Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122216\
Data File : BM008552.D
Acq On : 22 Dec 2016 12:52
Operator : UM/SJ
Sample : H6069-03
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H9

Manual Integrations APPROVED
umangi
12/23/2016 6:10:48 PM

Quant Time: Dec 22 13:53:50 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 13:27:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	503	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.43	136	1650	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	1028	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.04	188	1836m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1820	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	1468m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	985	0.39	ng/ul	-0.04
14) Fluoranthene-d10	19.09	212	1537	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1243	0.27	ng/ul#	91
5) 2-Methylnaphthalene	12.10	142	1503	0.48	ng/ul	99
12) Phenanthrene	17.07	178	3227	0.58	ng/ul	97
15) Fluoranthene	19.11	202	731	0.11	ng/ul	80
18) Benzo(a)anthracene	21.23	228	532	0.09	ng/ul#	56
19) Chrysene	21.29	228	712	0.11	ng/ul#	63

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

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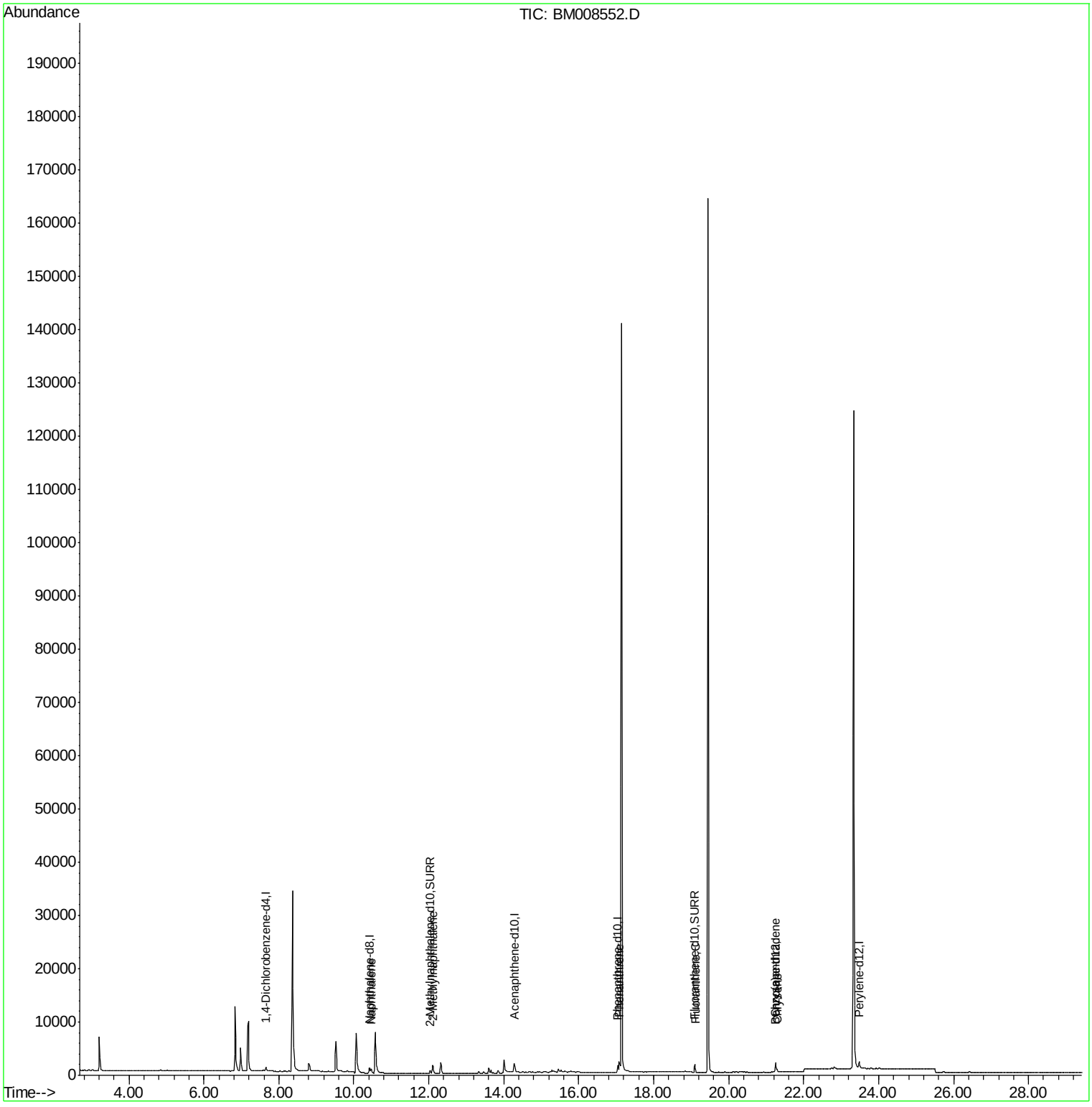
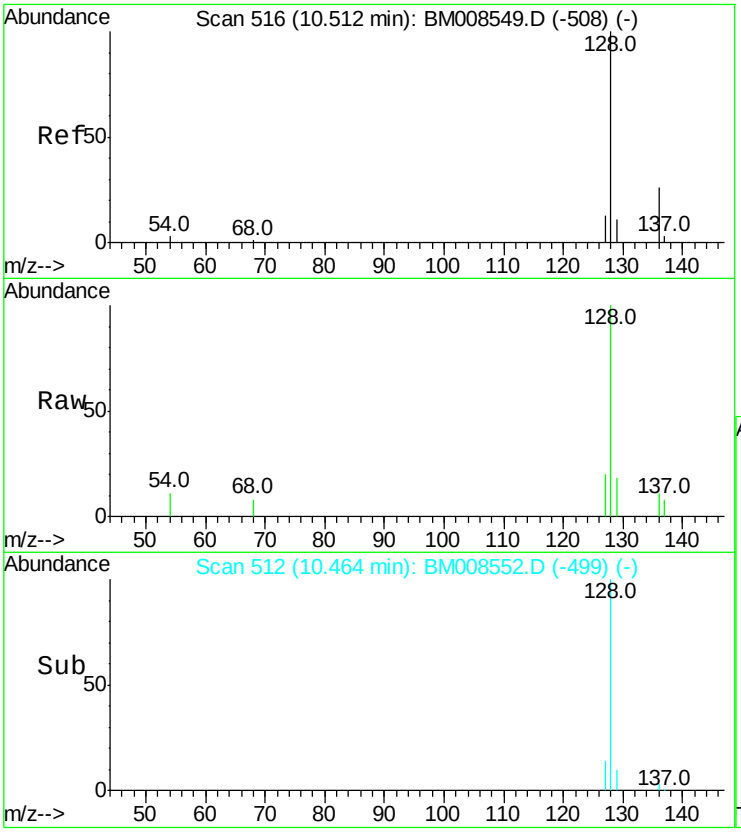
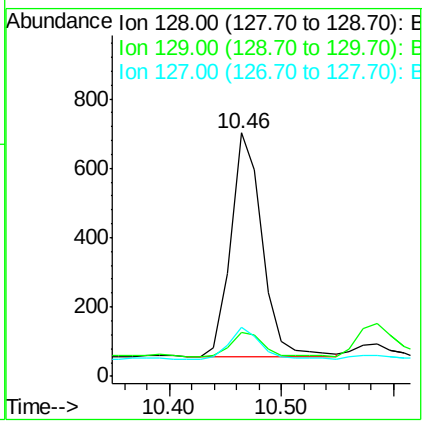




