Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005797.D
Acq On : 14 Jun 2016 22:43
Operator : UM/SJ
Sample : H3565-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XZ8

Quant Time: Jun 15 01:44:19 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	74488	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	335185	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	169197	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	346520	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	385487	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	398831	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	3833	2.38	ng/uL	0.00
3) Phenol-d5	6.92	99	134624	22.00	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	99014	27.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	130025	25.51	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	97610	18.88	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	64341	27.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	71536	27.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	119727	23.73	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	118380	21.35	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	366062	27.25	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	473138	27.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	23576	15.27	ng/ul	0.01
21) Fluorene-d10	15.38	176	310226	27.73	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	31175	20.11	ng/ul	0.00
26) Anthracene-d10	17.23	188	445629	27.72	ng/ul	0.00
30) Pyrene-d10	19.53	212	497424	26.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	507303	27.54	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	124383	6.55	ng/ul	100
27) Anthracene	17.26	178	29309	1.56	ng/ul	99
28) Fluoranthene	19.19	202	244954	12.11	ng/ul	99
31) Pyrene	19.56	202	198615	8.39	ng/ul	97
32) Benzo(a)anthracene	21.30	228	115114	5.16	ng/ul	96
33) Chrysene	21.35	228	124608	5.70	ng/ul	98
35) Benzo(b)fluoranthene	22.89	252	181346	7.61	ng/ul	97
36) Benzo(k)fluoranthene	22.89	252	181346	8.22	ng/ul	98
38) Benzo(a)pyrene	23.47	252	111458	4.90	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	88629	3.39	ng/ul	96
40) Dibenzo(a,h)anthracene	25.85	278	25052	1.15	ng/ul#	85
41) Benzo(g,h,i)perylene	26.56	276	81783	3.62	ng/ul	98

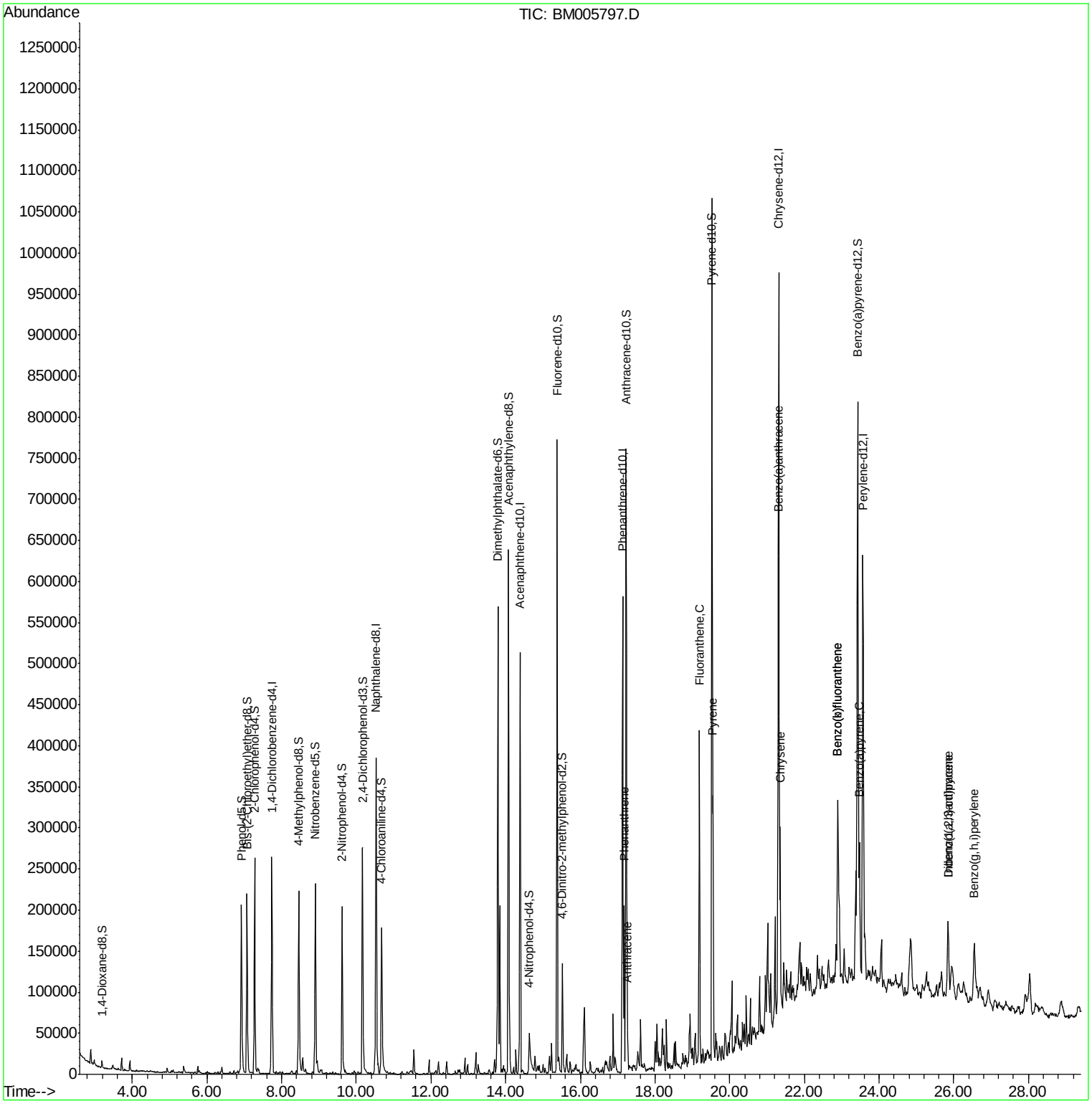
(#) = qualifier out of range (m) = manual integration (+) = signals summed

