Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072116\
Data File : BM006614.D
Acq On : 22 Jul 2016 07:57
Operator : UM/SJ
Sample : H4076-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YQ5

Manual Integrations
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Quant Time: Jul 22 11:13:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	187184	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	809909	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	450243	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1001949	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1003149	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	871940	20.00	ng/ul	0.03
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	5325	1.15	ng/uL	0.00
3) Phenol-d5	6.79	99	243945	15.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	157272	15.94	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	196396	15.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	138184	11.19	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	95928	15.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	104980	16.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	187299	15.20	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	131541	9.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	587681	16.65	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	770586	17.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	82366	13.43	ng/ul	0.02
21) Fluorene-d10	15.26	176	542030	17.17	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	36746	7.07	ng/ul	0.01
26) Anthracene-d10	17.12	188	805415	16.93	ng/ul	0.00
30) Pyrene-d10	19.42	212	901288	19.72	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	679580	16.94	ng/ul	0.02
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.06	142	54725	1.79	ng/ul	99
14) 1-Methylnaphthalene	12.29	142	33994	1.16	ng/ul	89
25) Phenanthrene	17.06	178	200267	3.55	ng/ul	97
28) Fluoranthene	19.08	202	533462	8.06	ng/ul	98
31) Pyrene	19.45	202	477142	7.86	ng/ul	97
32) Benzo(a)anthracene	21.20	228	262742	4.32	ng/ul	93
33) Chrysene	21.26	228	298837m	5.33	ng/ul	
35) Benzo(b)fluoranthene	22.77	252	359669	6.88	ng/ul#	72
36) Benzo(k)fluoranthene	22.81	252	96309m	1.91	ng/ul	
38) Benzo(a)pyrene	23.34	252	223375	4.39	ng/ul#	76
39) Indeno(1,2,3-cd)pyrene	25.65	276	207838	3.53	ng/ul#	90
40) Dibenzo(a,h)anthracene	25.65	278	59633	1.22	ng/ul#	59
41) Benzo(g,h,i)perylene	26.32	276	195967	3.88	ng/ul#	90

