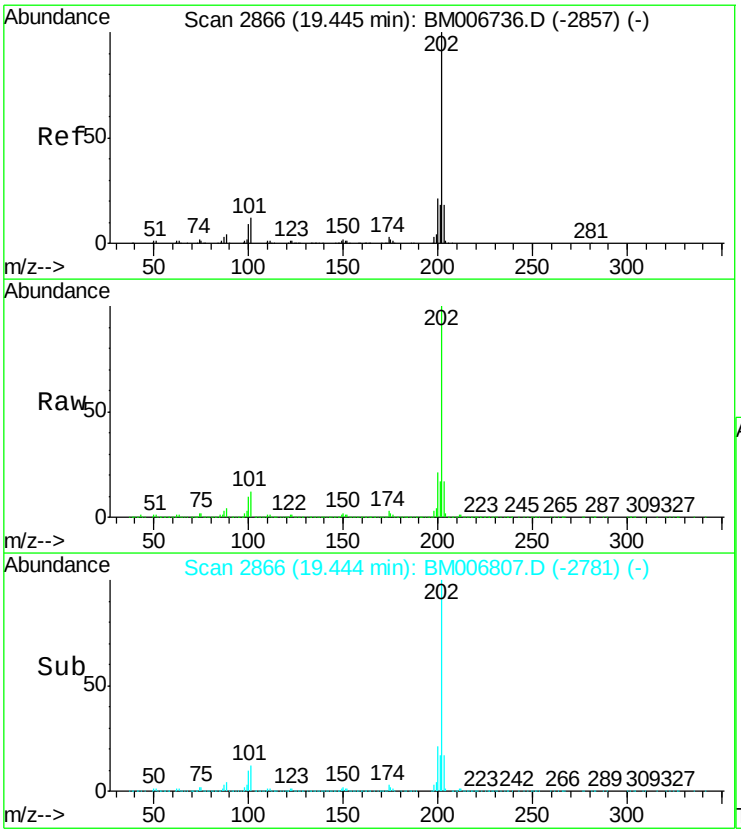
#28
Fluoranthene
Concen: 5.27 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 461699

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.9	13.3
100	7.4	7.0	10.4

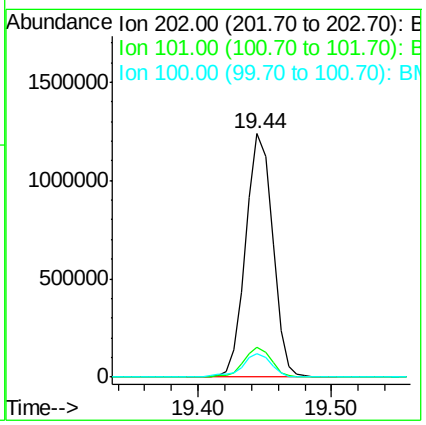


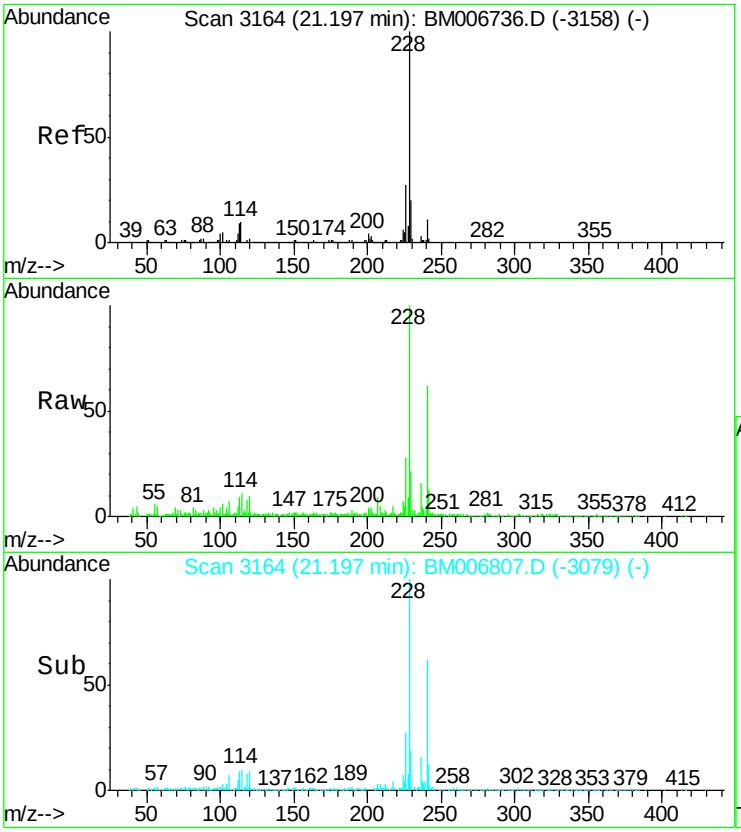


#31
Pyrene
Concen: 20.61 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Tgt Ion:202 Resp: 1719489

