Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002429.D
Acq On : 15 Aug 2015 17:48
Operator : UM/IZ
Sample : G3219-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DA9

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:11 PM

Quant Time: Aug 17 05:26:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	179131	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	807462	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	416787	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	827268	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	577406	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	509507	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	784530	18.41	ng/ul	0.00
10) Fluorene-d10	16.42	176	518299	17.32	ng/ul	0.00
14) Anthracene-d10	18.25	188	719762	18.04	ng/ul	0.00
18) Pyrene-d10	20.47	212	615084	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.72	264	425146	15.88	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.20	178	60999	1.28	ng/ul	99
16) Fluoranthene	20.14	202	115997	2.14	ng/ul	98
19) Pyrene	20.50	202	105790	3.13	ng/ul	99
20) Benzo(a)anthracene	22.22	228	53824	1.56	ng/ul	96
21) Chrysene	22.27	228	72704m	2.25	ng/ul	
23) Benzo(b)fluoranthene	24.07	252	97099	3.15	ng/ul#	93
26) Benzo(a)pyrene	24.78	252	62241	2.12	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	27.71	276	47435	1.40	ng/ul	98
29) Benzo(g,h,i)perylene	28.59	276	63709	2.26	ng/ul	94

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

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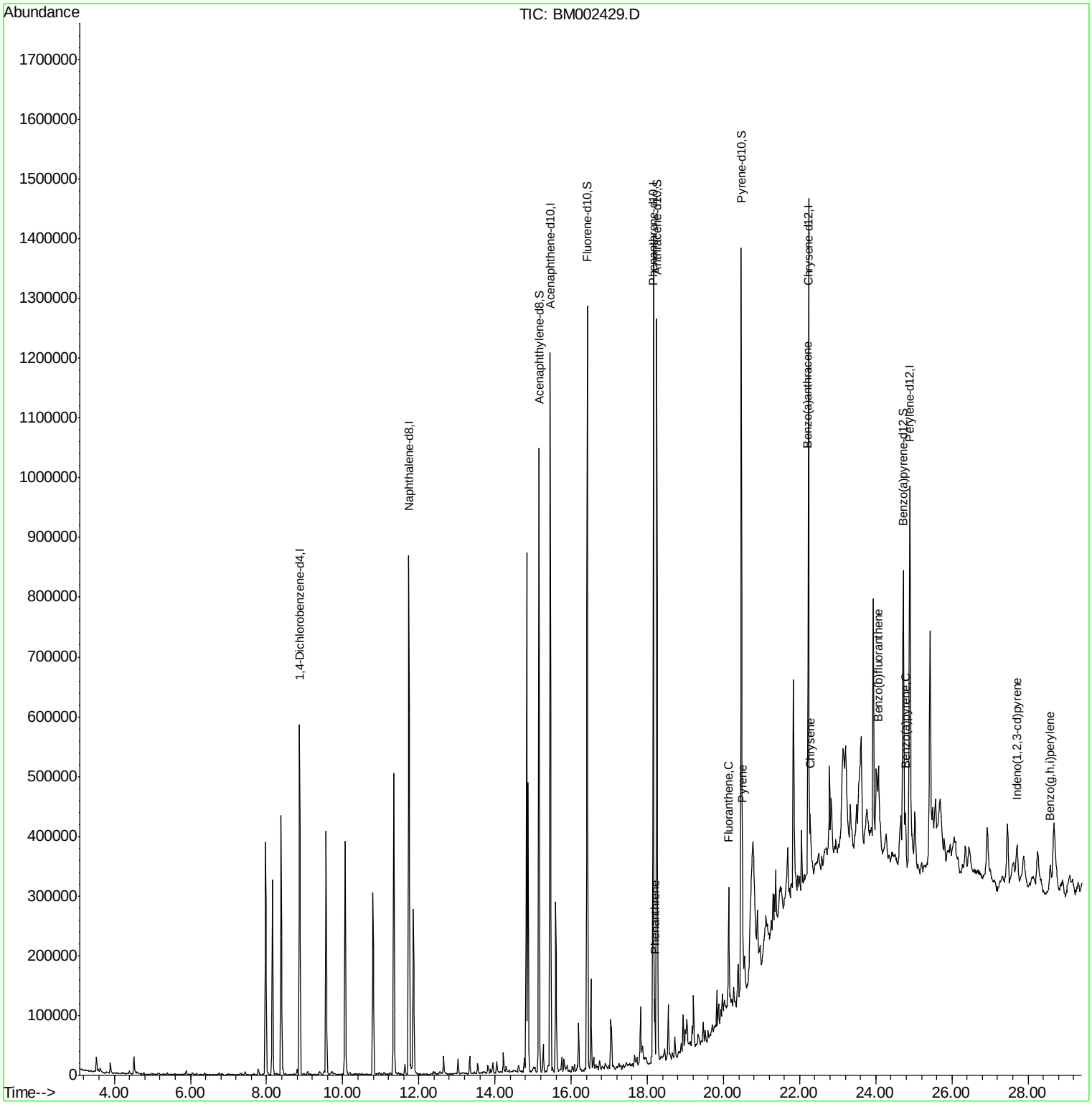
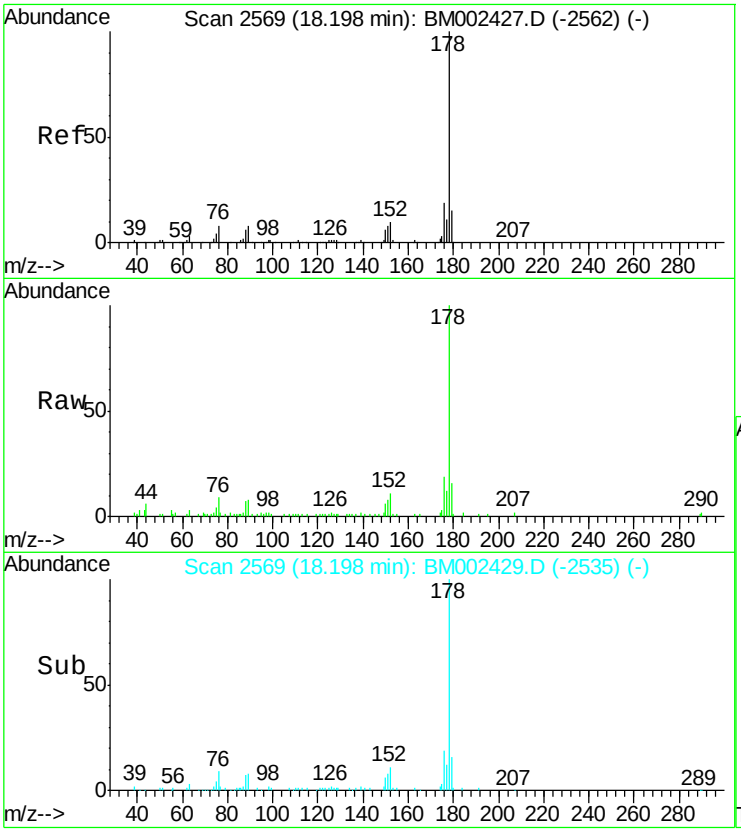
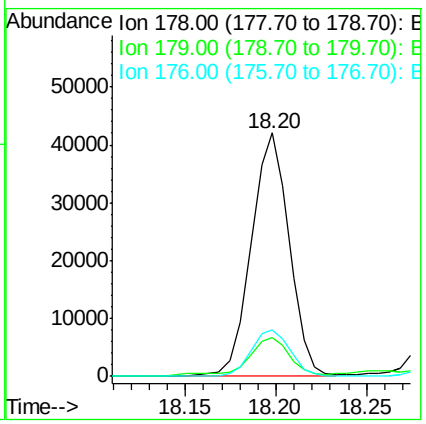




