Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052216\
Data File : BM005608.D
Acq On : 23 May 2016 04:08
Operator : UM/SJ
Sample : H3086-19
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: May 30 05:37:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
JHGG9

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	67215	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	288891	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.49	164	156021	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.23	188	318723	20.00	ng/ul	0.05
75) Chrysene-d12	21.42	240	296868	20.00	ng/ul	0.05
83) Perylene-d12	23.62	264	290645	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	1879	1.22	ng/uL	0.00
5) Phenol-d5	7.01	99	97087	17.62	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.16	67	53243	16.68	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	81870	17.81	ng/ul	0.02
13) 4-Methylphenol-d8	8.55	113	86381	19.13	ng/ul	0.03
19) Nitrobenzene-d5	8.99	128	43752	19.81	ng/ul	0.02
22) 2-Nitrophenol-d4	9.70	143	43787	18.01	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.26	165	96627	21.10	ng/ul	0.03
29) 4-Chloroaniline-d4	10.73	131	268192	58.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	263882	20.72	ng/ul	0.03
46) Acenaphthylene-d8	14.18	160	397785	24.98	ng/ul	0.04
51) 4-Nitrophenol-d4	14.71	143	93942	39.00	ng/ul	0.06
57) Fluorene-d10	15.48	176	254386	22.96	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
70) Anthracene-d10	17.33	188	345410	22.75	ng/ul	0.04
76) Pyrene-d10	19.62	212	349509	26.00	ng/ul	0.05
87) Benzo(a)pyrene-d12	23.62	264	286619m	21.12	ng/ul	0.12
Target Compounds						Qvalue
6) Phenol	7.04	94	7521	1.33	ng/ul	92
34) 2-Methylnaphthalene	12.29	142	677593	63.81	ng/ul	100
49) Acenaphthene	14.55	153	621628	58.27	ng/ul	95
58) Fluorene	15.54	166	483735	39.68	ng/ul#	87
69) Phenanthrene	17.27	178	1265556	71.05	ng/ul#	94
77) Pyrene	19.65	202	559525	32.79	ng/ul	97
82) Chrysene	21.45	228	243469	14.67	ng/ul#	64