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

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Instrument :
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Manual Integrations
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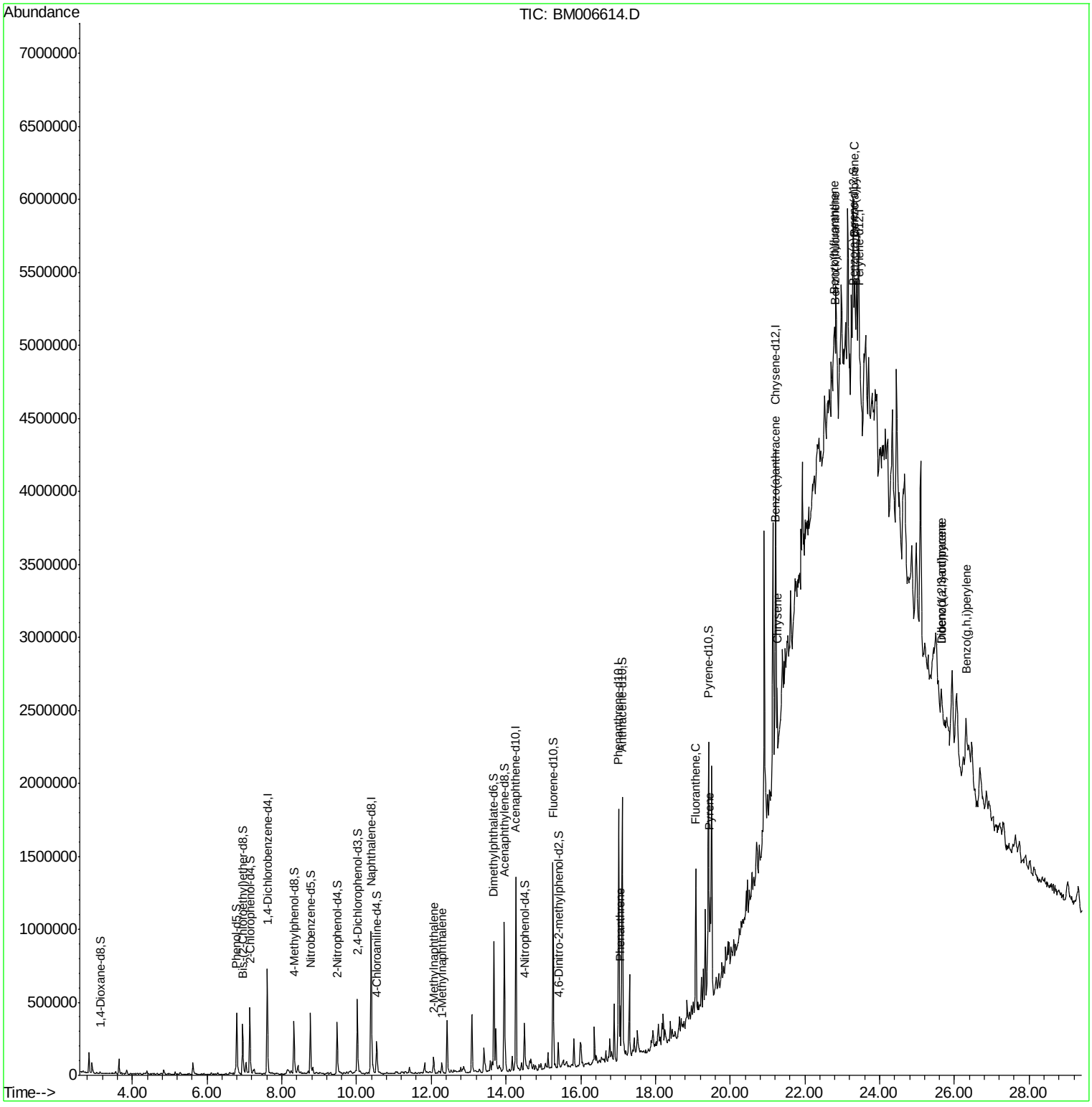
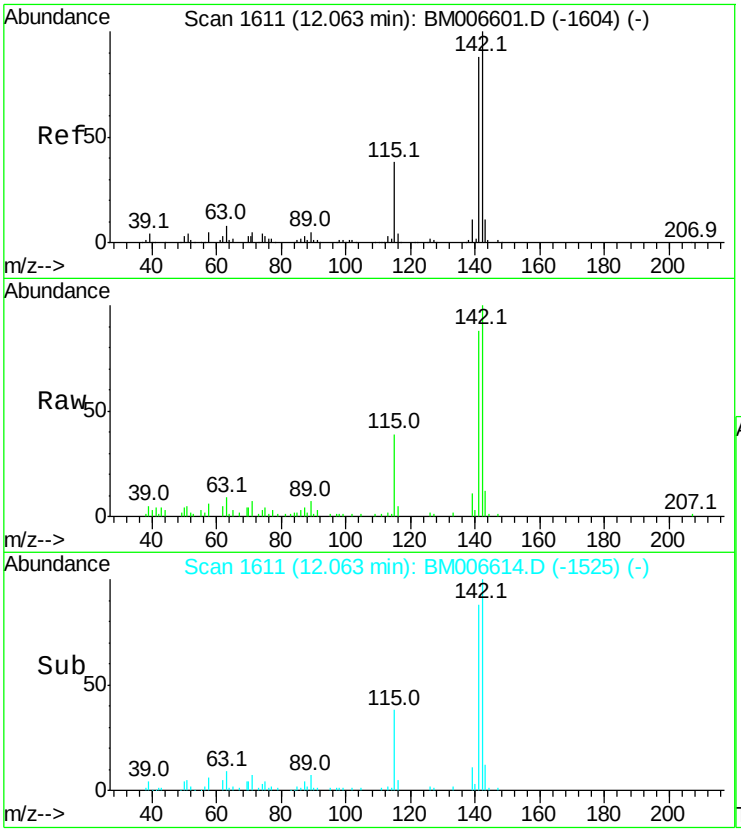
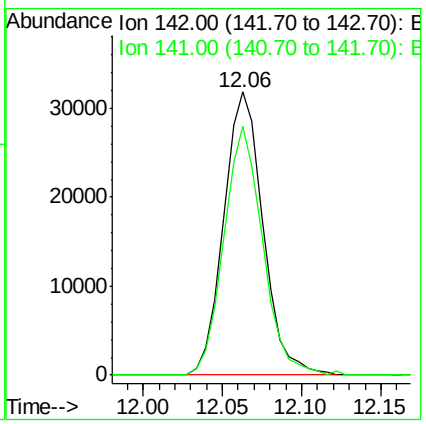




#13
2-Methylnaphthalene
Concen: 1.79 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:142 Resp: 54725

