Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006599.D
Acq On : 21 Jul 2016 22:13
Operator : UM/SJ
Sample : H4078-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT8

Quant Time: Jul 22 03:13:33 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	172394	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	768391	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	447623	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1012265	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1183667	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1242169	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7665	1.80	ng/uL	0.00
3) Phenol-d5	6.79	99	257218	17.54	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	178914	19.69	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	214473	18.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	184381	16.21	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	108434	18.64	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	119281	19.28	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	209588	17.93	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	258686	20.10	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	674440	19.22	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	854180	19.07	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	86340	14.16	ng/ul	0.00
21) Fluorene-d10	15.26	176	610501	19.45	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.39	200	77747	14.80	ng/ul	0.00
26) Anthracene-d10	17.11	188	935712	19.47	ng/ul	0.00
30) Pyrene-d10	19.42	212	1096883	20.34	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1150814	20.14	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	73276	1.29	ng/ul	99
28) Fluoranthene	19.08	202	169280	2.53	ng/ul	98
31) Pyrene	19.44	202	149009	2.08	ng/ul	97
32) Benzo(a)anthracene	21.20	228	97599	1.36	ng/ul	96
33) Chrysene	21.25	228	101790	1.54	ng/ul	98
35) Benzo(b)fluoranthene	22.75	252	152741	2.05	ng/ul	98
38) Benzo(a)pyrene	23.32	252	94776	1.31	ng/ul	97