#13
Phenanthrene
Concen: 1.28 ng/ul
RT: 18.20 min Scan# 2569
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:178 Resp: 60999

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	19.3	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9DA9

Manual Integrations APPROVED
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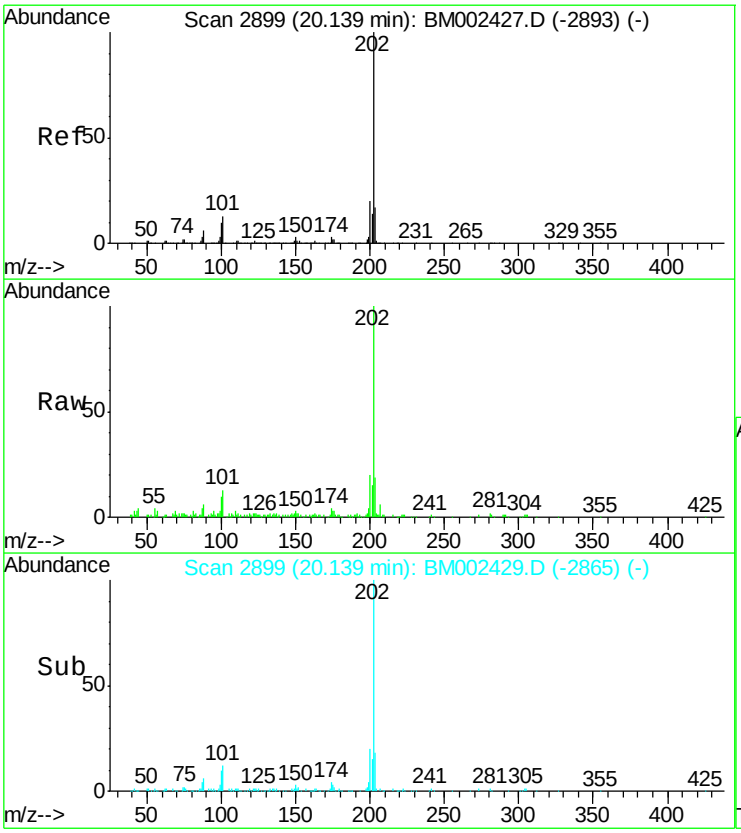
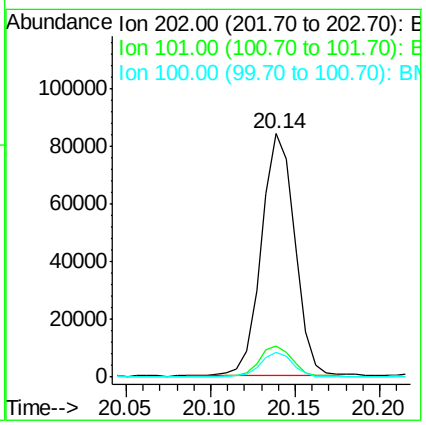
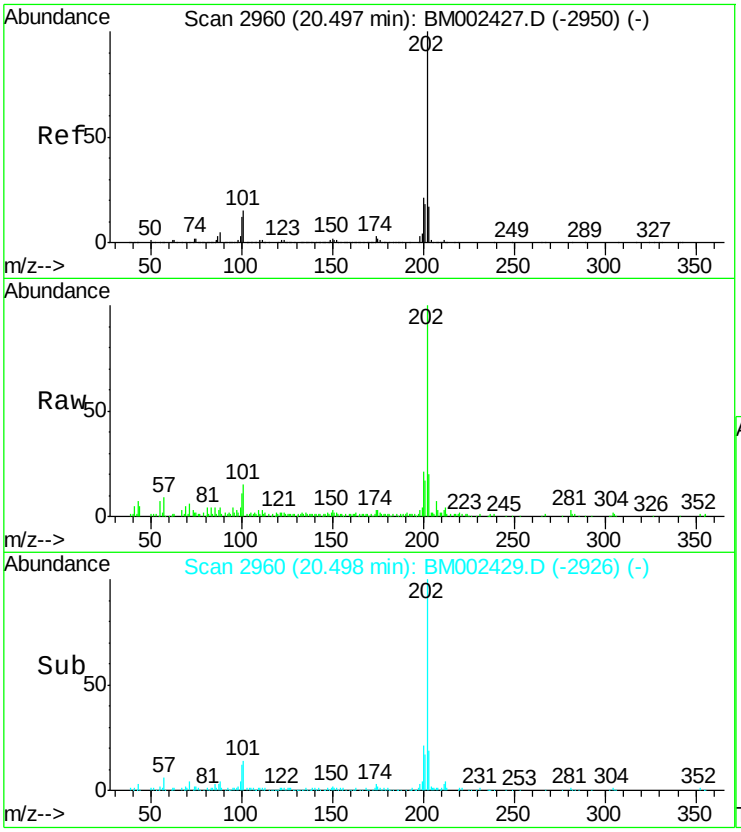