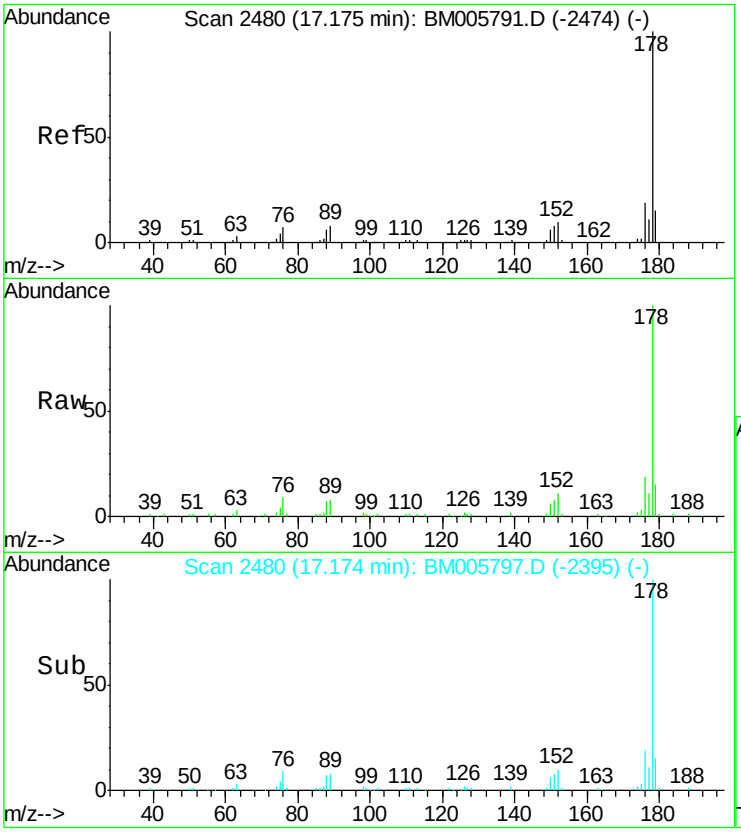
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005797.D
Acq On : 14 Jun 2016 22:43
Operator : UM/SJ
Sample : H3565-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Quant Time: Jun 15 01:44:19 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



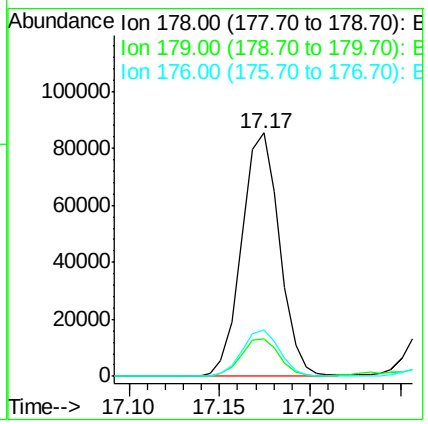


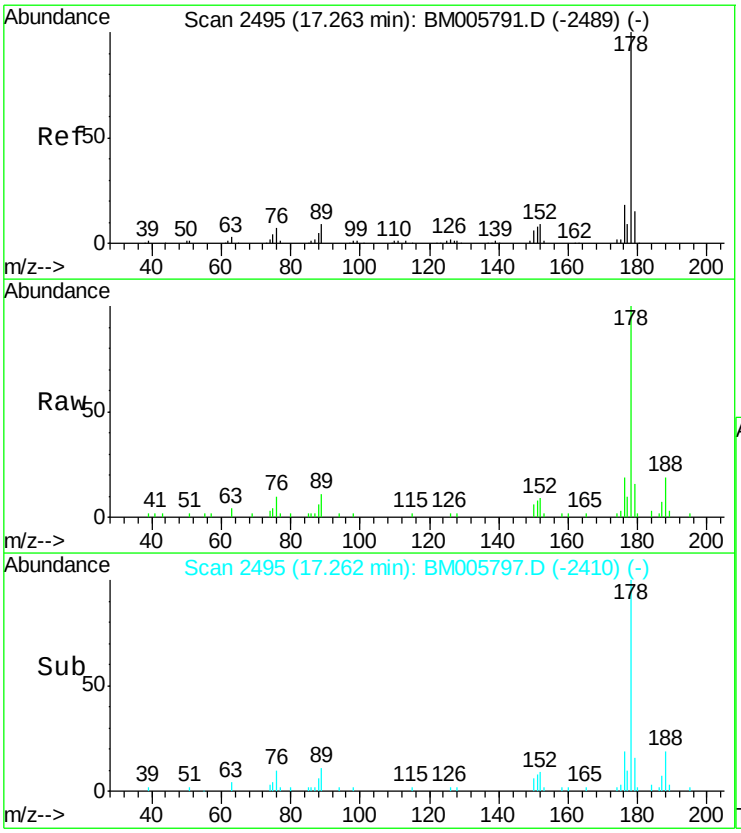
#25
Phenanthrene
Concen: 6.55 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:178 Resp: 124383