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9



Instrument :
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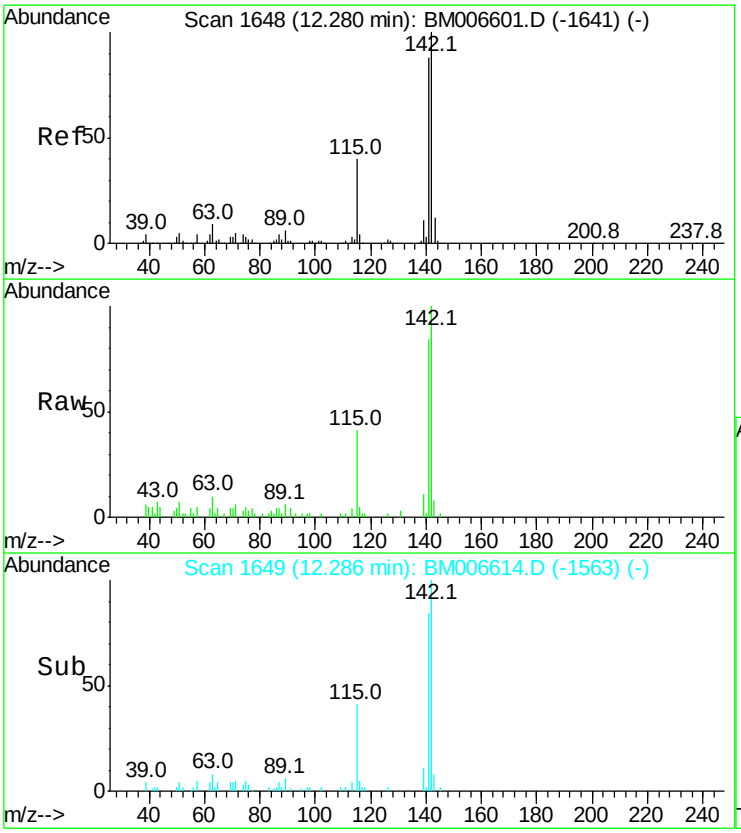
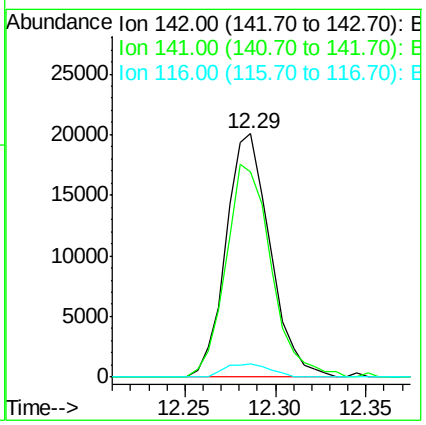
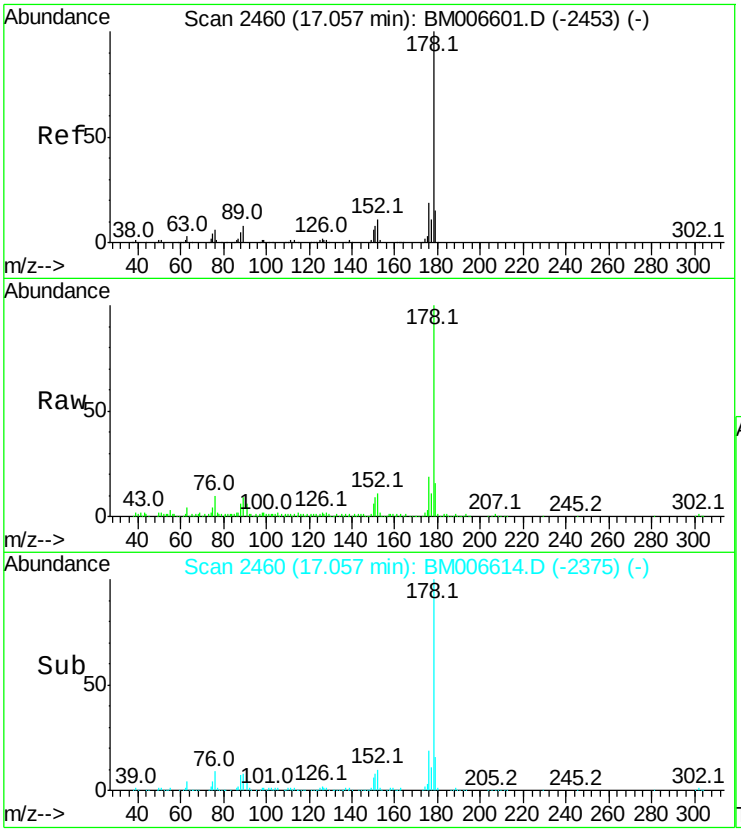


#14
1-Methylnaphthalene
Concen: 1.16 ng/ul
RT: 12.29 min Scan# 1649
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:142 Resp: 33994

Ion	Ratio	Lower	Upper
142	100		
141	84.4	77.0	115.4
116	5.2	4.2	6.4





#25
Phenanthrene
Concen: 3.55 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:178 Resp: 200267