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.7	9.3	13.9



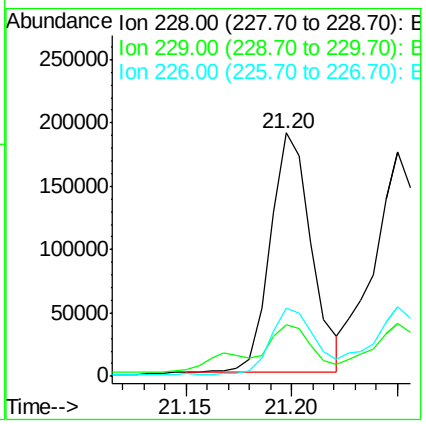


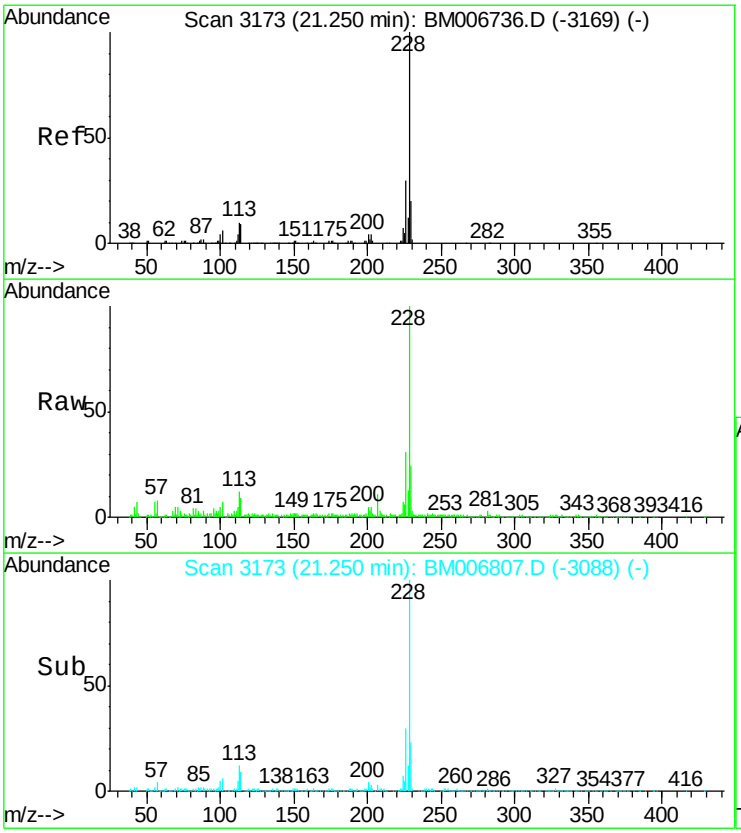
#32
Benzo(a)anthracene
Concen: 3.07 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 256424

