Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002405.D
Acq On : 15 Aug 2015 03:06
Operator : UM/IZ
Sample : G3219-04 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:43:19 PM

Quant Time: Aug 17 02:34:58 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:04:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	122749	20.00	ng/ul	0.00
2) Naphthalene-d8	11.73	136	612152	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.44	164	351418	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	747645	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	793474	20.00	ng/ul	0.00
22) Perylene-d12	24.88	264	746607	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	111150	3.09	ng/ul	0.00
10) Fluorene-d10	16.42	176	77472	3.07	ng/ul	0.00
14) Anthracene-d10	18.24	188	104025	2.88	ng/ul	0.00
18) Pyrene-d10	20.46	212	97799	2.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.70	264	66069	1.68	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	18.19	178	99022	2.29	ng/ul	98
16) Fluoranthene	20.13	202	177690	3.64	ng/ul	99
19) Pyrene	20.49	202	136223	2.93	ng/ul	98
20) Benzo(a)anthracene	22.20	228	91275	1.92	ng/ul	98
21) Chrysene	22.26	228	92214	2.08	ng/ul	96
23) Benzo(b)fluoranthene	24.06	252	124210	2.75	ng/ul	97
24) Benzo(k)fluoranthene	24.10	252	44768m	1.05	ng/ul	
26) Benzo(a)pyrene	24.76	252	75829	1.76	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	27.68	276	51234	1.03	ng/ul	93
29) Benzo(g,h,i)perylene	28.55	276	43935	1.06	ng/ul	98