#16
Fluoranthene
Concen: 2.14 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:202 Resp: 115997

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.7	14.5
100	10.1	7.4	11.2

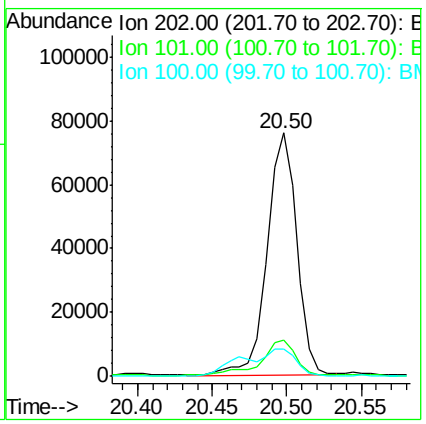




#19
Pyrene
Concen: 3.13 ng/ul
RT: 20.50 min Scan# 2960
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:202 Resp: 105790

Ion	Ratio	Lower	Upper
202	100		
101	14.7	12.0	18.0
100	11.4	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9DA9

Manual Integrations APPROVED
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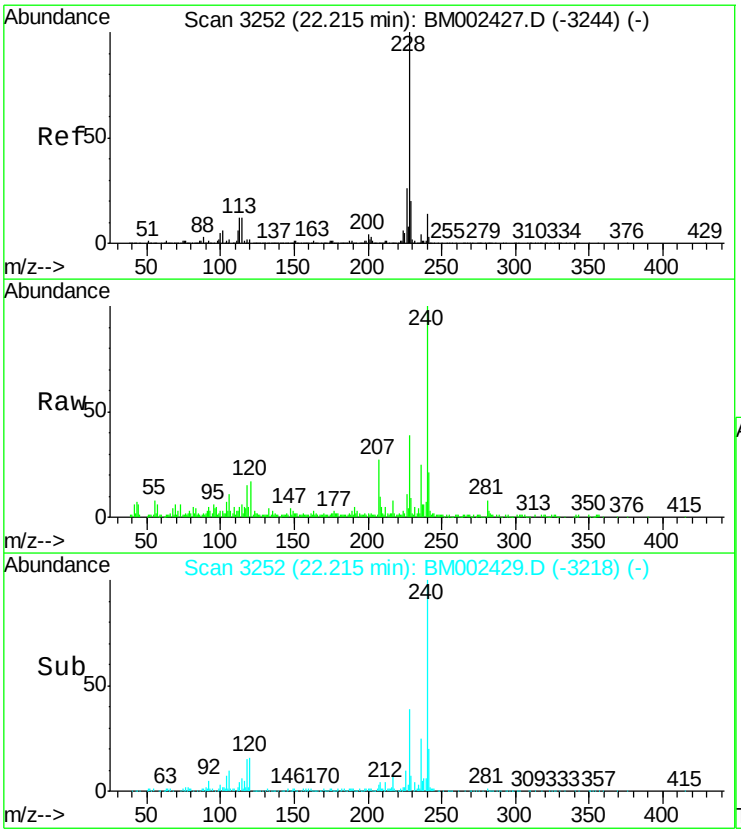
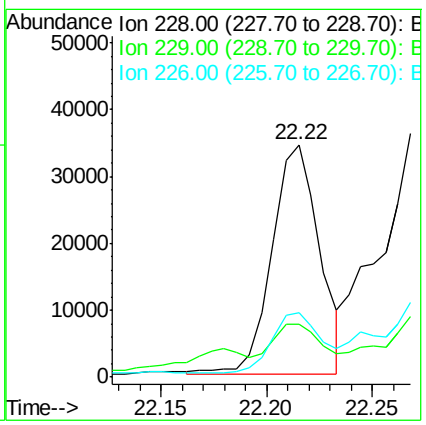
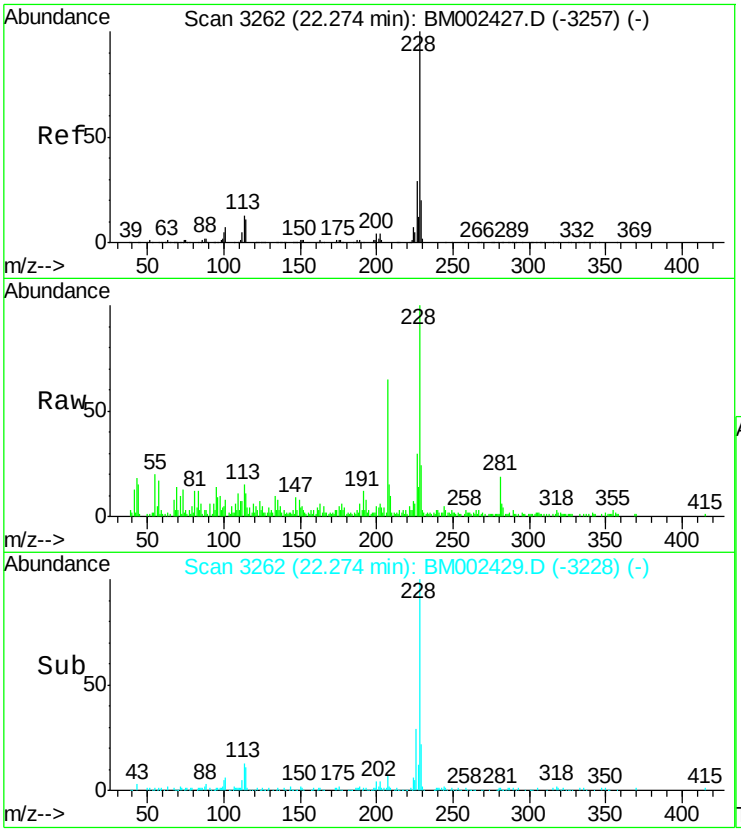


#20
Benzo(a)anthracene
Concen: 1.56 ng/ul
RT: 22.22 min Scan# 3252
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:228 Resp: 53824

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.8	23.6
226	27.6	21.1	31.7





#21
Chrysene
Concen: 2.25 ng/ul m
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:228 Resp: 72704

