Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002109.D
Acq On : 29 Jul 2015 01:02
Operator : TP/UM
Sample : G3019-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02B6

Manual Integrations APPROVED
apatel
7/30/2015 7:47:51 AM

Quant Time: Jul 29 06:50:09 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 01:50:38 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	58539	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	234264	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	137219	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.00	188	309964	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	368265	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	372658	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4411	3.90	ng/uL	0.00
5) Phenol-d5	6.77	99	103396	24.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	55776	24.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	89356	25.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	85728	25.77	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	41635	25.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	46927	25.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	93047	26.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	20821	5.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	254381	25.31	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	307632	24.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	41925	24.99	ng/ul	0.00
58) Fluorene-d10	15.26	176	220827	24.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	13056	6.89	ng/ul	0.00
71) Anthracene-d10	17.10	188	307029	22.19	ng/ul	0.00
79) Pyrene-d10	19.41	212	358248	23.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	327927	18.15	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.75	77	2825	1.27	ng/ul	97
45) Dimethylphthalate	13.72	163	104877	10.45	ng/ul	100
70) Phenanthrene	17.04	178	33884	2.11	ng/ul	98
77) Fluoranthene	19.07	202	45481	2.45	ng/ul#	86
80) Pyrene	19.44	202	41260	2.06	ng/ul	98
83) Benzo(a)anthracene	21.19	228	20716	1.01	ng/ul	96
85) Chrysene	21.24	228	20342m	1.07	ng/ul	
88) Benzo(b)fluoranthene	22.74	252	27399	1.31	ng/ul#	89