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

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Manual Integrations APPROVED
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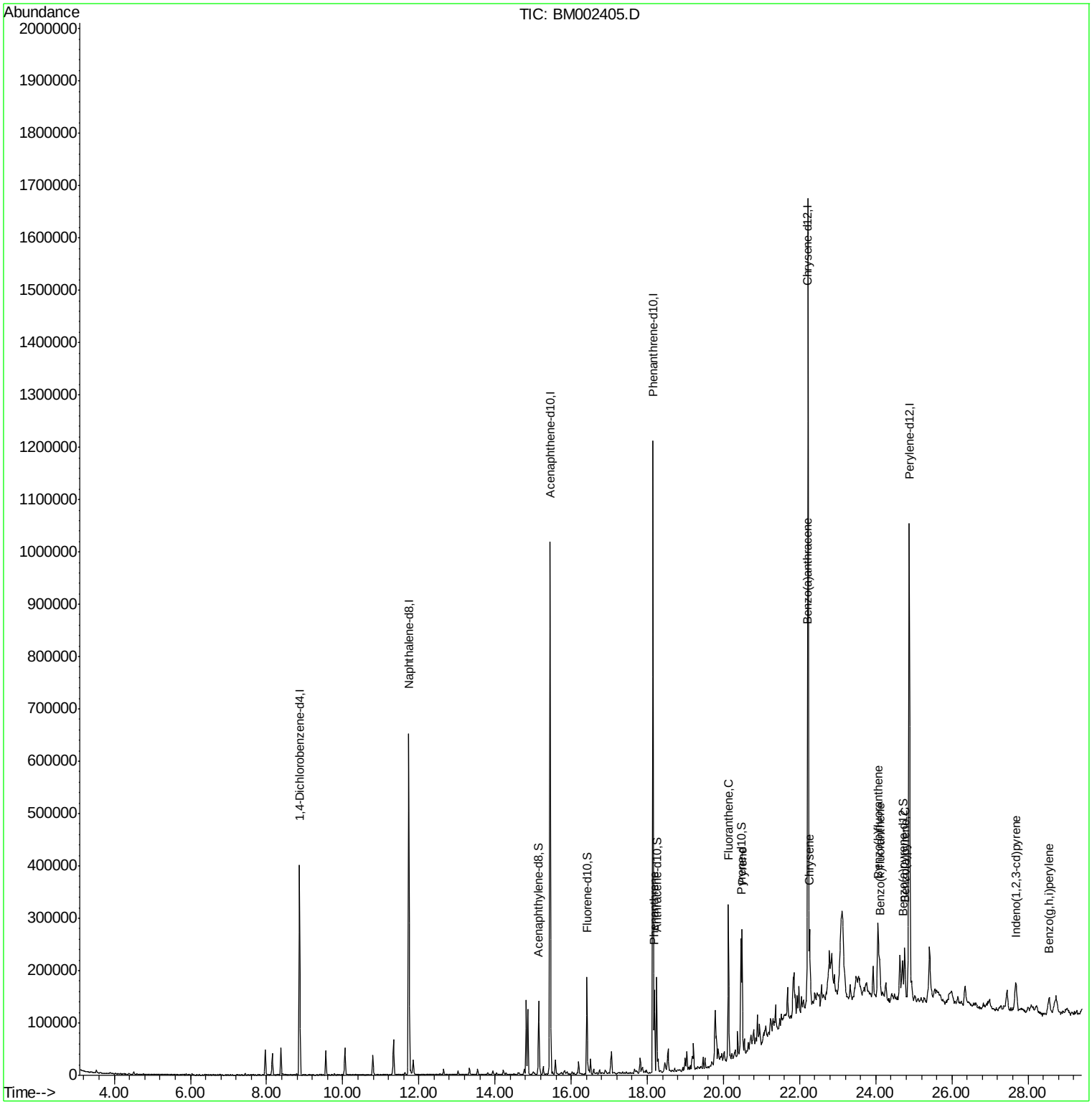
