Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005798.D
Acq On : 14 Jun 2016 23:19
Operator : UM/SJ
Sample : H3565-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XZ9

Quant Time: Jun 15 01:44:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	75212	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	389409	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	233139	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	424244	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	384373	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	404087	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	3936	2.42	ng/uL	0.00
3) Phenol-d5	6.92	99	140143	22.68	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	105043	28.57	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	139048	27.02	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	93822	17.98	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	73644	26.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	86142	28.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	146253	24.95	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	157041	24.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	489983	26.48	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	613842	26.11	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	28792	13.53	ng/ul	0.01
21) Fluorene-d10	15.38	176	393764	25.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	32361	17.05	ng/ul	0.00
26) Anthracene-d10	17.23	188	494013	25.10	ng/ul	0.00
30) Pyrene-d10	19.53	212	466356	24.93	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	467372	25.04	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	187605	8.06	ng/ul	99
27) Anthracene	17.26	178	25154	1.09	ng/ul	98
28) Fluoranthene	19.19	202	297516	12.01	ng/ul	100
31) Pyrene	19.55	202	231716	9.82	ng/ul	99
32) Benzo(a)anthracene	21.30	228	113909	5.12	ng/ul	98
33) Chrysene	21.35	228	138066	6.34	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	191542	7.94	ng/ul	97
36) Benzo(k)fluoranthene	22.89	252	191542	8.57	ng/ul	98
38) Benzo(a)pyrene	23.47	252	120558	5.23	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.85	276	94491	3.57	ng/ul	95
40) Dibenzo(a,h)anthracene	25.85	278	23436	1.06	ng/ul#	77
41) Benzo(g,h,i)perylene	26.55	276	86310	3.77	ng/ul	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005798.D
Acq On : 14 Jun 2016 23:19
Operator : UM/SJ
Sample : H3565-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Quant Time: Jun 15 01:44:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
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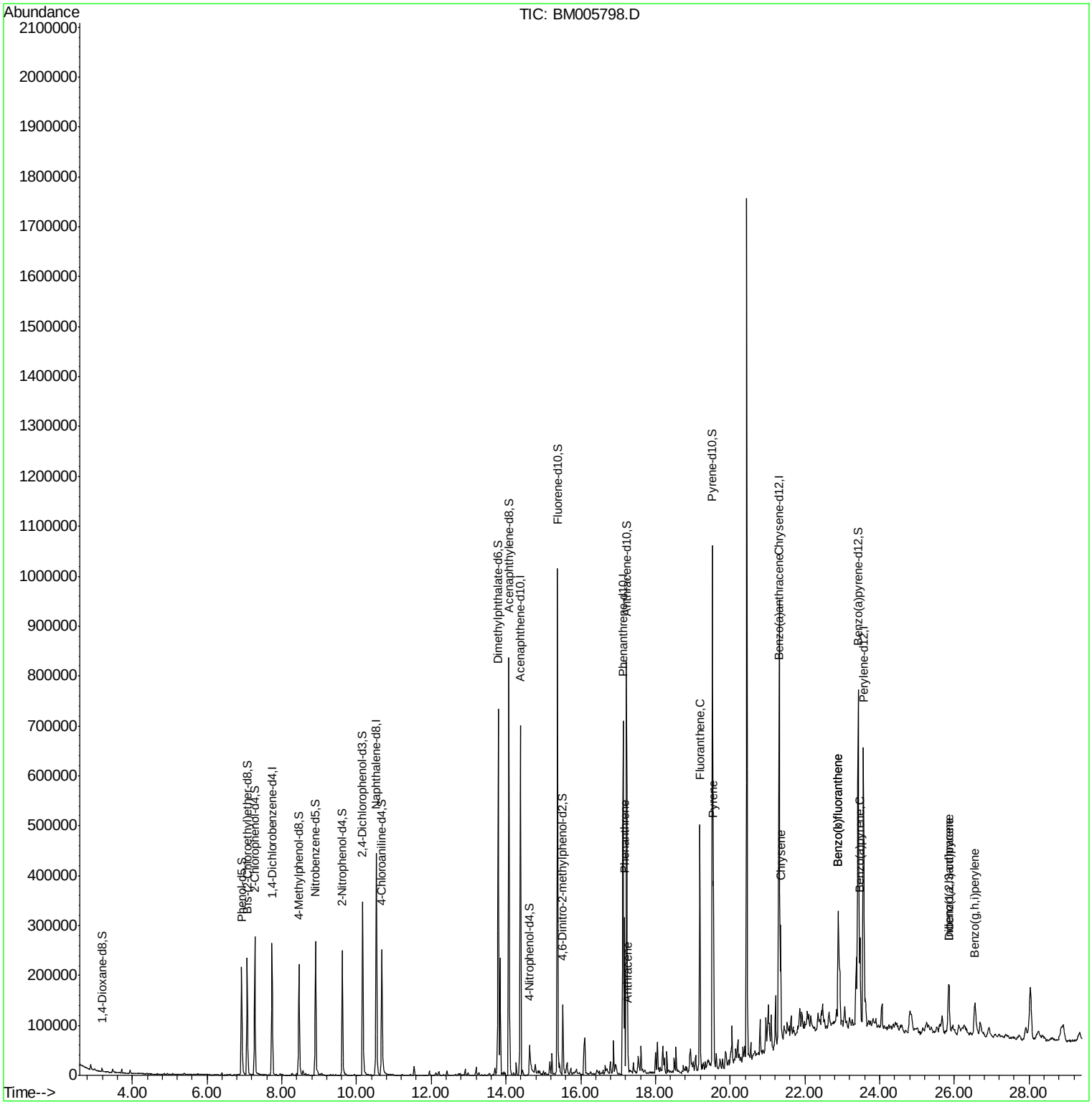
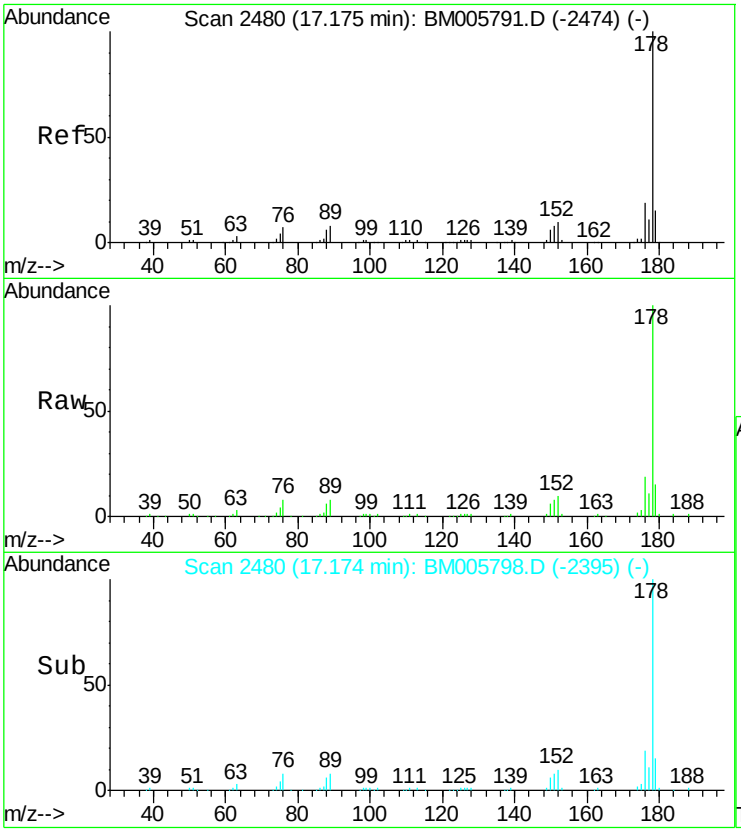


