Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005795.D
Acq On : 14 Jun 2016 21:30
Operator : UM/SJ
Sample : H3565-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XZ6

Quant Time: Jun 15 01:44:04 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	80441	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	431539	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	271136	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	534946	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	432464	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	444232	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	3175	1.83	ng/uL	0.00
3) Phenol-d5	6.92	99	109345	16.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	84153	21.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	106204	19.29	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	60480	10.83	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	57681	18.88	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	66546	19.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	117389	18.07	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	114777	16.08	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	432237	20.08	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	562474	20.57	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	29331	11.85	ng/ul	0.01
21) Fluorene-d10	15.38	176	374024	20.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	29851	12.47	ng/ul	0.00
26) Anthracene-d10	17.23	188	488873	19.70	ng/ul	0.00
30) Pyrene-d10	19.53	212	436718	20.75	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	392242	19.12	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	117575	4.01	ng/ul	98
27) Anthracene	17.17	178	117575	4.05	ng/ul	98
28) Fluoranthene	19.19	202	190815	6.11	ng/ul	100
31) Pyrene	19.55	202	167824	6.32	ng/ul	98
32) Benzo(a)anthracene	21.30	228	56516	2.26	ng/ul	98
33) Chrysene	21.35	228	85149	3.47	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	120965	4.56	ng/ul	98
36) Benzo(k)fluoranthene	22.89	252	120965	4.92	ng/ul	99
38) Benzo(a)pyrene	23.47	252	80623	3.18	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	65558	2.25	ng/ul	95
41) Benzo(g,h,i)perylene	26.56	276	61076	2.43	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005795.D
Acq On : 14 Jun 2016 21:30
Operator : UM/SJ
Sample : H3565-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Quant Time: Jun 15 01:44:04 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
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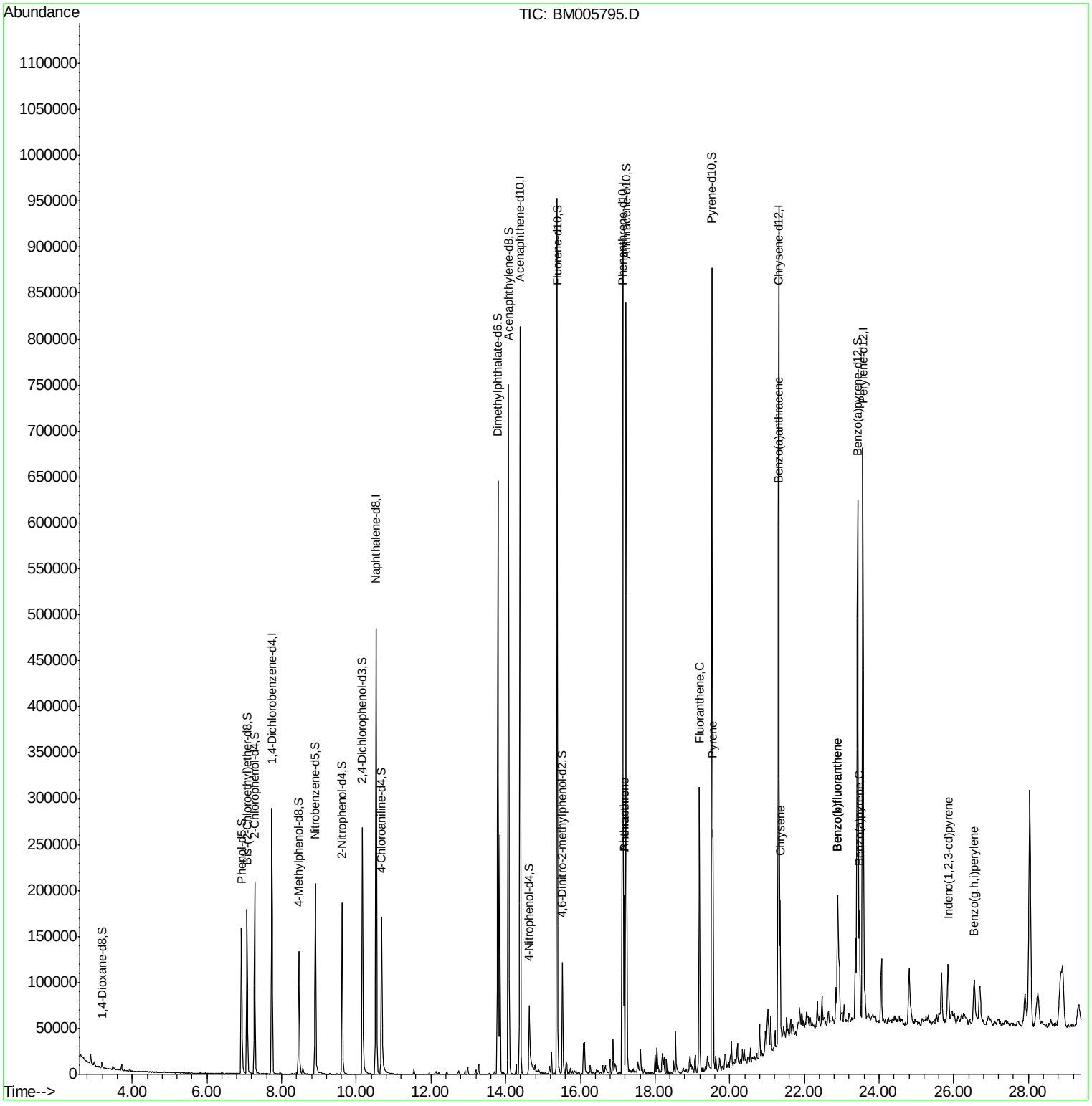
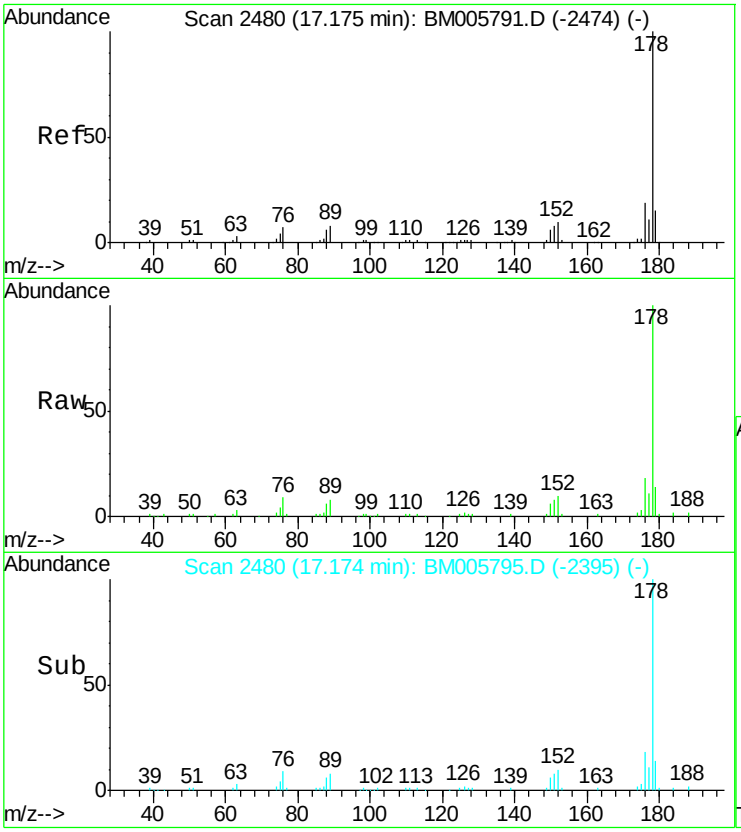