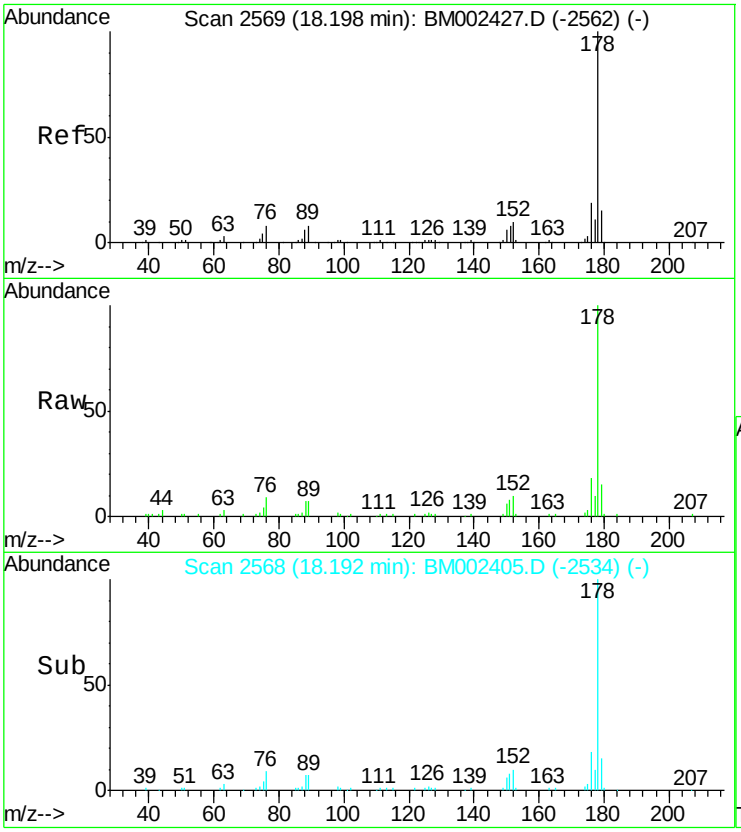
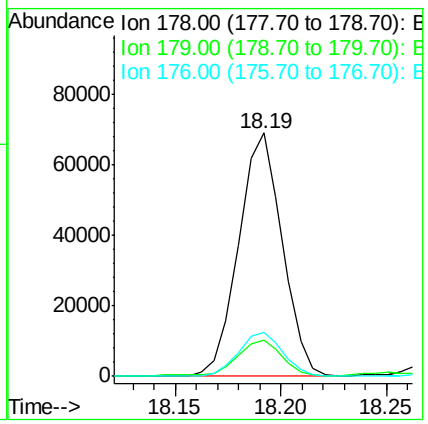




#13
Phenanthrene
Concen: 2.29 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. -0.00 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:178 Resp: 99022