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

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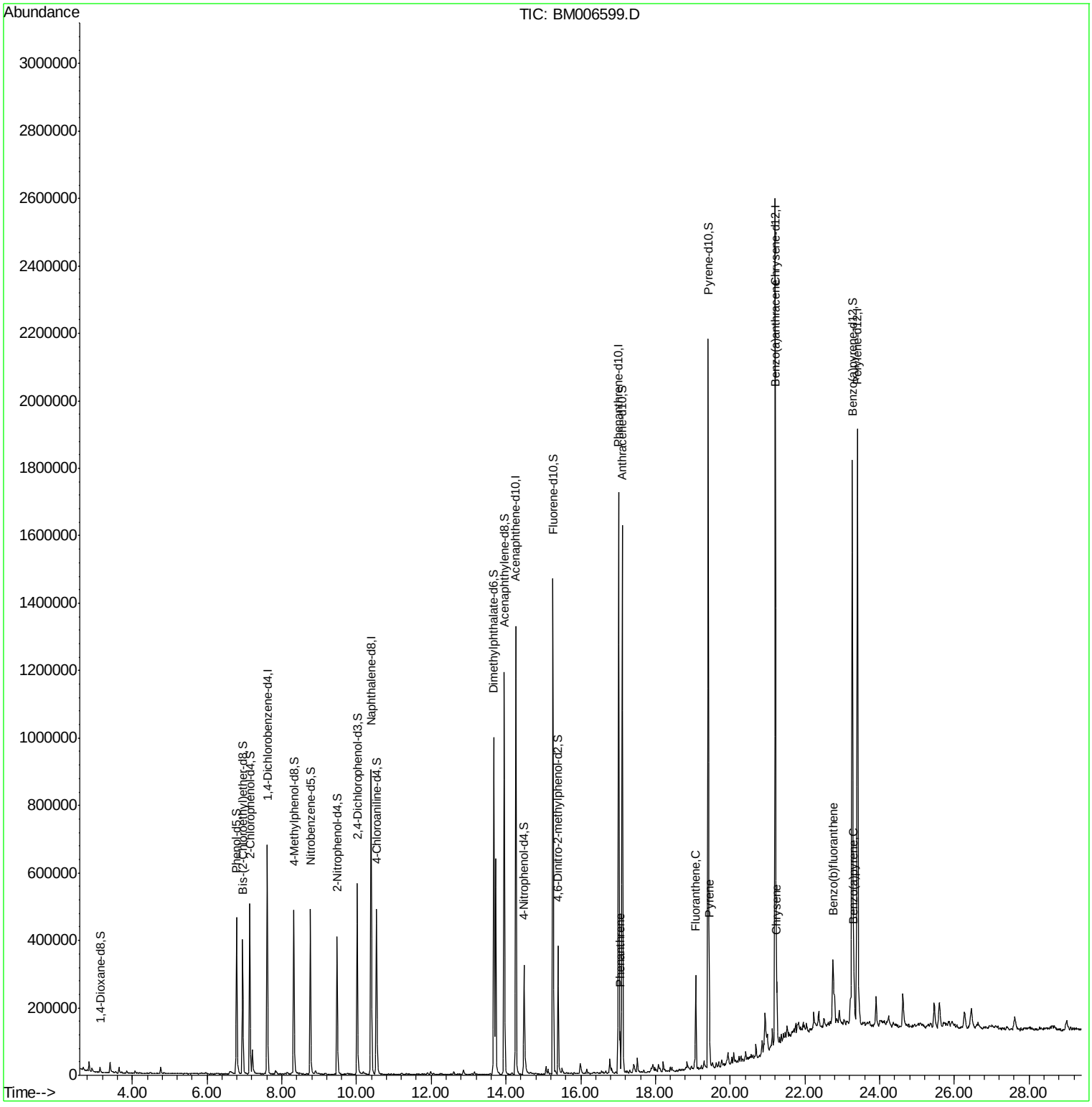
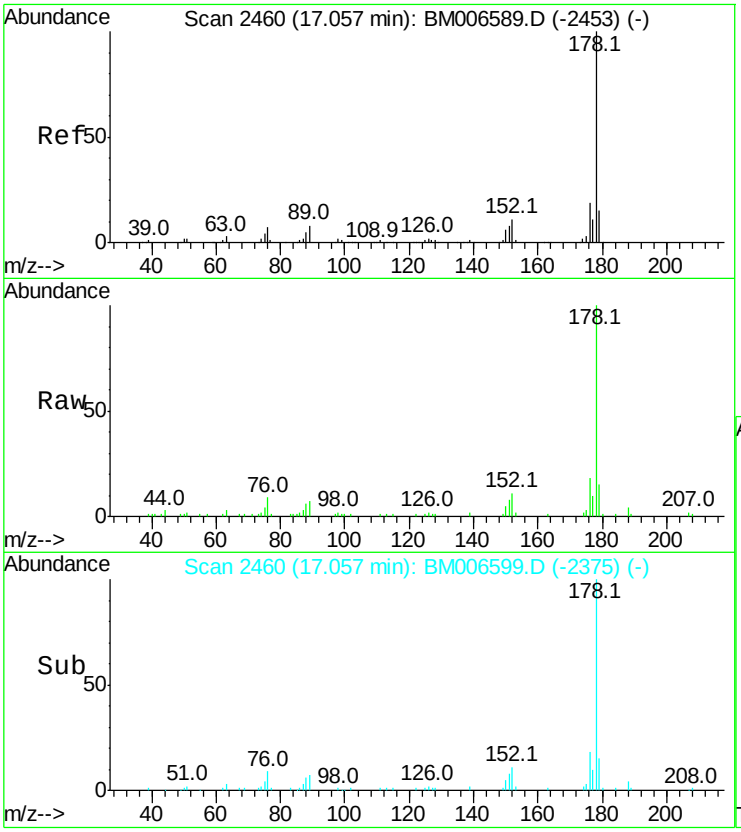