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.2	15.3	22.9

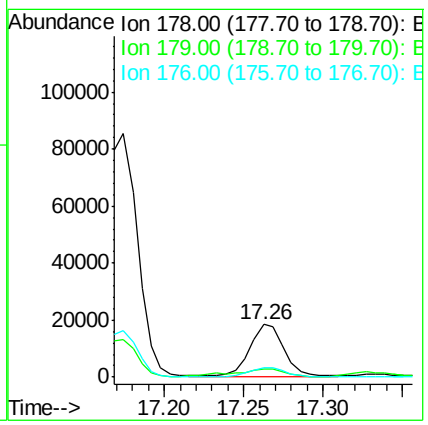


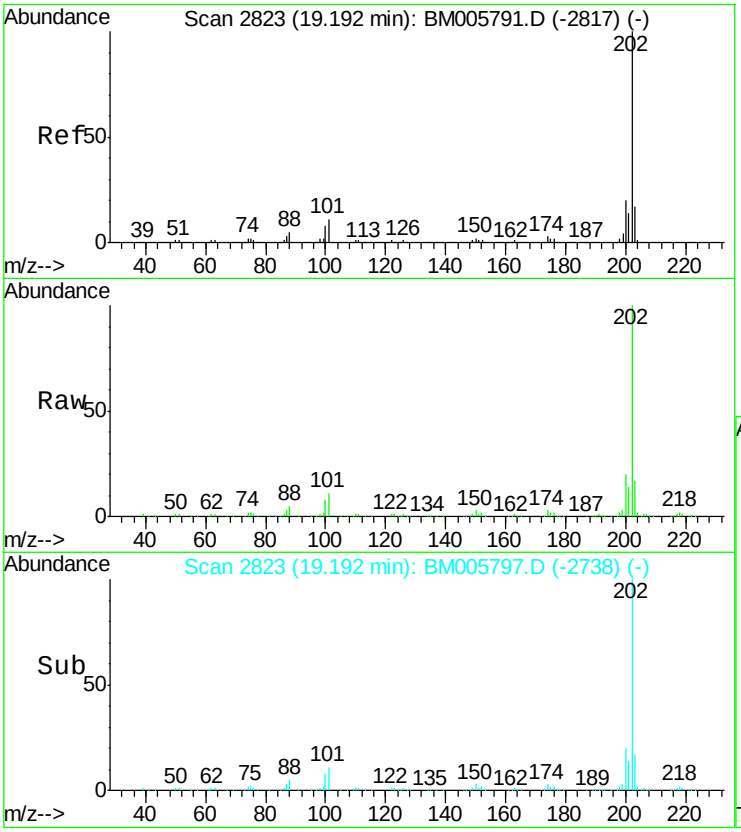


#27
Anthracene
Concen: 1.56 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:178 Resp: 29309

