Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005859.D
Acq On : 17 Jun 2016 13:34
Operator : UM/SJ
Sample : H3535-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y12

Quant Time: Jun 17 14:44:23 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	22643	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	104886	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	66294	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	156040	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	182758	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	155259	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	492	2.81	ng/uL	0.00
3) Phenol-d5	6.92	99	28389	14.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	17116	17.42	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	28172	17.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	20020	11.82	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	14360	19.40	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	17746	19.62	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	31954	17.88	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	16996	14.06	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	113750	18.14	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	139476	19.30	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	5661	7.49	ng/ul	0.02
21) Fluorene-d10	15.37	176	101155	18.93	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	8636	8.20	ng/ul	0.00
26) Anthracene-d10	17.22	188	156193	19.17	ng/ul	0.00
30) Pyrene-d10	19.52	212	186756	21.56	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	150017	19.33	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.16	178	11401	1.23	ng/ul	96
28) Fluoranthene	19.18	202	18759	1.61	ng/ul	99
31) Pyrene	19.54	202	18497	1.71	ng/ul	98
32) Benzo(a)anthracene	21.29	228	12593	1.10	ng/ul#	95
33) Chrysene	21.34	228	14851	1.35	ng/ul#	92
38) Benzo(a)pyrene	23.46	252	12477	1.31	ng/ul#	96

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

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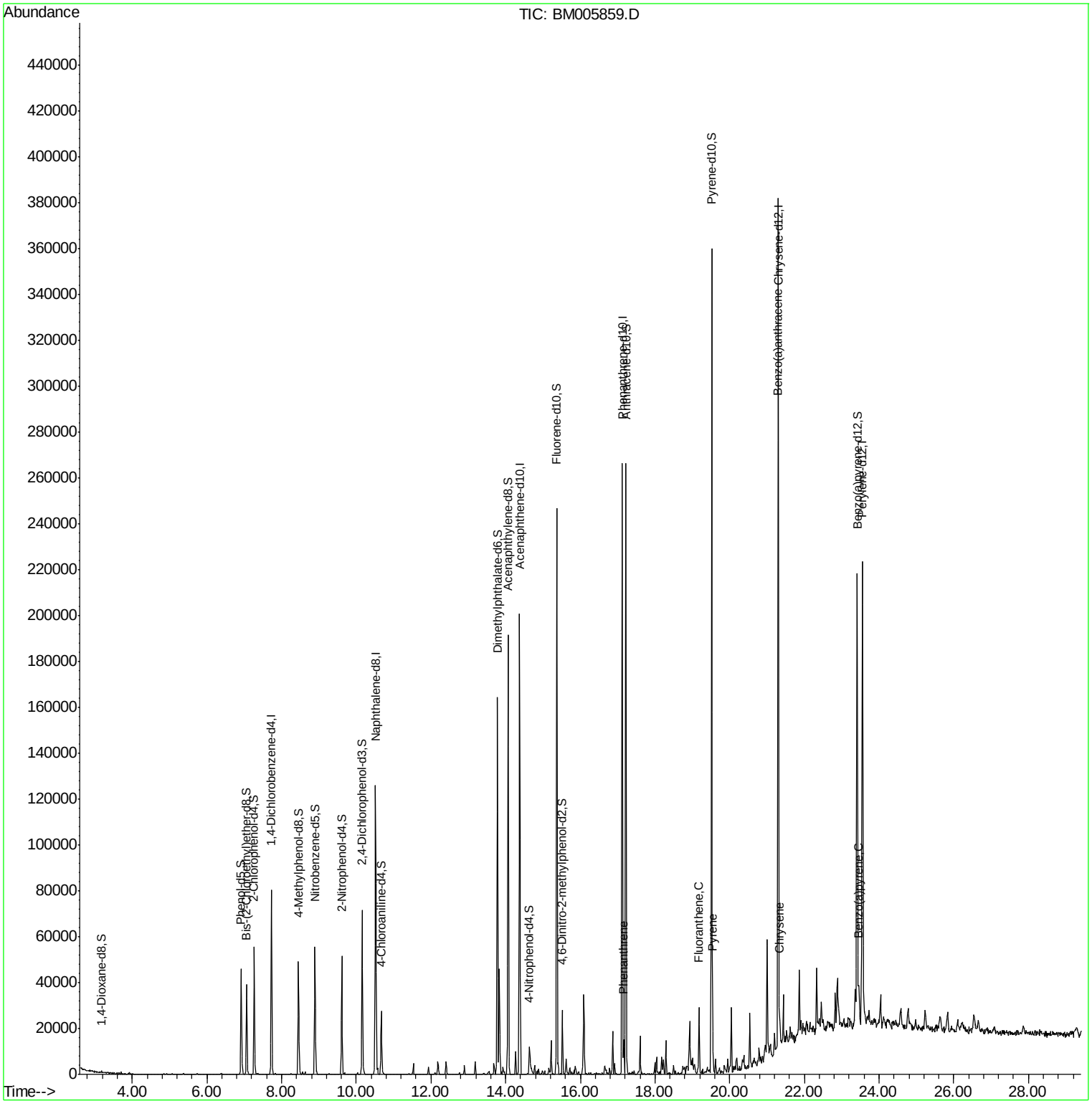
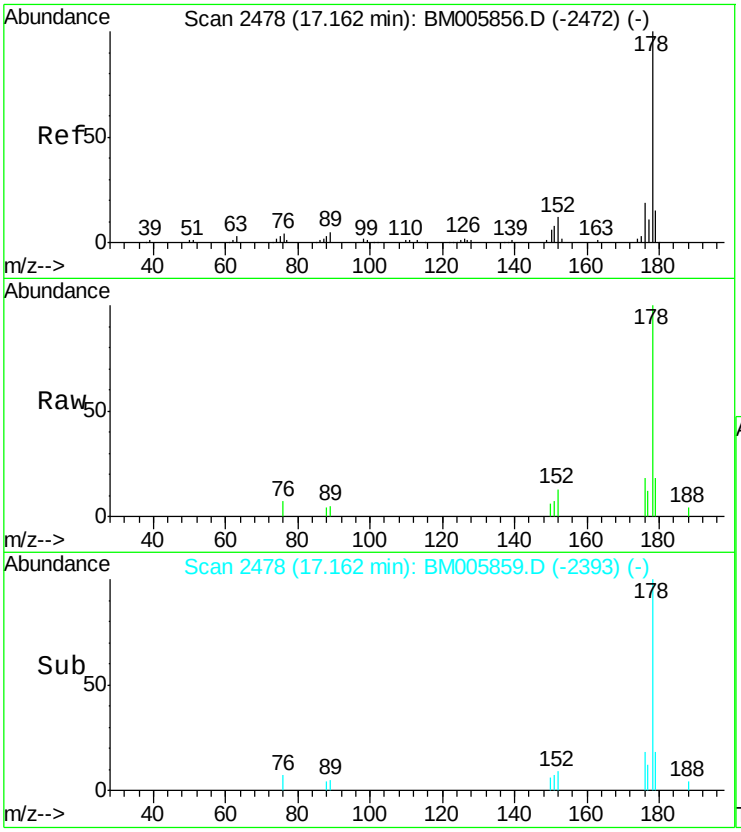


