Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072616\
Data File : BM006657.D
Acq On : 26 Jul 2016 19:45
Operator : UM/SJ
Sample : H4062-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJC1

Quant Time: Jul 27 04:09:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 15:24:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	135767	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	597221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	351720	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	826253	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	985099	20.00	ng/ul	0.00
83) Perylene-d12	23.42	264	1050501	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	5914	1.69	ng/uL	0.00
5) Phenol-d5	6.79	99	195800	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	128074	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	155194	16.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	138853	14.84	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	75204	16.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	83432	16.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	138460	15.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	196894	21.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	482302	17.18	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	595930	16.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	58221	12.06	ng/ul	0.00
57) Fluorene-d10	15.26	176	428604	17.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	43660	9.70	ng/ul	0.00
70) Anthracene-d10	17.12	188	654934	16.99	ng/ul	0.00
76) Pyrene-d10	19.42	212	757740	16.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.28	264	805176	16.94	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.72	163	196332	6.99	ng/ul	99
74) Fluoranthene	19.09	202	93464	1.84	ng/ul	99
77) Pyrene	19.45	202	100129	1.66	ng/ul	98
80) Benzo(a)anthracene	21.20	228	86773	1.48	ng/ul	95
82) Chrysene	21.26	228	92656	1.73	ng/ul	94
85) Benzo(b)fluoranthene	22.77	252	117273	1.89	ng/ul	97
88) Benzo(a)pyrene	23.33	252	95565	1.61	ng/ul#	96