#3
Naphthalene
Concen: 0.27 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.05 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

Tgt Ion:128 Resp: 1243

Ion	Ratio	Lower	Upper
128	100		
129	17.9	11.3	16.9#
127	19.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7H9

Manual Integrations APPROVED
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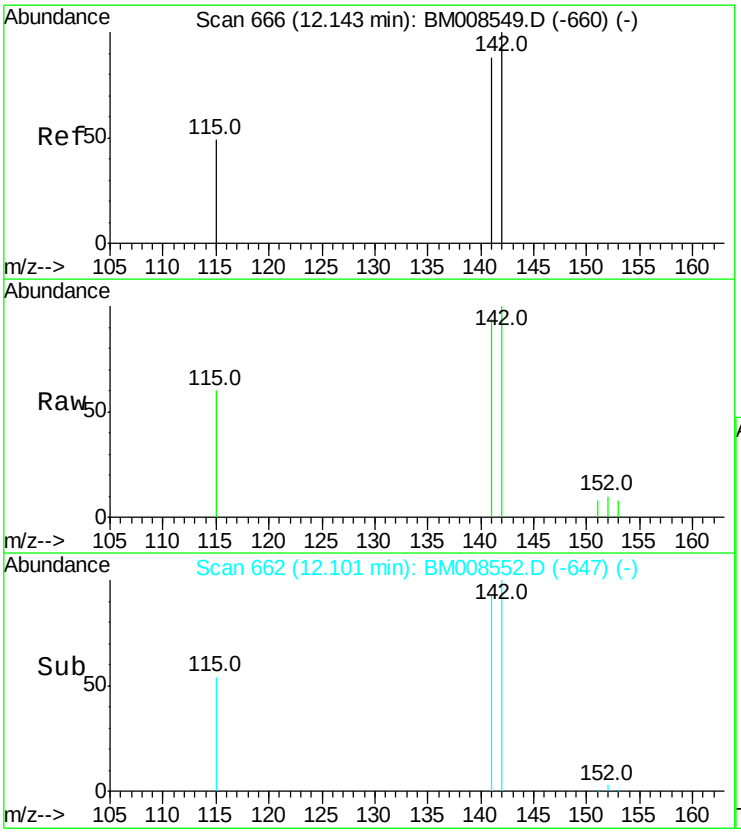
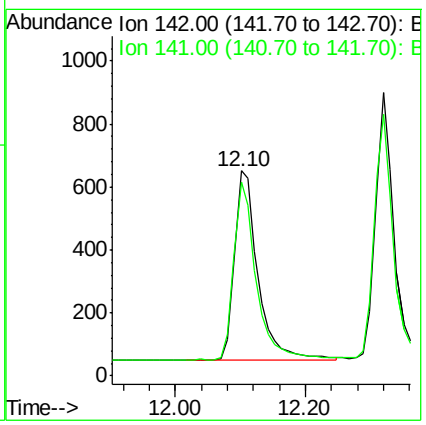
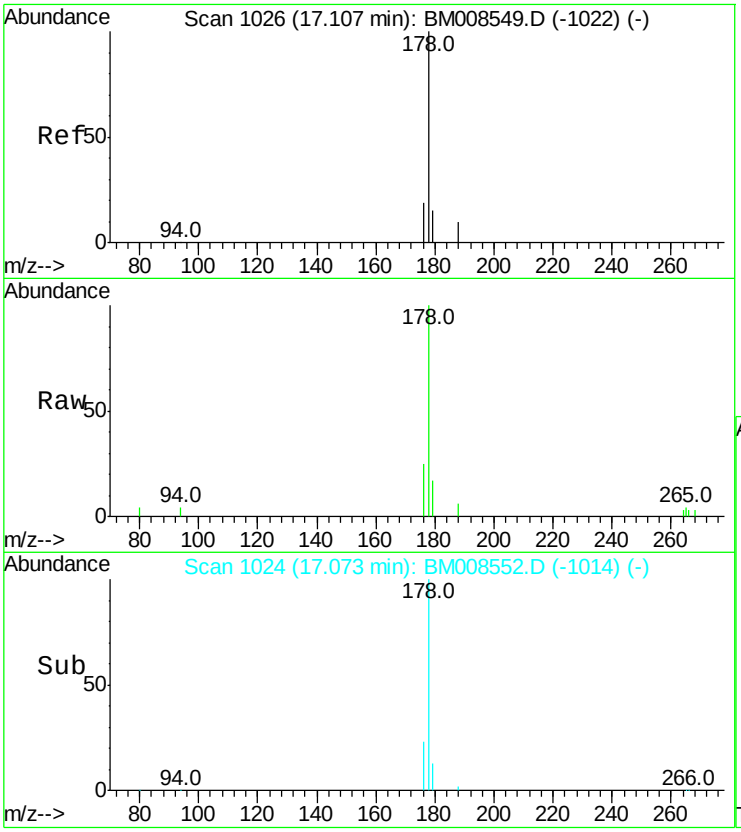


#5
2-Methylnaphthalene
Concen: 0.48 ng/ul
RT: 12.10 min Scan# 662
Delta R.T. -0.04 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

Tgt Ion:142 Resp: 1503

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.6	108.8

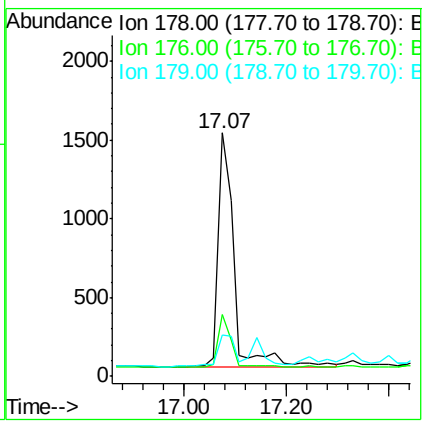




#12
Phenanthrene
Concen: 0.58 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