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	24.4	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
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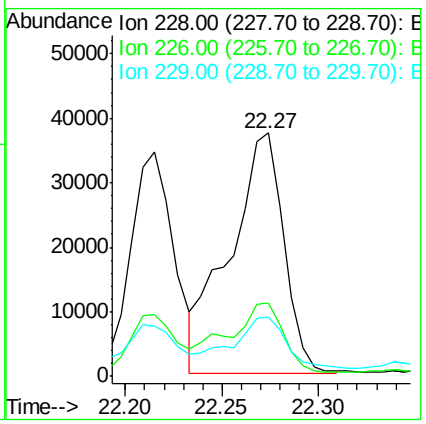
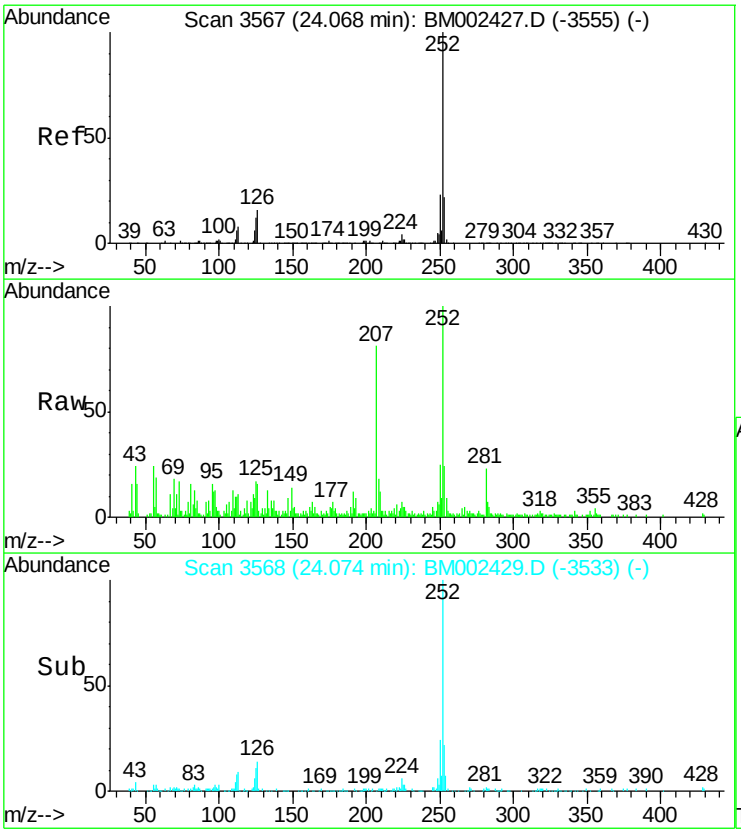
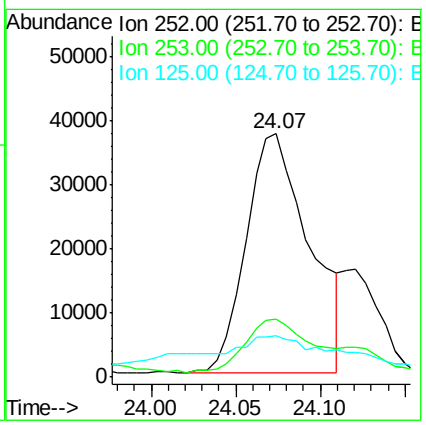


