Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM007999.D
Acq On : 22 Nov 2016 18:00
Operator : UM/SJ
Sample : H5695-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST0

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Quant Time: Nov 23 09:53:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 23 01:26:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	616	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2108	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1273	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2629m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.29	240	2665	0.40	ng/ul	-0.01
20) Perylene-d12	23.53	264	2777	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	483	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1175	0.16	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.55	128	678	0.12	ng/ul#	81
5) 2-Methylnaphthalene	12.18	142	618	0.16	ng/ul	99
12) Phenanthrene	17.14	178	1515m	0.19	ng/ul	
15) Fluoranthene	19.17	202	3040	0.29	ng/ul	95
17) Pyrene	19.53	202	4015	0.43	ng/ul	95
18) Benzo(a)anthracene	21.27	228	2068	0.25	ng/ul#	85
19) Chrysene	21.32	228	3015	0.30	ng/ul#	88
21) Benzo(b)fluoranthene	22.86	252	4113m	0.37	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	1235m	0.11	ng/ul	
23) Benzo(a)pyrene	23.43	252	3037	0.29	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.79	276	2076	0.16	ng/ul#	93
26) Benzo(g,h,i)perylene	26.48	276	2573	0.23	ng/ul#	89

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

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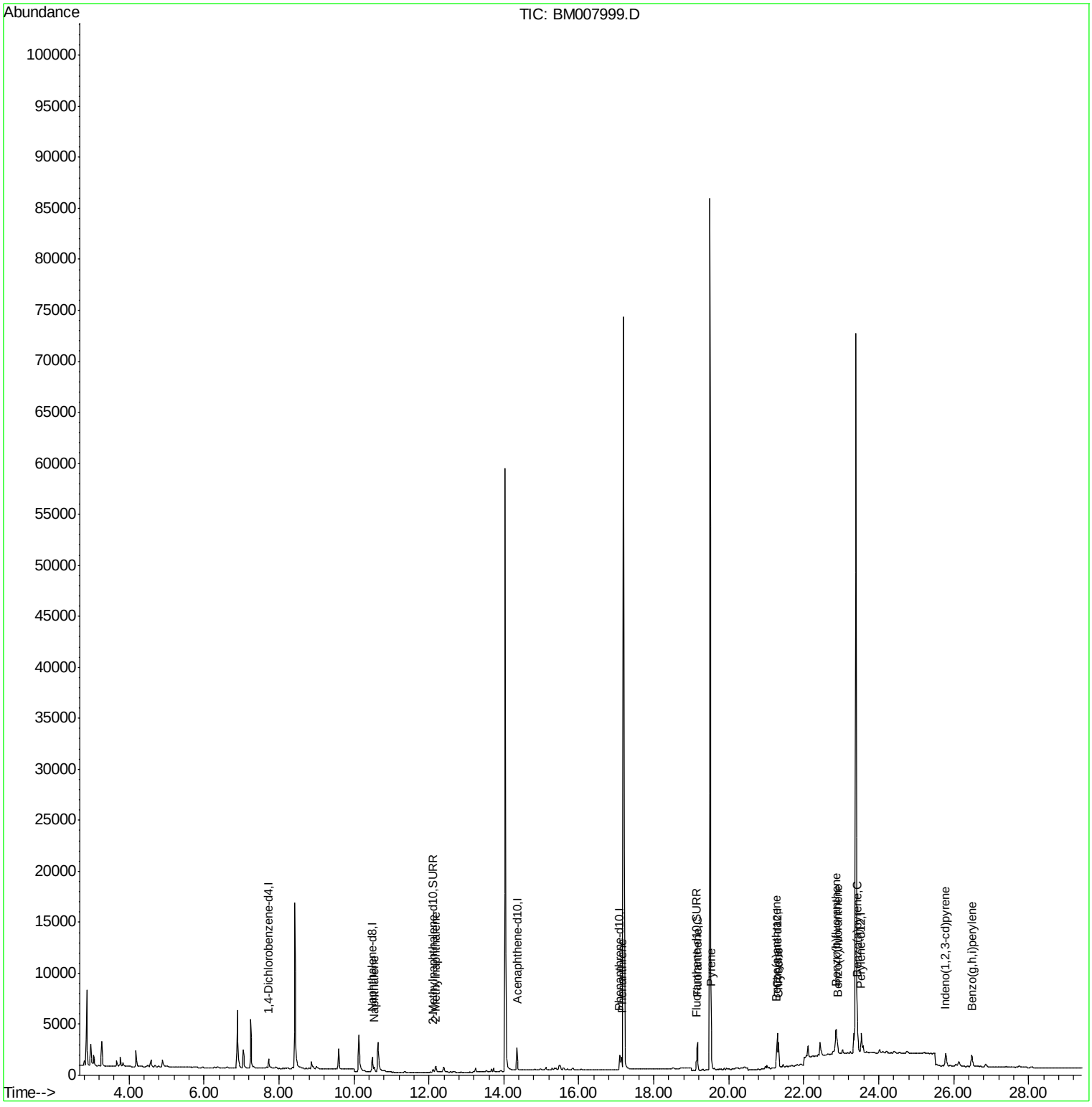
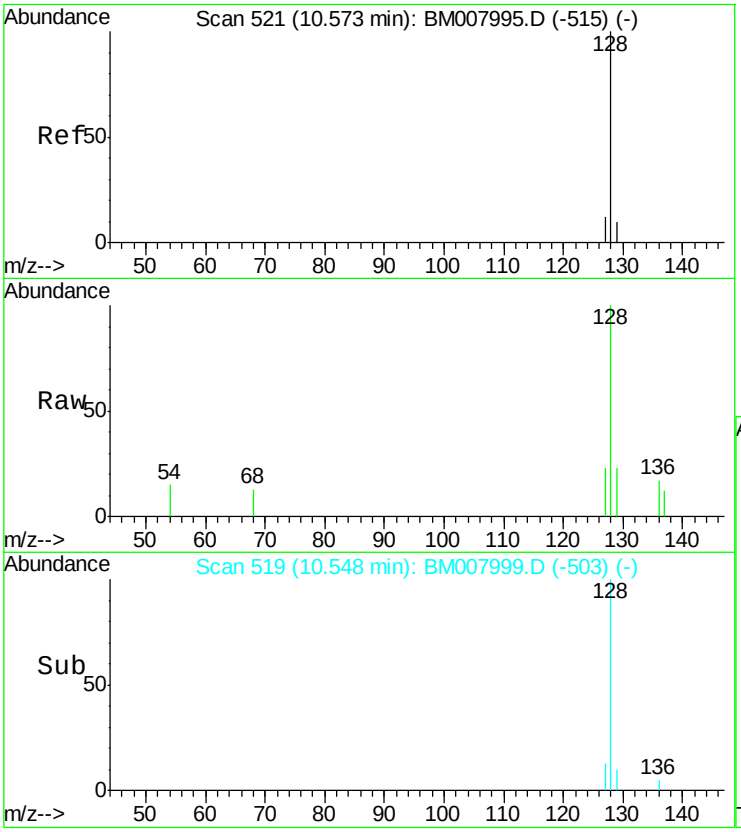
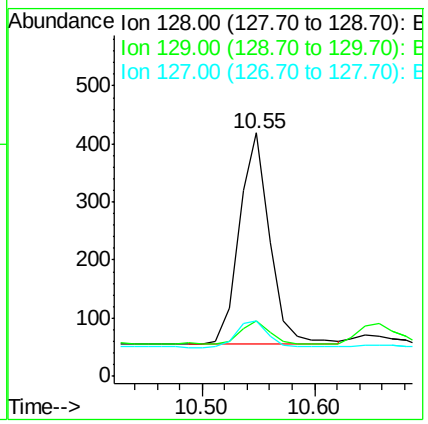