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

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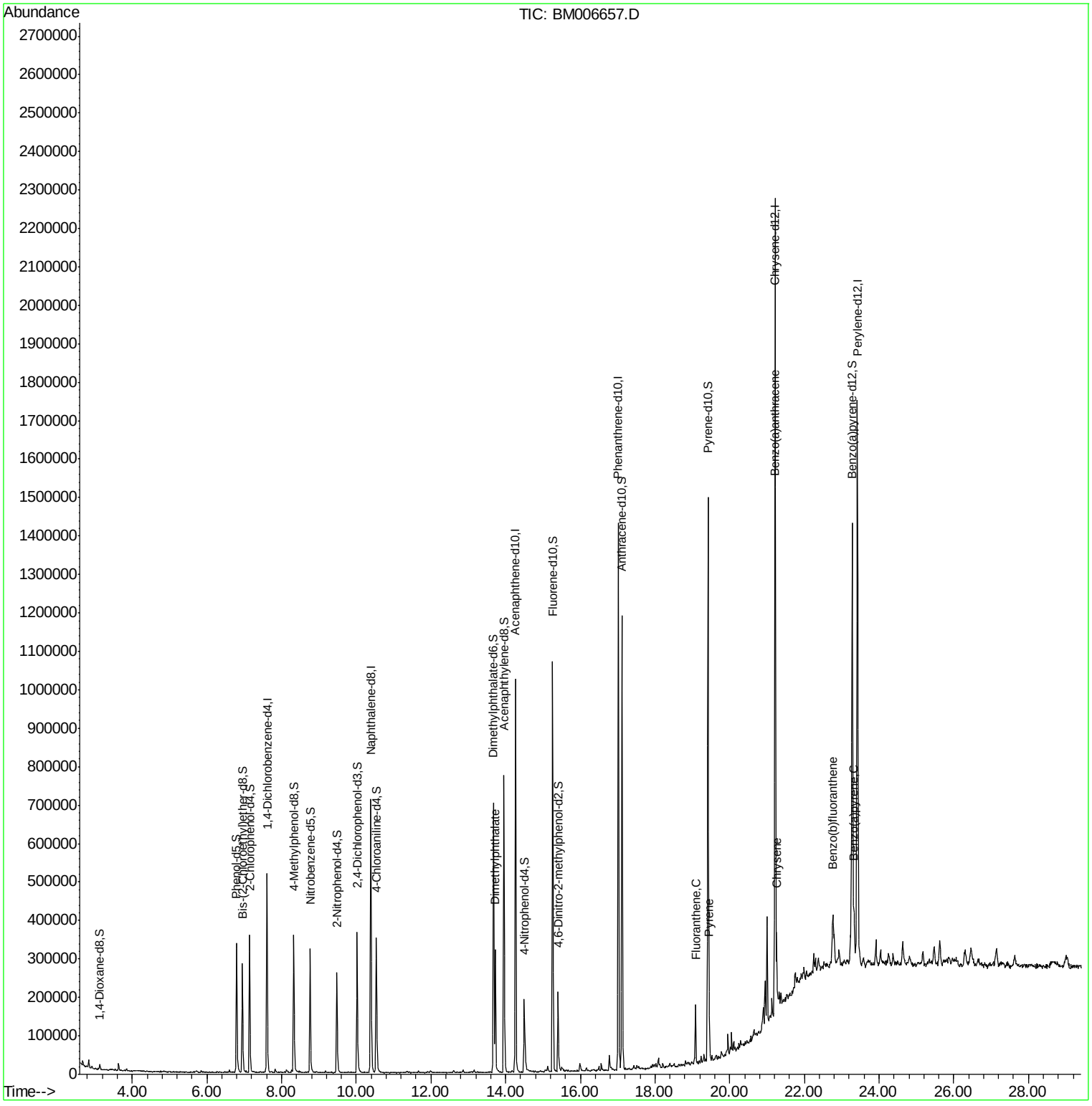
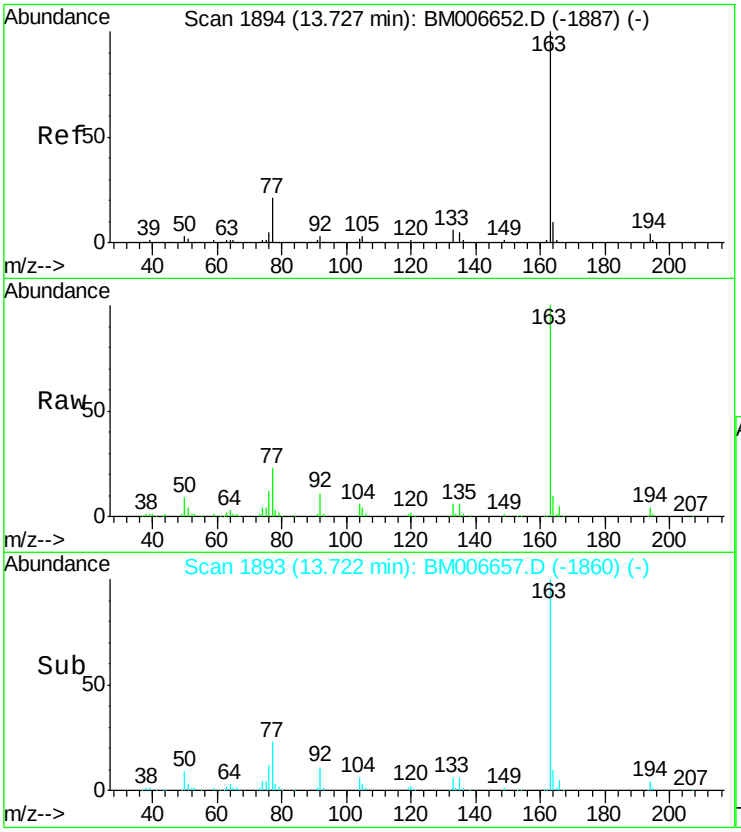