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.7	14.6	22.0



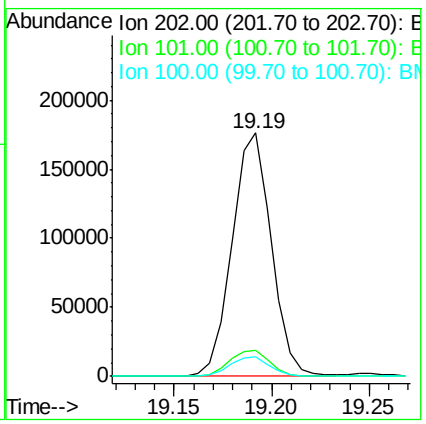


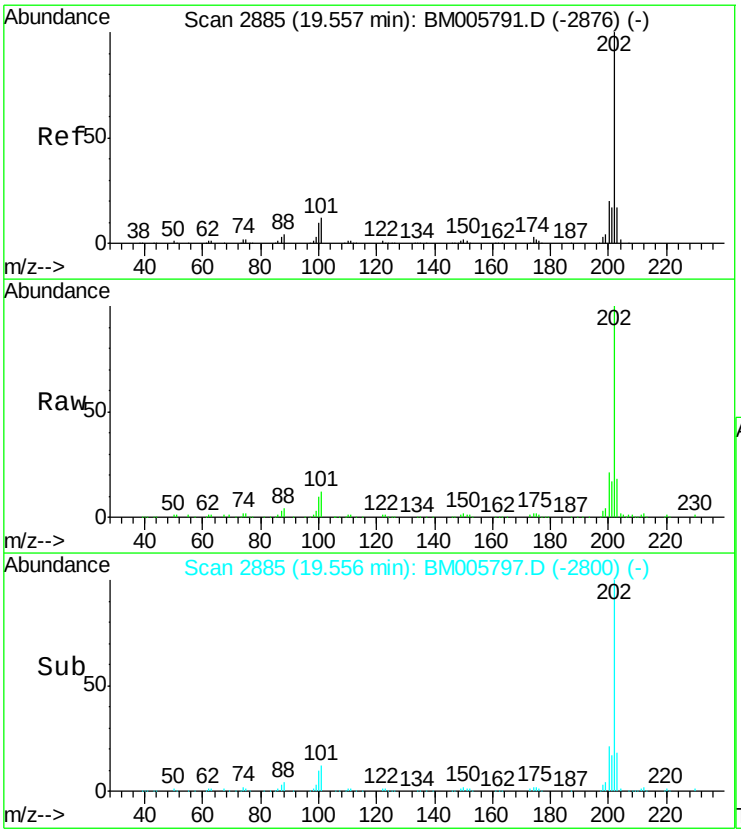
#28
Fluoranthene
Concen: 12.11 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:202 Resp: 244954

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.5	12.7
100	8.1	6.5	9.7

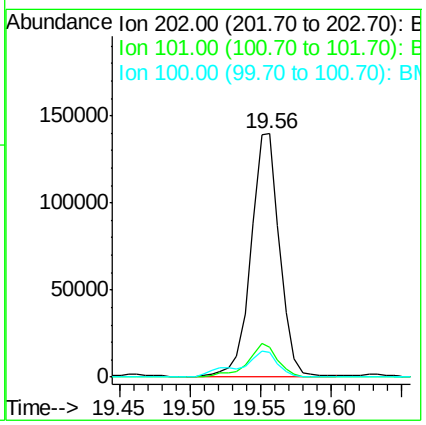


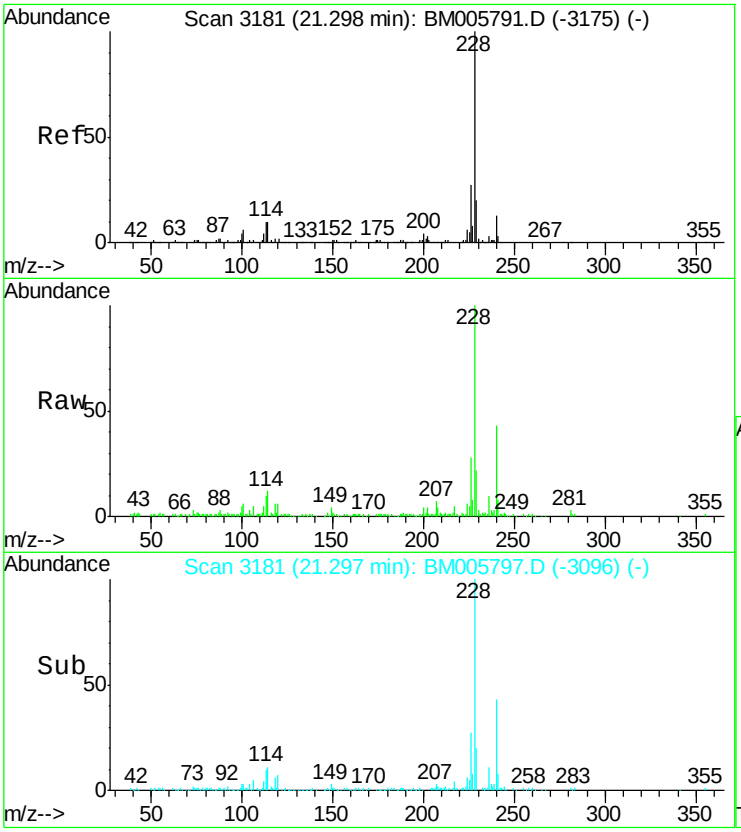


#31
Pyrene
Concen: 8.39 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:202 Resp: 198615