#3
Naphthalene
Concen: 0.12 ng/ul
RT: 10.55 min Scan# 519
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:128 Resp: 678

Ion	Ratio	Lower	Upper
128	100		
129	22.9	11.3	16.9#
127	22.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHST0

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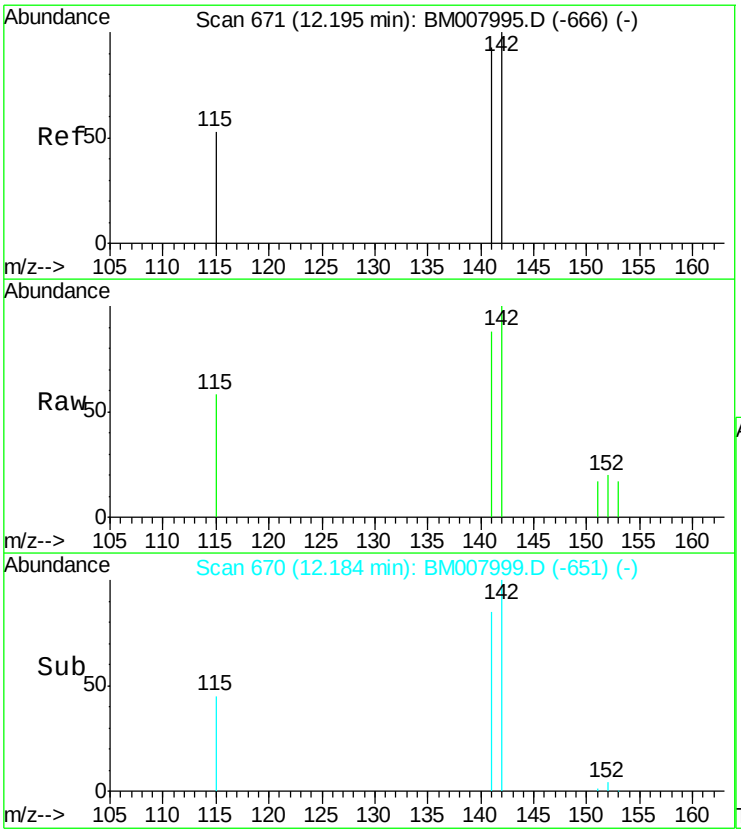
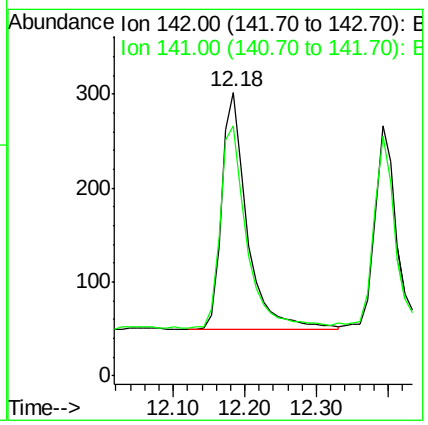
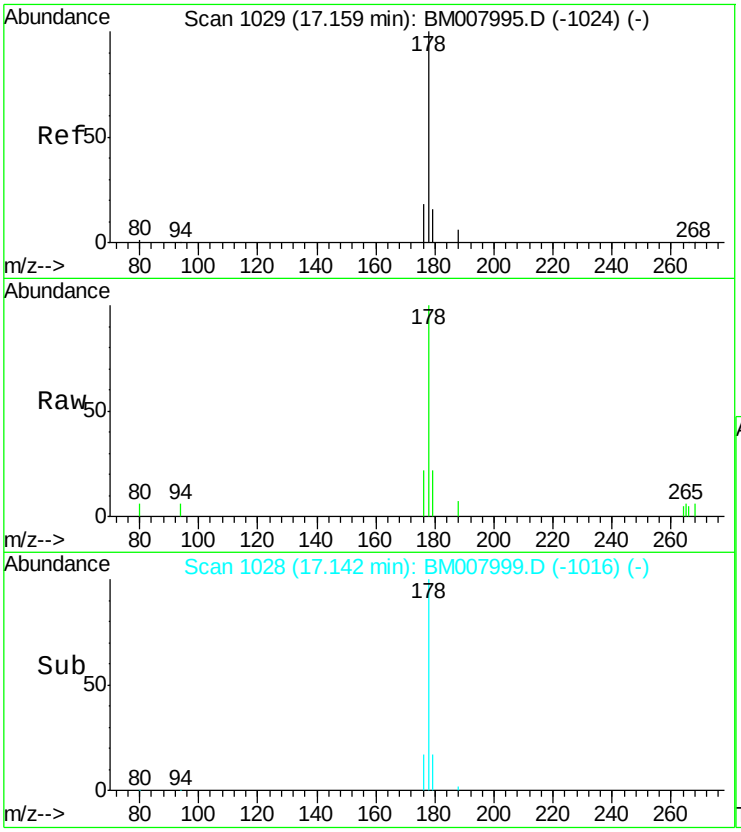


#5
2-Methylnaphthalene
Concen: 0.16 ng/ul
RT: 12.18 min Scan# 670
Delta R.T. -0.00 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:142 Resp: 618

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8





#12
Phenanthrene
Concen: 0.19 ng/ul m
RT: 17.14 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:178 Resp: 1515

Ion	Ratio	Lower	Upper
178	100		
176	22.2	18.4	27.6
179	22.3	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
JHST0