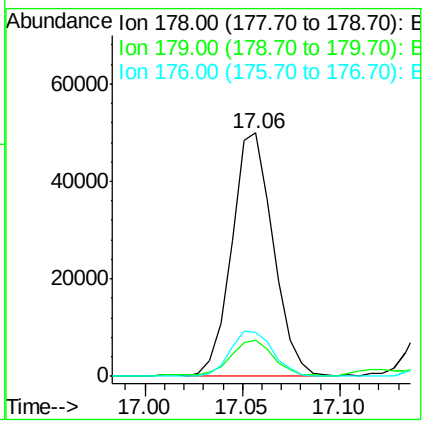


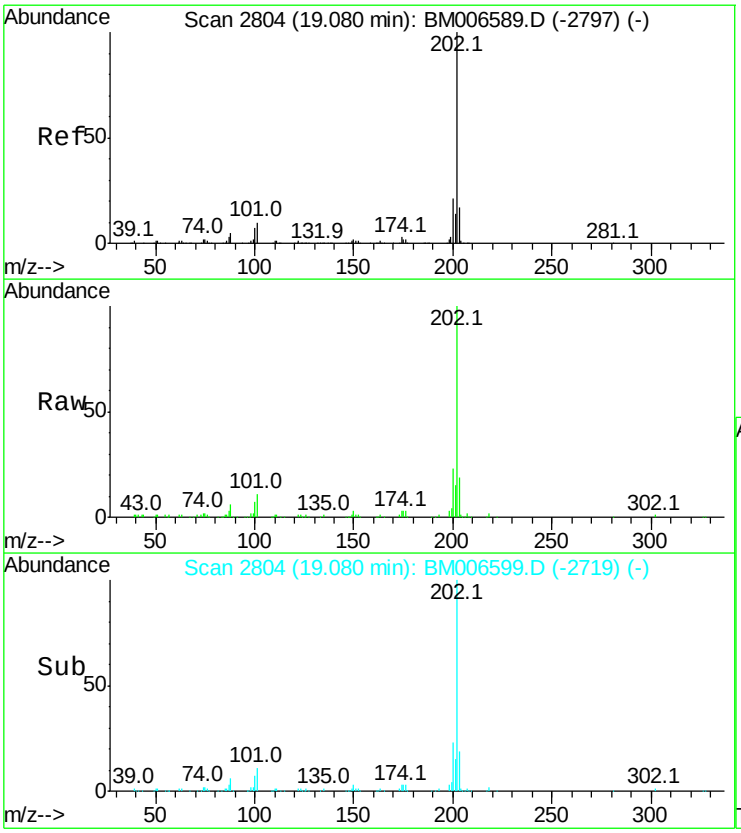
#25
Phenanthrene
Concen: 1.29 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Instrument :
BNA_M
ClientSampleId :
D9YT8