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	18.3	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
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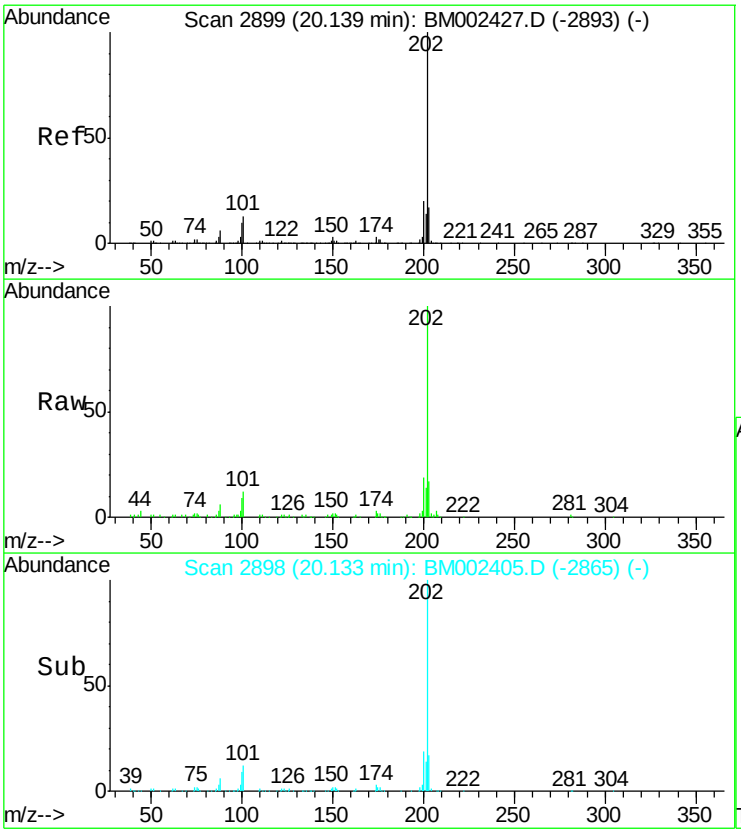
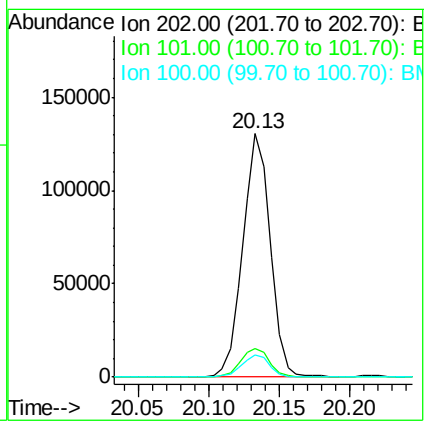
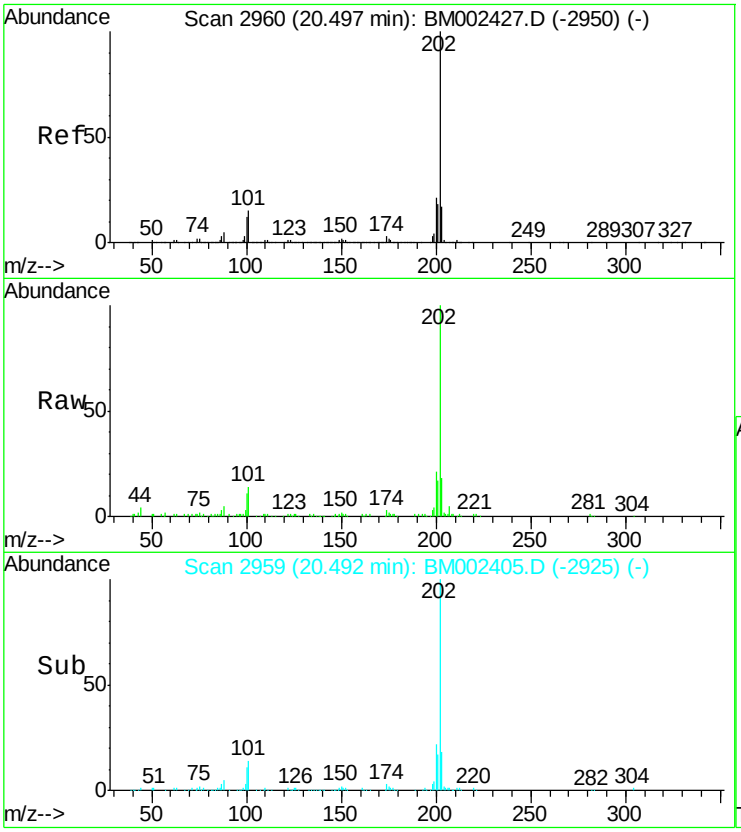