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	19.4	14.8	22.2

Instrument :
BNA_M
ClientSampleId :
D9YQ5

Manual Integrations
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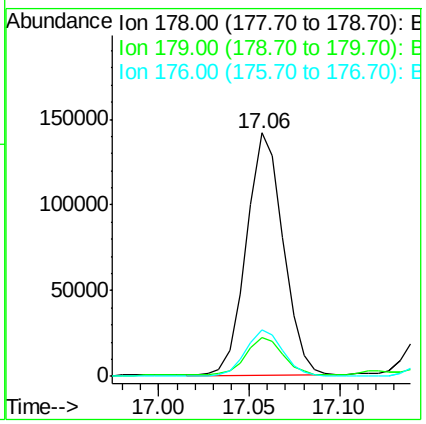
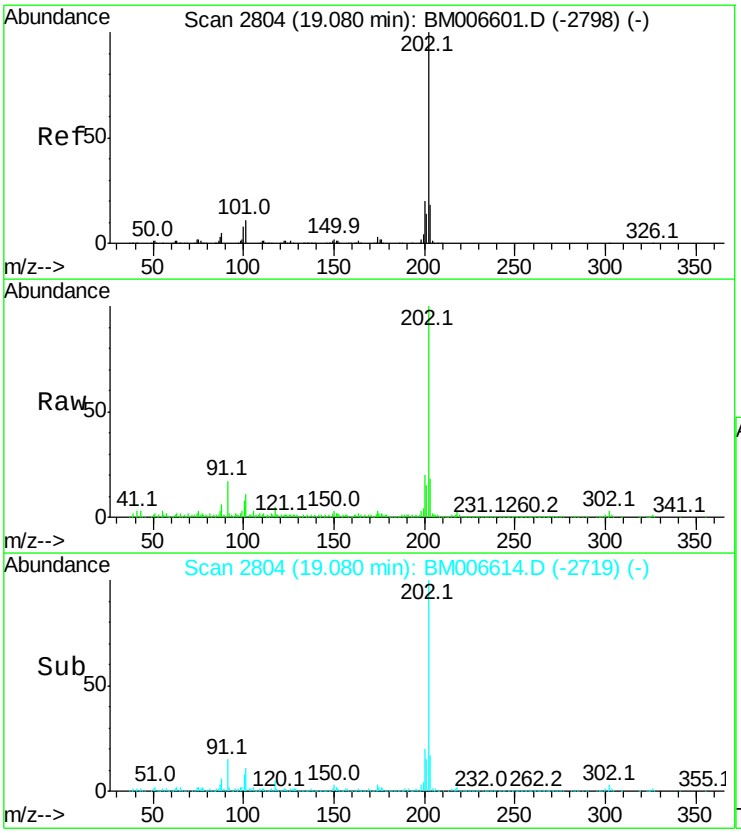
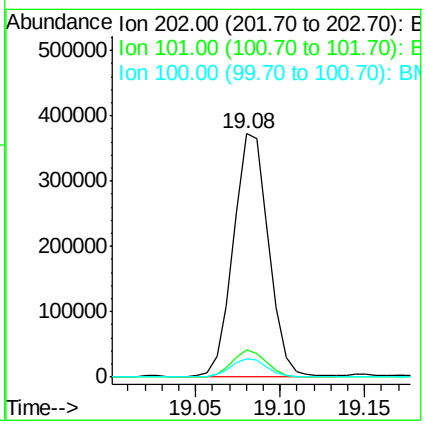


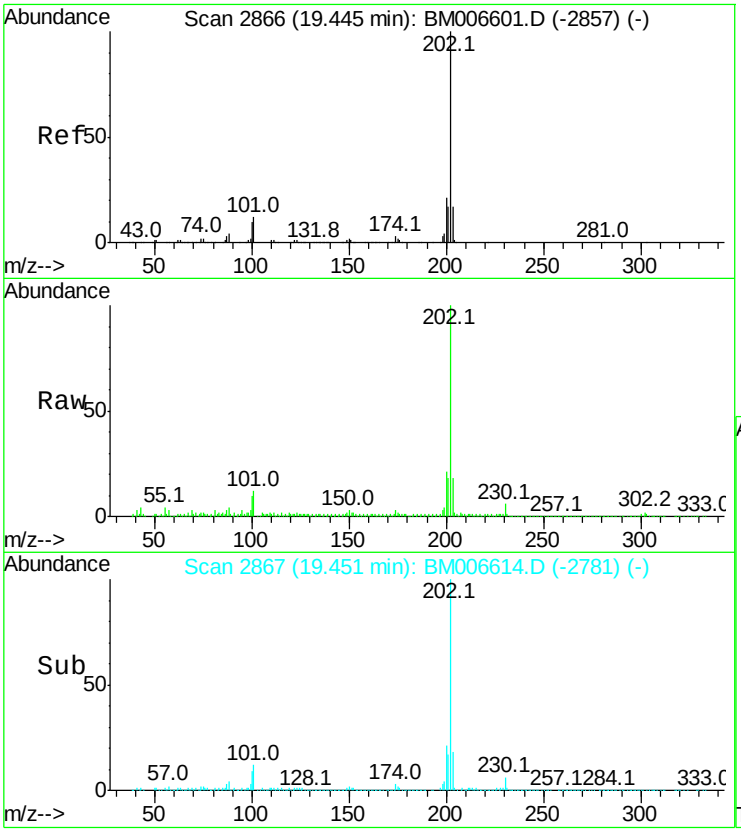


#28
Fluoranthene
Concen: 8.06 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:202 Resp: 533462

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	7.6	7.0	10.4





#31
Pyrene
Concen: 7.86 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:202 Resp: 477142

