Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002415.D
Acq On : 15 Aug 2015 09:08
Operator : UM/IZ
Sample : G3194-22
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9DE5

Manual Integrations APPROVED
MMDadoda
8/17/2015 2:44:57 PM

Quant Time: Aug 17 03:47:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 02:54:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	197692	20.00	ng/ul	0.00
2) Naphthalene-d8	11.74	136	888445	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	454978	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.15	188	914031	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	722422	20.00	ng/ul	0.00
22) Perylene-d12	24.89	264	578751	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.15	160	804417	17.29	ng/ul	0.00
10) Fluorene-d10	16.42	176	536680	16.43	ng/ul	0.00
14) Anthracene-d10	18.25	188	760237	17.24	ng/ul	0.00
18) Pyrene-d10	20.46	212	716402	22.37	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.71	264	505727	16.63	ng/ul	0.00
Target Compounds						Qvalue
4) 2-Methylnaphthalene	13.33	142	34932	1.03	ng/ul	99
13) Phenanthrene	18.19	178	274824	5.21	ng/ul	100
16) Fluoranthene	20.14	202	666974	11.16	ng/ul	99
19) Pyrene	20.49	202	516984	12.22	ng/ul	99
20) Benzo(a)anthracene	22.21	228	300268	6.95	ng/ul	98
21) Chrysene	22.27	228	316958	7.84	ng/ul	97
23) Benzo(b)fluoranthene	24.06	252	396851	11.34	ng/ul	99
24) Benzo(k)fluoranthene	24.11	252	129191m	3.90	ng/ul	
26) Benzo(a)pyrene	24.77	252	218117	6.53	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.69	276	168286	4.38	ng/ul	95
28) Dibenzo(a,h)anthracene	27.69	278	46598	1.45	ng/ul#	85
29) Benzo(g,h,i)perylene	28.57	276	152710	4.77	ng/ul	99

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

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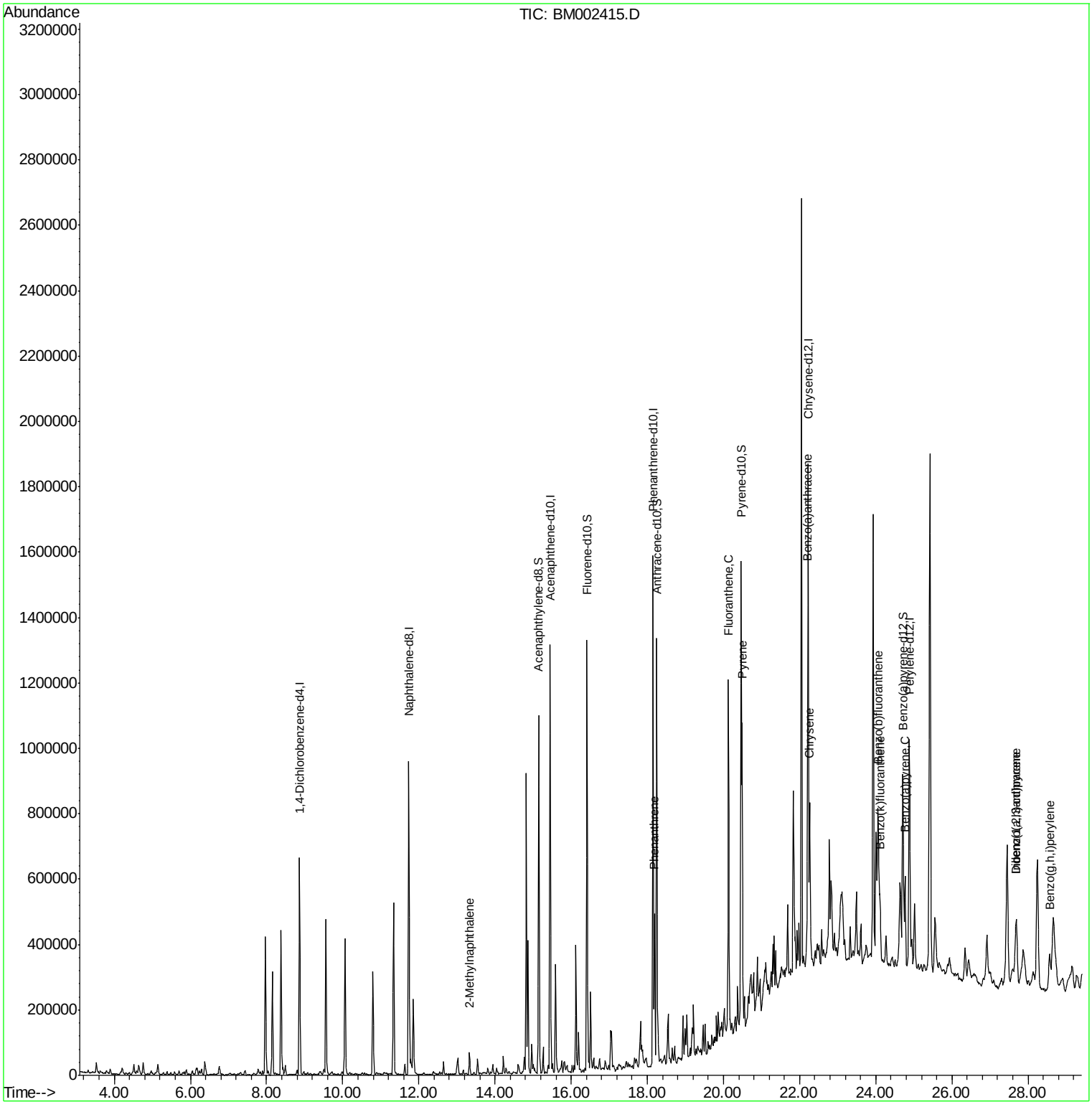