Tgt Ion:178 Resp: 73276

Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.8	17.8
176	18.1	14.8	22.2

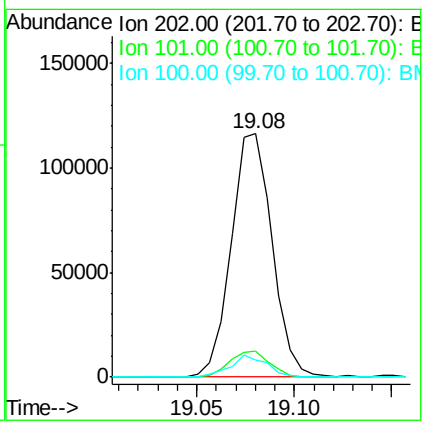


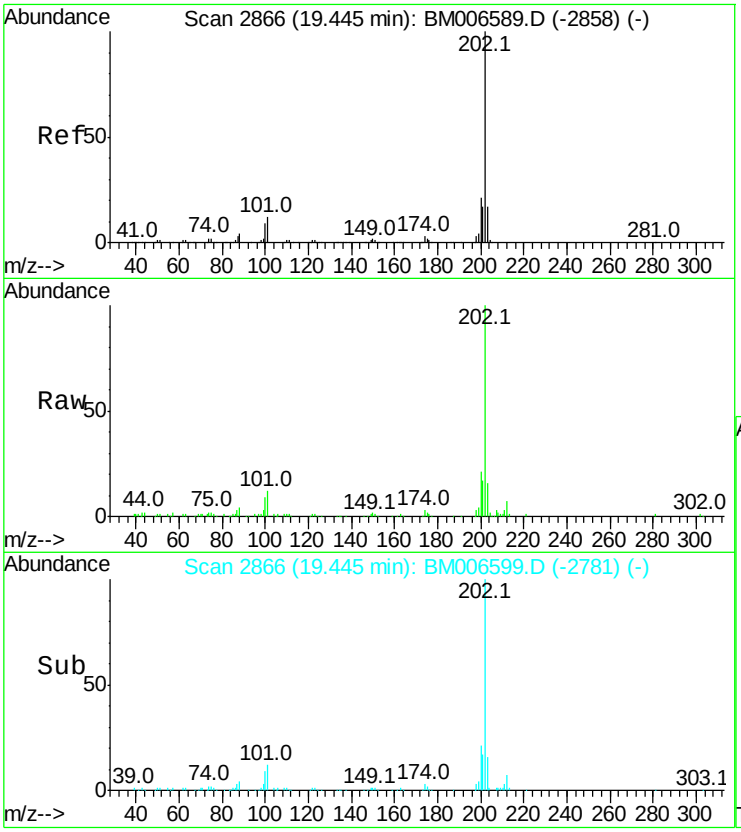


#28
Fluoranthene
Concen: 2.53 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Tgt Ion:202 Resp: 169280

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	7.0	7.0	10.4



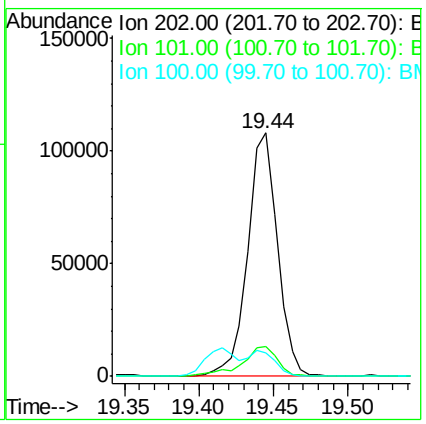


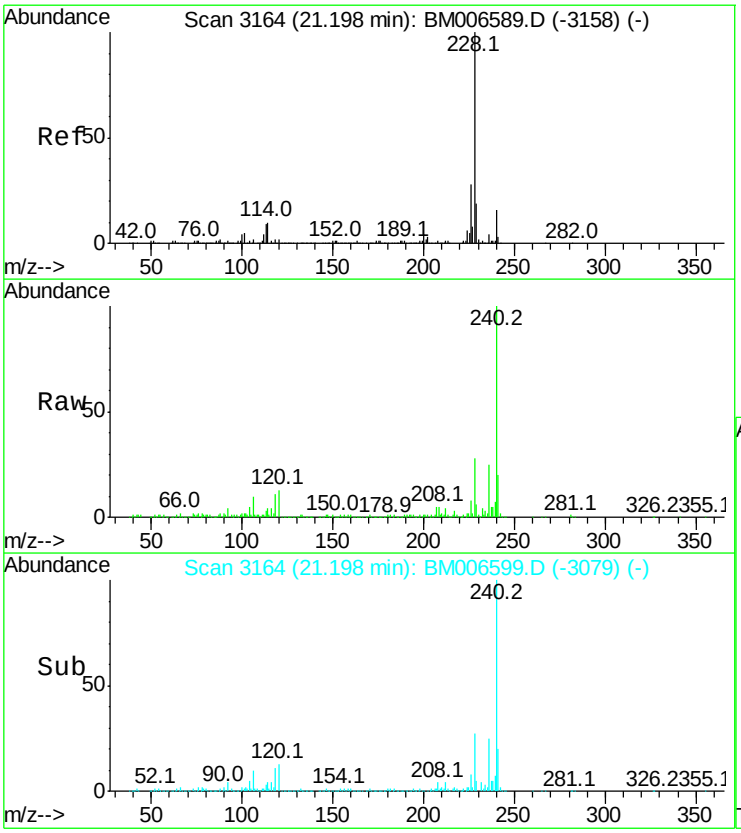
#31
Pyrene
Concen: 2.08 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Instrument :
BNA_M
ClientSampleId :
D9YT8