Tgt Ion:178 Resp: 3227

Ion	Ratio	Lower	Upper
178	100		
176	25.4	18.4	27.6
179	17.0	13.6	20.4



Instrument :
BNA_M
ClientSampleId :
DA7H9

Manual Integrations APPROVED
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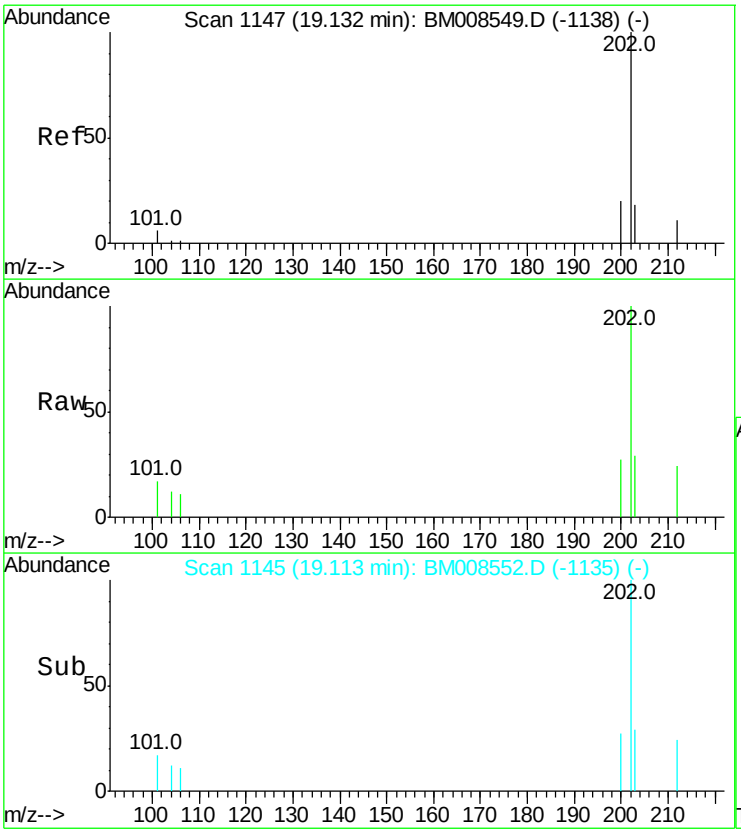
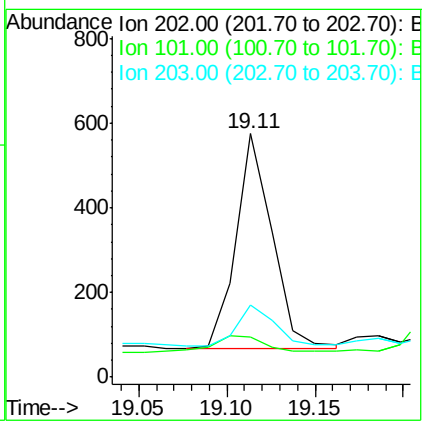
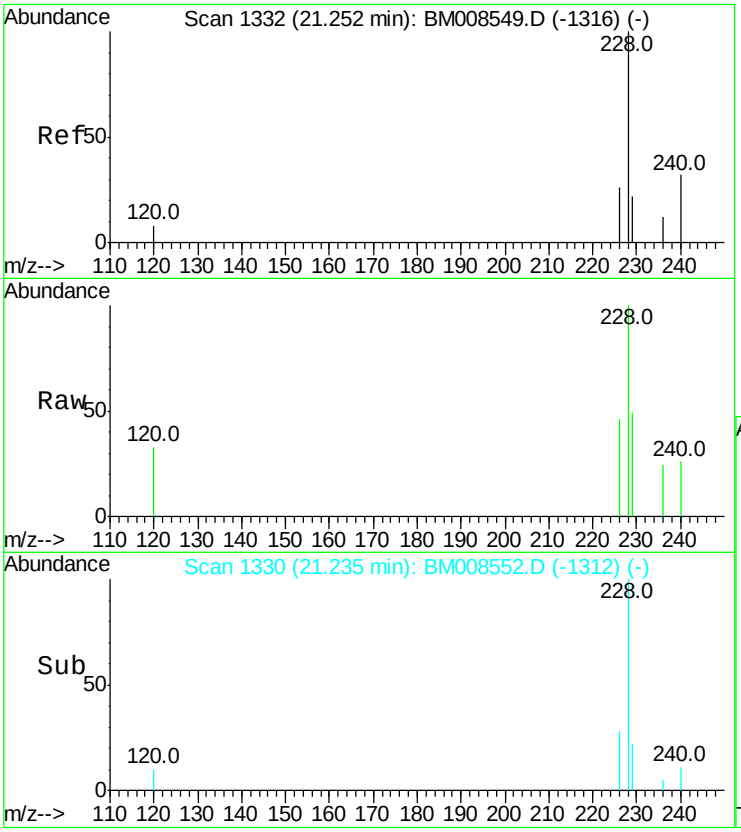