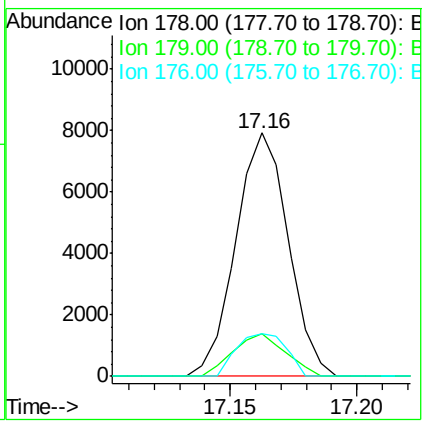


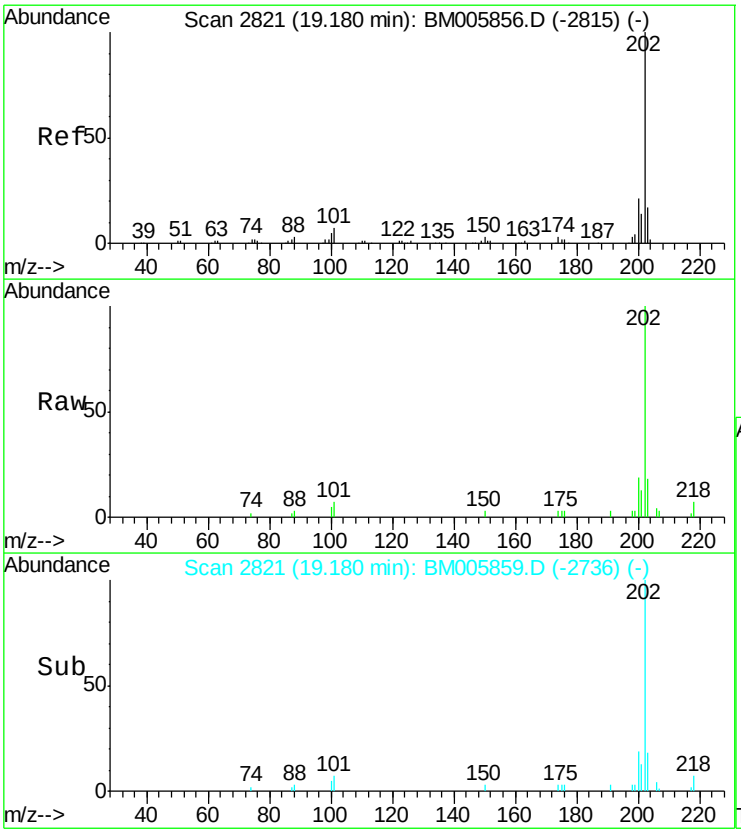
#25
Phenanthrene
Concen: 1.23 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Instrument :
BNA_M
ClientSampleId :
D9Y12

Tgt Ion:178 Resp: 11401

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.0	18.0
176	17.7	14.9	22.3

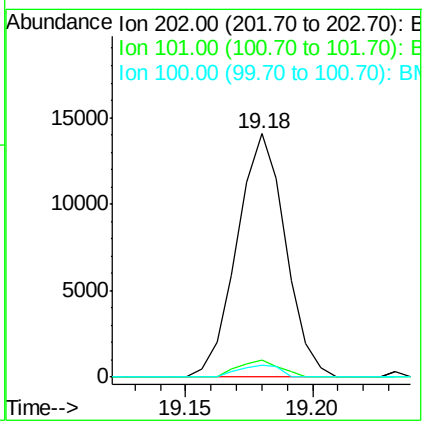


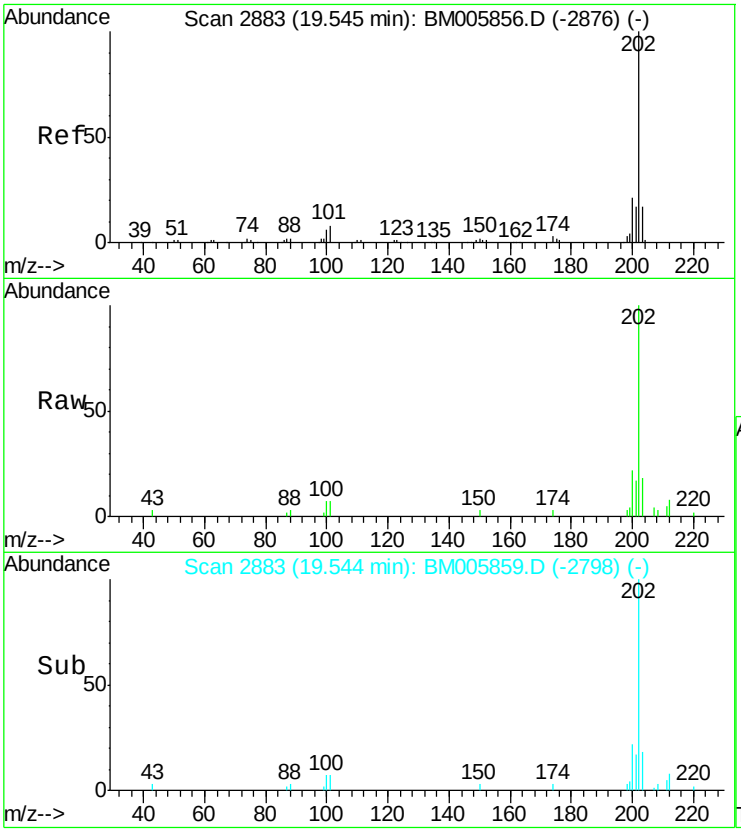


#28
Fluoranthene
Concen: 1.61 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Tgt Ion:202 Resp: 18759

Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.1	9.1
100	4.8	4.2	6.2



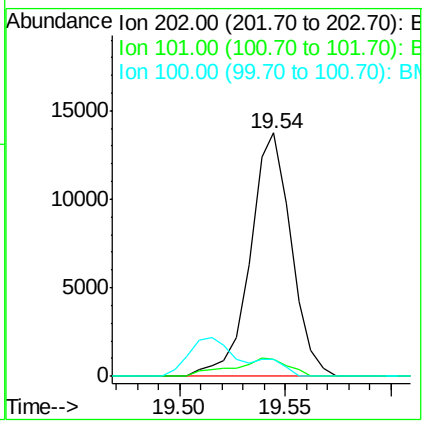


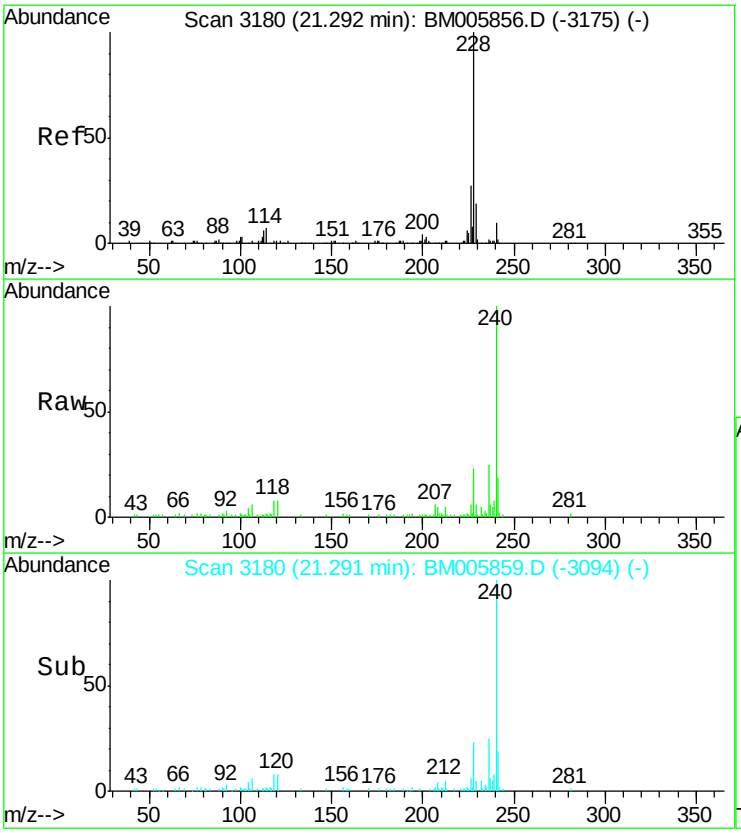
#31
Pyrene
Concen: 1.71 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Instrument :
BNA_M
ClientSampleId :
D9Y12