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

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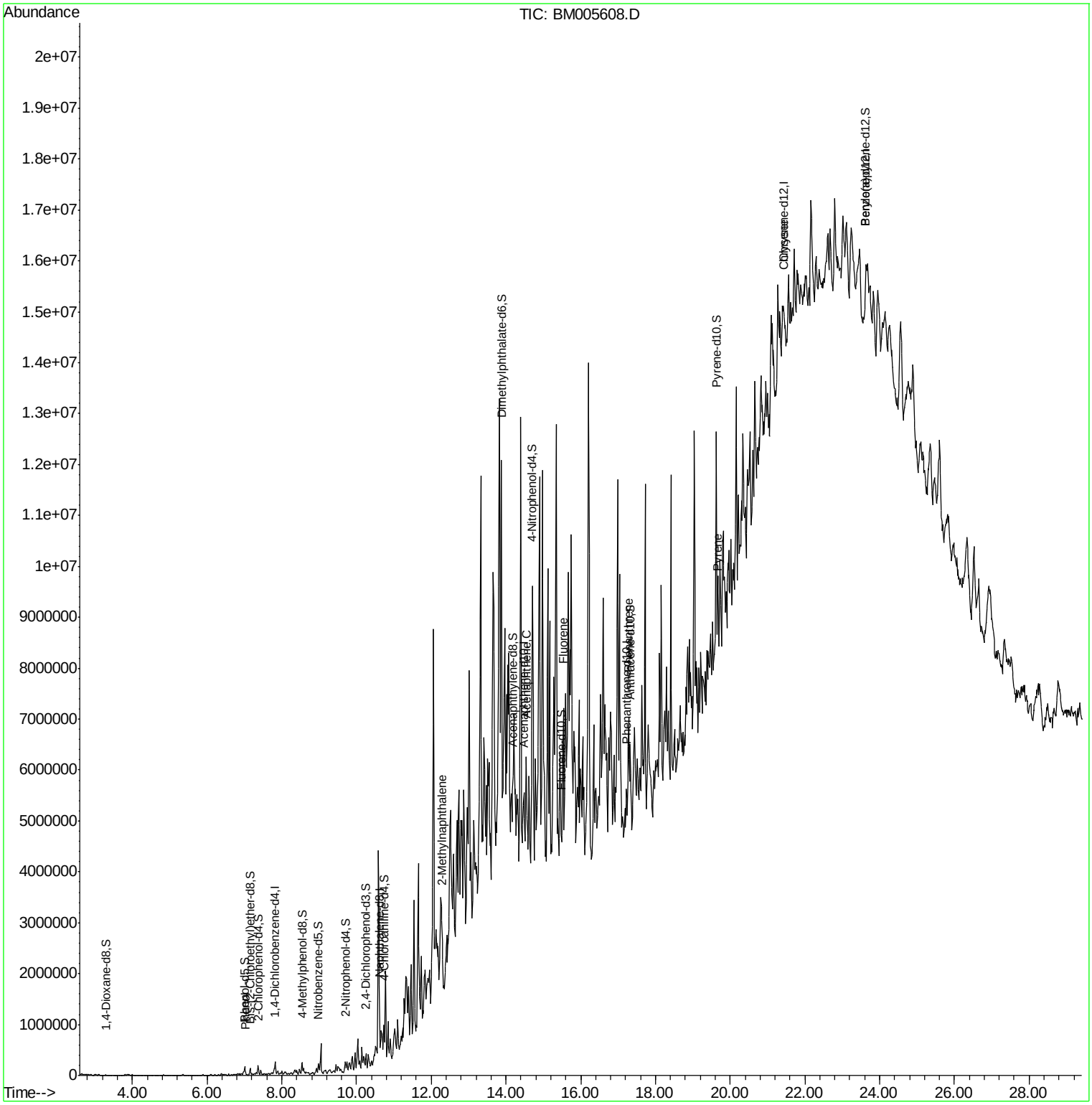

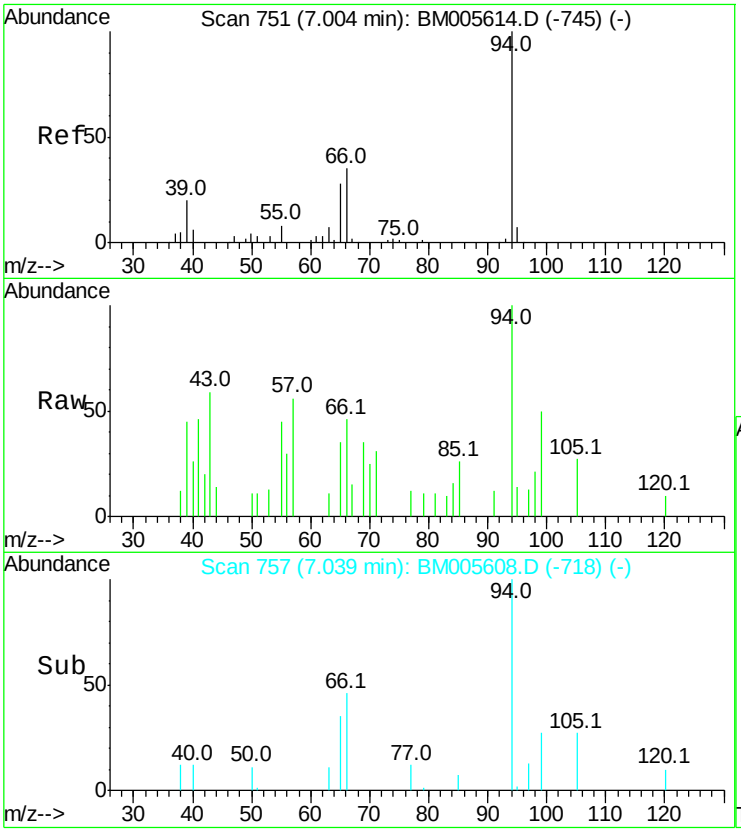

#6
Phenol
Concen: 1.33 ng/ul
RT: 7.04 min Scan# 757
Delta R.T. 0.03 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion: 94 Resp: 7521