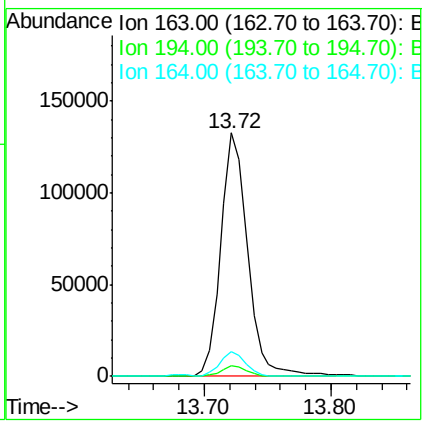


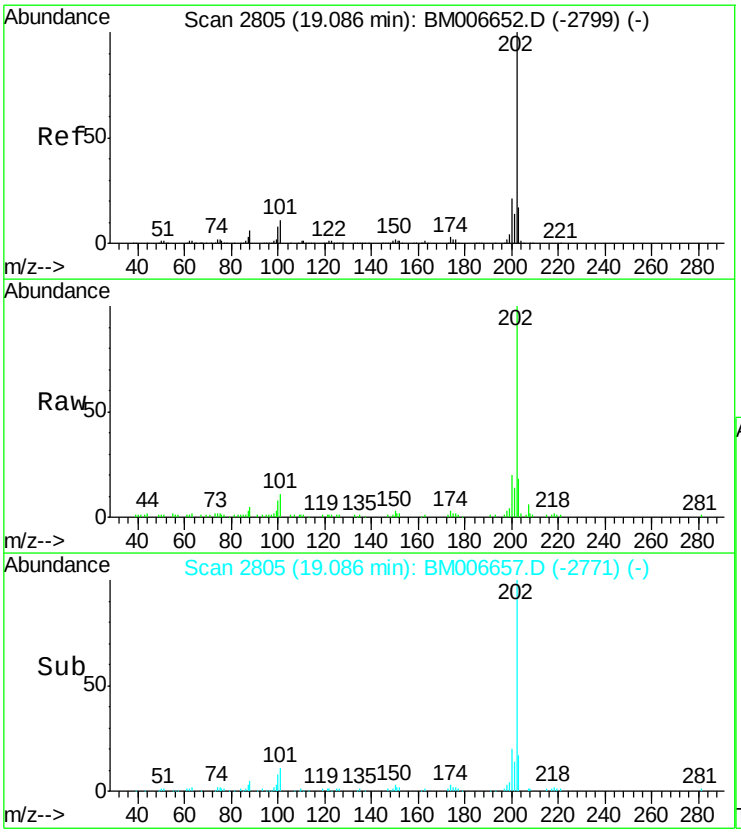
#44
Dimethylphthalate
Concen: 6.99 ng/ul
RT: 13.72 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Instrument :
BNA_M
ClientSampleId :
BDJC1