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

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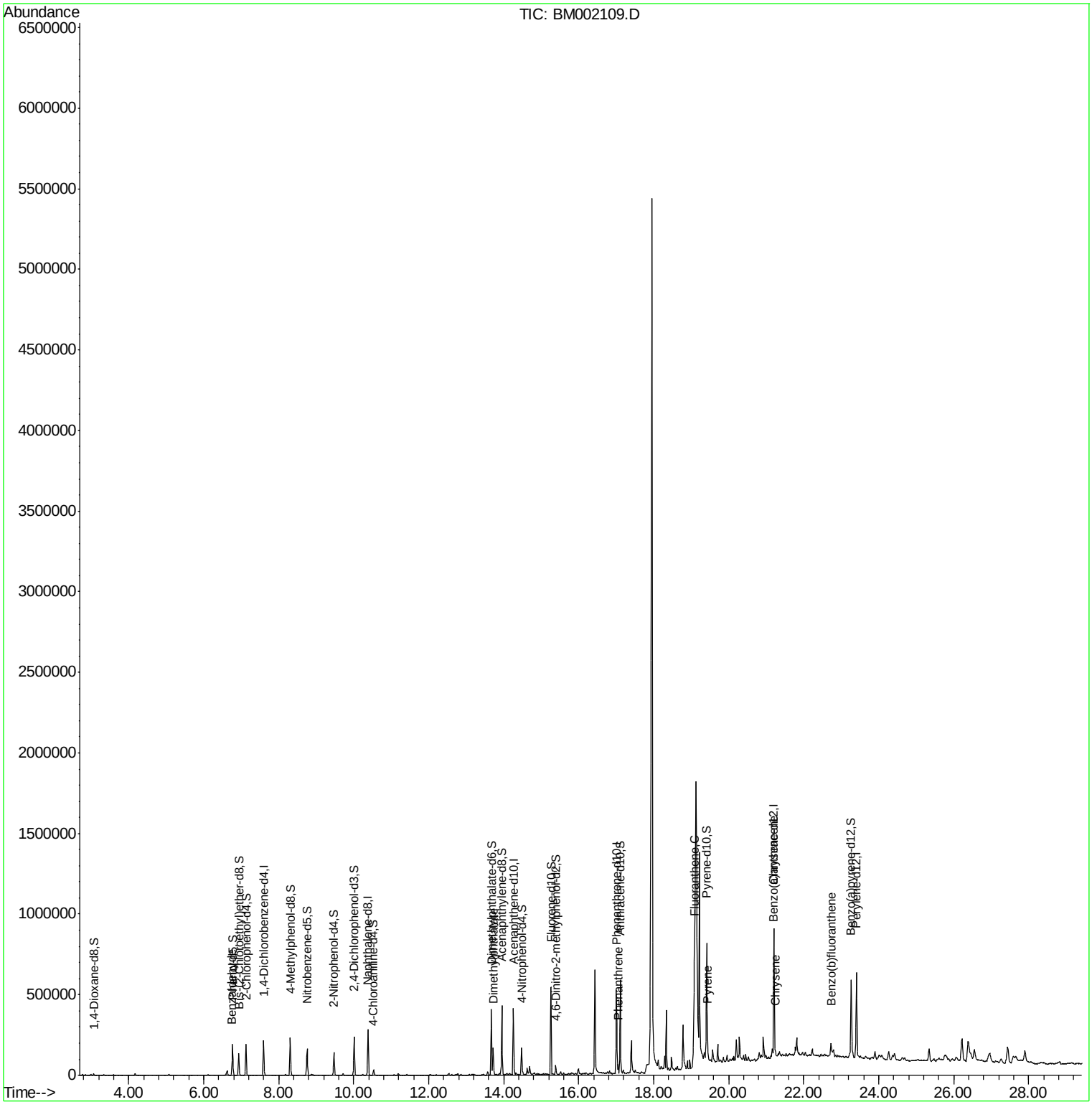
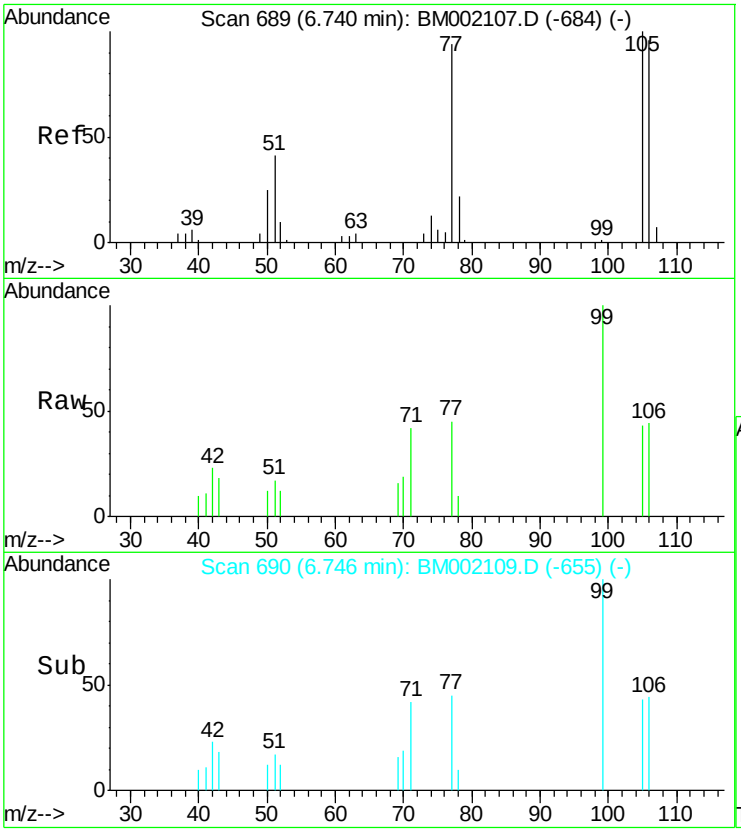
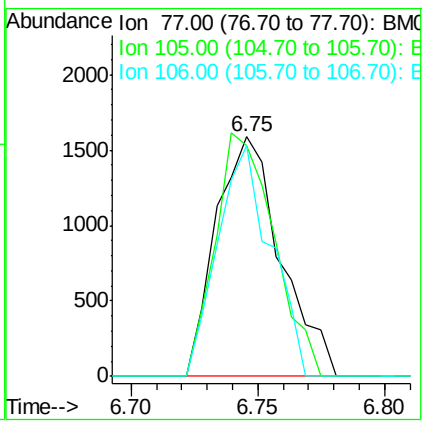