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
100	9.5	9.3	13.9

Instrument :
BNA_M
ClientSampleId :
D9YQ5

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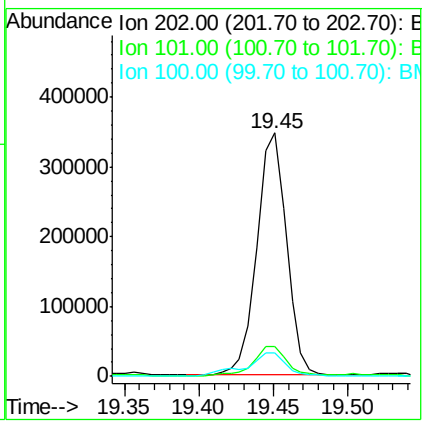
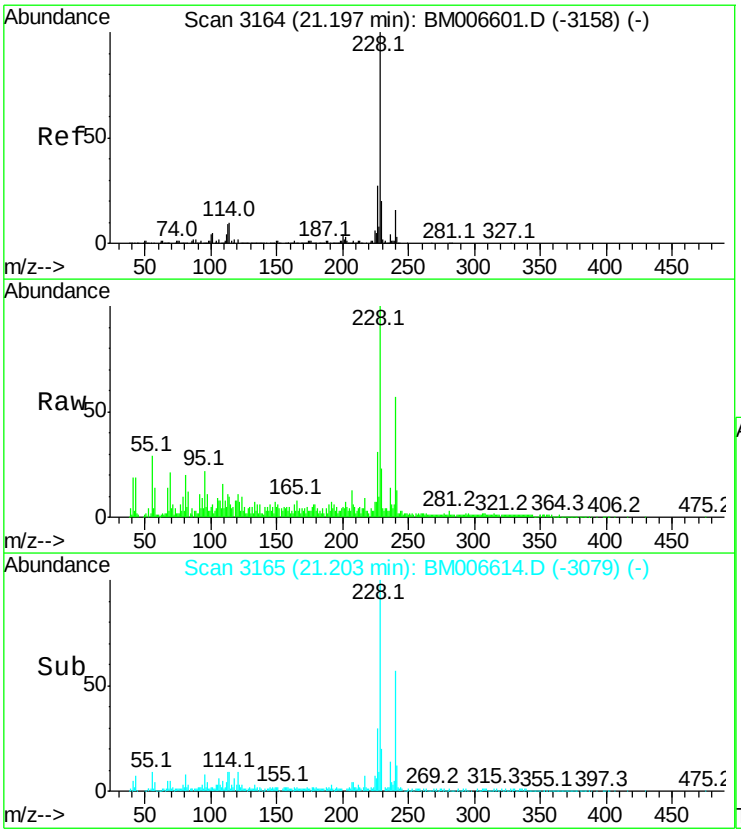
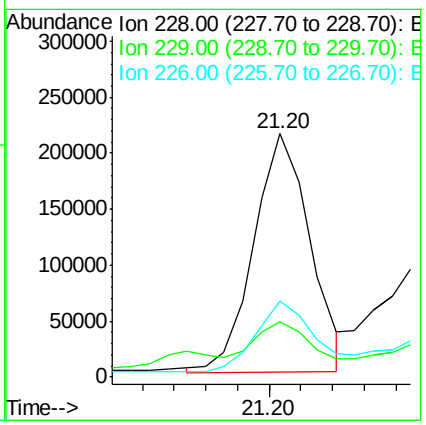


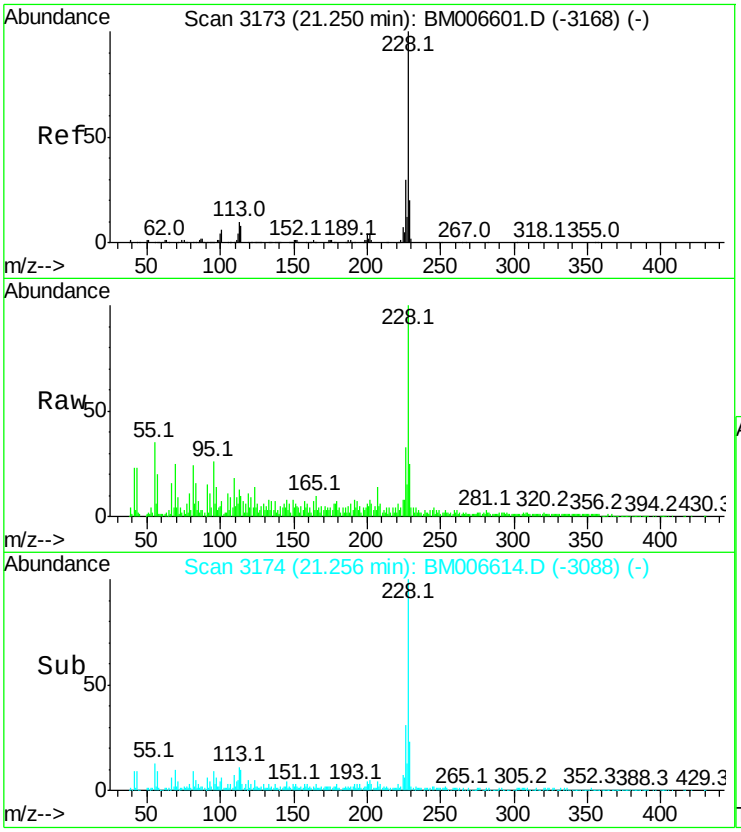


#32
Benzo(a)anthracene
Concen: 4.32 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:228 Resp: 262742

Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.6	25.0
226	31.1	21.0	31.4

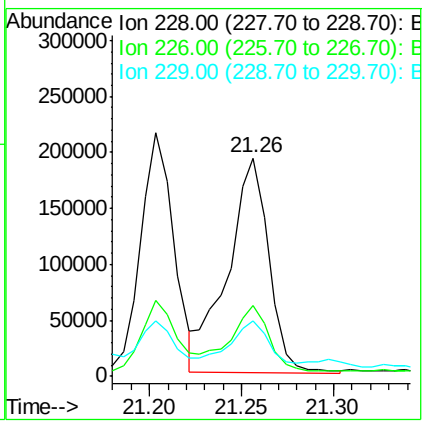




#33
Chrysene
Concen: 5.33 ng/ul m
RT: 21.26 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:228 Resp: 298837

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.4	35.2
229	25.3	16.2	24.2#



Instrument :
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ClientSampleId :
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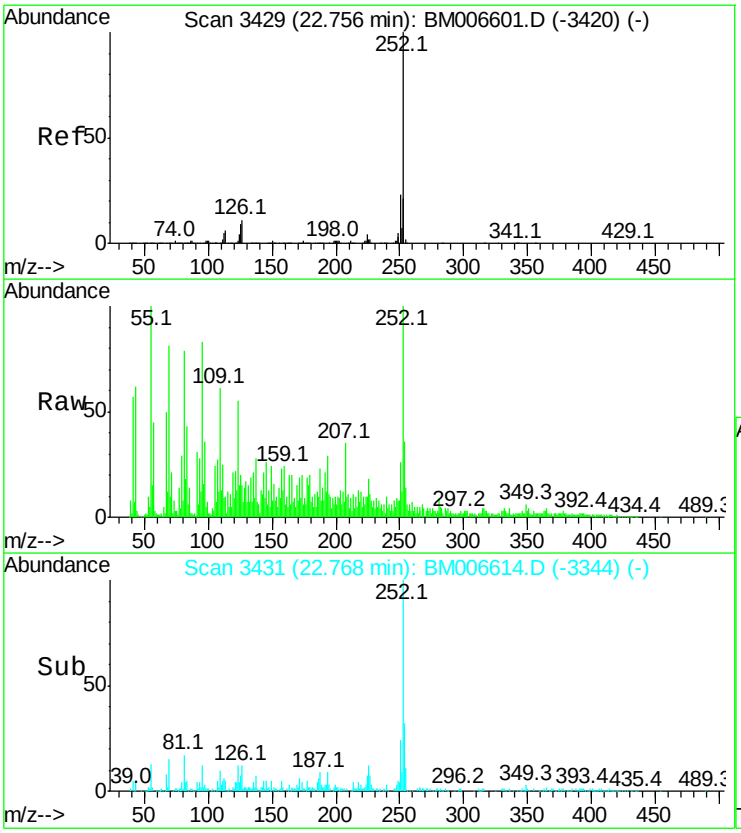
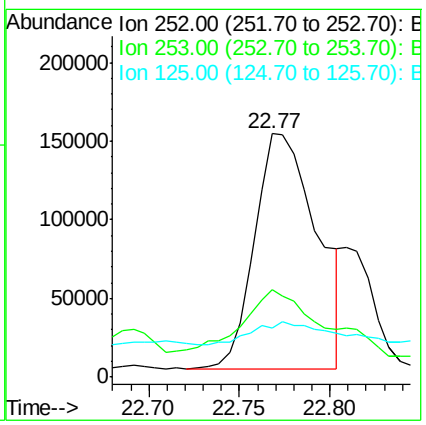
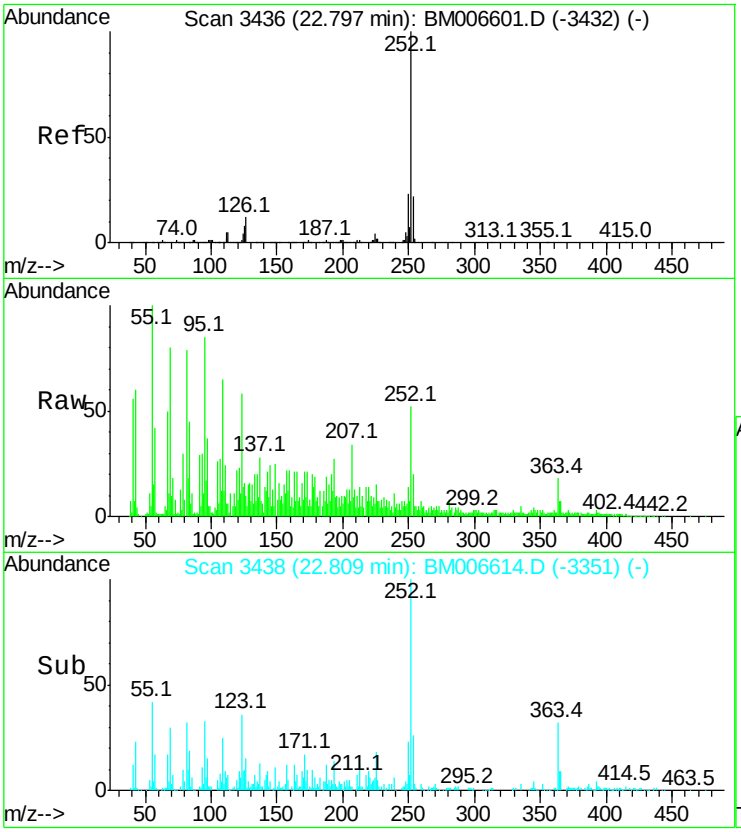