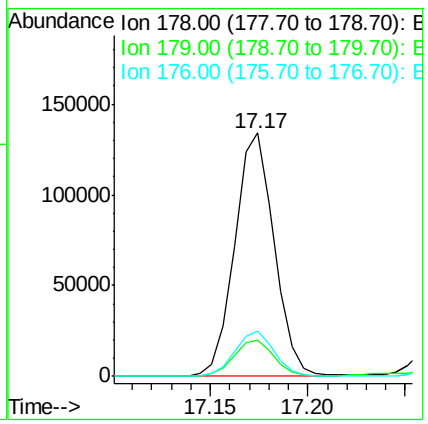


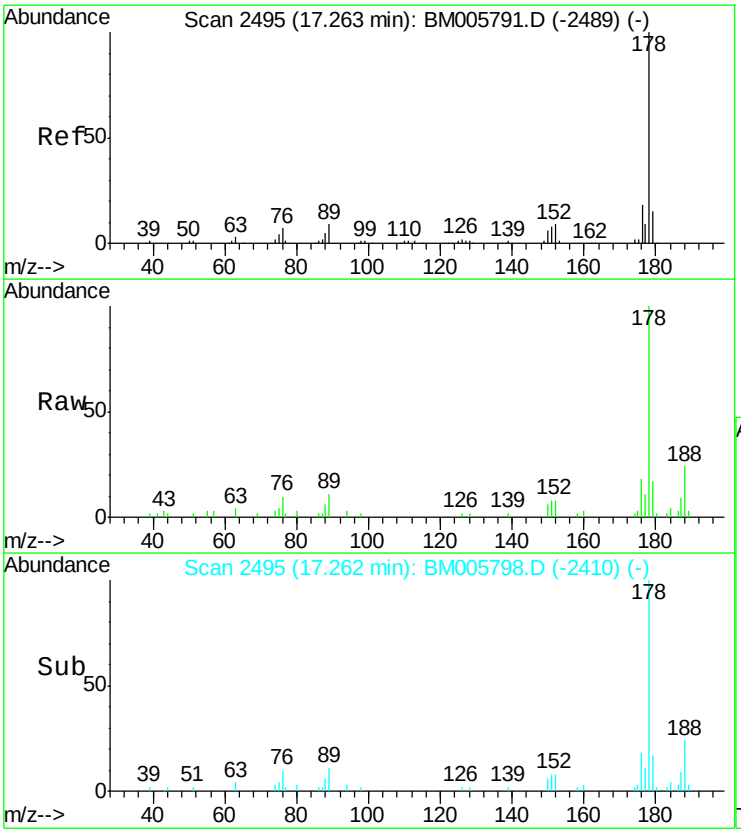
#25
Phenanthrene
Concen: 8.06 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:178 Resp: 187605