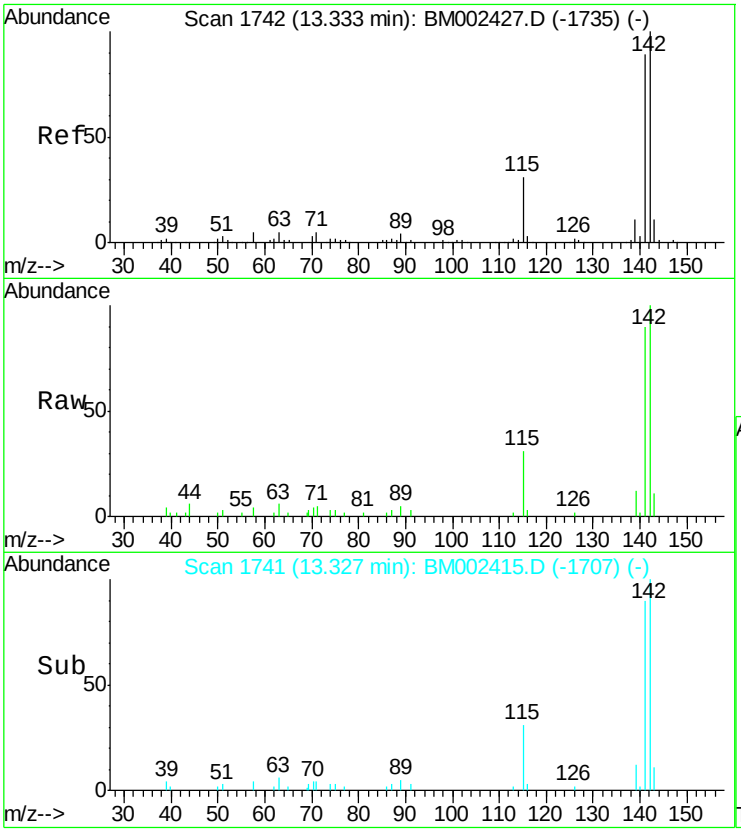

#4
2-Methylnaphthalene
Concen: 1.03 ng/ul
RT: 13.33 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:142 Resp: 34932

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.2	108.2

Instrument :
BNA_M
ClientSampleId :
D9DE5

Manual Integrations APPROVED
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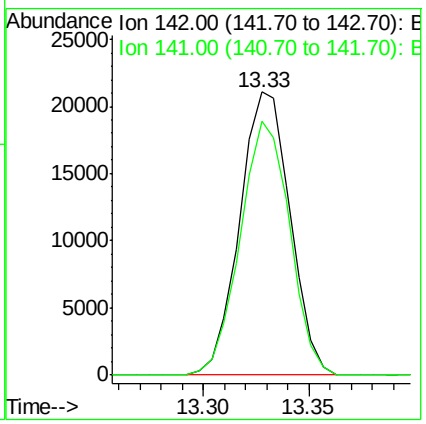
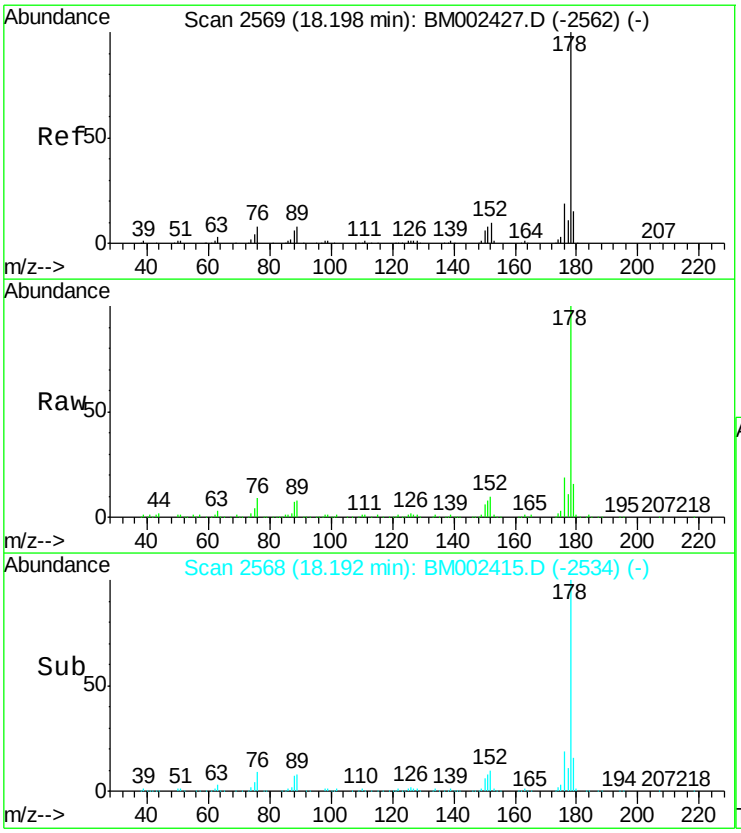
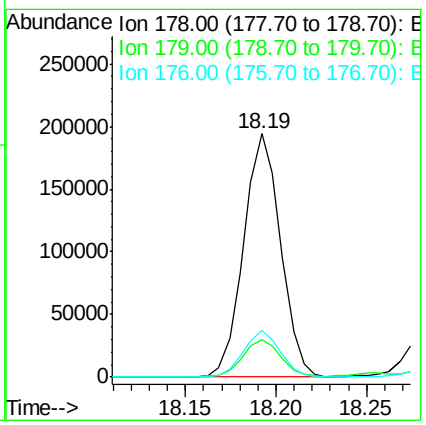