#16
Fluoranthene
Concen: 3.64 ng/ul
RT: 20.13 min Scan# 2898
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:202 Resp: 177690

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	9.1	7.4	11.2

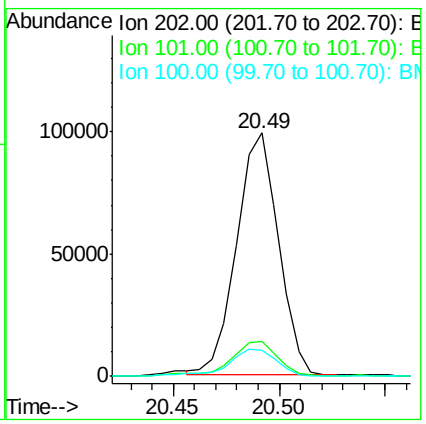




#19
Pyrene
Concen: 2.93 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. -0.00 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:202 Resp: 136223

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.0	18.0
100	10.8	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
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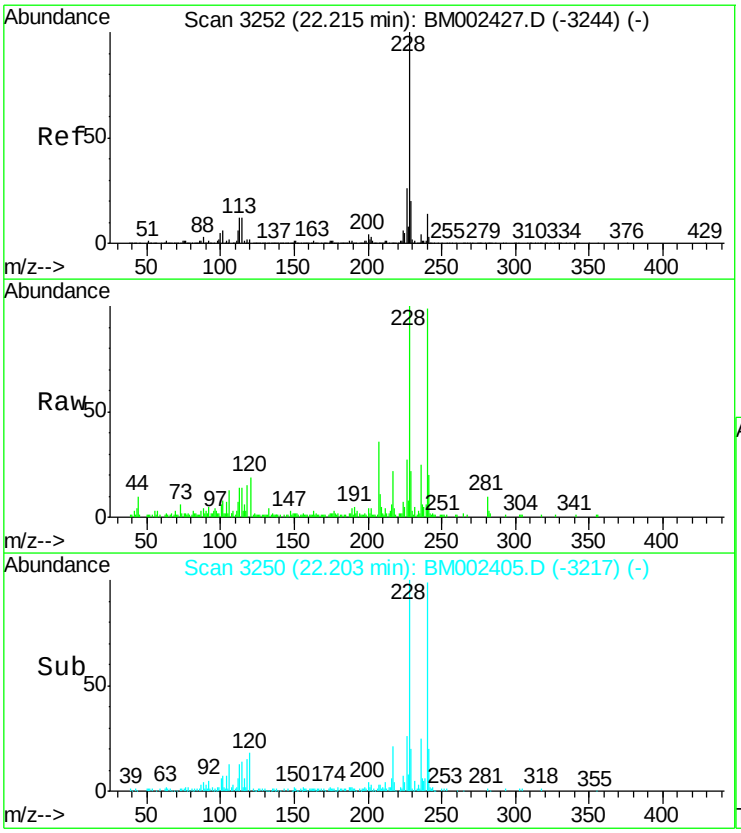
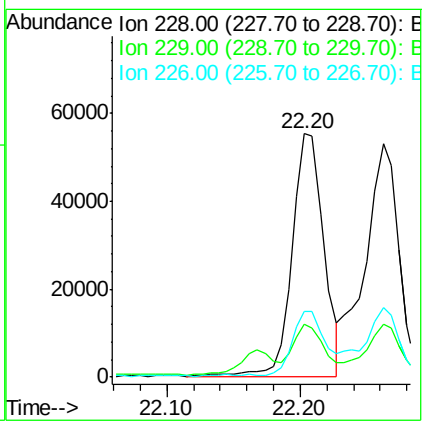
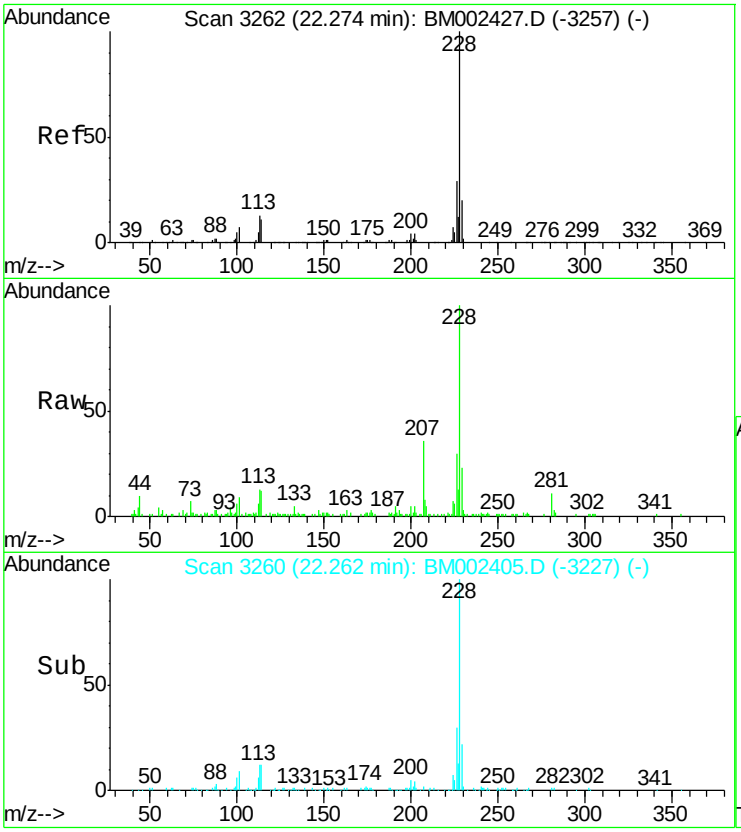