#4
Benzaldehyde
Concen: 1.27 ng/ul
RT: 6.75 min Scan# 690
Delta R.T. 0.01 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion: 77 Resp: 2825

Ion	Ratio	Lower	Upper
77	100		
105	96.3	78.5	117.7
106	96.5	74.5	111.7



Instrument :
BNA_M
ClientSampleId :
C02B6

Manual Integrations APPROVED
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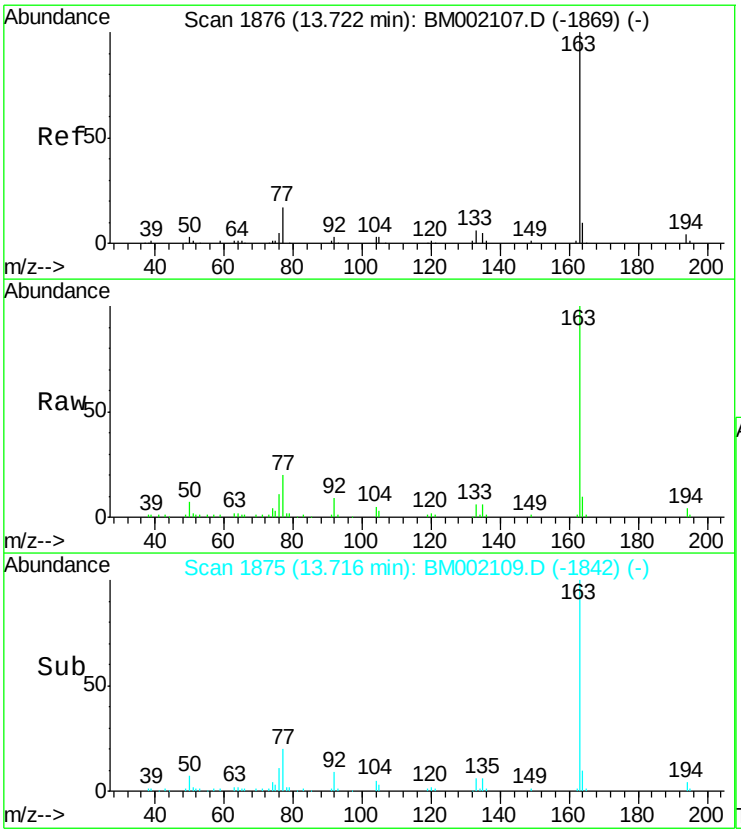
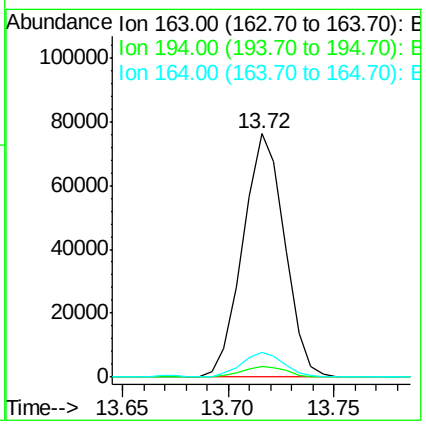
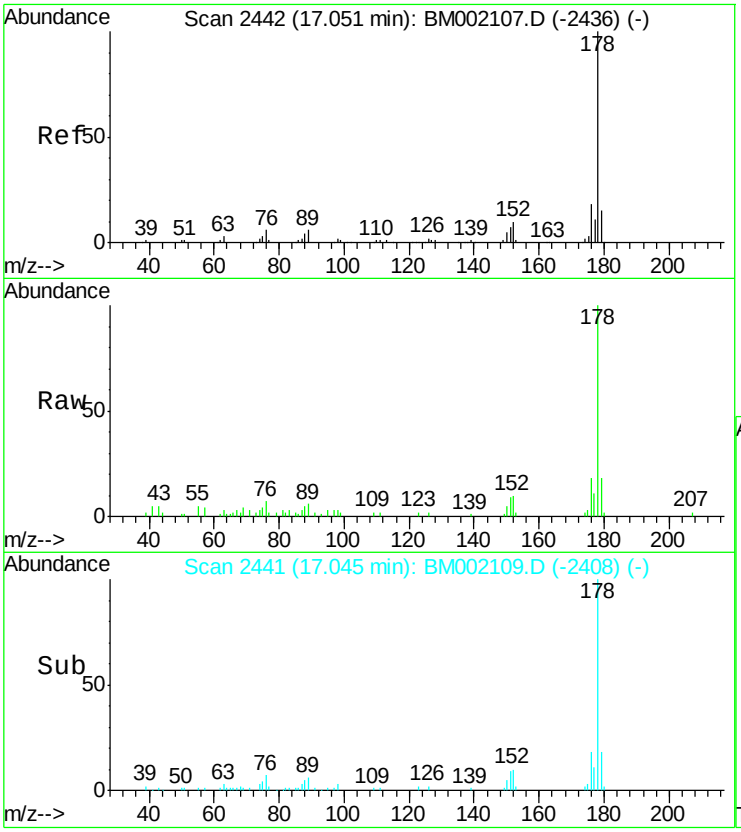