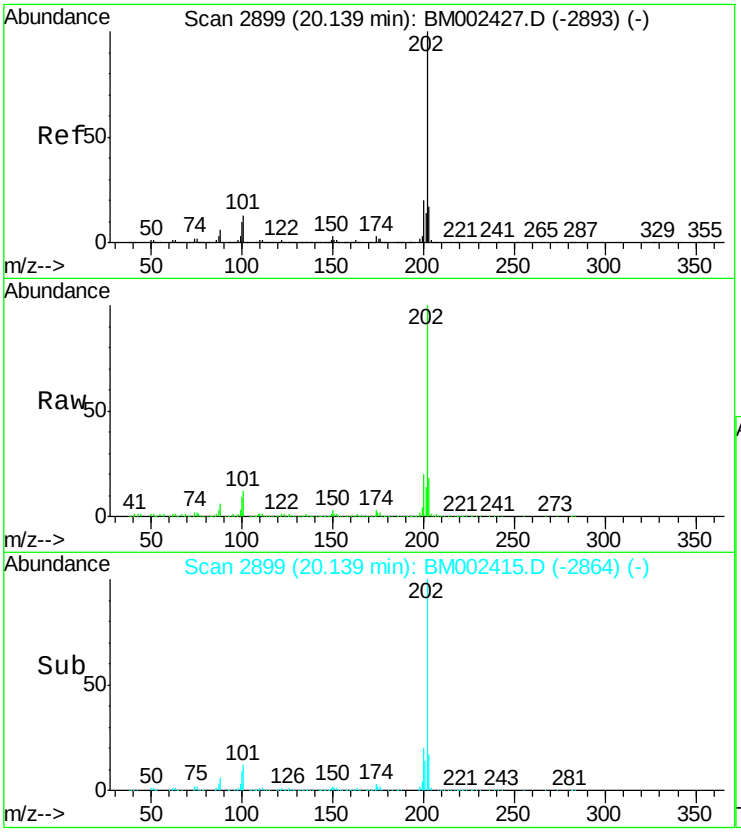


#13
Phenanthrene
Concen: 5.21 ng/ul
RT: 18.19 min Scan# 2568
Delta R.T. 0.00 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:178 Resp: 274824

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.4	18.6
176	18.9	15.1	22.7

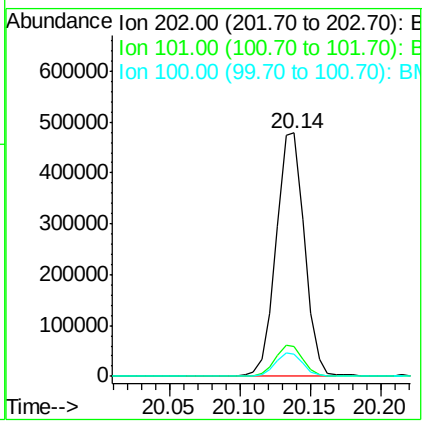




#16
Fluoranthene
Concen: 11.16 ng/ul
RT: 20.14 min Scan# 2899
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:202 Resp: 666974