Tgt Ion:163 Resp: 196332

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	7.8	11.8

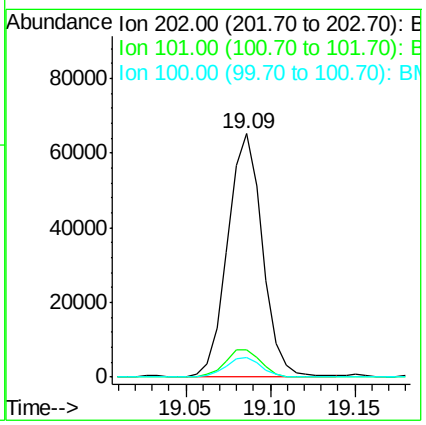


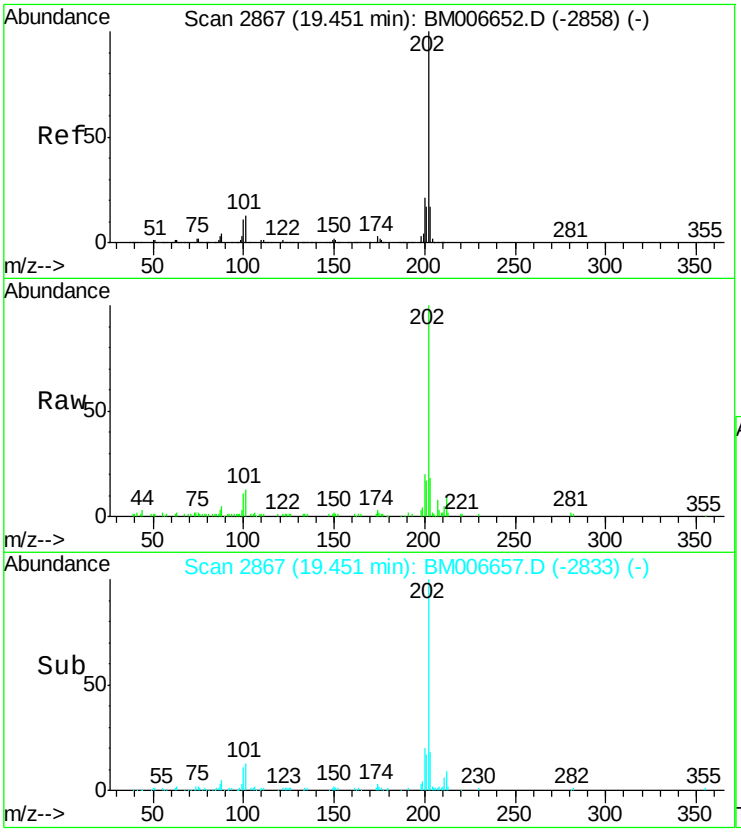


#74
Fluoranthene
Concen: 1.84 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Tgt Ion:202 Resp: 93464

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	12.8
100	8.2	6.4	9.6



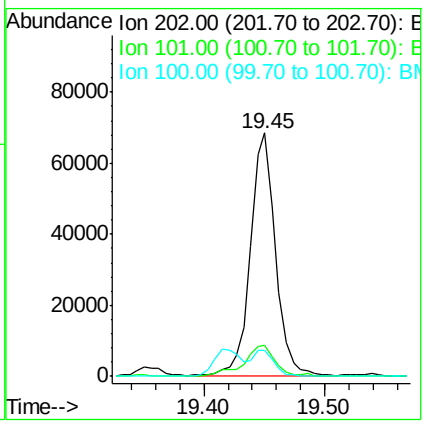


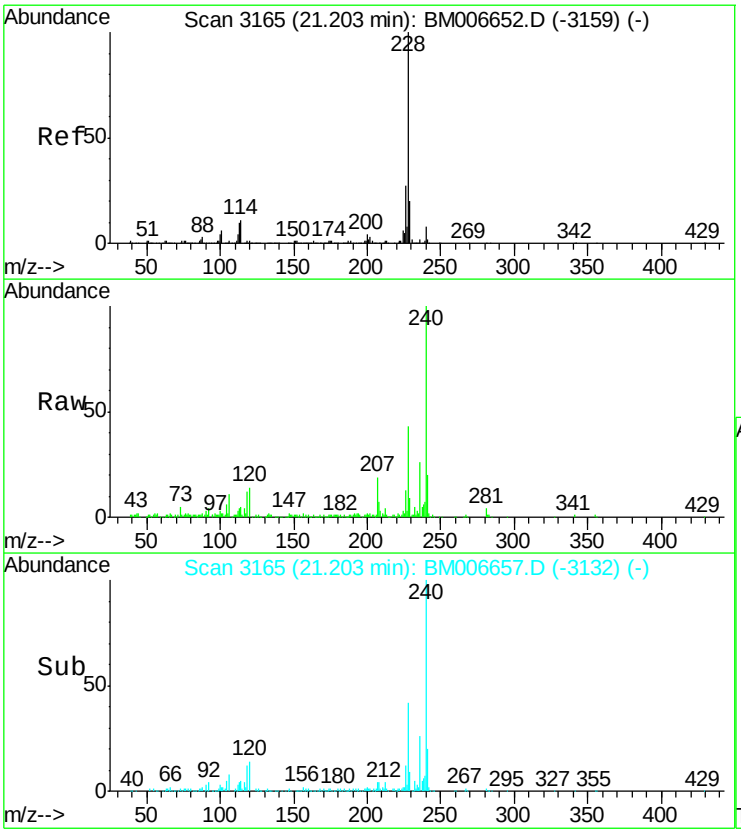
#77
Pyrene
Concen: 1.66 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Instrument :
BNA_M
ClientSampleId :
BDJC1