#35
Benzo(b)fluoranthene
Concen: 6.88 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:252 Resp: 359669

Ion	Ratio	Lower	Upper
252	100		
253	35.7	18.1	27.1#
125	20.1	7.6	11.4#





#36
Benzo(k)fluoranthene
Concen: 1.91 ng/ul m
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:252 Resp: 96309

Ion	Ratio	Lower	Upper
252	100		
253	38.1	17.8	26.8#
125	31.5	7.7	11.5#

Instrument :
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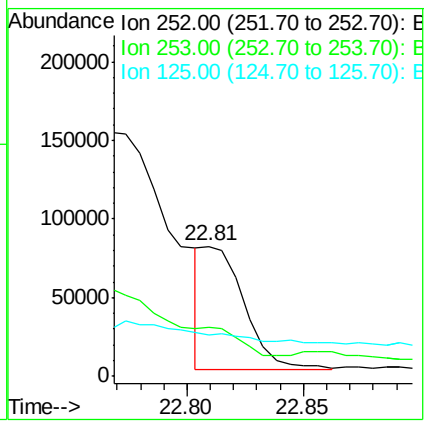
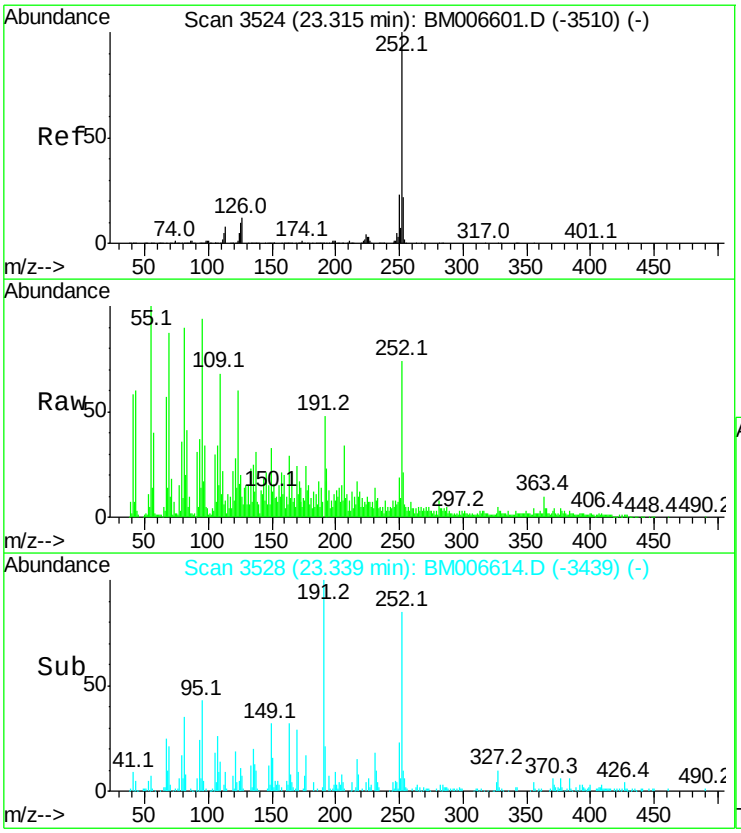
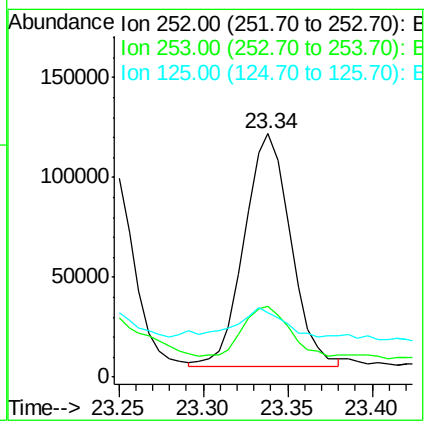