Tgt Ion:202 Resp: 18497

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.5	9.7
100	7.0	5.4	8.2

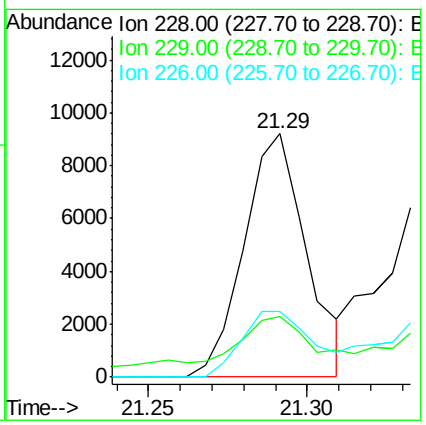


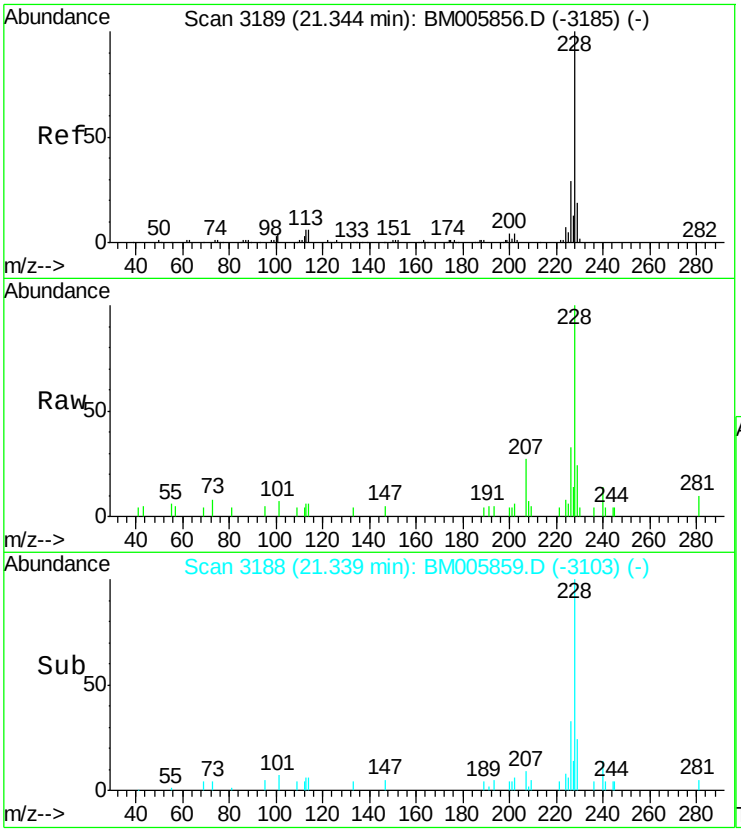


#32
Benzo(a)anthracene
Concen: 1.10 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Tgt Ion:228 Resp: 12593

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.8	23.6#
226	27.2	21.8	32.6



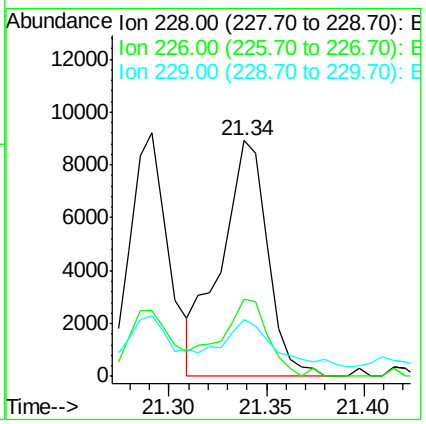


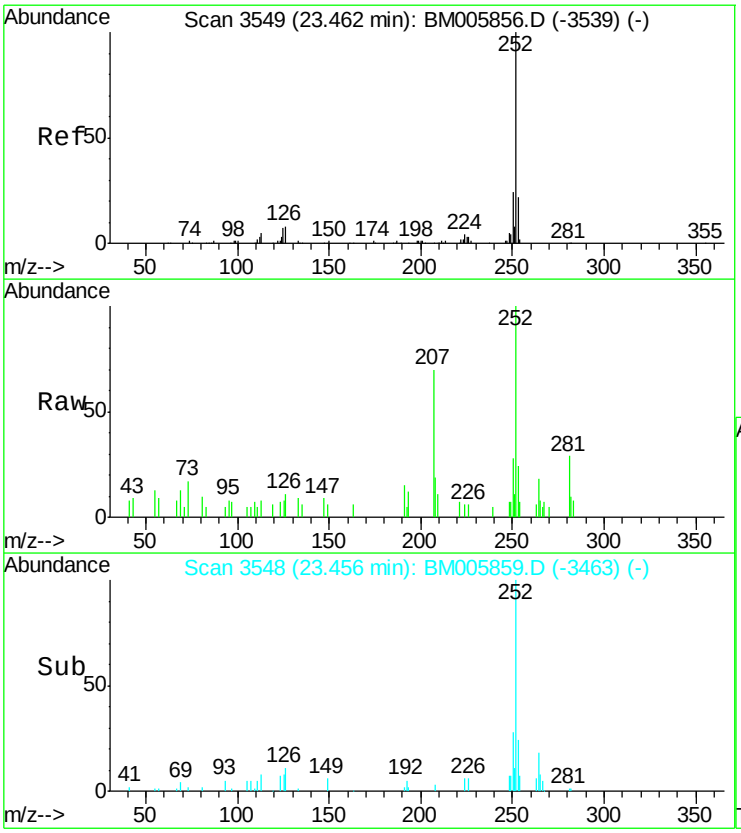
#33
Chrysene
Concen: 1.35 ng/ul
RT: 21.34 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Instrument :
BNA_M
ClientSampleId :
D9Y12

Tgt Ion:228 Resp: 14851

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.5	35.3
229	23.9	15.4	23.0#





#38
Benzo(a)pyrene
Concen: 1.31 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. -0.00 min
Lab File: BM005859.D
Acq: 17 Jun 2016 13:34

Tgt Ion:252 Resp: 12477

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	8.0	5.1	7.7#