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.7	14.5
100	9.1	7.4	11.2



Instrument :
BNA_M
ClientSampleId :
D9DE5

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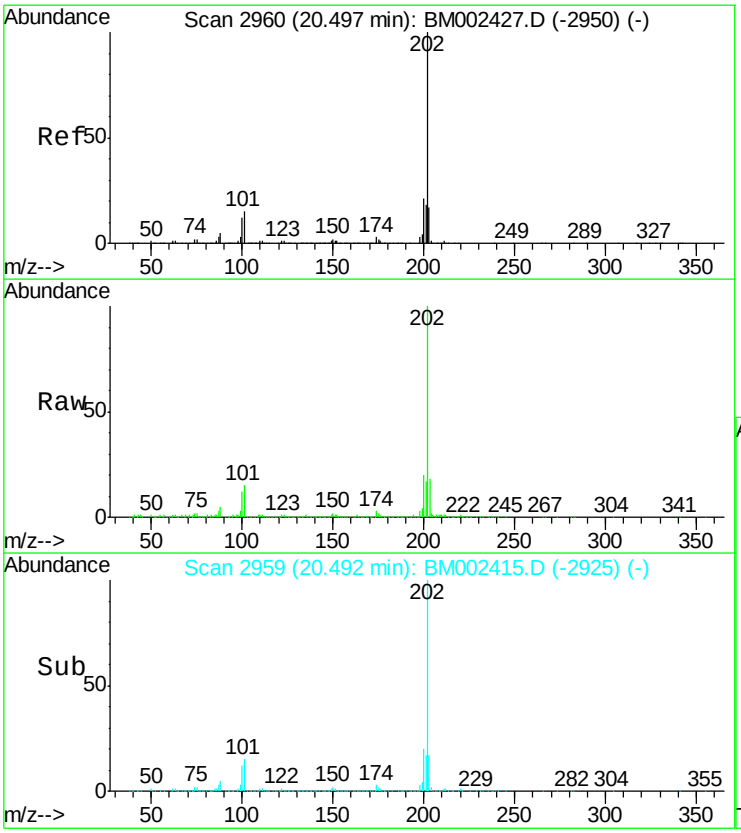
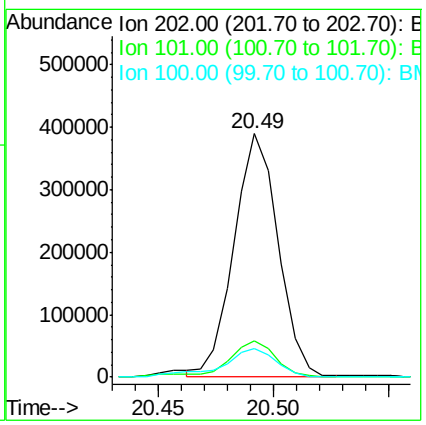
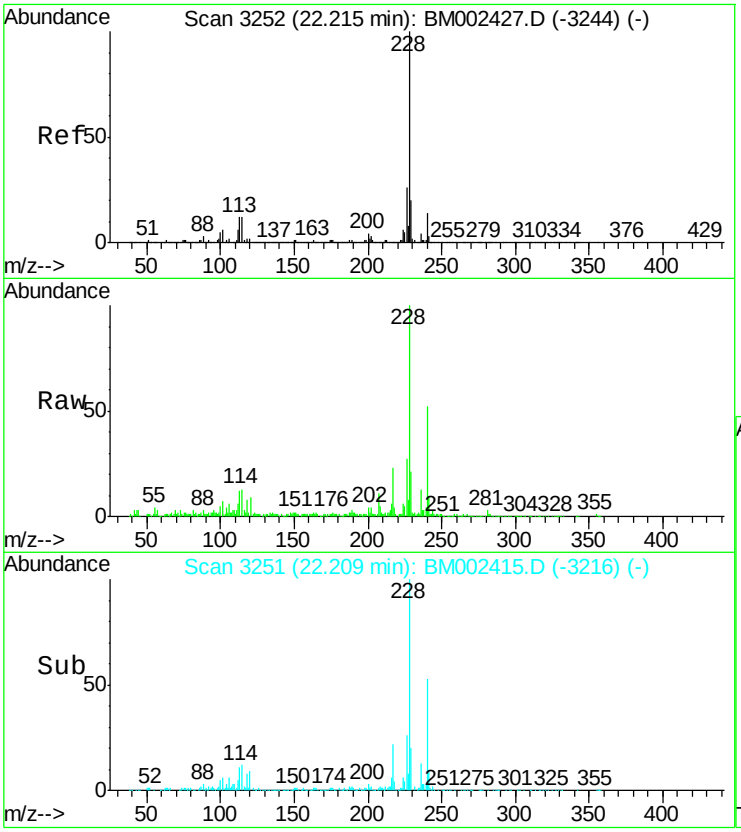


#19
Pyrene
Concen: 12.22 ng/ul
RT: 20.49 min Scan# 2959
Delta R.T. 0.00 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:202 Resp: 516984

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.0	18.0
100	11.6	9.7	14.5

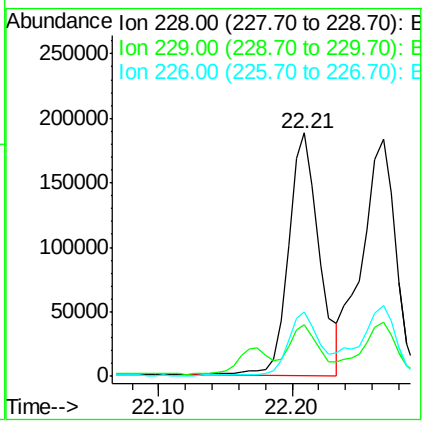




#20
Benzo(a)anthracene
Concen: 6.95 ng/ul
RT: 22.21 min Scan# 3251
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:228 Resp: 300268