#45
Dimethylphthalate
Concen: 10.45 ng/ul
RT: 13.72 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:163 Resp: 104877

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.0	8.0	12.0

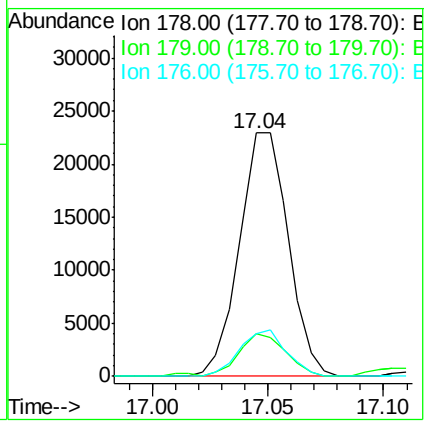




#70
Phenanthrene
Concen: 2.11 ng/ul
RT: 17.04 min Scan# 2441
Delta R.T. -0.01 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:178 Resp: 33884

Ion	Ratio	Lower	Upper
178	100		
179	17.6	12.5	18.7
176	17.7	14.2	21.4



Instrument :
BNA_M
ClientSampleId :
C02B6

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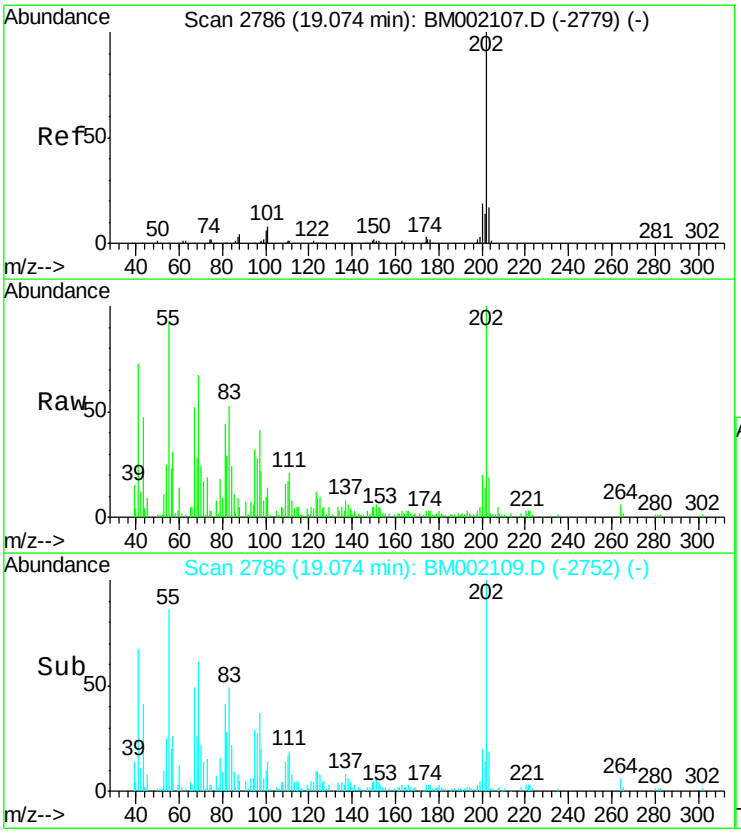
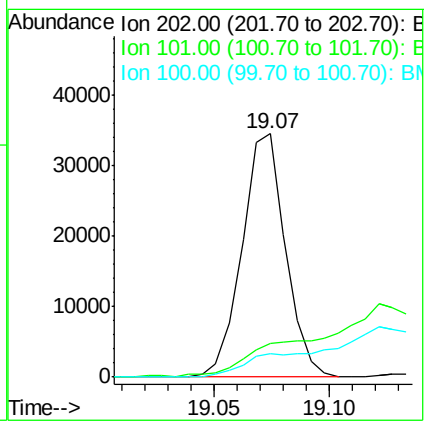
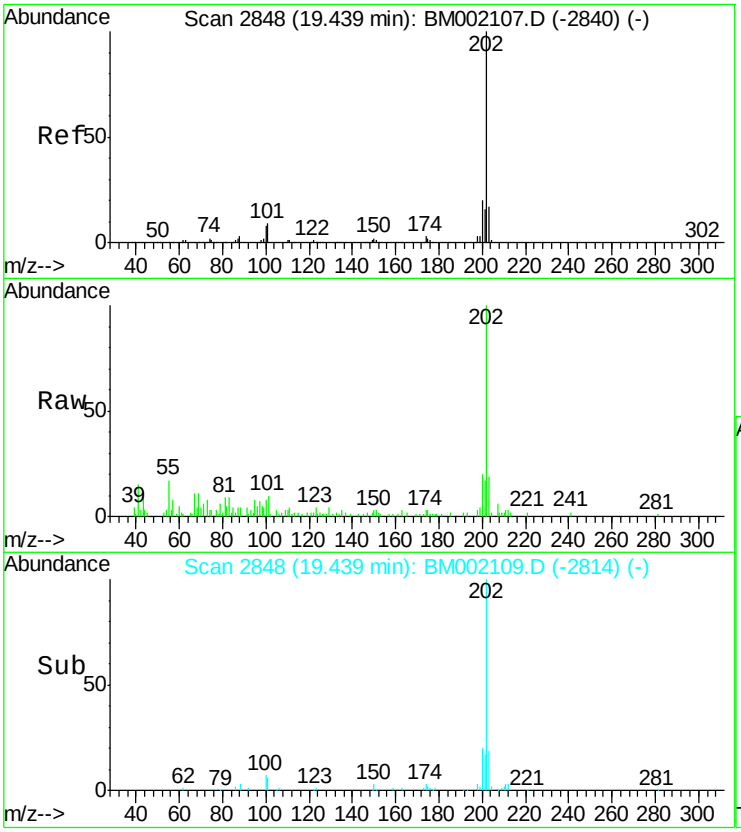


#77
Fluoranthene
Concen: 2.45 ng/ul
RT: 19.07 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:202 Resp: 45481

Ion	Ratio	Lower	Upper
202	100		
101	14.1	6.2	9.4#
100	9.8	5.2	7.8#

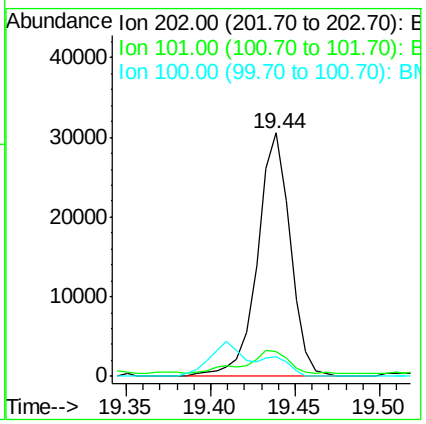




#80
Pyrene
Concen: 2.06 ng/ul
RT: 19.44 min Scan# 2848
Delta R.T. 0.00 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:202 Resp: 41260