Ion	Ratio	Lower	Upper
94	100		
65	35.2	24.2	36.2
66	46.4	33.9	50.9

Instrument :
BNA_M
ClientSampleId :
JHGG9

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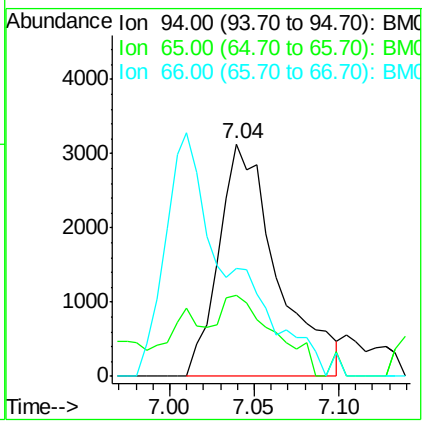
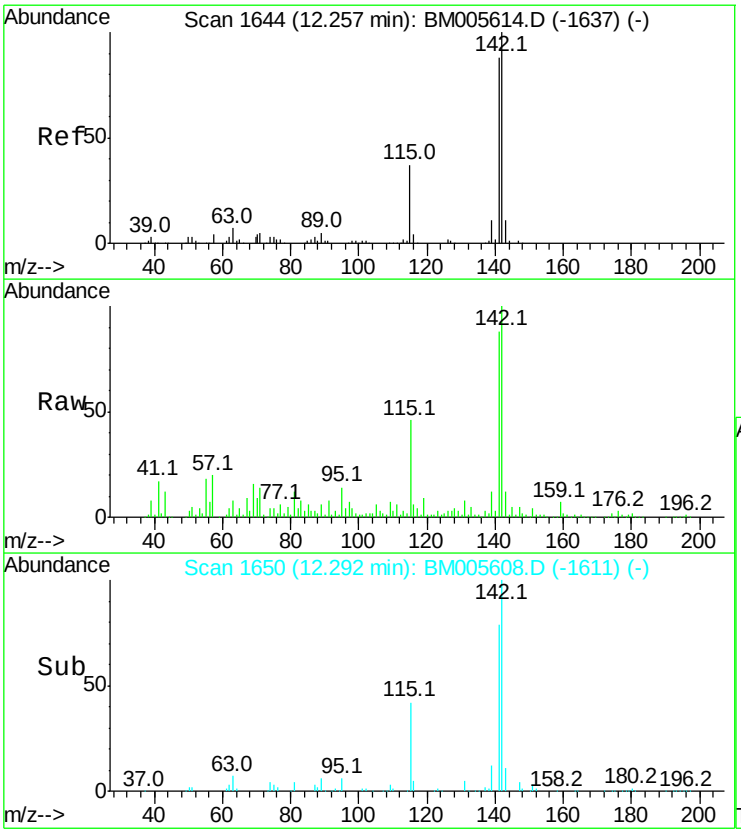
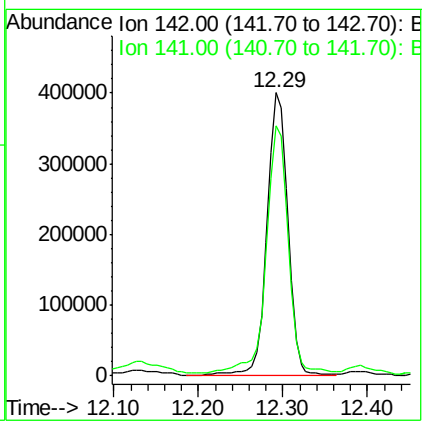