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	26.7	21.1	31.7



Instrument :
BNA_M
ClientSampleId :
D9DE5

Manual Integrations APPROVED
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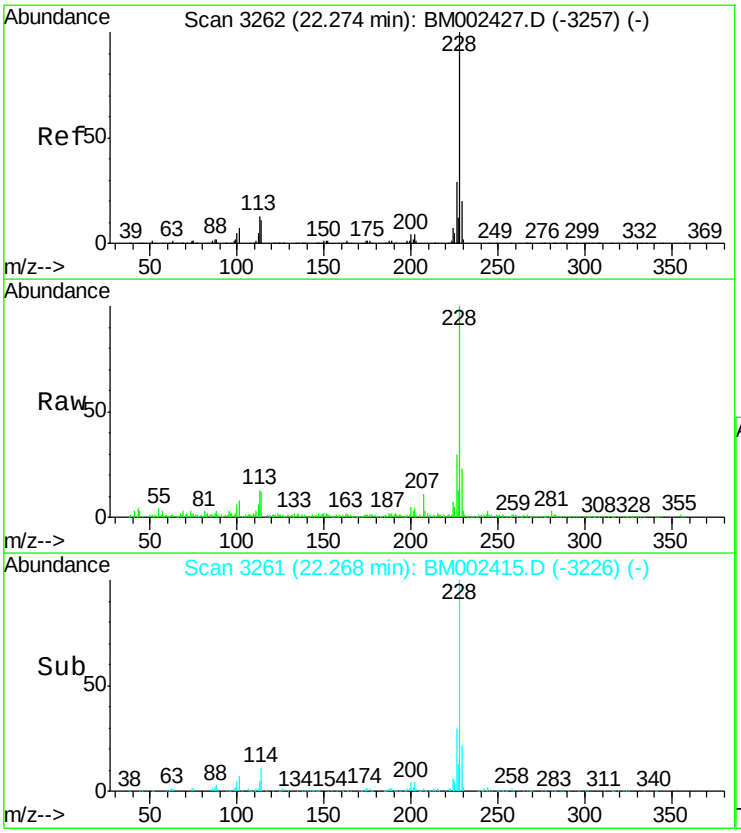
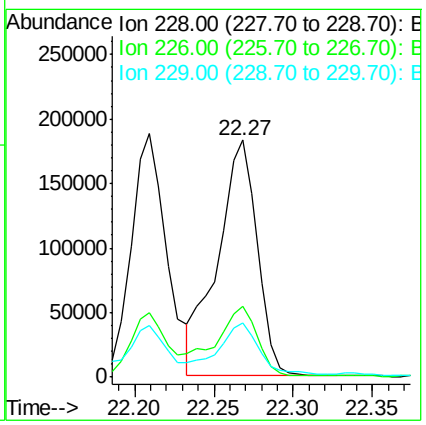
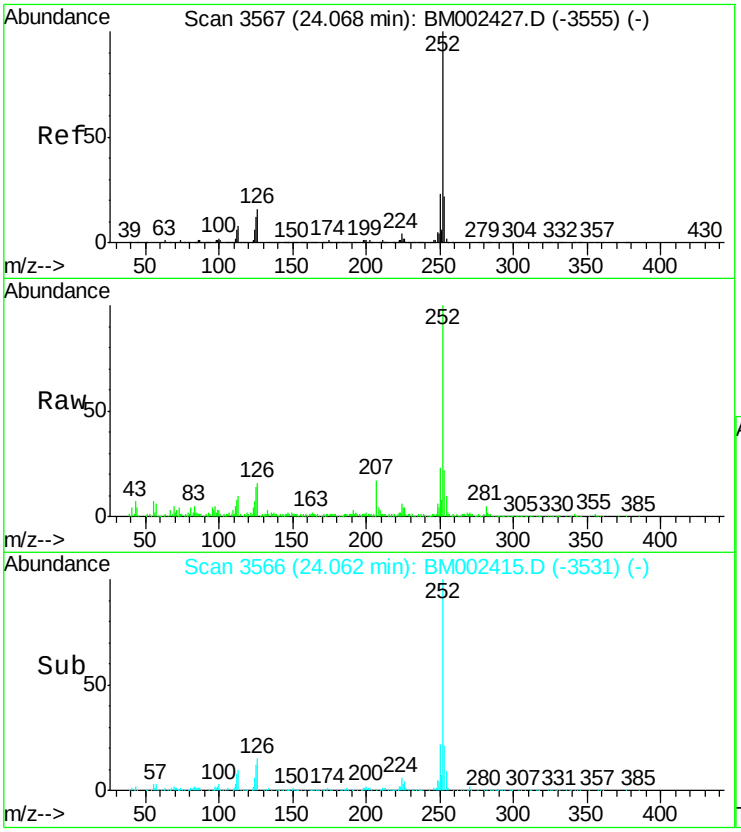


#21
Chrysene
Concen: 7.84 ng/ul
RT: 22.27 min Scan# 3261
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:228 Resp: 316958