Tgt Ion:202 Resp: 100129

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.0	15.0
100	10.6	7.9	11.9

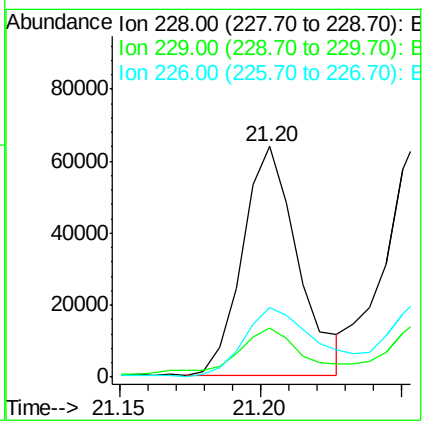


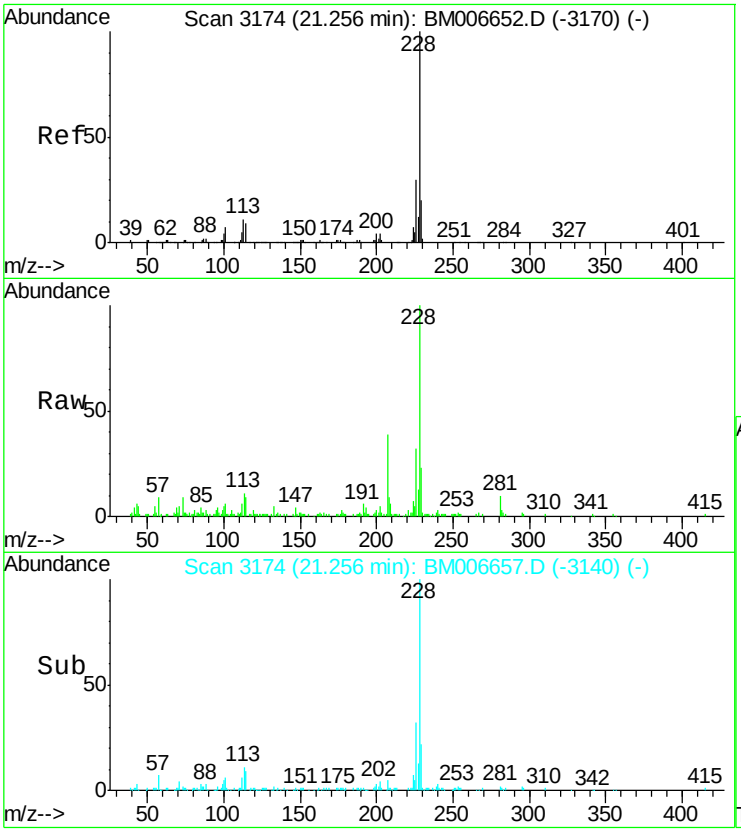


#80
Benzo(a)anthracene
Concen: 1.48 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Tgt Ion:228 Resp: 86773

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.6	23.4
226	30.1	21.4	32.2



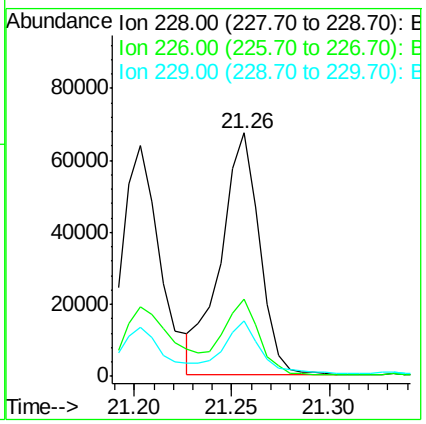


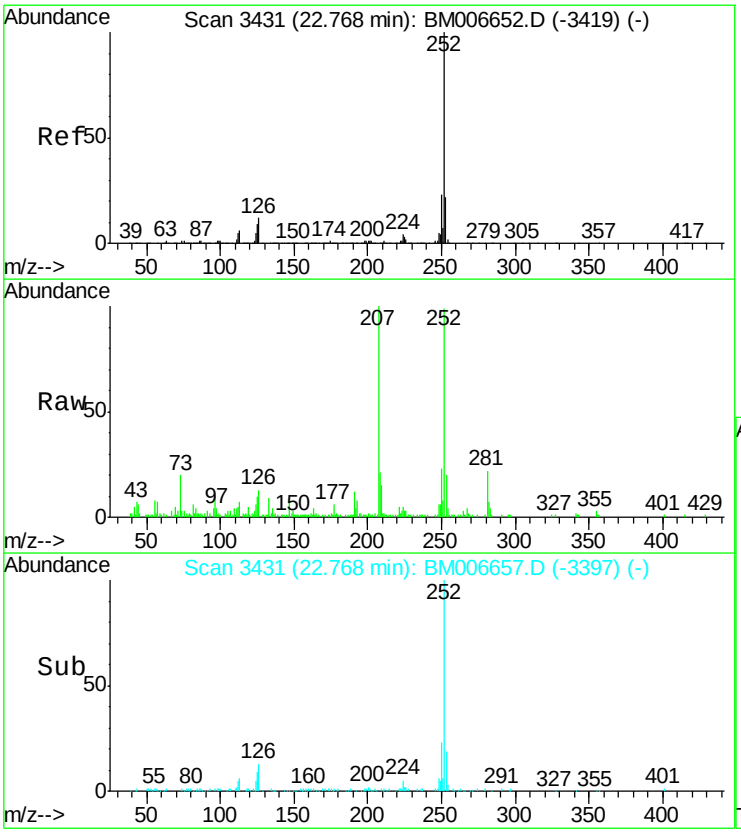
#82
Chrysene
Concen: 1.73 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Instrument :
BNA_M
ClientSampleId :
BDJC1