Ion	Ratio	Lower	Upper
202	100		
101	12.3	11.0	16.4
100	10.1	8.9	13.3



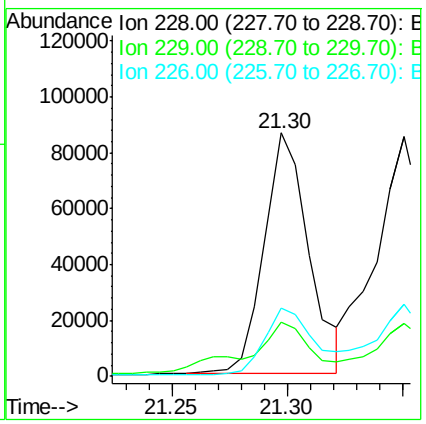


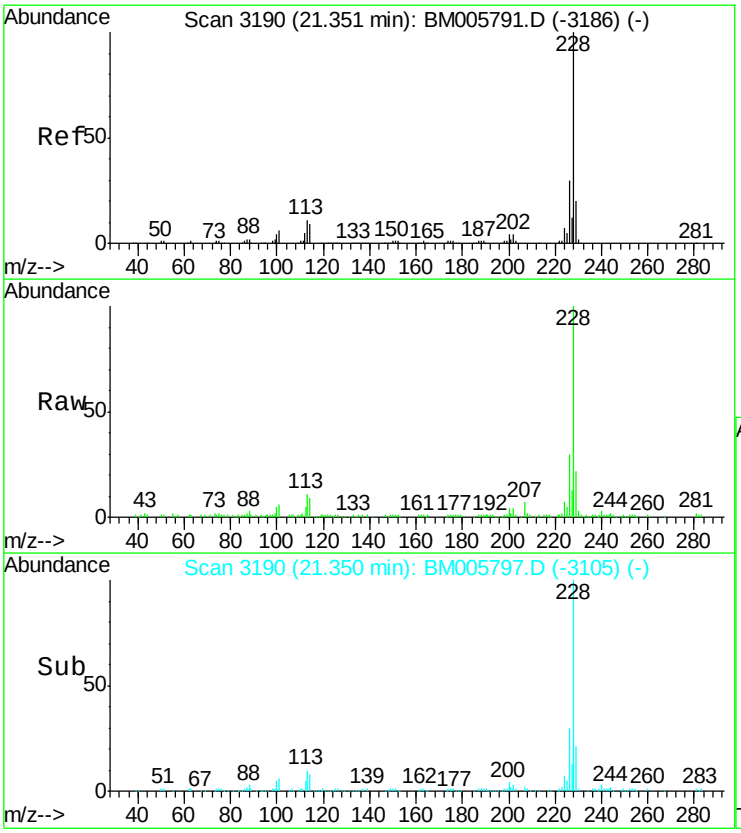
#32
Benzo(a)anthracene
Concen: 5.16 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:228 Resp: 115114

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.6	23.4
226	28.1	21.6	32.4

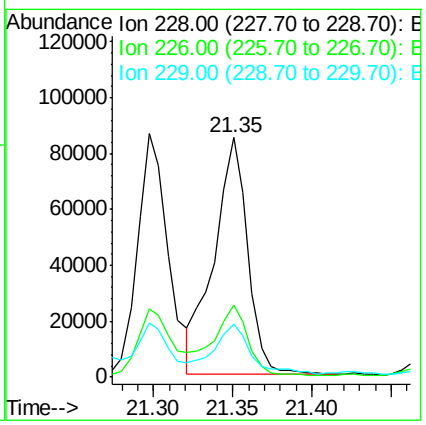


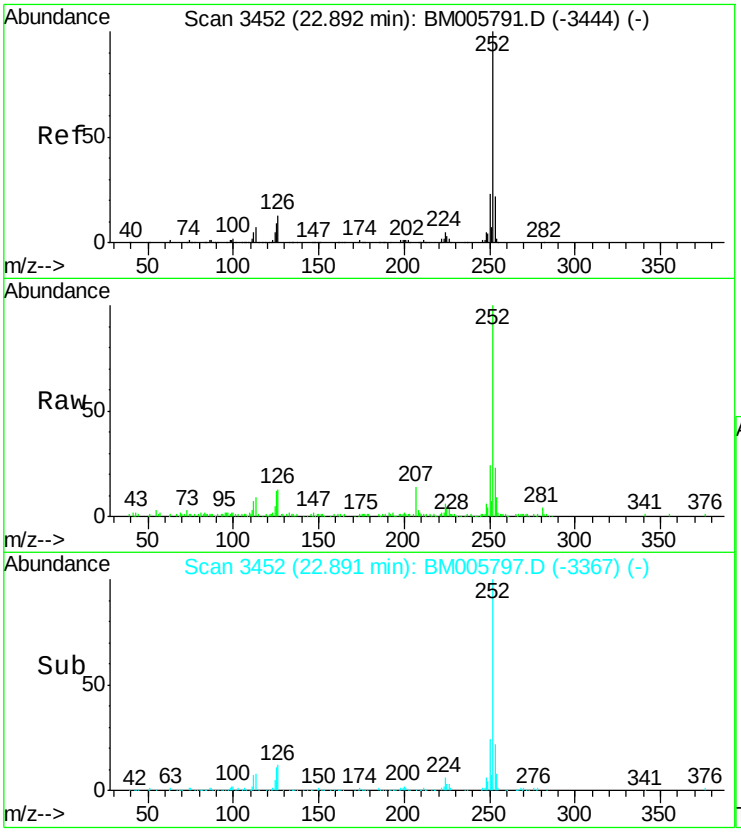


#33
Chrysene
Concen: 5.70 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:228 Resp: 124608