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.4	11.2
100	8.2	6.3	9.5



Instrument :
BNA_M
ClientSampleId :
C02B6

Manual Integrations APPROVED
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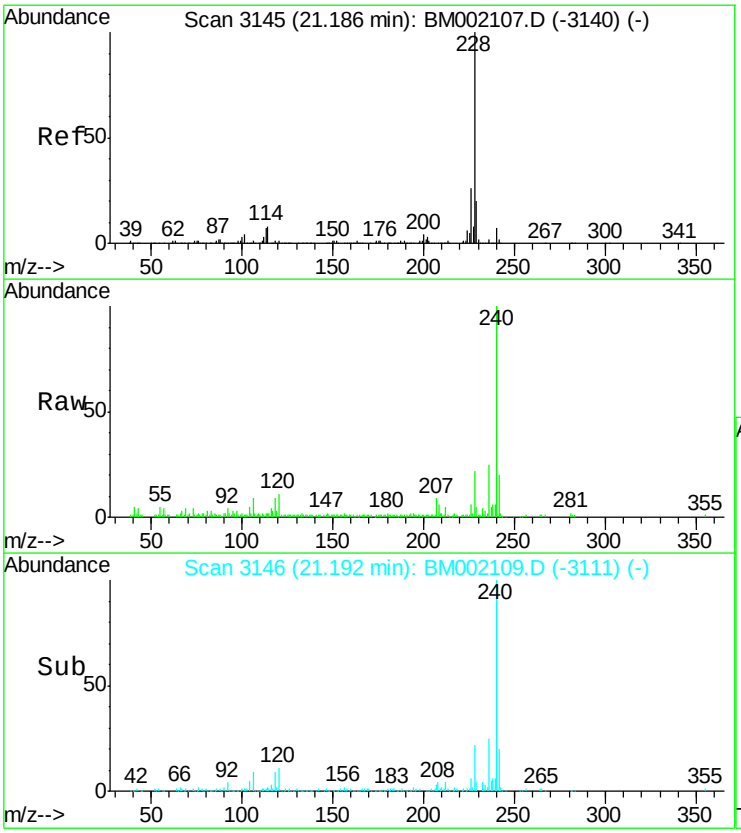
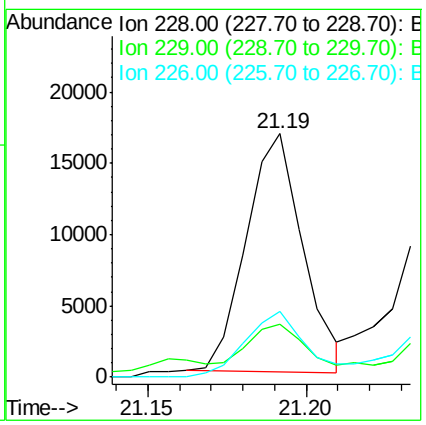
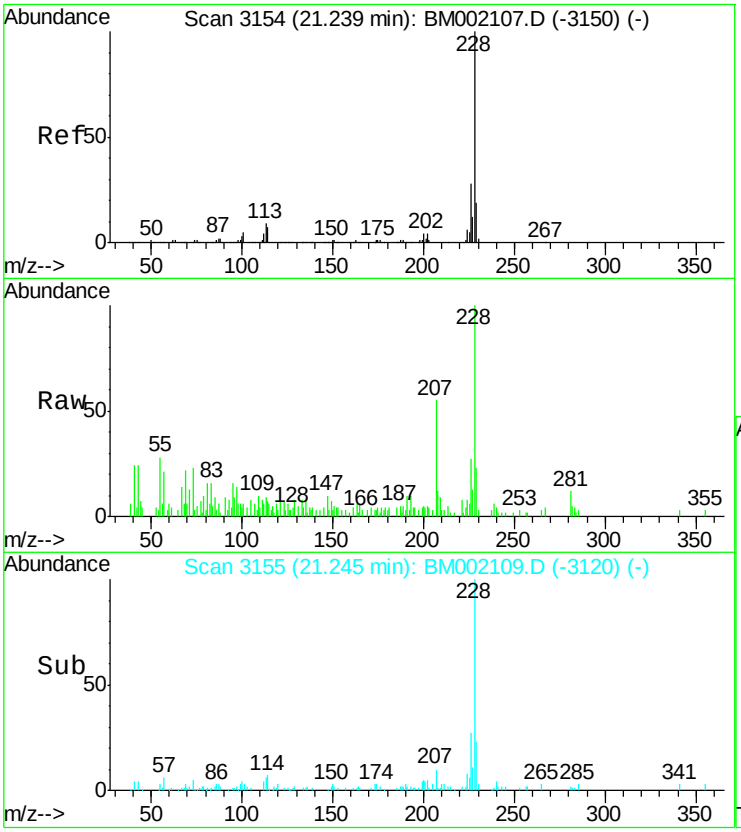