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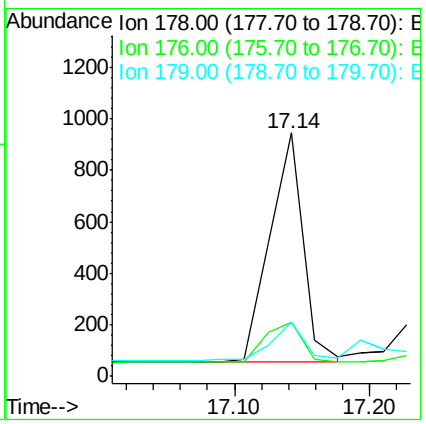
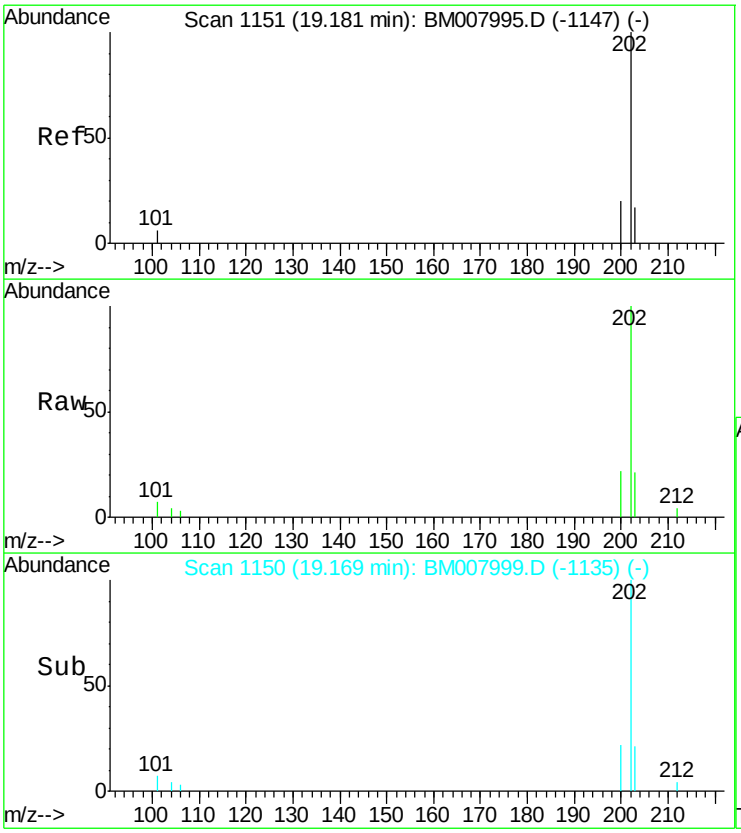
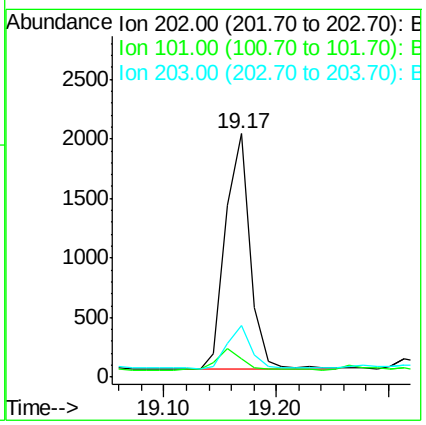


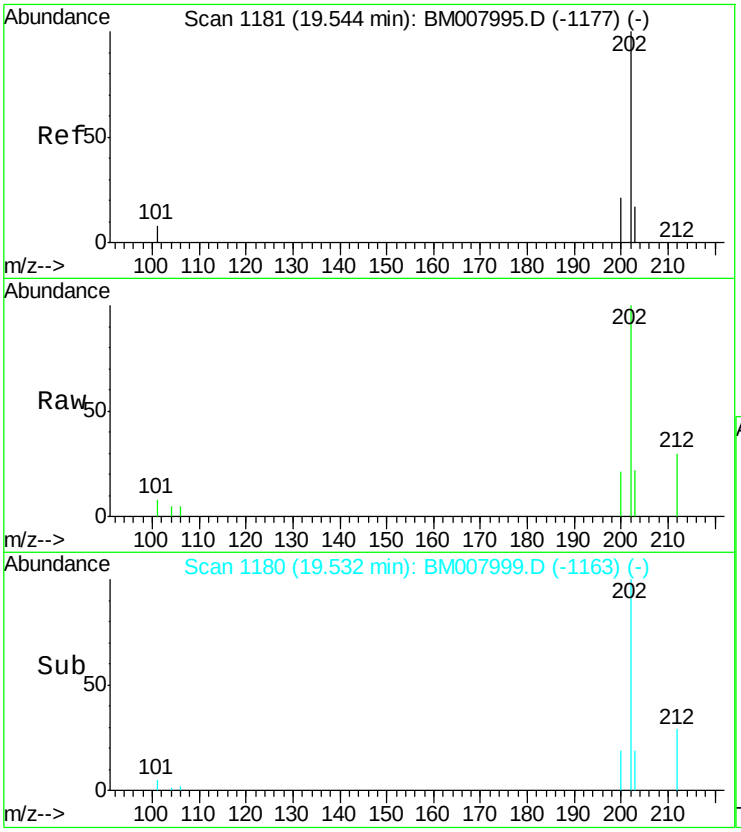


#15
Fluoranthene
Concen: 0.29 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:202 Resp: 3040

Ion	Ratio	Lower	Upper
202	100		
101	7.5	0.0	30.3
203	21.2	0.0	39.5





#17
Pyrene
Concen: 0.43 ng/ul
RT: 19.53 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:202 Resp: 4015

Ion	Ratio	Lower	Upper
202	100		
200	20.9	18.2	27.4
203	22.4	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
JHST0