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	22.7	15.7	23.5

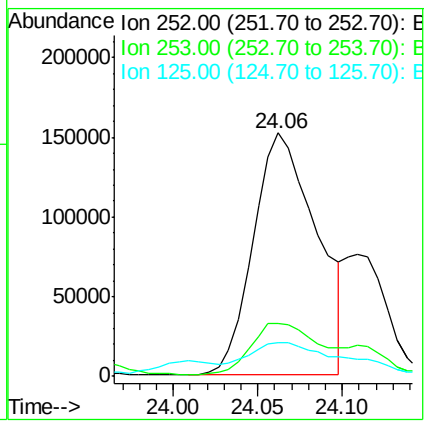




#23
Benzo(b)fluoranthene
Concen: 11.34 ng/ul
RT: 24.06 min Scan# 3566
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:252 Resp: 396851

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	13.8	10.0	15.0



Instrument :
BNA_M
ClientSampleId :
D9DE5

Manual Integrations APPROVED
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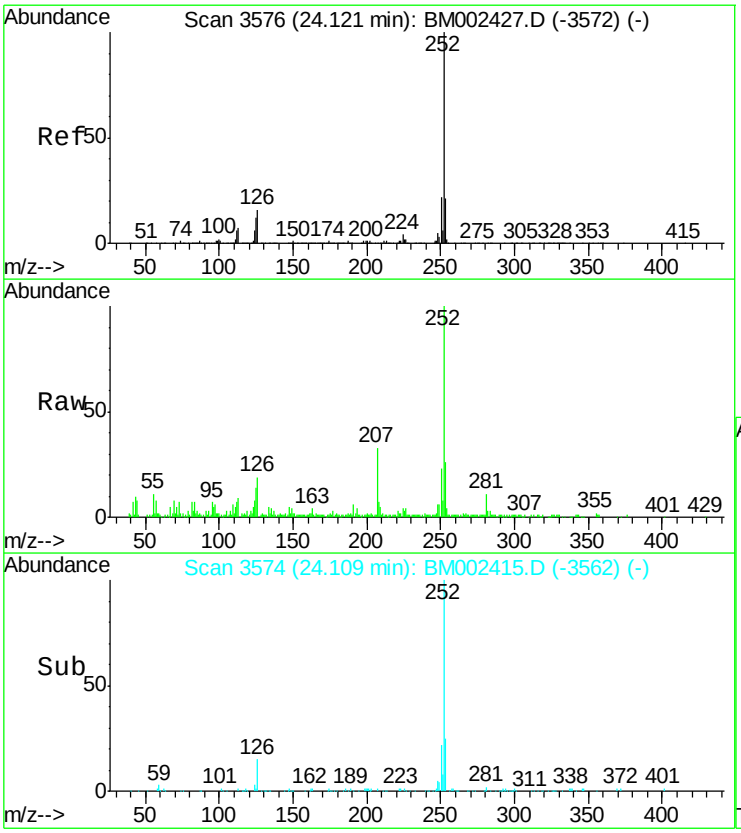
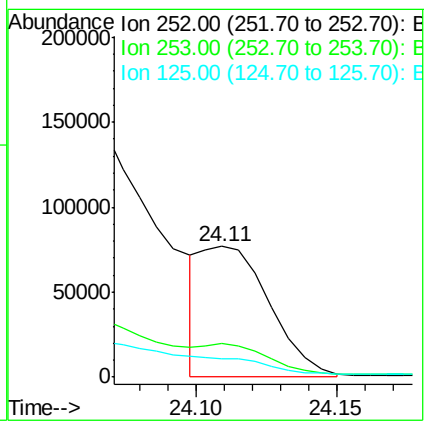
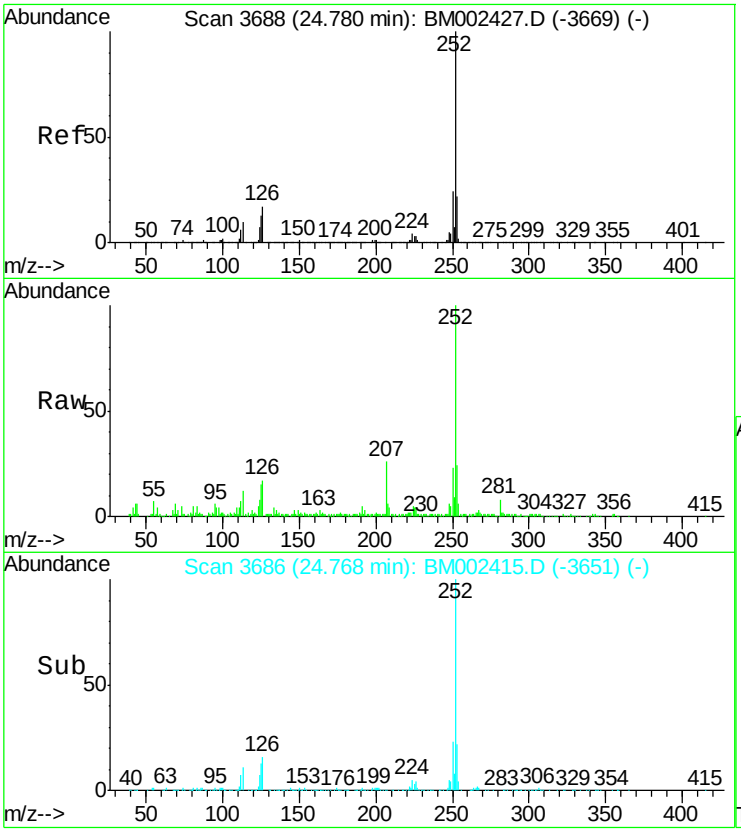