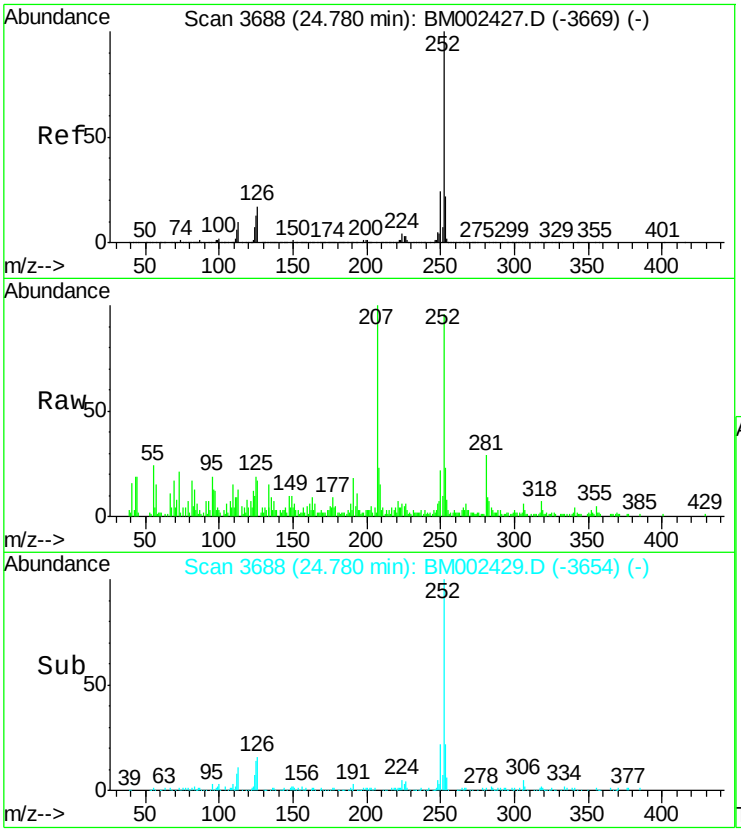


#23
Benzo(b)fluoranthene
Concen: 3.15 ng/ul
RT: 24.07 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:252 Resp: 97099

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	17.1	10.0	15.0#

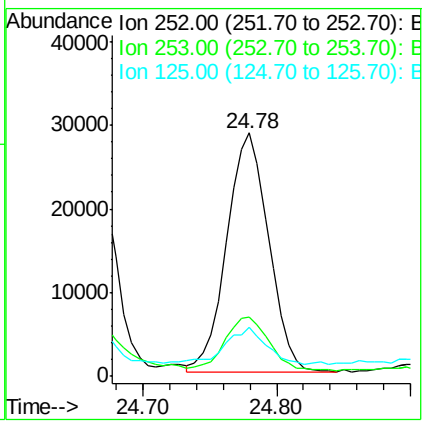




#26
Benzo(a)pyrene
Concen: 2.12 ng/ul
RT: 24.78 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:252 Resp: 62241