#83
Benzo(a)anthracene
Concen: 1.01 ng/ul
RT: 21.19 min Scan# 3146
Delta R.T. 0.01 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:228 Resp: 20716

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.4	23.2
226	26.8	20.5	30.7

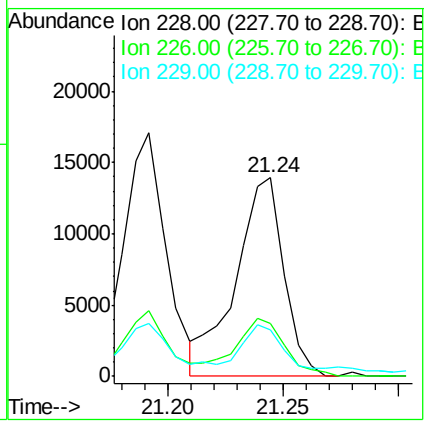




#85
Chrysene
Concen: 1.07 ng/ul m
RT: 21.24 min Scan# 3155
Delta R.T. 0.01 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:228 Resp: 20342

Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.3	33.5
229	23.4	15.5	23.3#



Instrument :
BNA_M
ClientSampleId :
C02B6

Manual Integrations APPROVED
apatel
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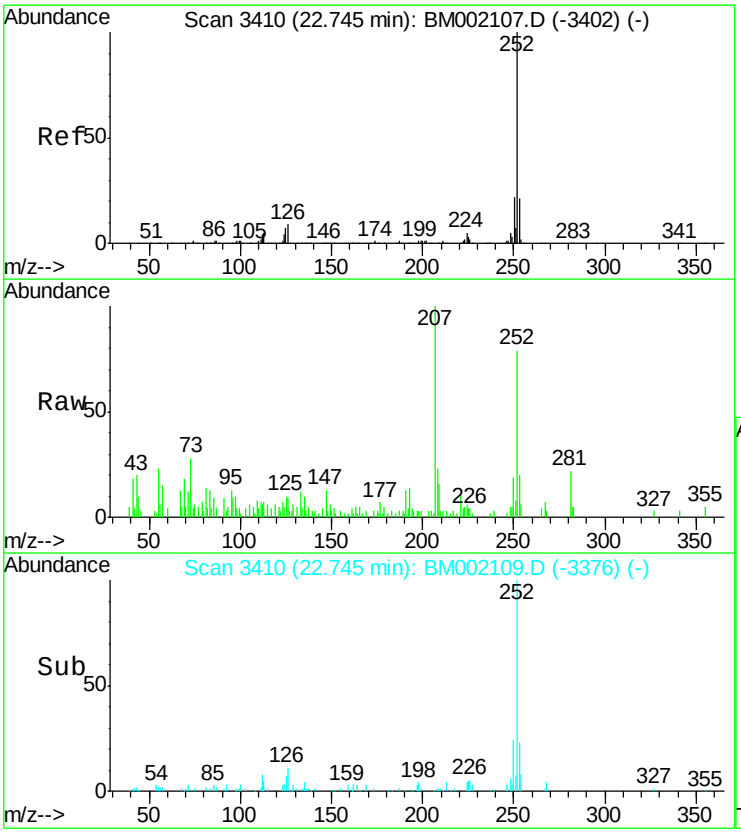

#88
Benzo(b)fluoranthene
Concen: 1.31 ng/ul
RT: 22.74 min Scan# 3410
Delta R.T. 0.00 min
Lab File: BM002109.D
Acq: 29 Jul 2015 01:02

Tgt Ion:252 Resp: 27399

Ion	Ratio	Lower	Upper
252	100		
253	25.6	16.9	25.3#
125	12.9	6.2	9.2#