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.7	15.3	22.9

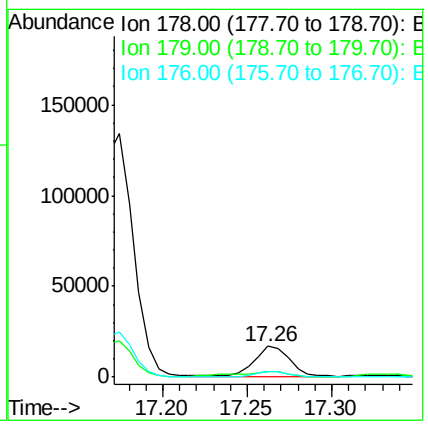


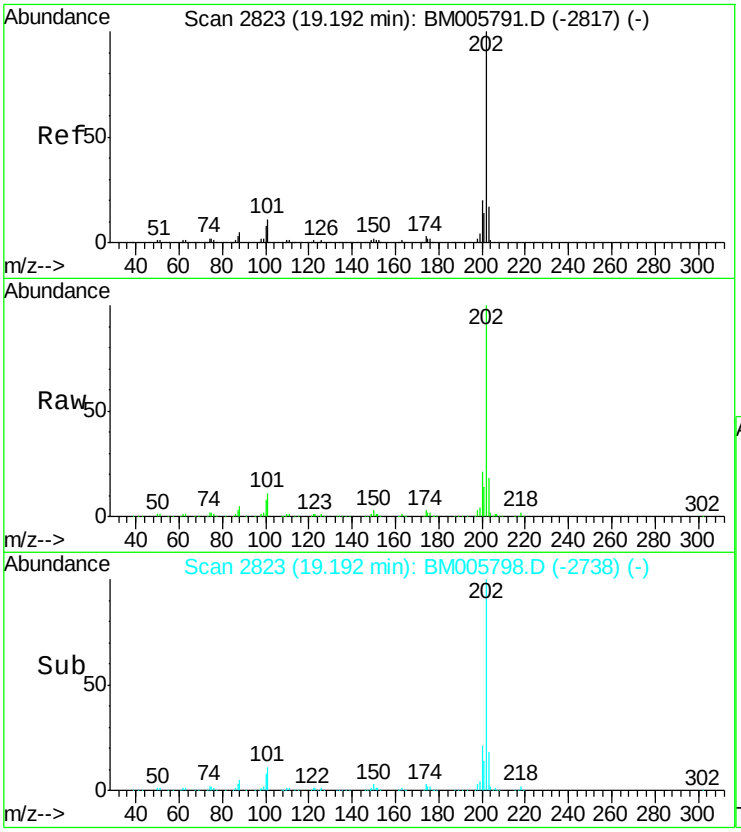


#27
Anthracene
Concen: 1.09 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:178 Resp: 25154