#15
Fluoranthene
Concen: 0.11 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

Tgt Ion:202 Resp: 731

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	30.3
203	29.4	0.0	39.5

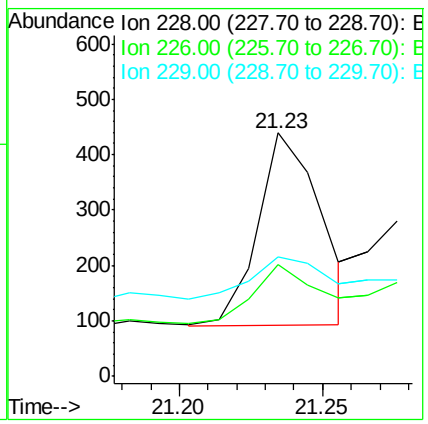




#18
Benzo(a)anthracene
Concen: 0.09 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

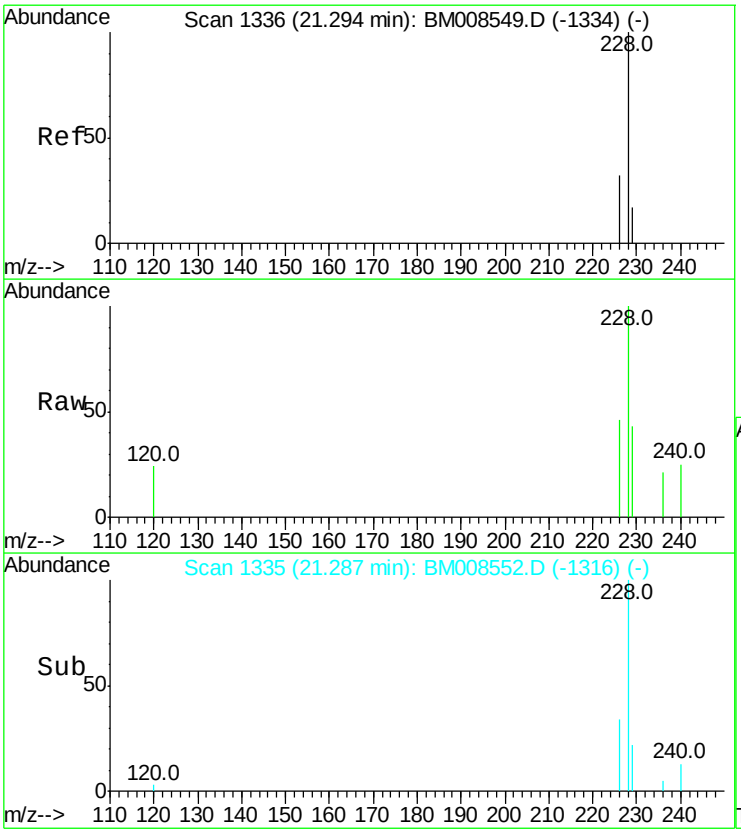
Tgt Ion:228 Resp: 532

Ion	Ratio	Lower	Upper
228	100		
226	45.8	22.8	34.2#
229	49.0	17.0	25.6#



Instrument :
BNA_M
ClientSampleId :
DA7H9

Manual Integrations APPROVED
umangi
12/23/2016 6:10:48 PM



#19
Chrysene
Concen: 0.11 ng/ul
RT: 21.29 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BM008552.D
Acq: 22 Dec 2016 12:52

Tgt Ion:228 Resp: 712

Ion	Ratio	Lower	Upper
228	100		
226	46.1	23.4	35.0#
229	42.8	17.7	26.5#