Tgt Ion:202 Resp: 149009

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.4	9.3	13.9

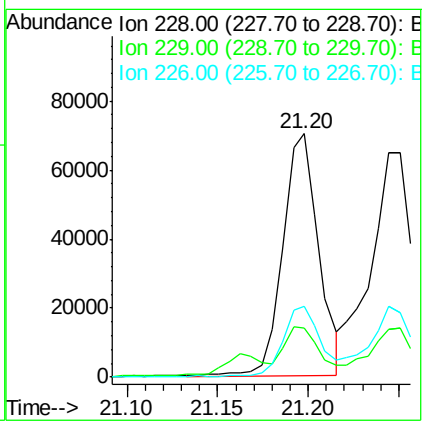


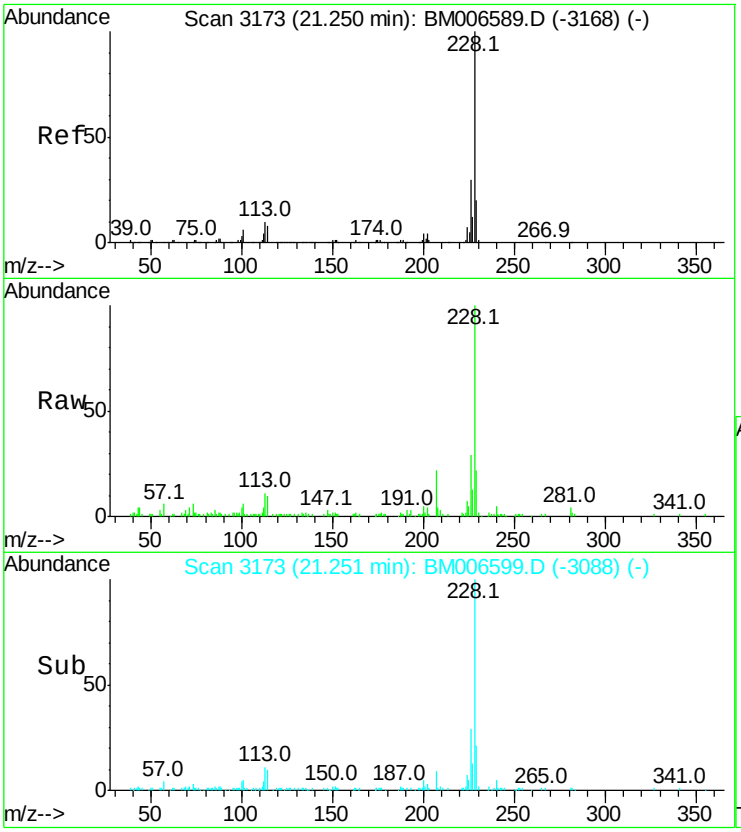


#32
Benzo(a)anthracene
Concen: 1.36 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Tgt Ion:228 Resp: 97599

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.6	25.0
226	29.1	21.0	31.4



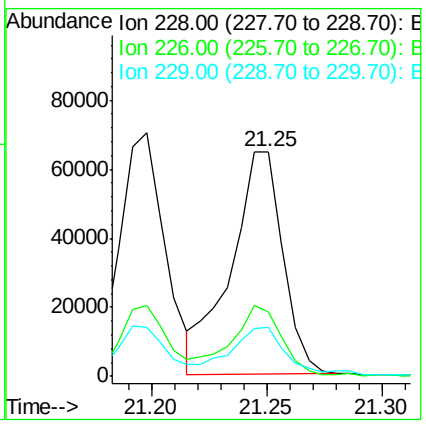


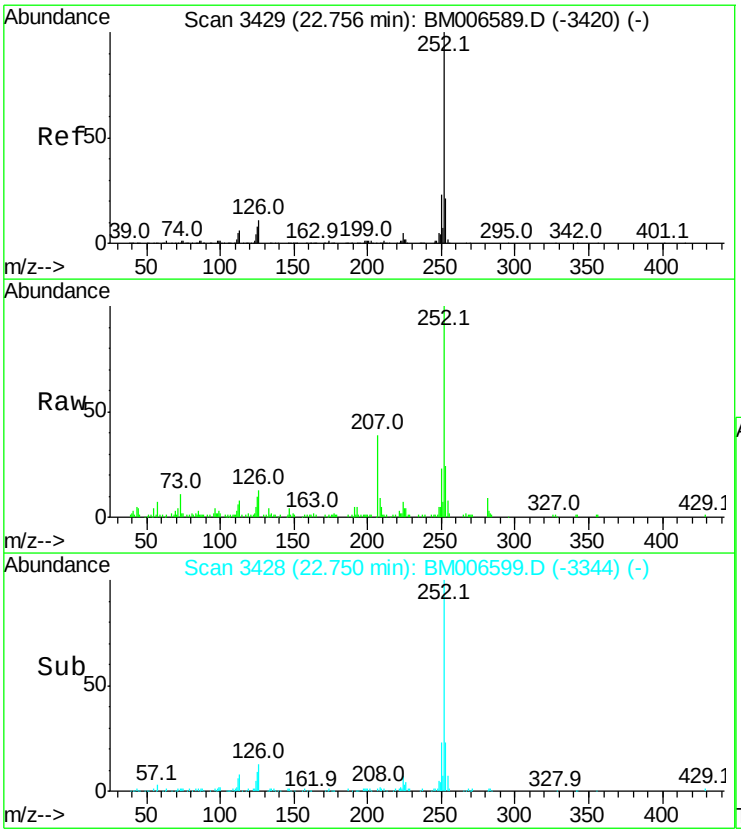
#33
Chrysene
Concen: 1.54 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Instrument :
BNA_M
ClientSampleId :
D9YT8