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	18.4	14.6	22.0



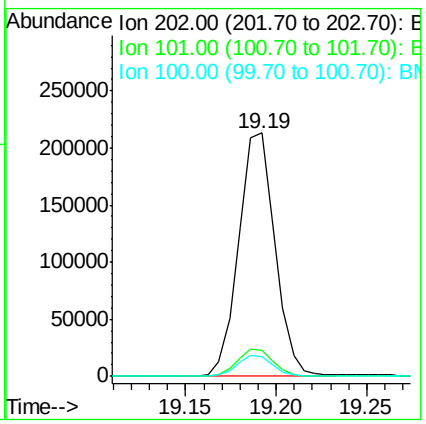


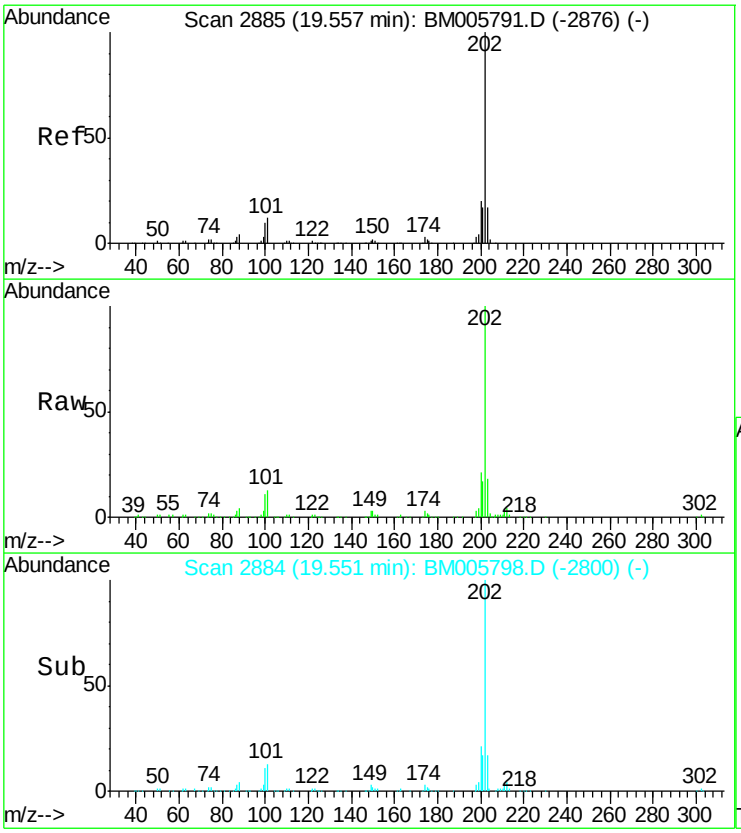
#28
Fluoranthene
Concen: 12.01 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:202 Resp: 297516

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	8.0	6.5	9.7

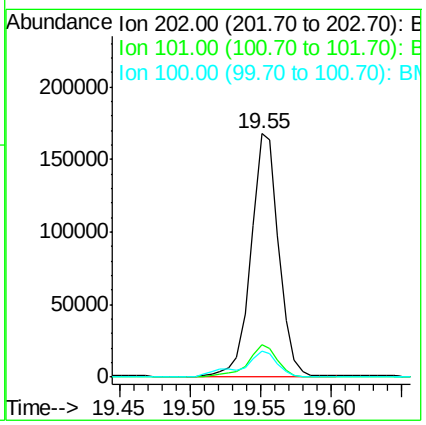


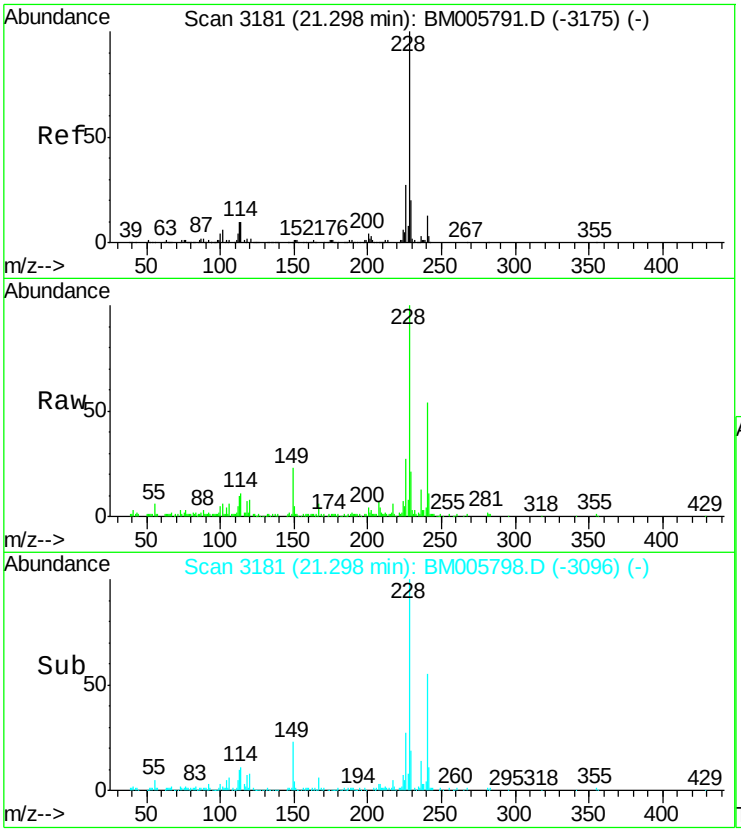


#31
Pyrene
Concen: 9.82 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:202 Resp: 231716