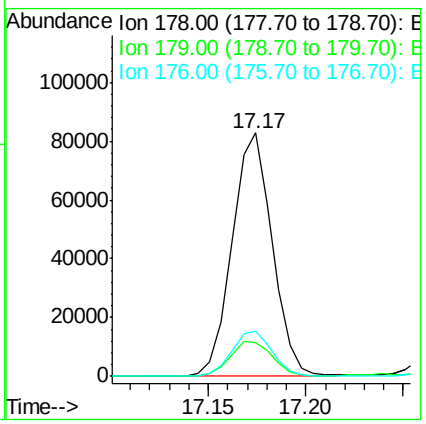


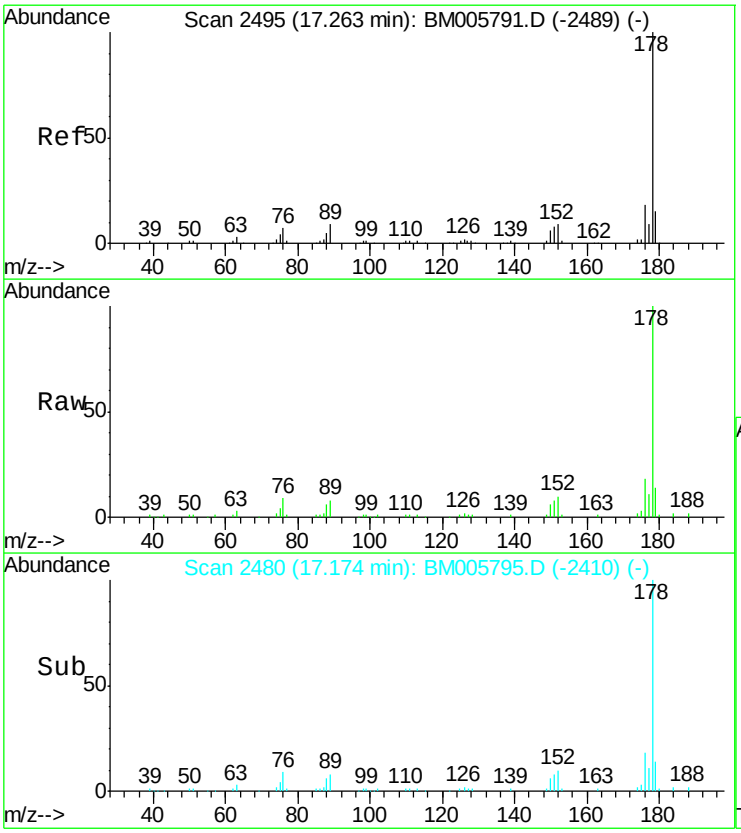
#25
Phenanthrene
Concen: 4.01 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:178 Resp: 117575

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.2	18.2
176	18.4	15.3	22.9

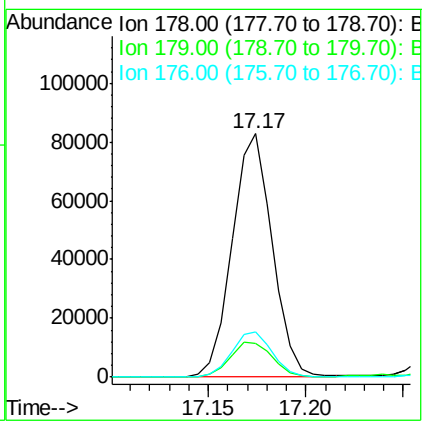


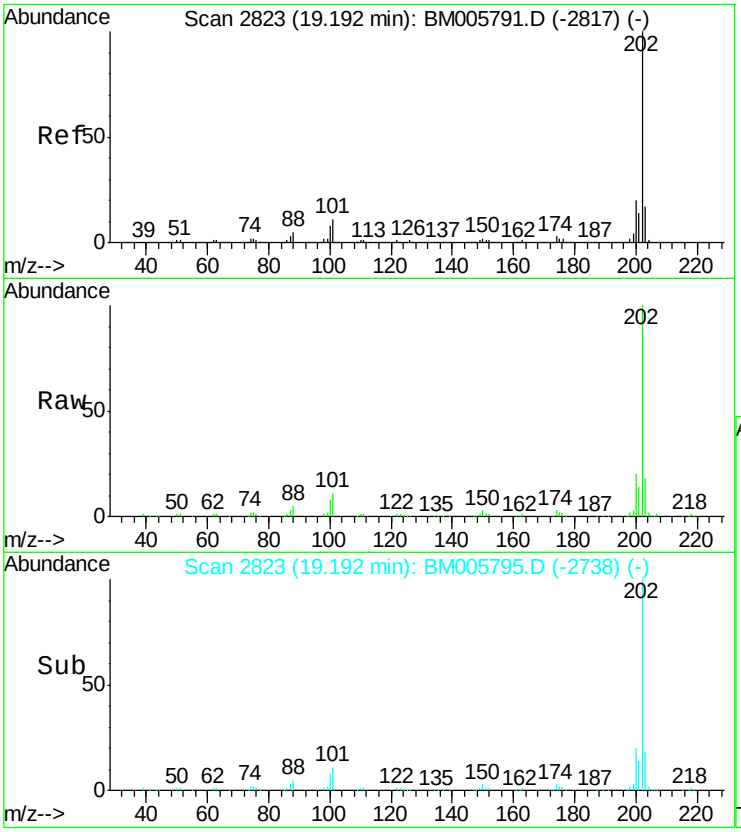


#27
Anthracene
Concen: 4.05 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.09 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Tgt Ion:178 Resp: 117575