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	28.0	21.0	31.4

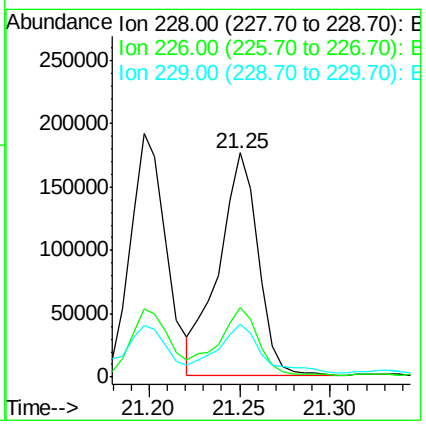


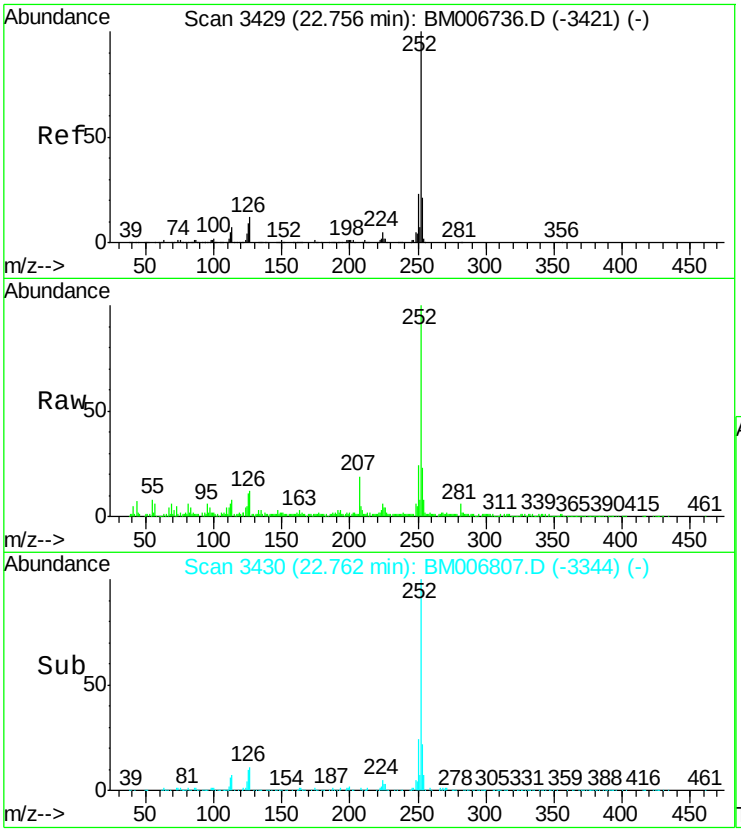


#33
Chrysene
Concen: 3.43 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Tgt Ion:228 Resp: 264320

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.2
229	23.7	16.2	24.2



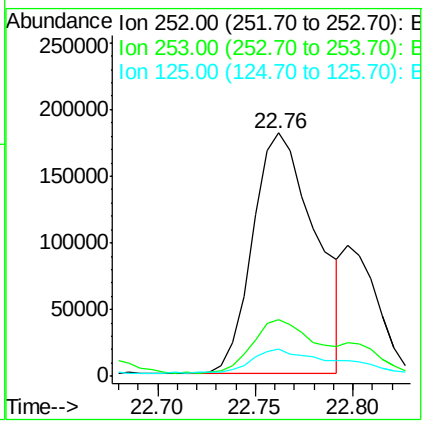


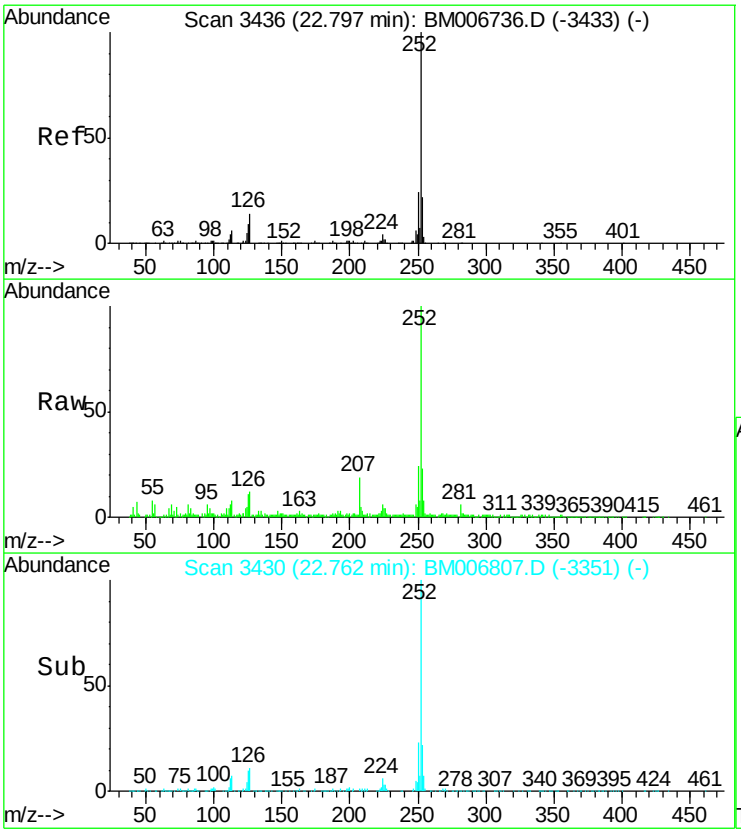
#35
Benzo(b)fluoranthene
Concen: 4.62 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 402981