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.0	16.4
100	10.6	8.9	13.3



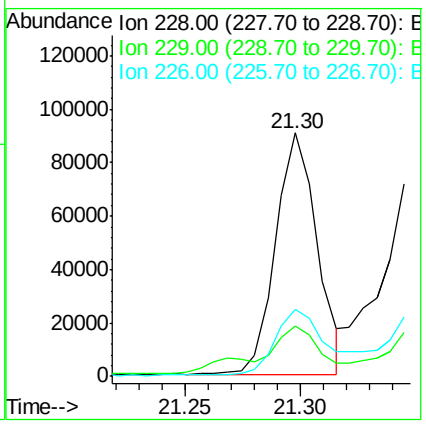


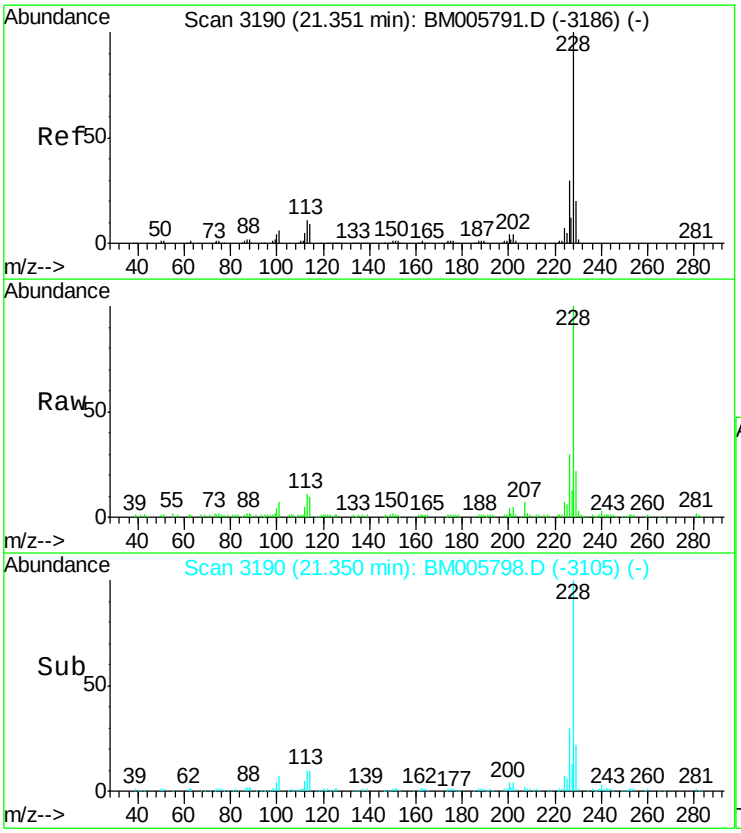
#32
Benzo(a)anthracene
Concen: 5.12 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:228 Resp: 113909

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	27.3	21.6	32.4

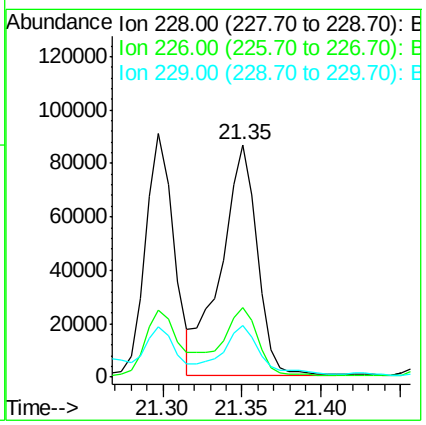


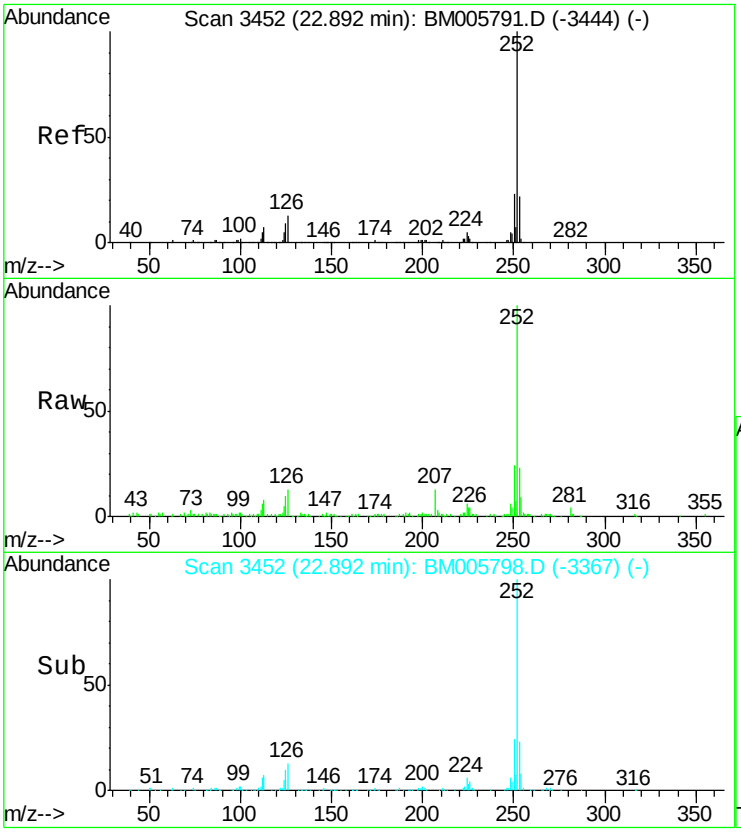


#33
Chrysene
Concen: 6.34 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:228 Resp: 138066