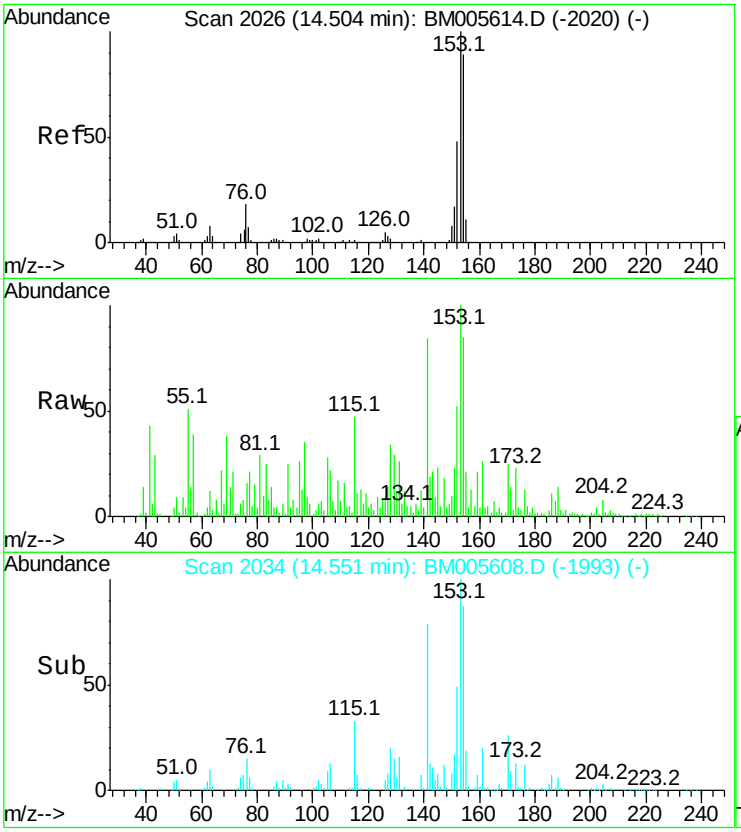


#34
2-Methylnaphthalene
Concen: 63.81 ng/ul
RT: 12.29 min Scan# 1650
Delta R.T. 0.03 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:142 Resp: 677593

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0





#49
Acenaphthene
Concen: 58.27 ng/ul
RT: 14.55 min Scan# 2034
Delta R.T. 0.04 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:153 Resp: 621628