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.3	18.5
176	18.4	14.6	22.0



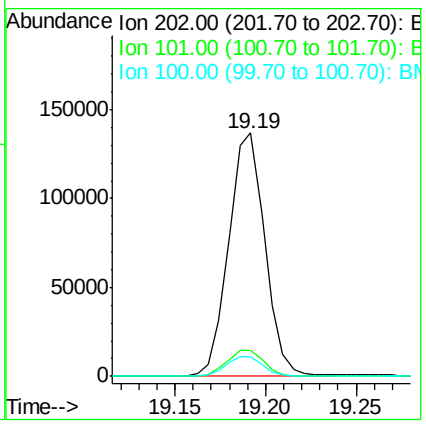


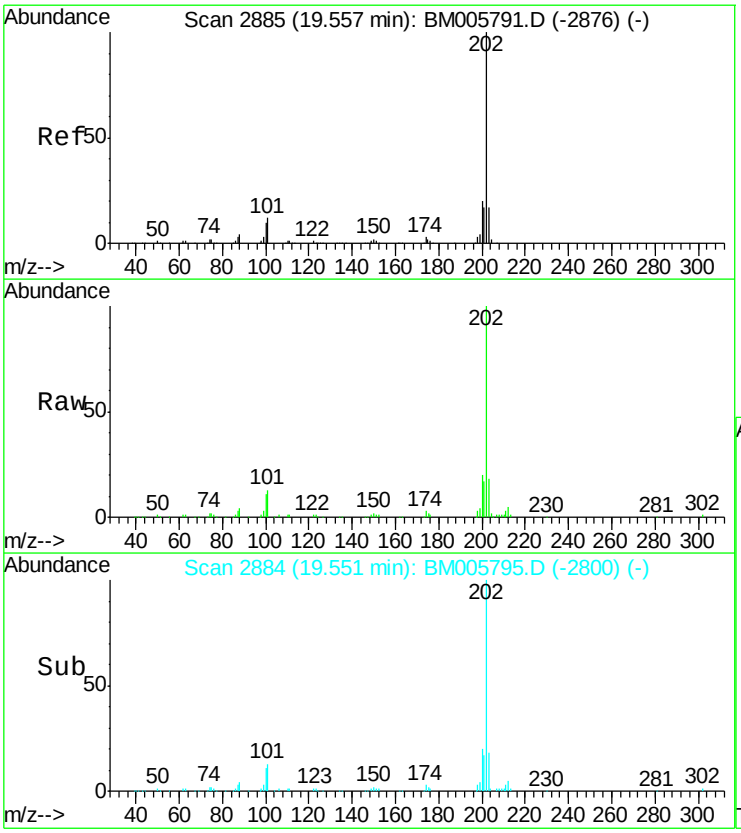
#28
Fluoranthene
Concen: 6.11 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:202 Resp: 190815