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	21.9	15.8	23.6



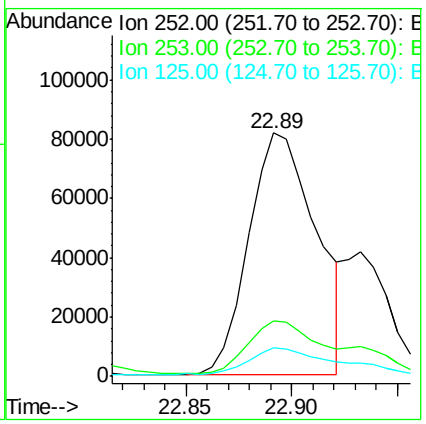


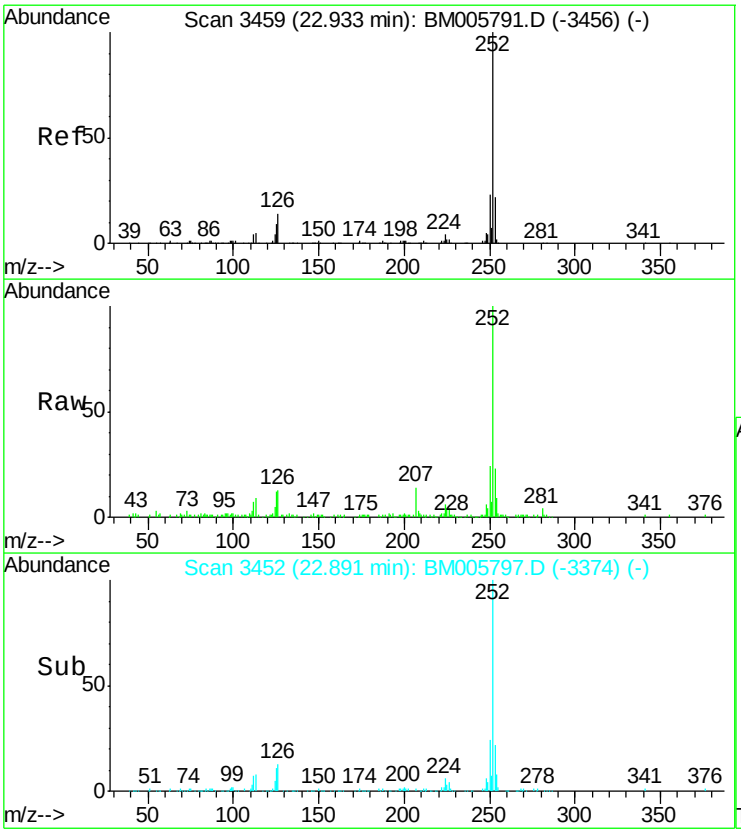
#35
Benzo(b)fluoranthene
Concen: 7.61 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:252 Resp: 181346