Tgt Ion:228 Resp: 92656

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.3	34.9
229	22.9	15.8	23.8

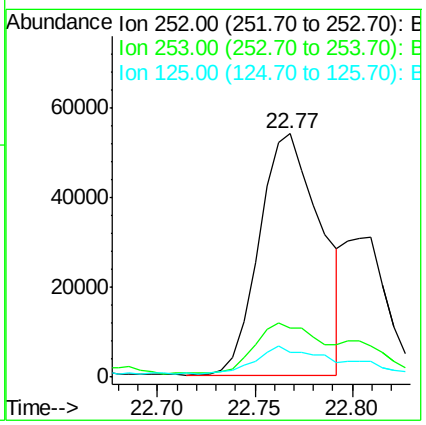


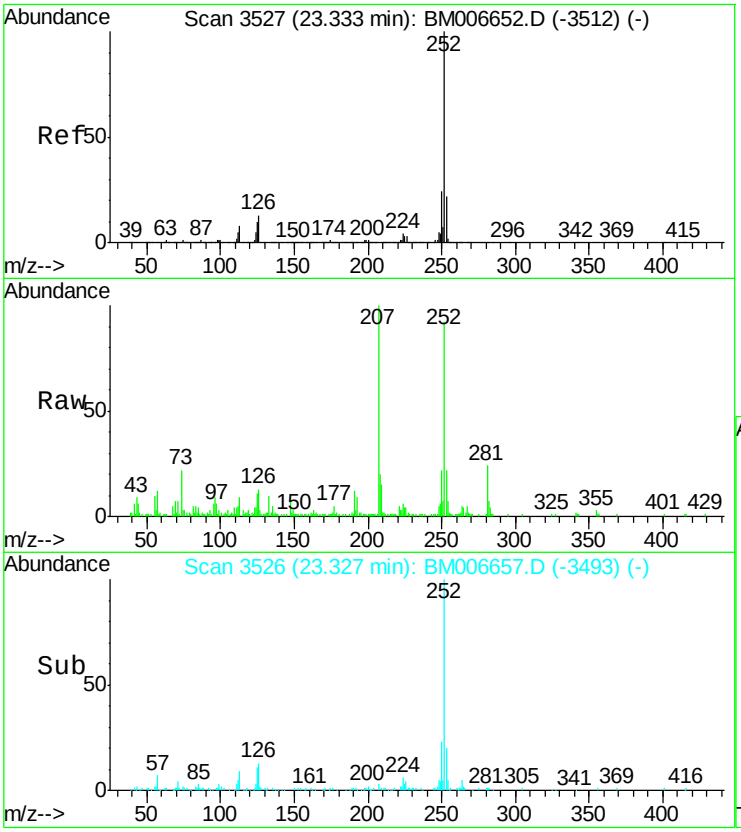


#85
Benzo(b)fluoranthene
Concen: 1.89 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.00 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Tgt Ion:252 Resp: 117273

Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.4	26.2
125	10.1	6.7	10.1





#88
Benzo(a)pyrene
Concen: 1.61 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. -0.01 min
Lab File: BM006657.D
Acq: 26 Jul 2016 19:45

Instrument :
BNA_M
ClientSampleId :
BDJC1

Tgt Ion:252 Resp: 95565

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	11.9	7.6	11.4#