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

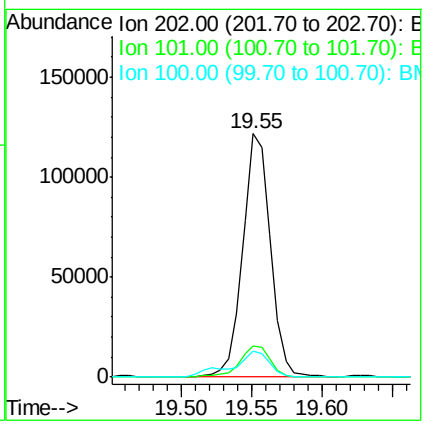


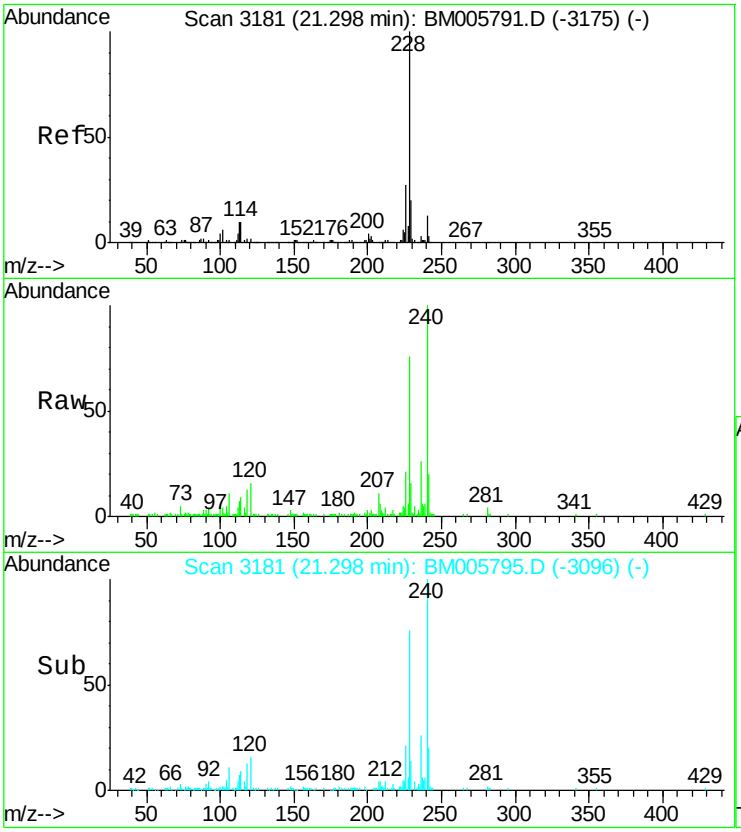


#31
Pyrene
Concen: 6.32 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Tgt Ion:202 Resp: 167824

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.0	16.4
100	10.5	8.9	13.3



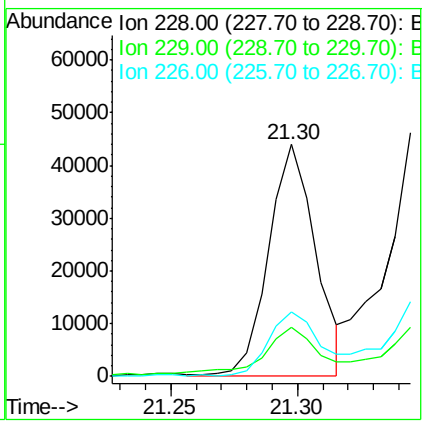


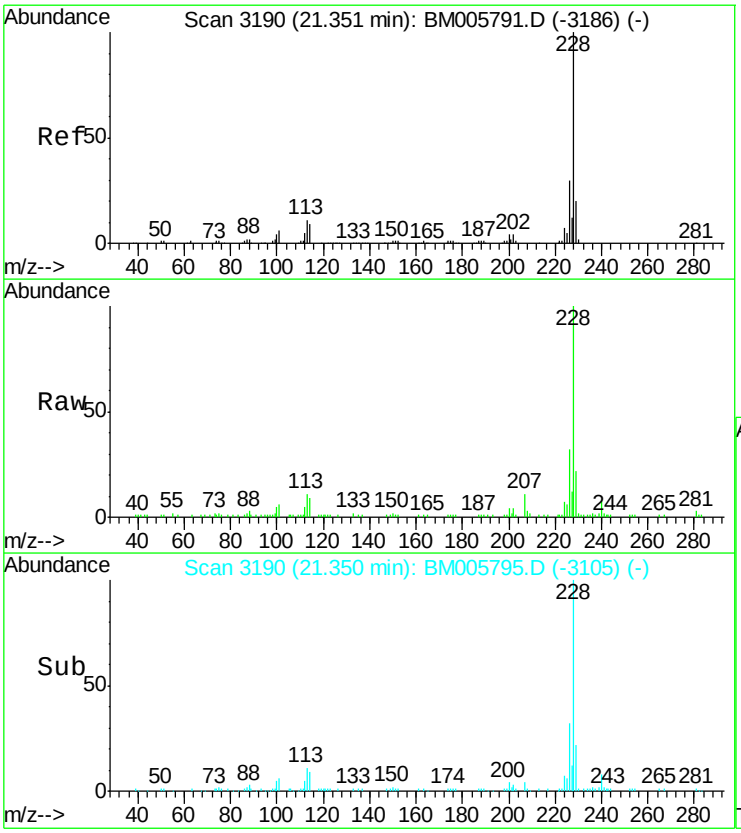
#32
Benzo(a)anthracene
Concen: 2.26 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:228 Resp: 56516