#24
Benzo(k)fluoranthene
Concen: 3.90 ng/ul m
RT: 24.11 min Scan# 3574
Delta R.T. 0.00 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:252 Resp: 129191

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.8	26.6
125	14.3	9.8	14.8

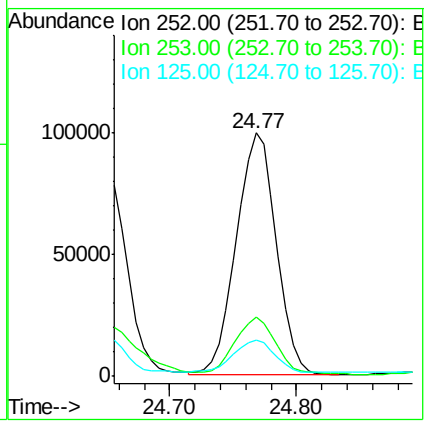




#26
Benzo(a)pyrene
Concen: 6.53 ng/ul
RT: 24.77 min Scan# 3686
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:252 Resp: 218117

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	14.8	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
D9DE5

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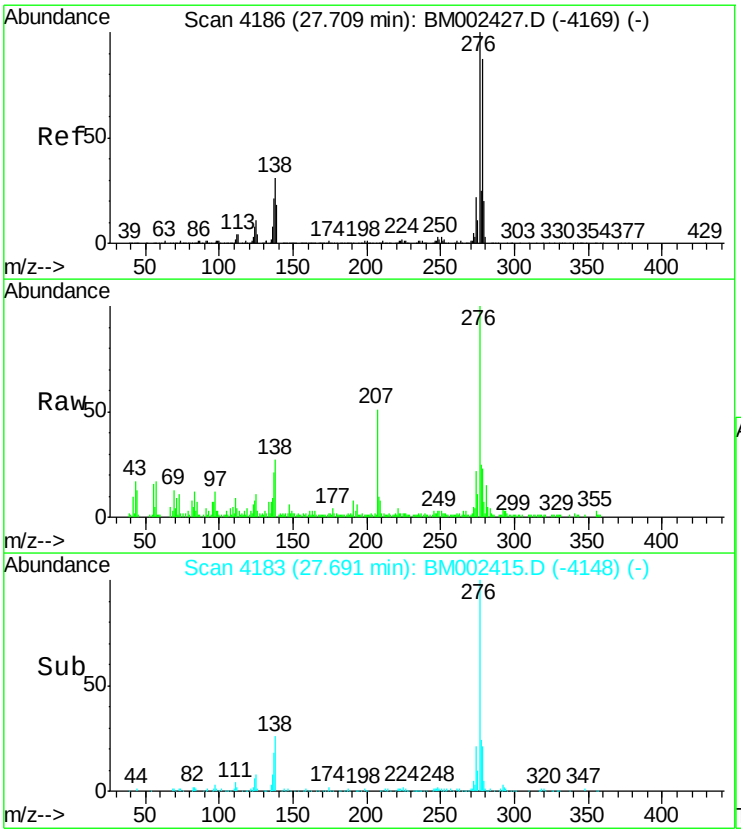
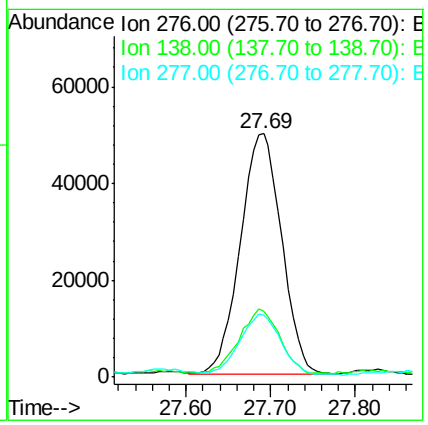
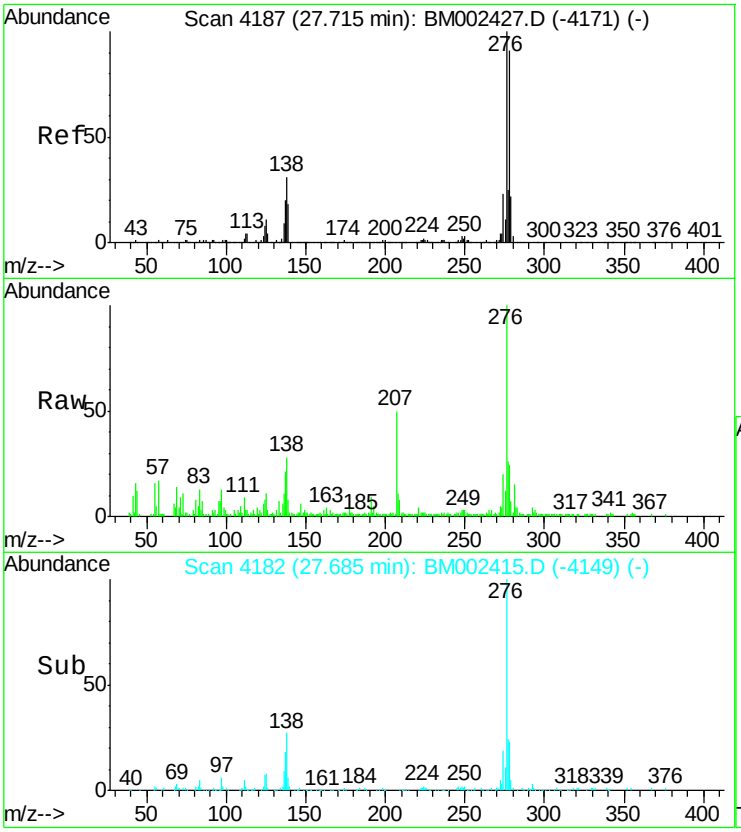