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.6	26.4
125	20.0	10.7	16.1#



Instrument :
BNA_M
ClientSampleId :
D9DA9

Manual Integrations APPROVED
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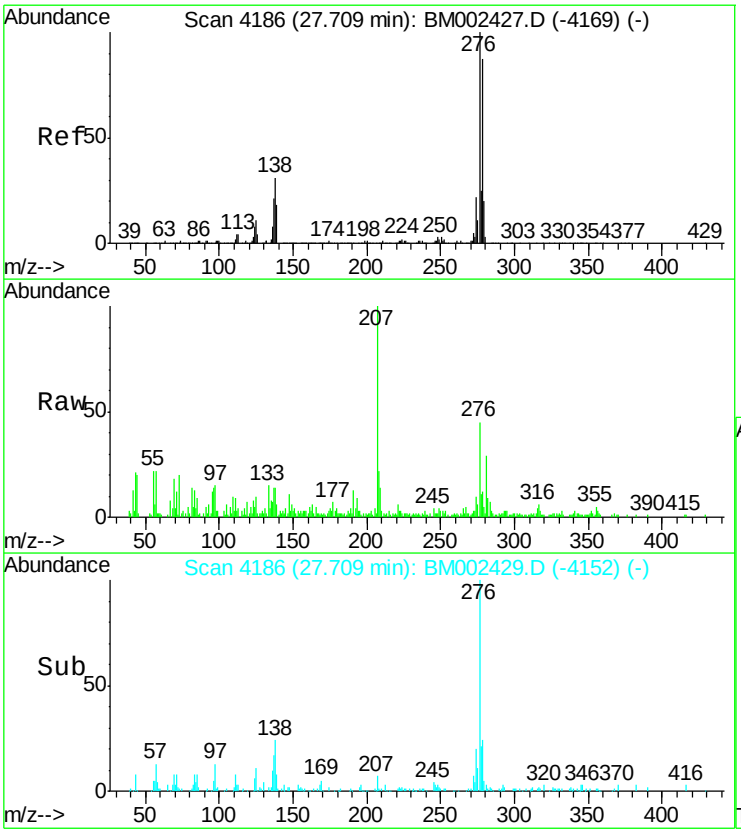
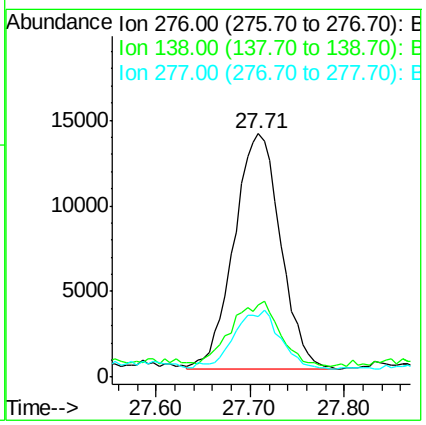
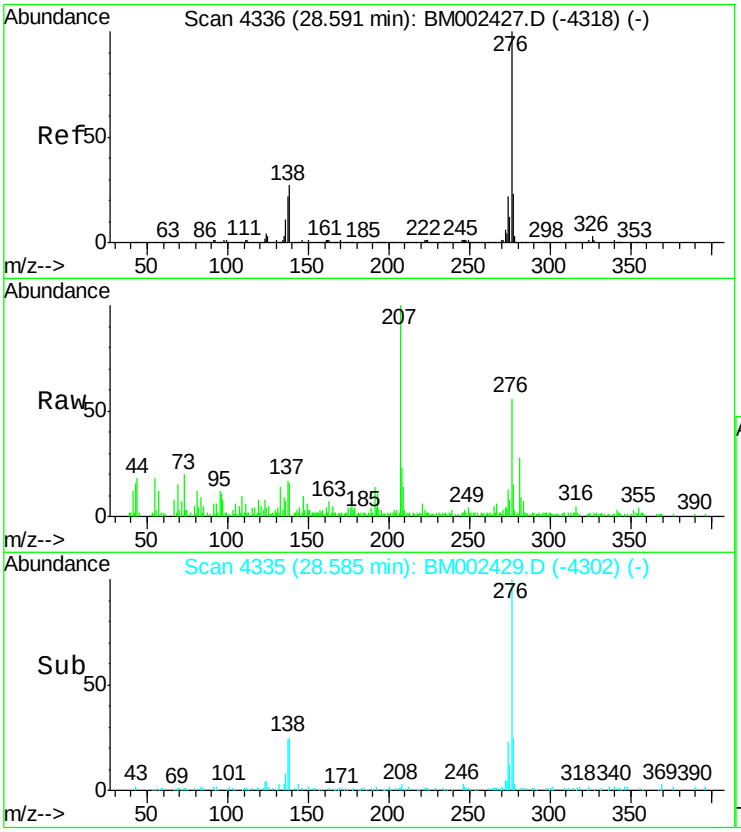


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.40 ng/ul
RT: 27.71 min Scan# 4186
Delta R.T. 0.00 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:276 Resp: 47435

Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.3	37.9
277	25.0	20.2	30.2

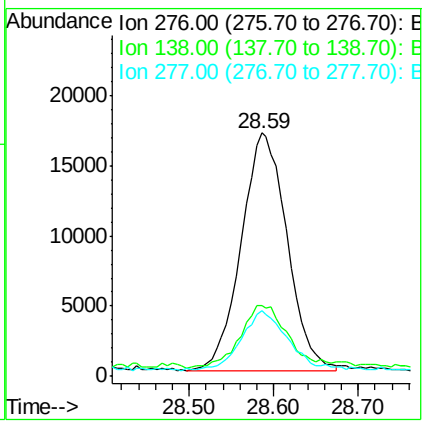




#29
Benzo(g,h,i)perylene
Concen: 2.26 ng/ul
RT: 28.59 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BM002429.D
Acq: 15 Aug 2015 17:48

Tgt Ion:276 Resp: 63709

Ion	Ratio	Lower	Upper
276	100		
138	28.9	21.0	31.6
277	27.0	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
MMDadoda
8/17/2015 2:46:11 PM