Ion	Ratio	Lower	Upper
153	100		
152	51.9	37.8	56.6
154	85.5	71.1	106.7

Instrument :
BNA_M
ClientSampleId :
JHGG9

Manual Integrations APPROVED
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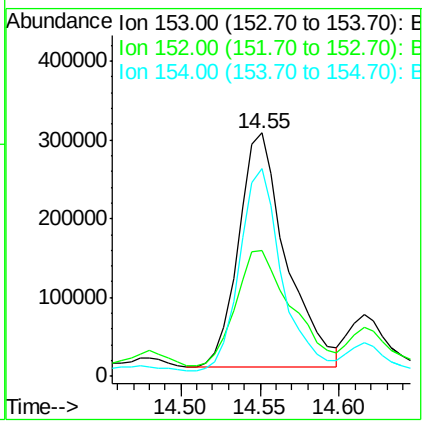
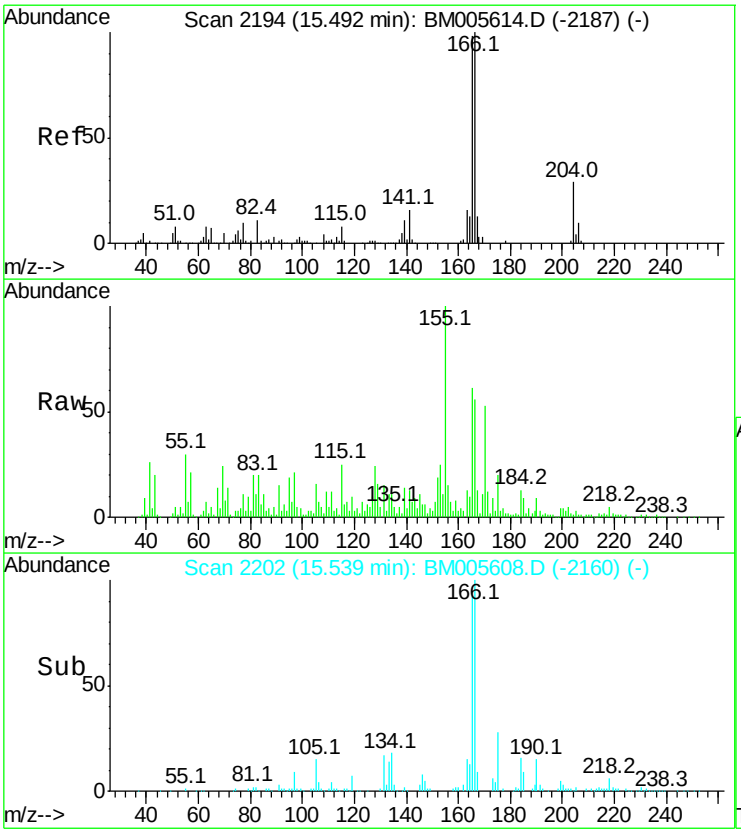
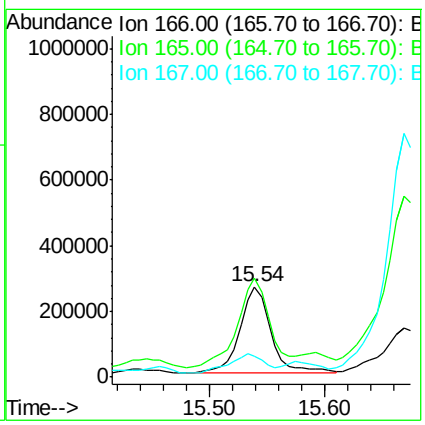


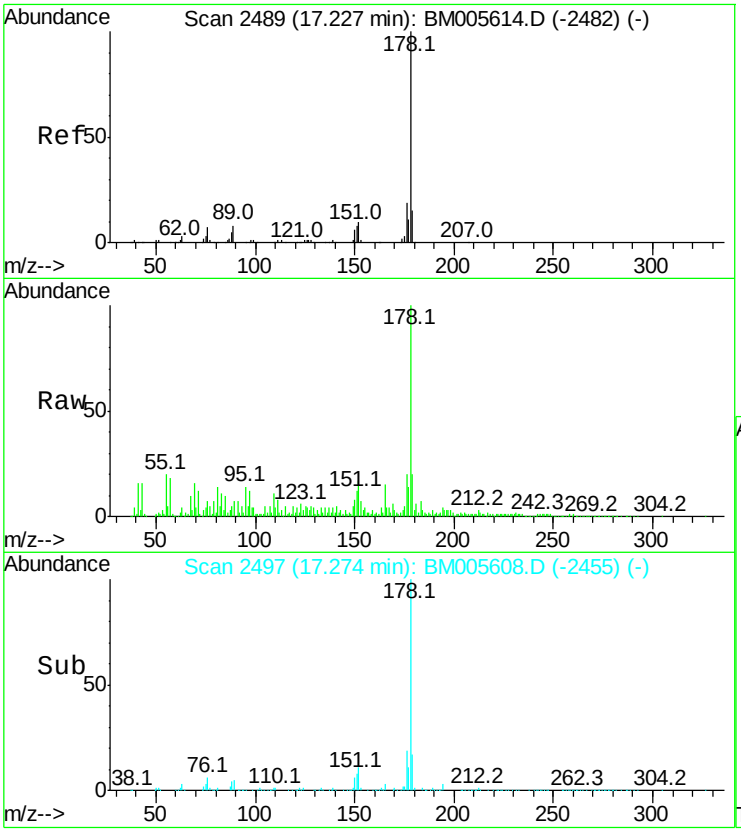


#58
Fluorene
Concen: 39.68 ng/ul
RT: 15.54 min Scan# 2202
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:166 Resp: 483735