Tgt Ion:228 Resp: 101790

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	22.0	16.2	24.2

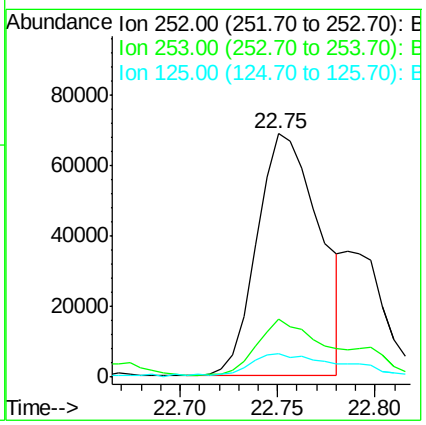


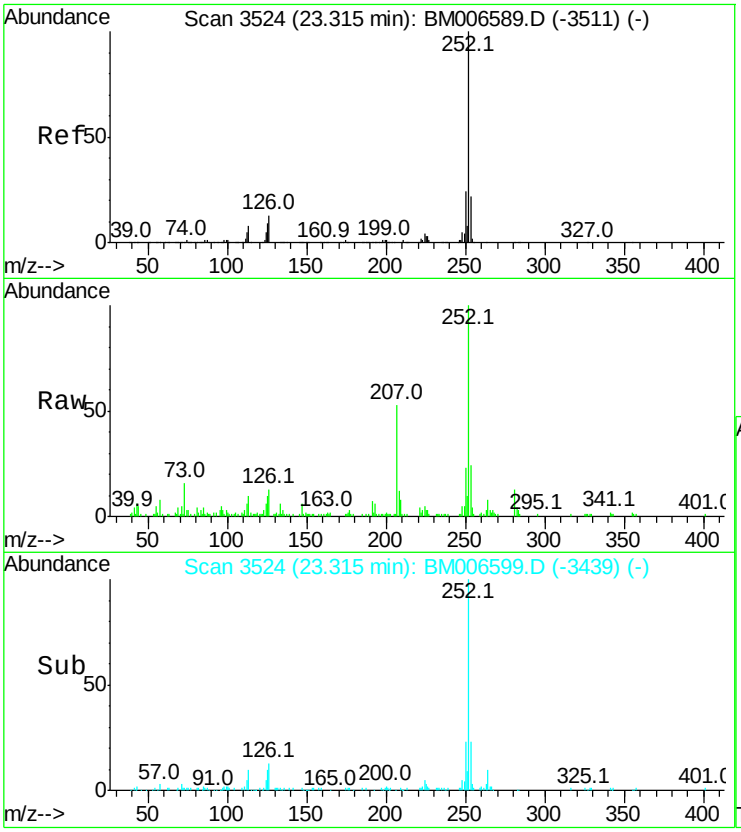


#35
Benzo(b)fluoranthene
Concen: 2.05 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. -0.01 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Tgt Ion:252 Resp: 152741

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.1	27.1
125	9.8	7.6	11.4





#38
Benzo(a)pyrene
Concen: 1.31 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006599.D
Acq: 21 Jul 2016 22:13

Instrument :
BNA_M
ClientSampleId :
D9YT8

Tgt Ion:252 Resp: 94776

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	10.1	8.2	12.2