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.5	21.6	32.4

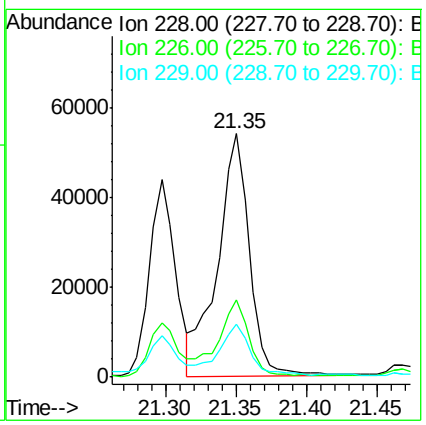


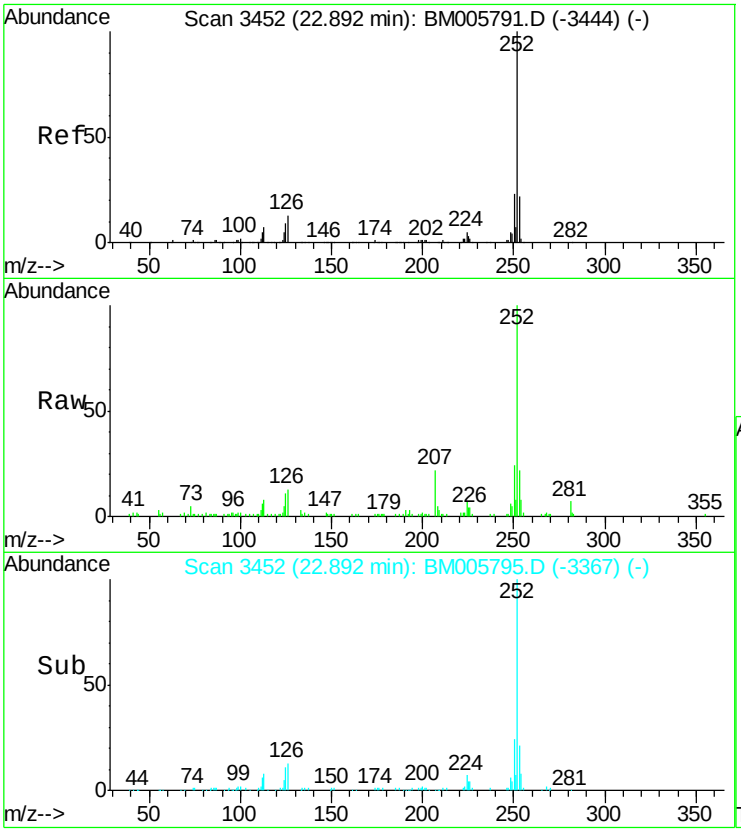


#33
Chrysene
Concen: 3.47 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Tgt Ion:228 Resp: 85149

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	21.5	15.8	23.6



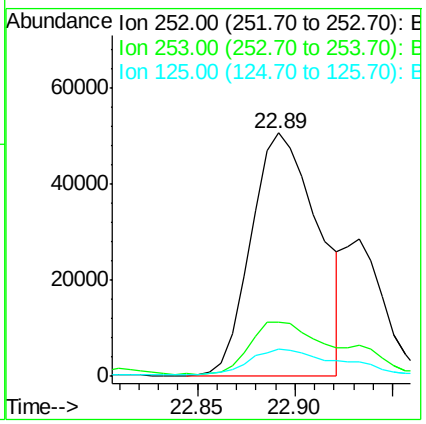


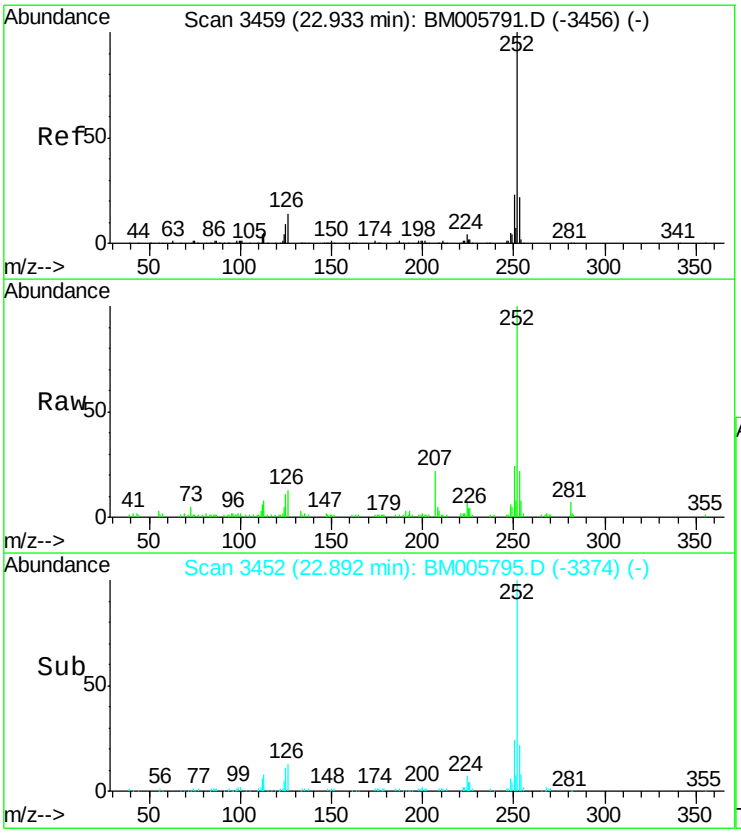
#35
Benzo(b)fluoranthene
Concen: 4.56 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:252 Resp: 120965