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	11.6	7.8	11.6

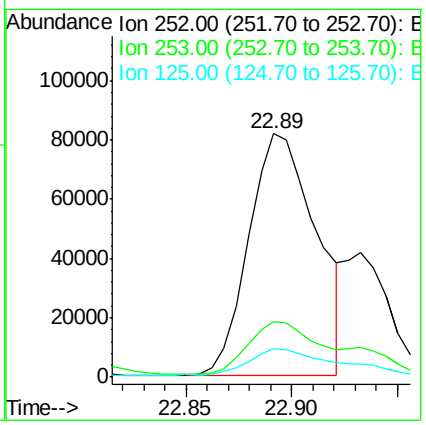


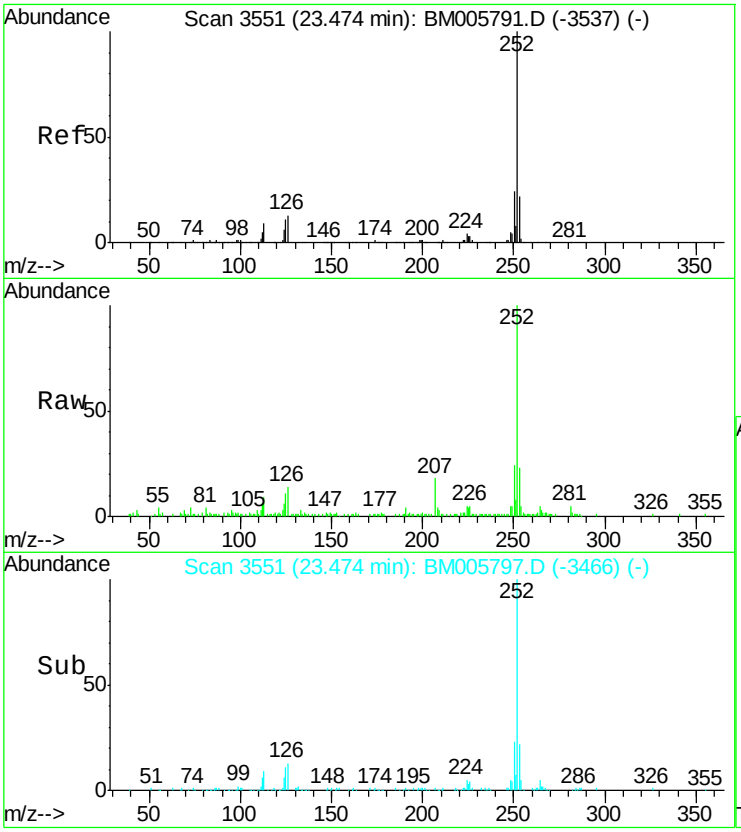


#36
Benzo(k)fluoranthene
Concen: 8.22 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:252 Resp: 181346

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	11.6	8.1	12.1



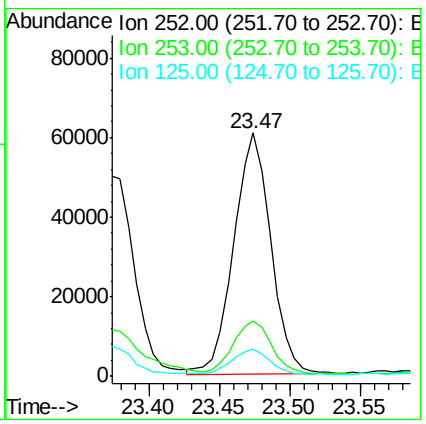


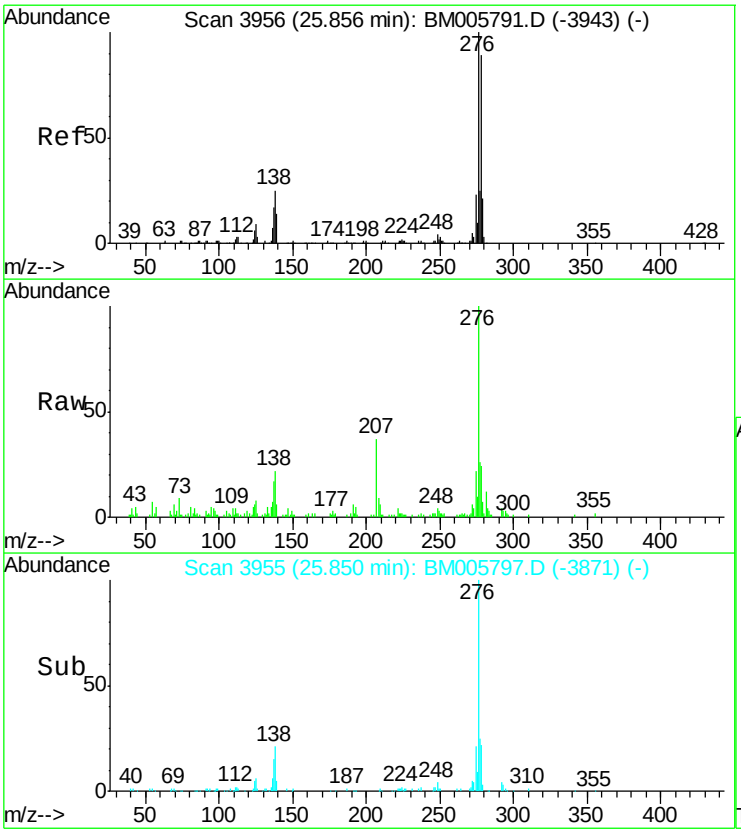
#38
Benzo(a)pyrene
Concen: 4.90 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:252 Resp: 111458