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.1	27.1
125	11.4	7.6	11.4

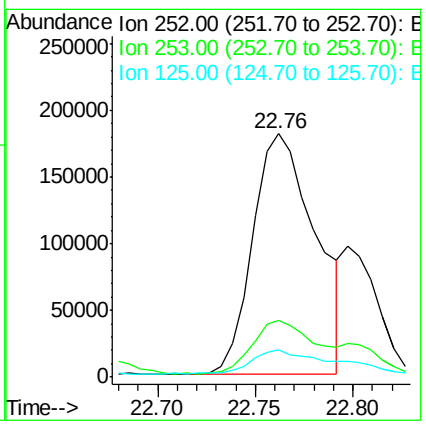


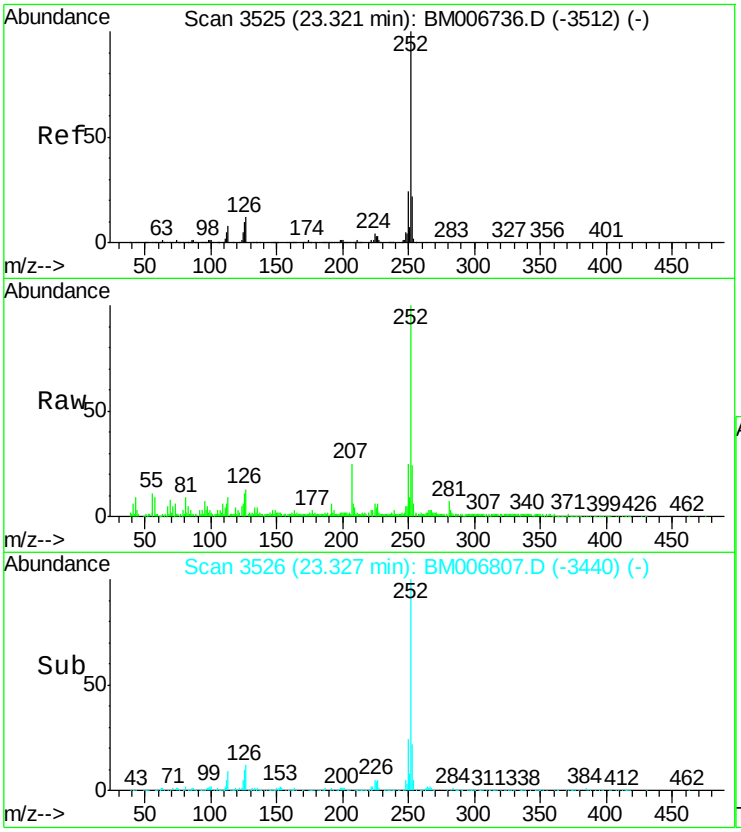


#36
Benzo(k)fluoranthene
Concen: 4.78 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Tgt Ion:252 Resp: 402981