#20
Benzo(a)anthracene
Concen: 1.92 ng/ul
RT: 22.20 min Scan# 3250
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:228 Resp: 91275

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.6
226	27.0	21.1	31.7

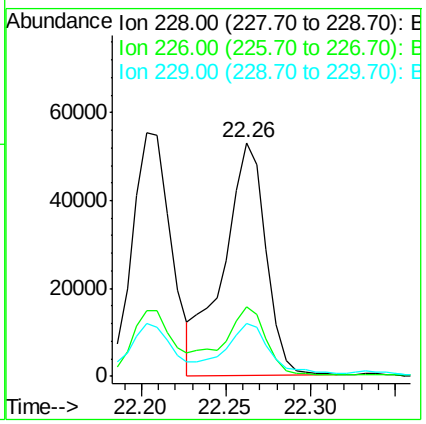




#21
Chrysene
Concen: 2.08 ng/ul
RT: 22.26 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:228 Resp: 92214

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
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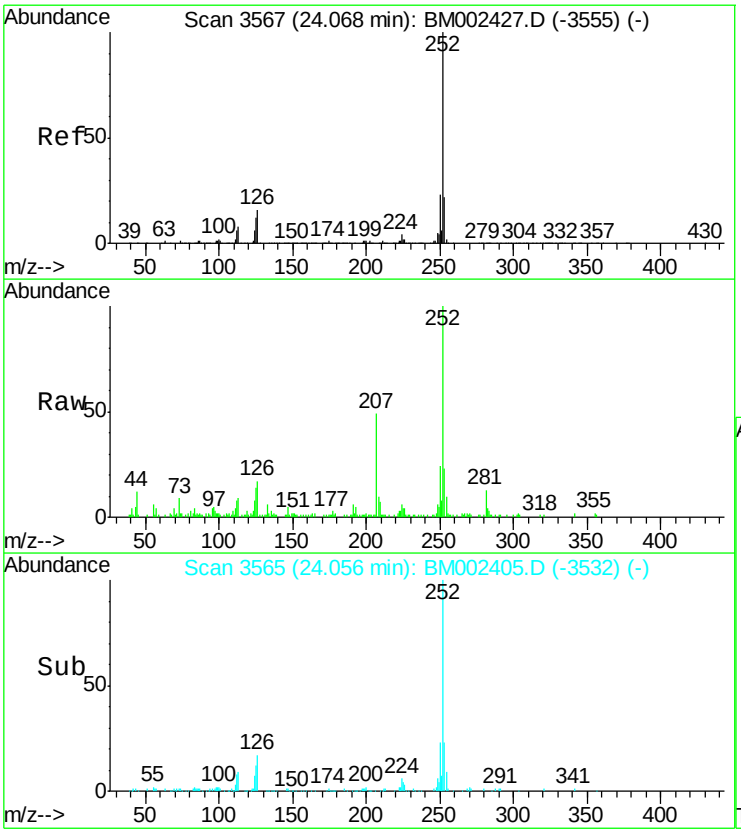
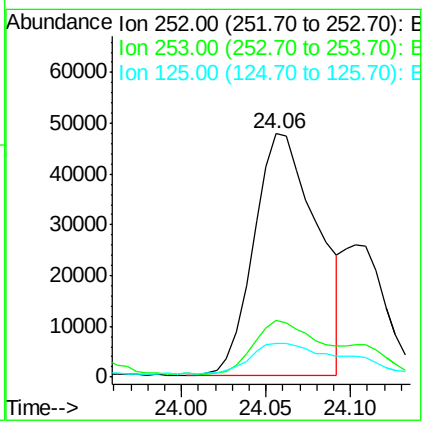
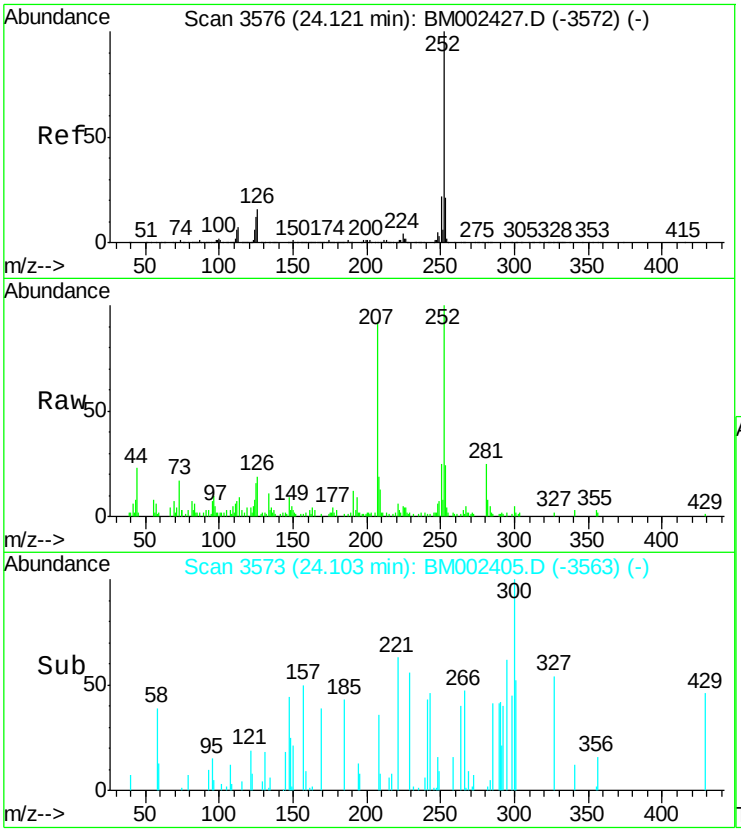


#23
Benzo(b)fluoranthene
Concen: 2.75 ng/ul
RT: 24.06 min Scan# 3565
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:252 Resp: 124210

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	13.8	10.0	15.0

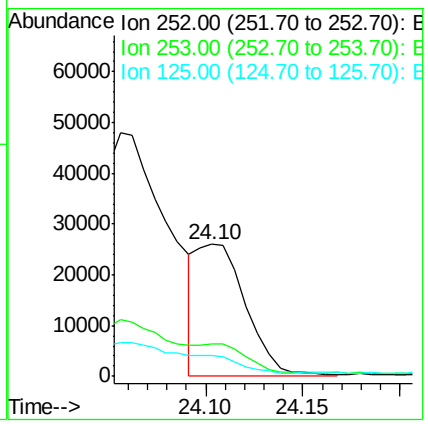




#24
Benzo(k)fluoranthene
Concen: 1.05 ng/ul m
RT: 24.10 min Scan# 3573
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:252 Resp: 44768