Manual Integrations APPROVED
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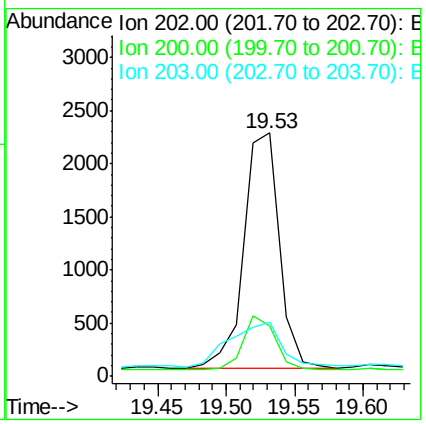
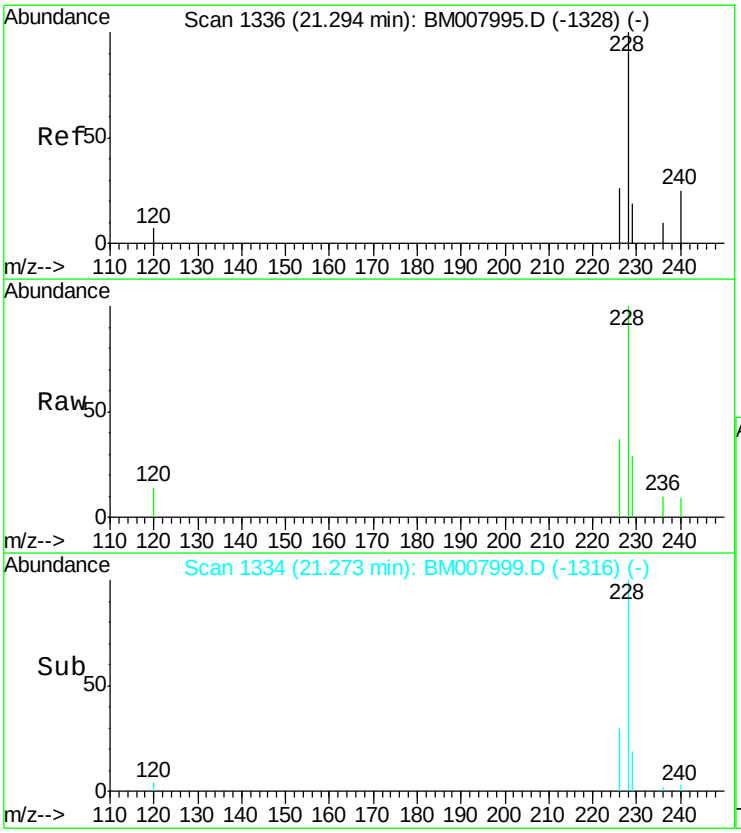
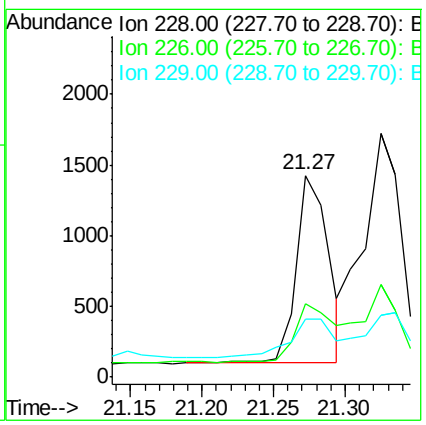


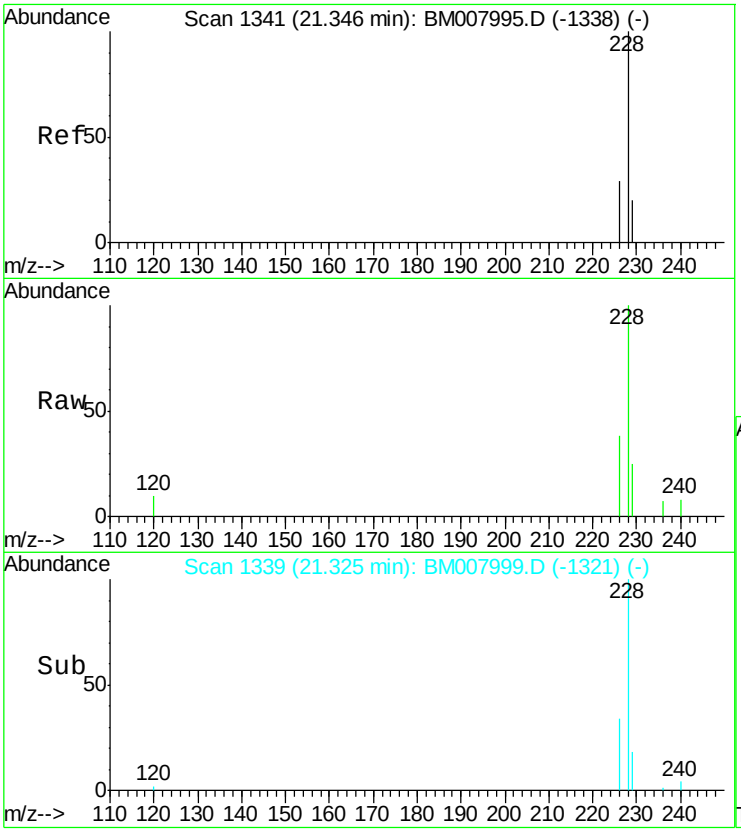


#18
Benzo(a)anthracene
Concen: 0.25 ng/ul
RT: 21.27 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:228 Resp: 2068

Ion	Ratio	Lower	Upper
228	100		
226	36.5	22.8	34.2#
229	28.7	17.0	25.6#





#19
Chrysene
Concen: 0.30 ng/ul
RT: 21.32 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:228 Resp: 3015