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	11.4	7.7	11.5



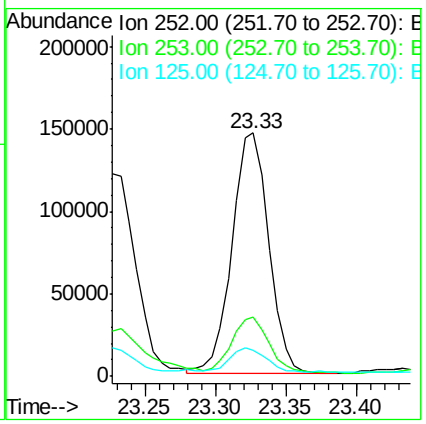


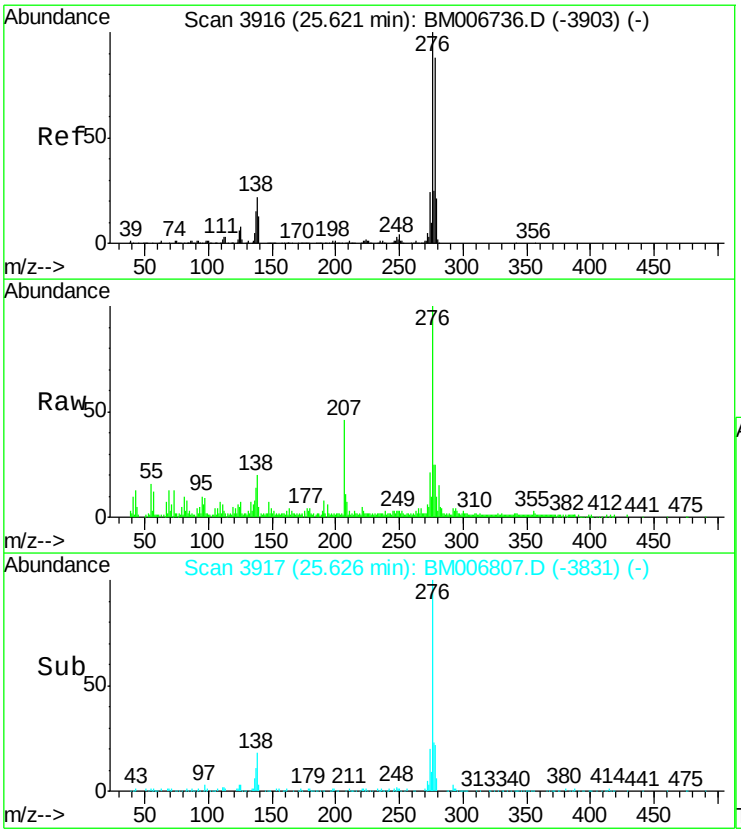
#38
Benzo(a)pyrene
Concen: 3.13 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 265653

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	10.9	8.2	12.2

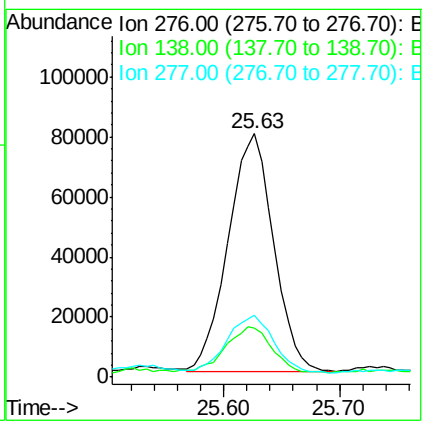


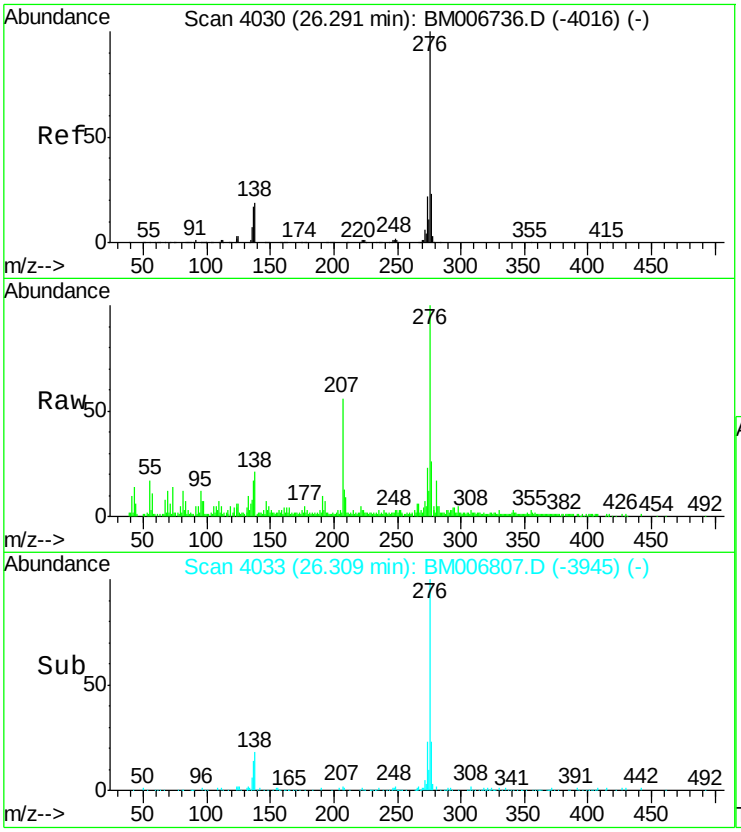


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.19 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Tgt Ion:276 Resp: 214826

Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.8	23.6
277	25.4	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.58 ng/ul
RT: 26.31 min Scan# 4033
Delta R.T. 0.02 min
Lab File: BM006807.D
Acq: 01 Aug 2016 02:33

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 217169

Ion	Ratio	Lower	Upper
276	100		
138	20.5	13.9	20.9
277	25.5	19.8	29.6