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	16.0	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
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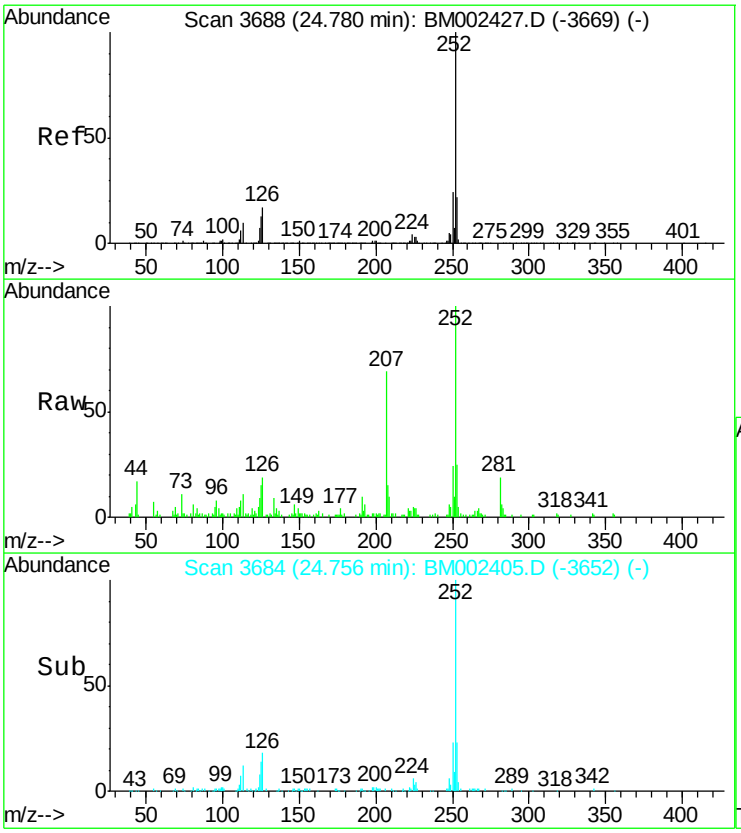
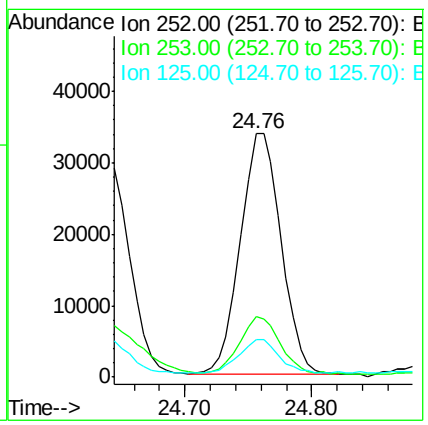
8/17/2015 2:43:19 PM