Ion	Ratio	Lower	Upper
166	100		
165	108.9	78.0	117.0
167	23.5	10.5	15.7#





#69
Phenanthrene
Concen: 71.05 ng/ul
RT: 17.27 min Scan# 2497
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:178 Resp: 1265556

Ion	Ratio	Lower	Upper
178	100		
179	20.5	12.2	18.2#
176	20.3	15.8	23.6

Instrument :
BNA_M
ClientSampleId :
JHGG9

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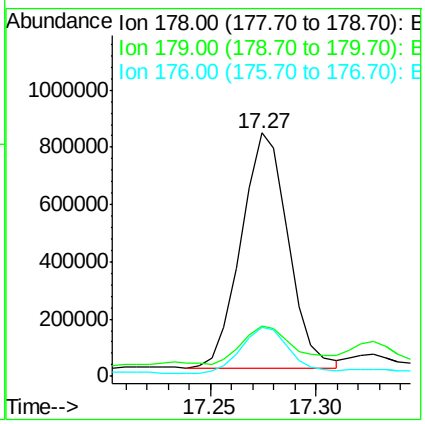
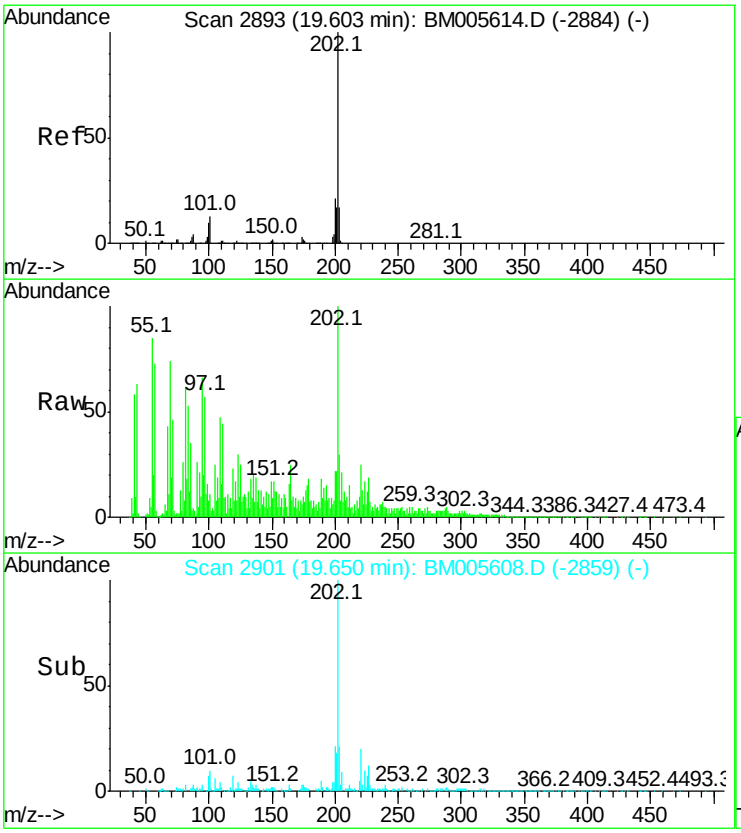
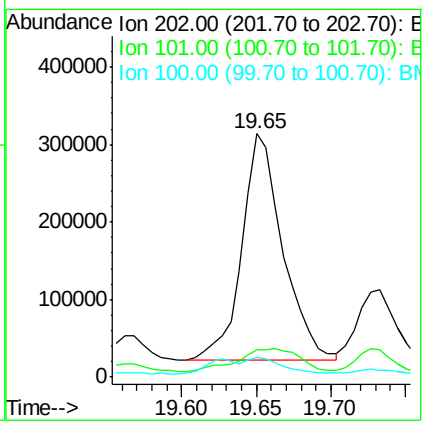