Ion	Ratio	Lower	Upper
228	100		
226	37.9	23.4	35.0#
229	25.2	17.7	26.5

Instrument :
BNA_M
ClientSampleId :
JHST0

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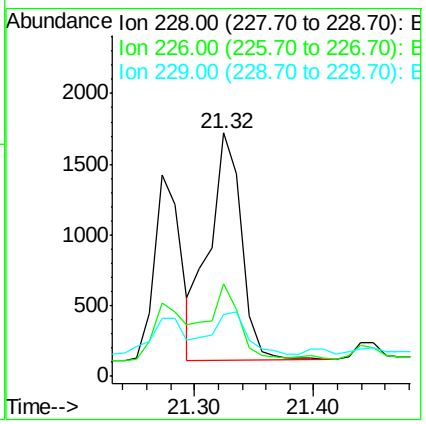
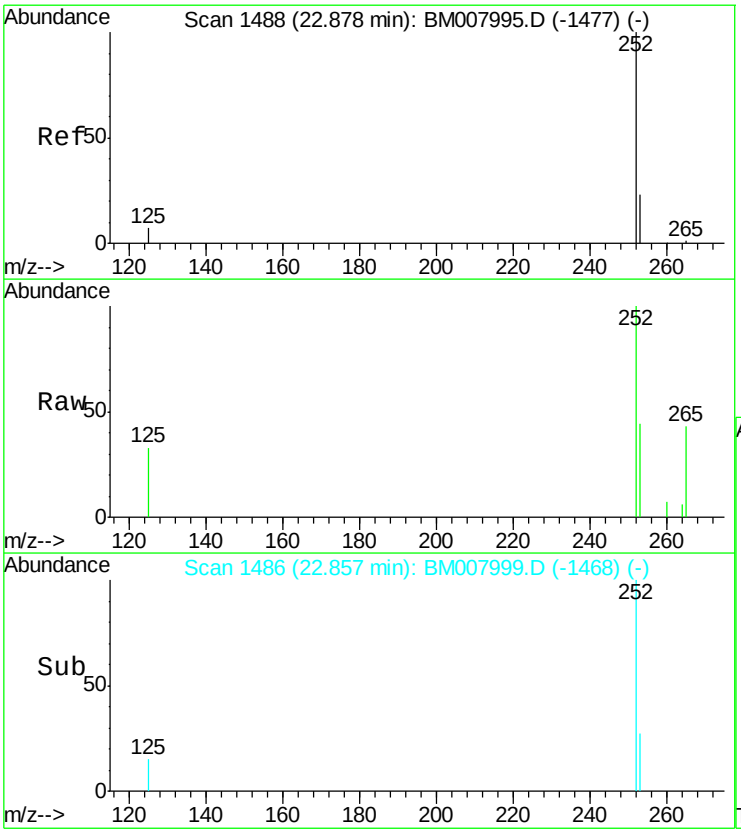
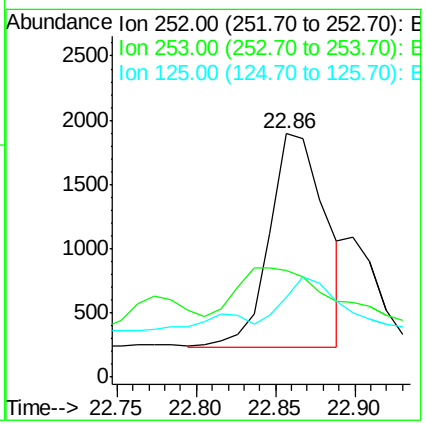