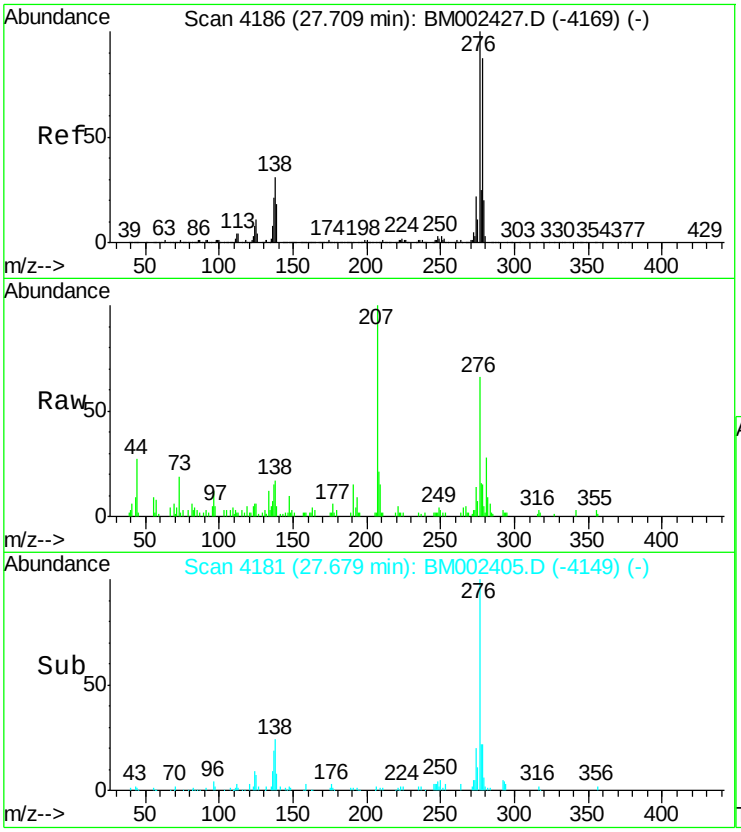


#26
Benzo(a)pyrene
Concen: 1.76 ng/ul
RT: 24.76 min Scan# 3684
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:252 Resp: 75829

Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.6	26.4
125	15.3	10.7	16.1

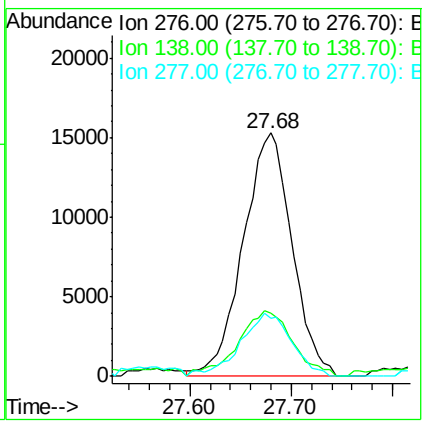




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.03 ng/ul
RT: 27.68 min Scan# 4181
Delta R.T. -0.01 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:276 Resp: 51234

Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.3	37.9
277	23.7	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9D97DL

Manual Integrations APPROVED
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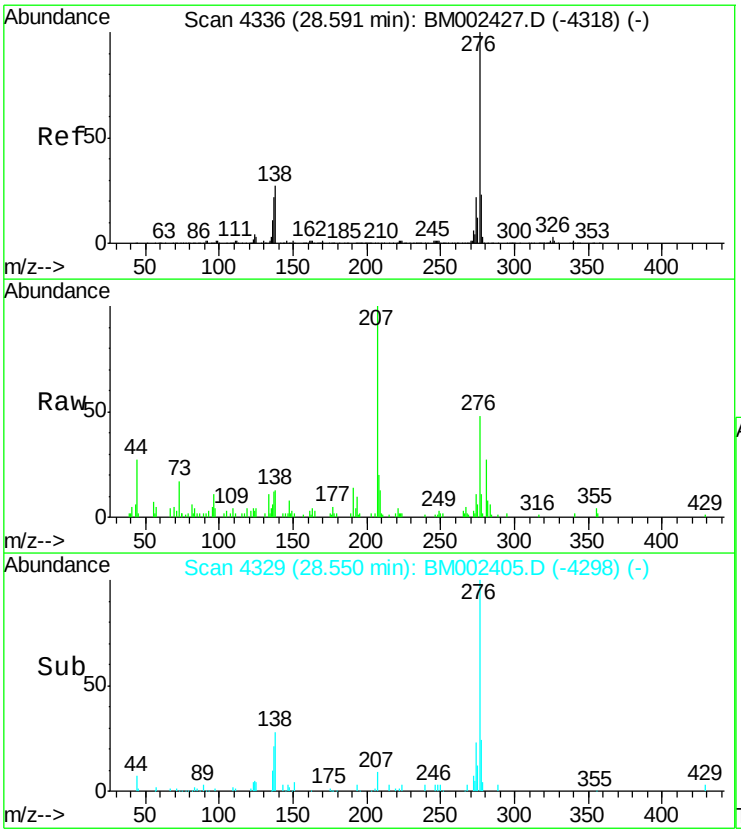

#29
Benzo(g,h,i)perylene
Concen: 1.06 ng/ul
RT: 28.55 min Scan# 4329
Delta R.T. -0.02 min
Lab File: BM002405.D
Acq: 15 Aug 2015 03:06

Tgt Ion:276 Resp: 43935

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.0	31.6
277	24.0	19.2	28.8