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.4	15.8	23.6



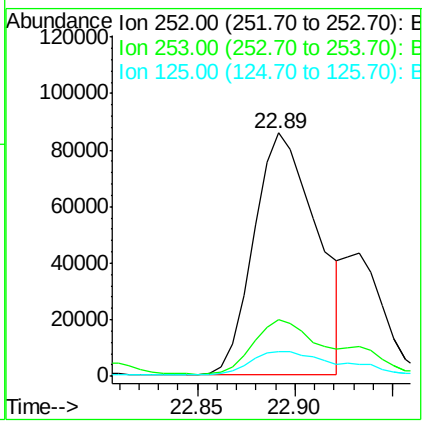


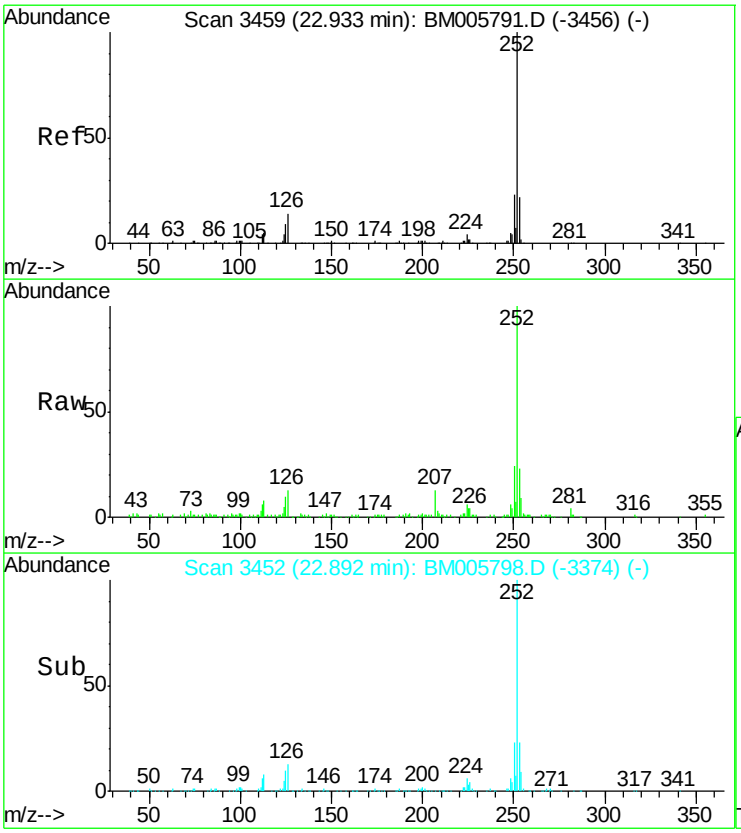
#35
Benzo(b)fluoranthene
Concen: 7.94 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:252 Resp: 191542