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	11.3	8.7	13.1

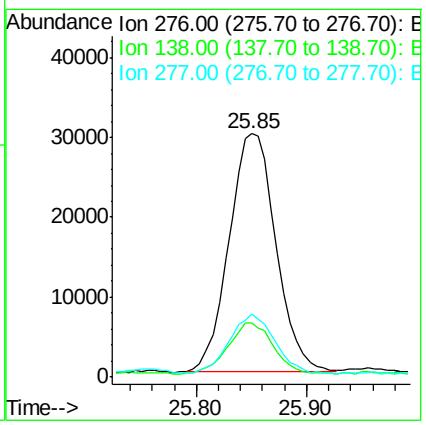


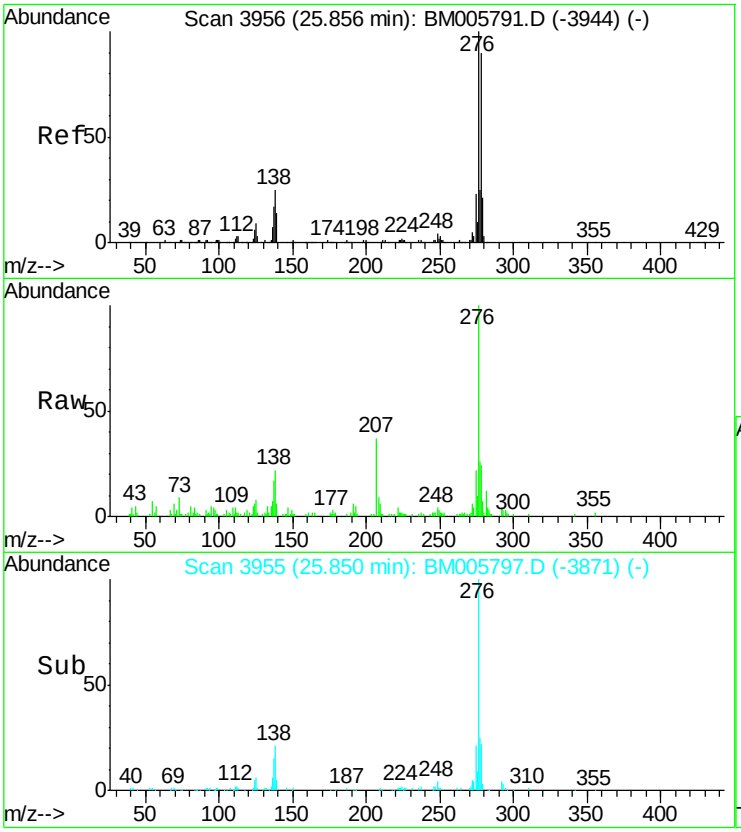


#39
Indeno(1,2,3-cd)pyrene
Concen: 3.39 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:276 Resp: 88629

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.4	30.6
277	26.2	20.6	30.8



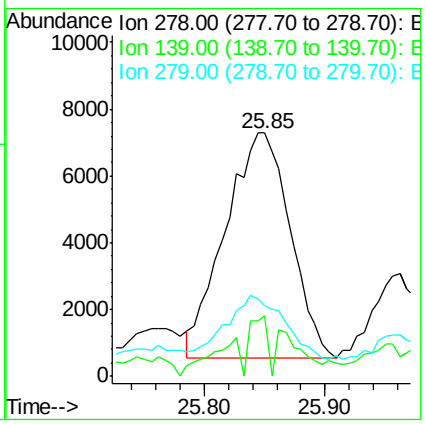


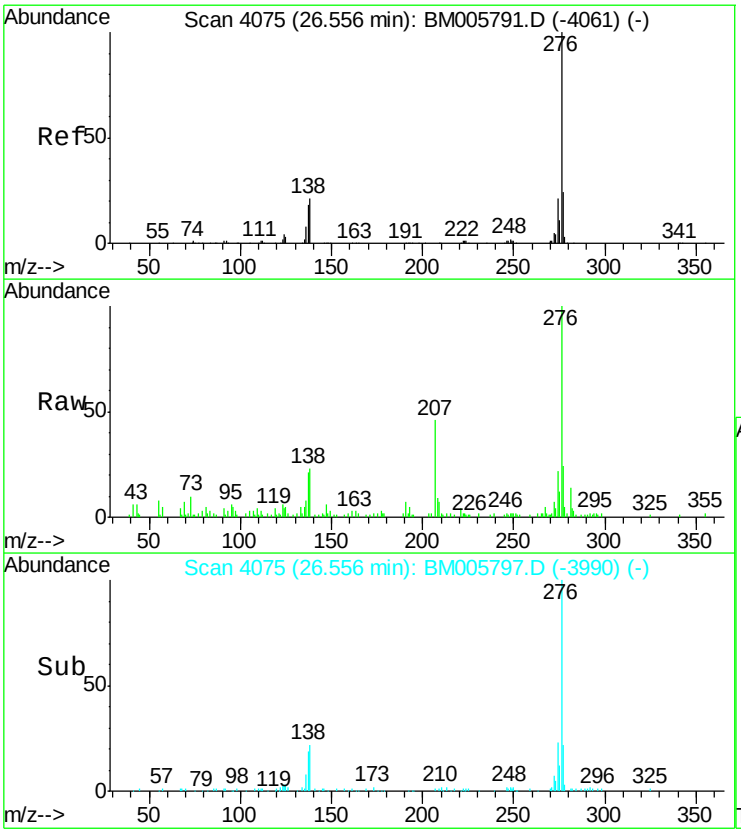
#40
Dibenzo(a,h)anthracene
Concen: 1.15 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Instrument :
BNA_M
ClientSampleId :
D9XZ8

Tgt Ion:278 Resp: 25052

Ion	Ratio	Lower	Upper
278	100		
139	24.8	13.0	19.4#
279	29.3	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 3.62 ng/ul
RT: 26.56 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BM005797.D
Acq: 14 Jun 2016 22:43

Tgt Ion:276 Resp: 81783

Ion	Ratio	Lower	Upper
276	100		
138	22.8	16.6	25.0
277	23.8	18.9	28.3