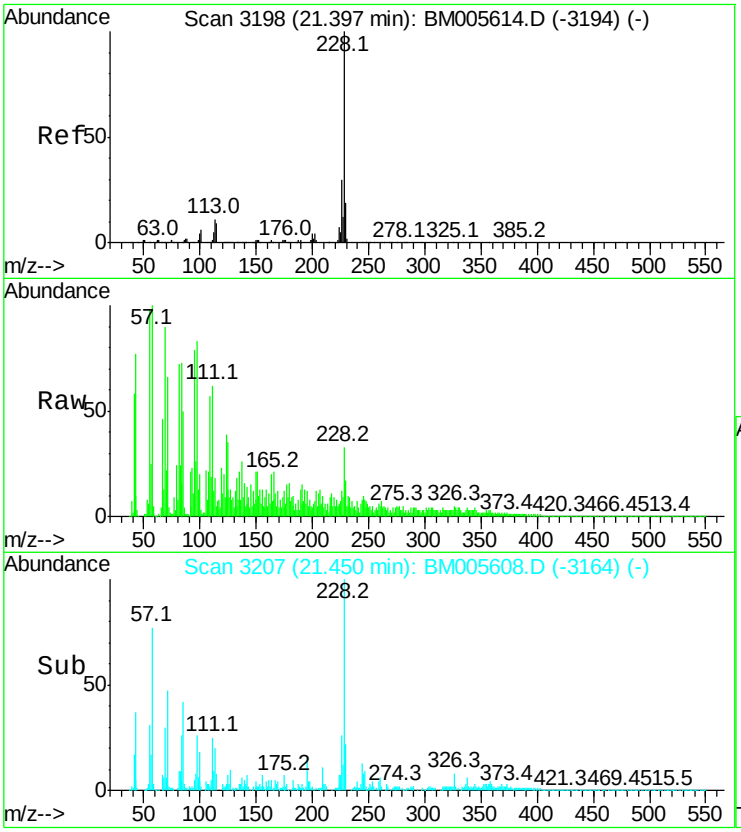


#77
Pyrene
Concen: 32.79 ng/ul
RT: 19.65 min Scan# 2901
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:202 Resp: 559525

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.6	14.4
100	8.2	7.8	11.6

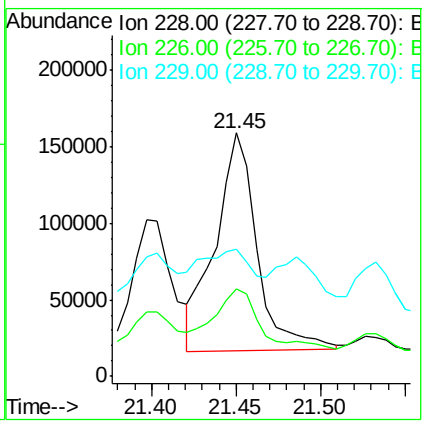




#82
Chrysene
Concen: 14.67 ng/ul
RT: 21.45 min Scan# 3207
Delta R.T. 0.05 min
Lab File: BM005608.D
Acq: 23 May 2016 04:08

Tgt Ion:228 Resp: 243469

Ion	Ratio	Lower	Upper
228	100		
226	35.9	23.7	35.5#
229	52.1	15.5	23.3#

Instrument :
BNA_M
ClientSampleId :
JHGG9

Manual Integrations APPROVED
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