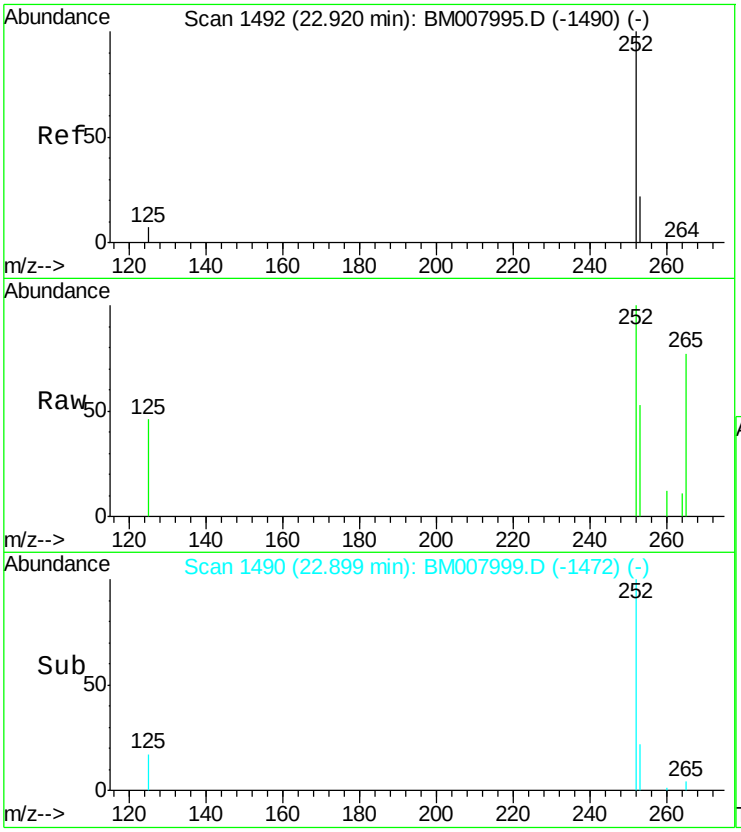


#21
Benzo(b)fluoranthene
Concen: 0.37 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:252 Resp: 4113

Ion	Ratio	Lower	Upper
252	100		
253	43.7	0.0	64.2
125	33.0	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.11 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:252 Resp: 1235

Ion	Ratio	Lower	Upper
252	100		
253	53.1	24.5	36.7#
125	46.1	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
JHST0

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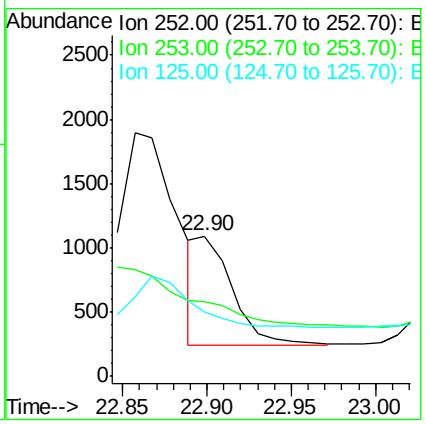
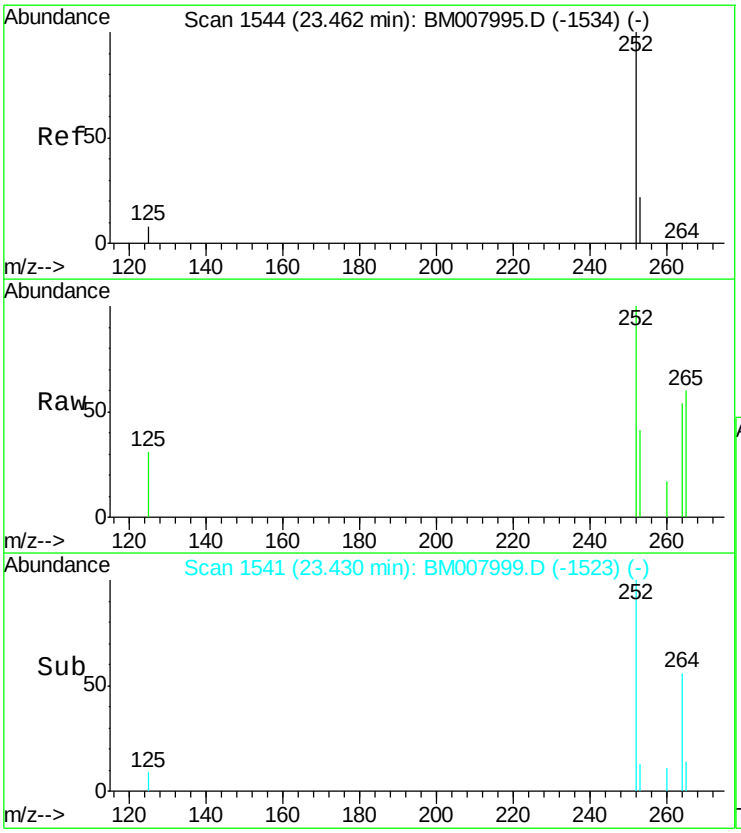
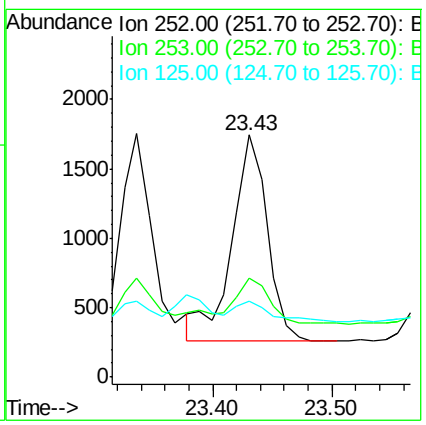