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.2	25.8
125	11.0	7.8	11.6

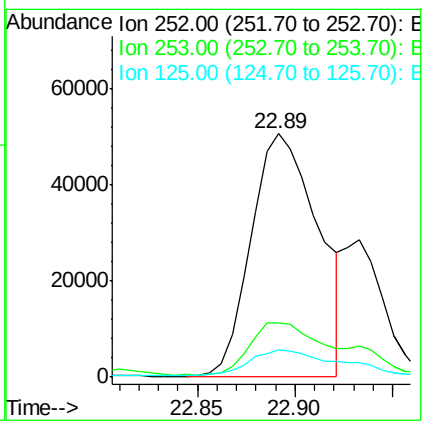


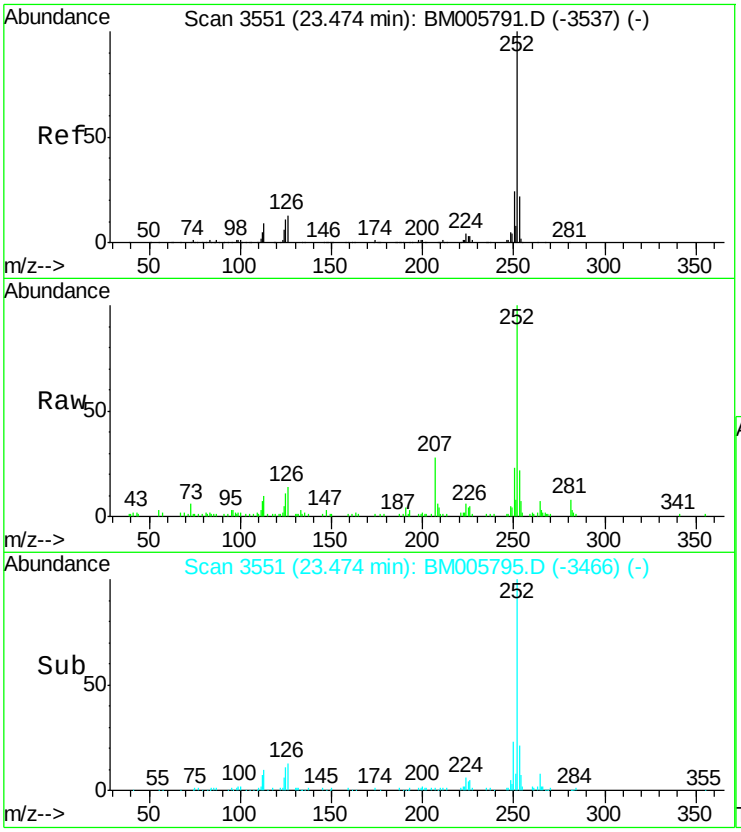


#36
Benzo(k)fluoranthene
Concen: 4.92 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Tgt Ion:252 Resp: 120965