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	10.3	7.8	11.6

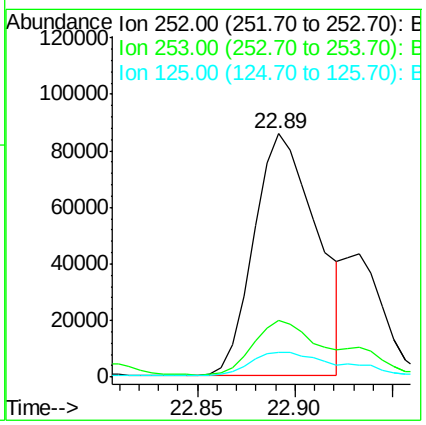


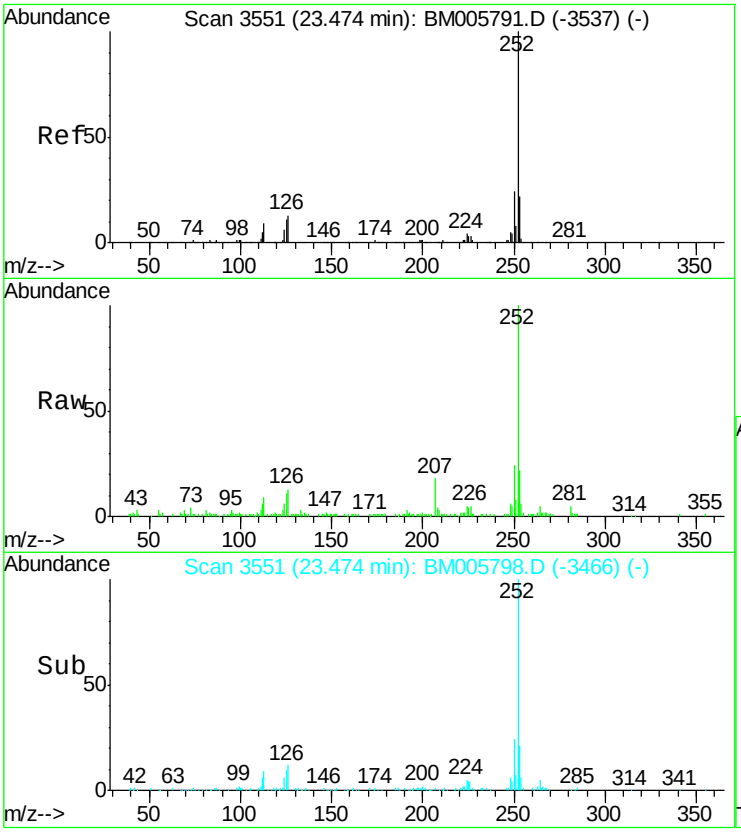


#36
Benzo(k)fluoranthene
Concen: 8.57 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:252 Resp: 191542

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.3	8.1	12.1



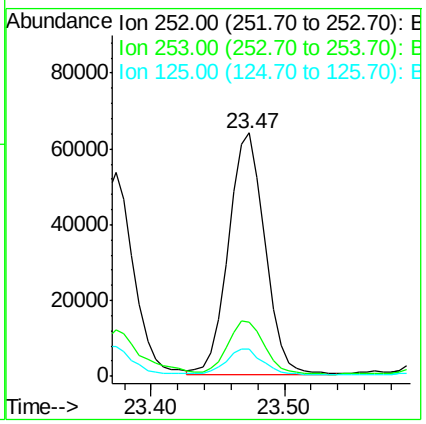


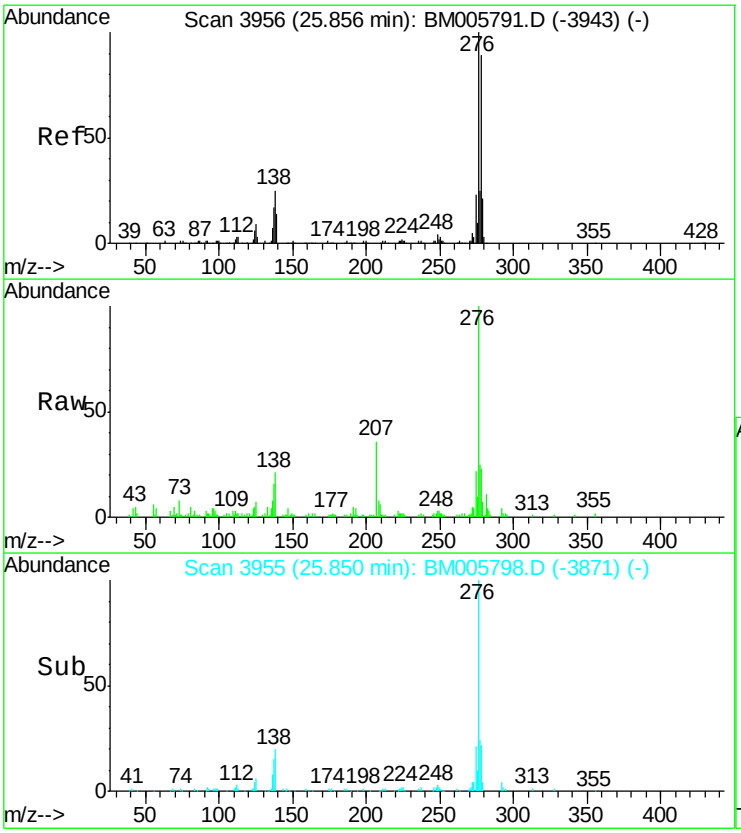
#38
Benzo(a)pyrene
Concen: 5.23 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:252 Resp: 120558