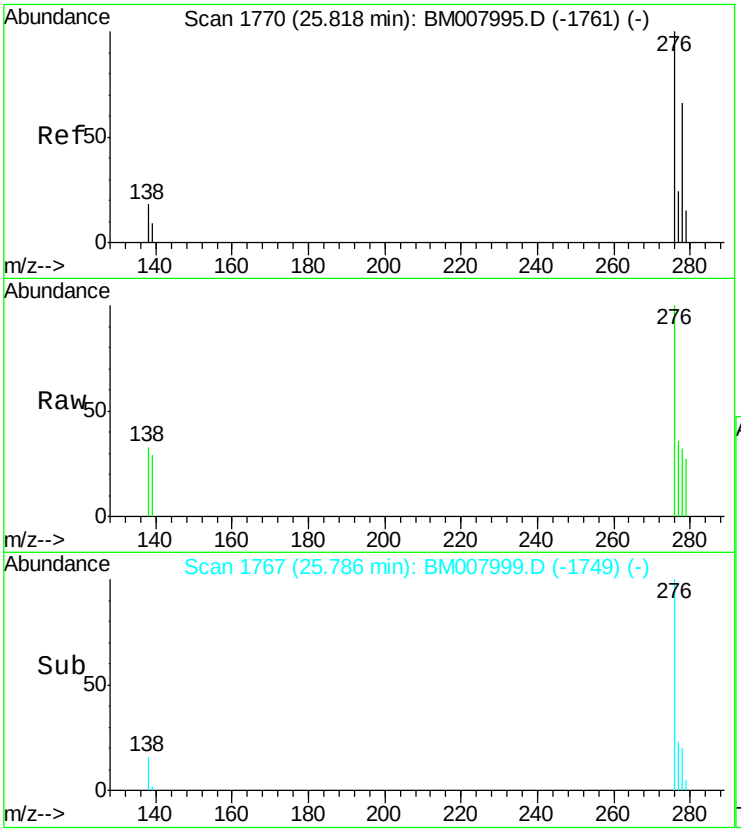


#23
Benzo(a)pyrene
Concen: 0.29 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:252 Resp: 3037

Ion	Ratio	Lower	Upper
252	100		
253	40.9	28.5	42.7
125	31.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:276 Resp: 2076

Ion	Ratio	Lower	Upper
276	100		
138	17.6	19.1	28.7#
277	24.7	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
JHST0

Manual Integrations APPROVED
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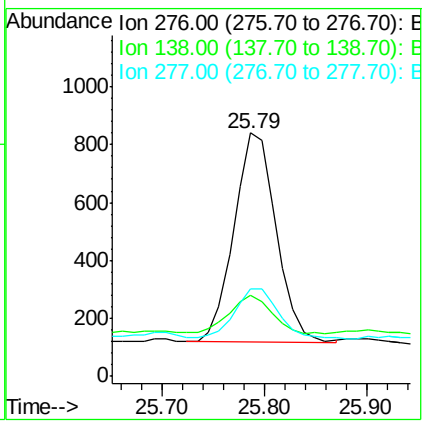

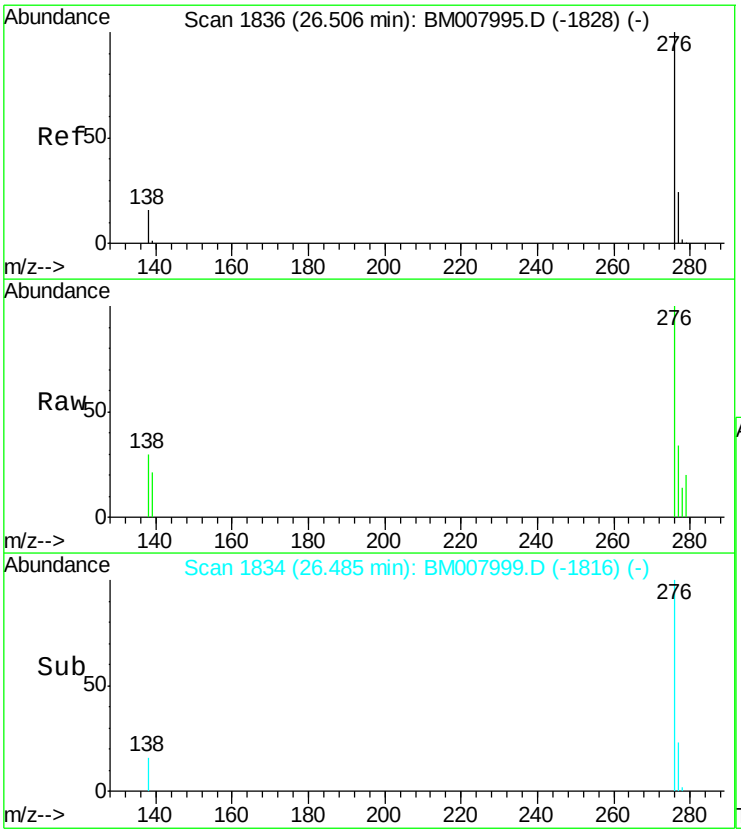

#26
Benzo(g,h,i)perylene
Concen: 0.23 ng/ul
RT: 26.48 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM007999.D
Acq: 22 Nov 2016 18:00

Tgt Ion:276 Resp: 2573

Ion	Ratio	Lower	Upper
276	100		
277	34.3	21.8	32.8#
138	30.0	20.5	30.7