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	11.0	8.1	12.1



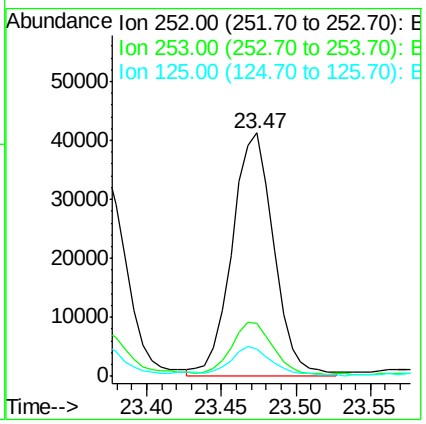


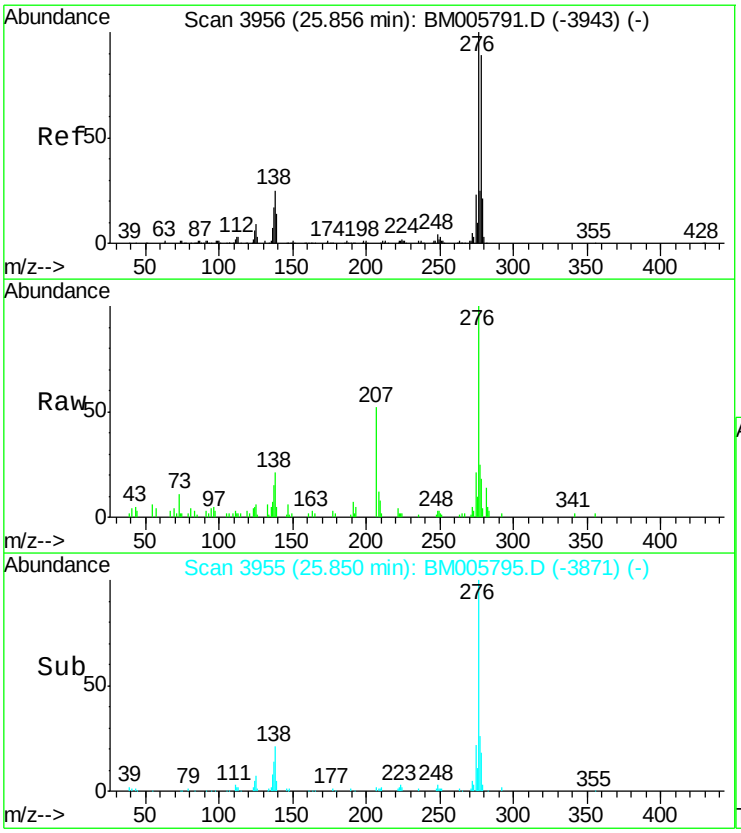
#38
Benzo(a)pyrene
Concen: 3.18 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:252 Resp: 80623

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.4	8.7	13.1

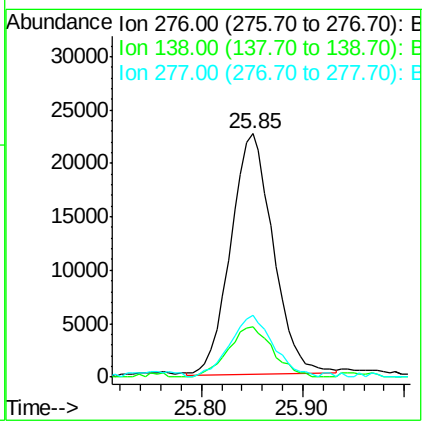


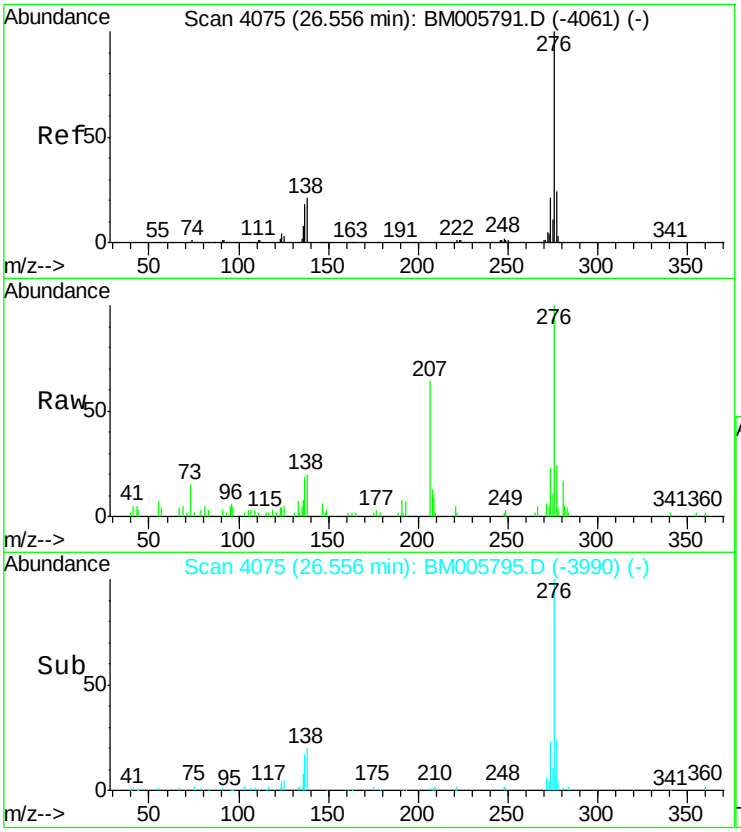


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Tgt Ion:276 Resp: 65558

Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.4	30.6
277	25.2	20.6	30.8





#41
Benzo(g,h,i)perylene
Concen: 2.43 ng/ul
RT: 26.56 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BM005795.D
Acq: 14 Jun 2016 21:30

Instrument :
BNA_M
ClientSampleId :
D9XZ6

Tgt Ion:276 Resp: 61076

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.6	25.0
277	23.7	18.9	28.3