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.0	8.7	13.1

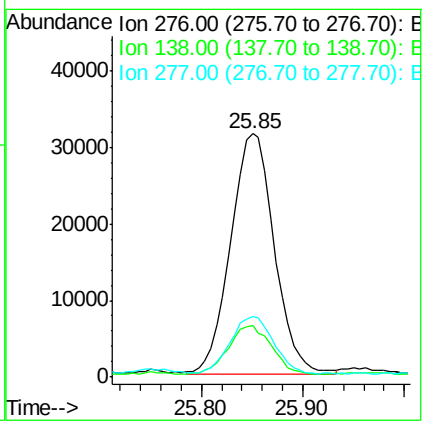


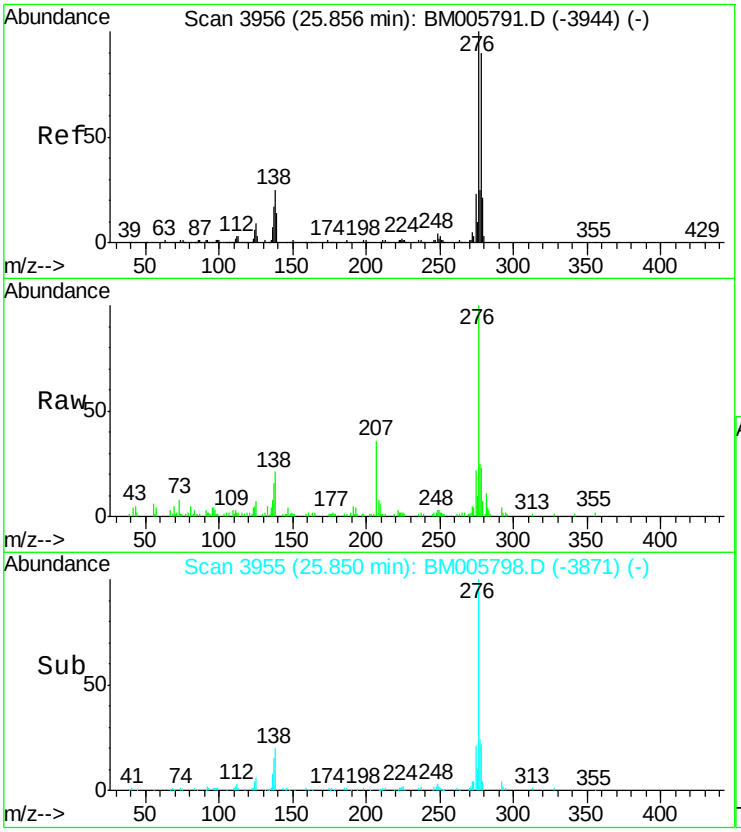


#39
Indeno(1,2,3-cd)pyrene
Concen: 3.57 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:276 Resp: 94491

Ion	Ratio	Lower	Upper
276	100		
138	21.2	20.4	30.6
277	24.9	20.6	30.8



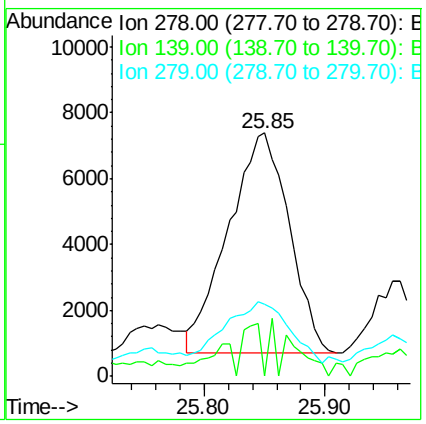


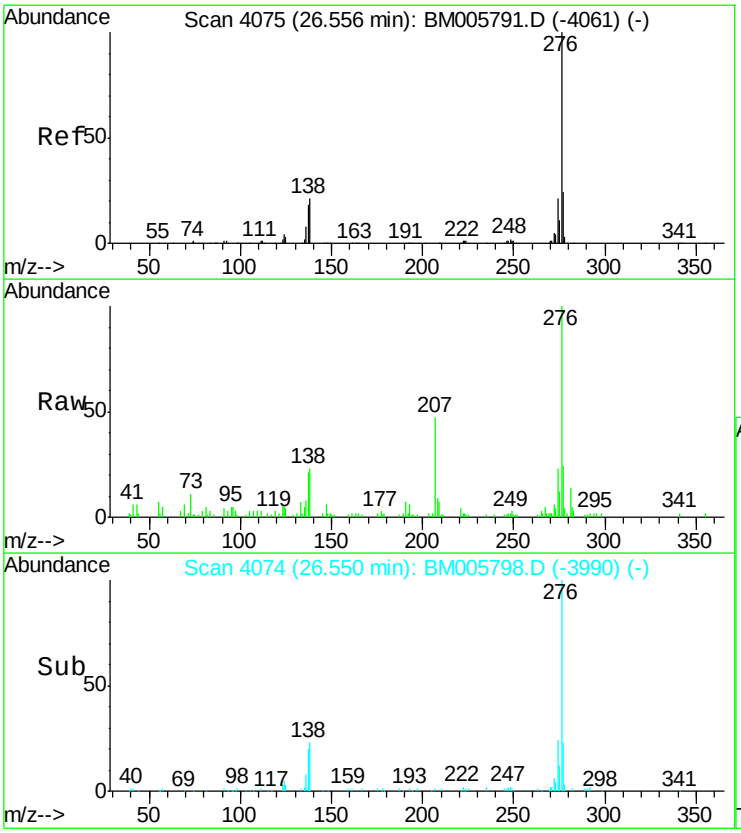
#40
Dibenzo(a,h)anthracene
Concen: 1.06 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Instrument :
BNA_M
ClientSampleId :
D9XZ9

Tgt Ion:278 Resp: 23436

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	29.6	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 3.77 ng/ul
RT: 26.55 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BM005798.D
Acq: 14 Jun 2016 23:19

Tgt Ion:276 Resp: 86310

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.6	25.0
277	24.3	18.9	28.3