#27
Indeno(1,2,3-cd)pyrene
Concen: 4.38 ng/ul
RT: 27.69 min Scan# 4183
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:276 Resp: 168286

Ion	Ratio	Lower	Upper
276	100		
138	27.0	25.3	37.9
277	25.4	20.2	30.2

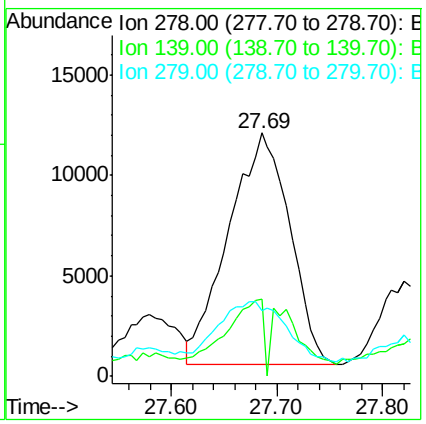




#28
Dibenzo(a,h)anthracene
Concen: 1.45 ng/ul
RT: 27.69 min Scan# 4182
Delta R.T. -0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:278 Resp: 46598

Ion	Ratio	Lower	Upper
278	100		
139	31.9	16.5	24.7#
279	27.0	18.8	28.2



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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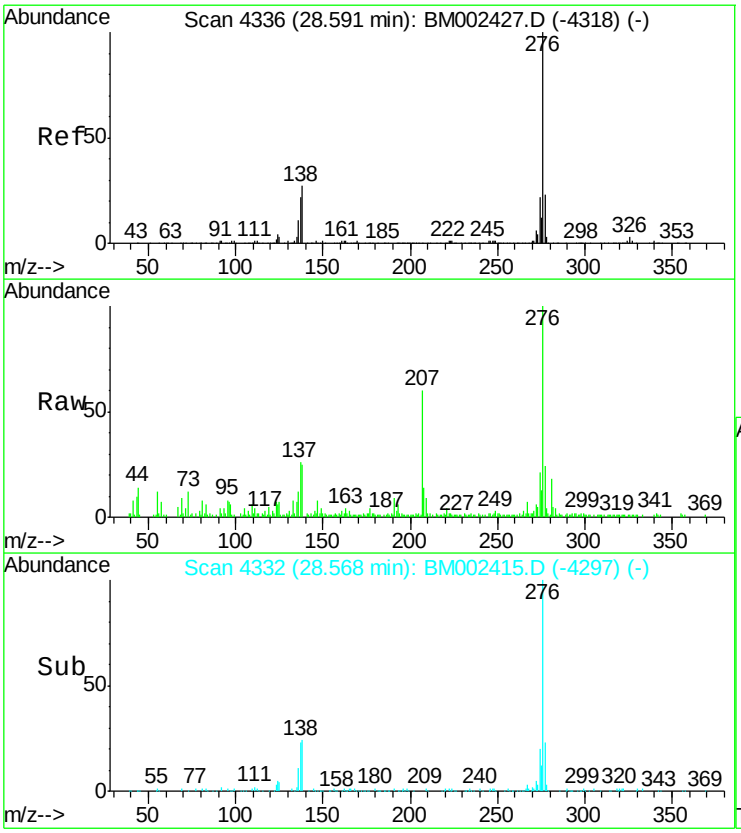

#29
Benzo(g,h,i)perylene
Concen: 4.77 ng/ul
RT: 28.57 min Scan# 4332
Delta R.T. 0.01 min
Lab File: BM002415.D
Acq: 15 Aug 2015 09:08

Tgt Ion:276 Resp: 152710

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.0	31.6
277	24.0	19.2	28.8