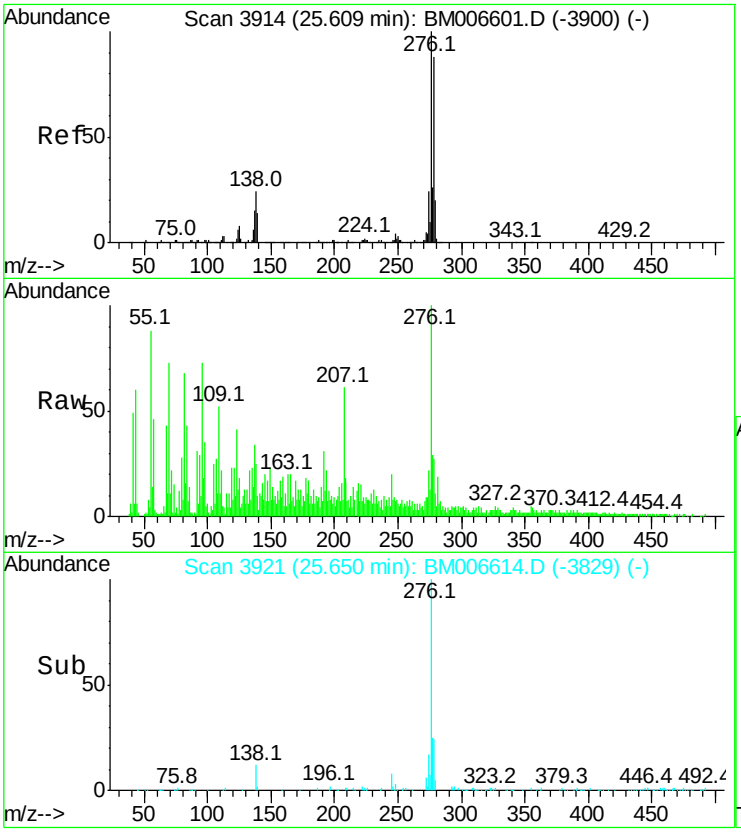


#38
Benzo(a)pyrene
Concen: 4.39 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.02 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:252 Resp: 223375

Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.4	26.0#
125	26.6	8.2	12.2#





#39
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng/ul
RT: 25.65 min Scan# 3921
Delta R.T. 0.04 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:276 Resp: 207838

Ion	Ratio	Lower	Upper
276	100		
138	24.6	15.8	23.6#
277	28.6	19.0	28.6

Instrument :
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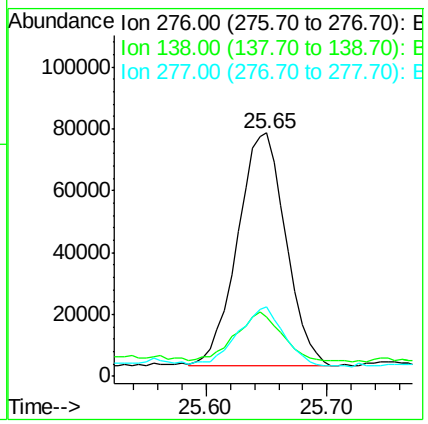
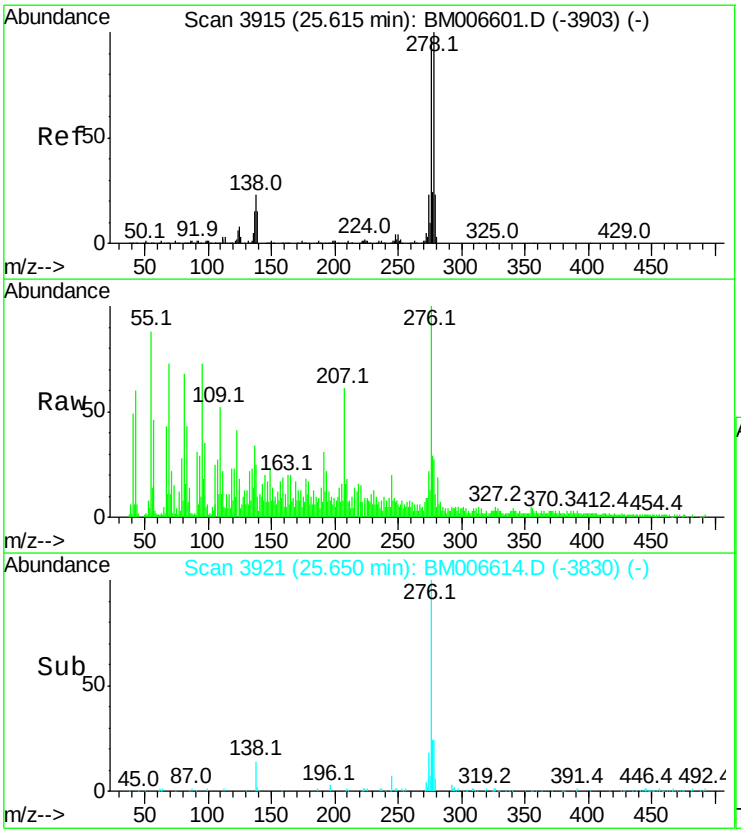
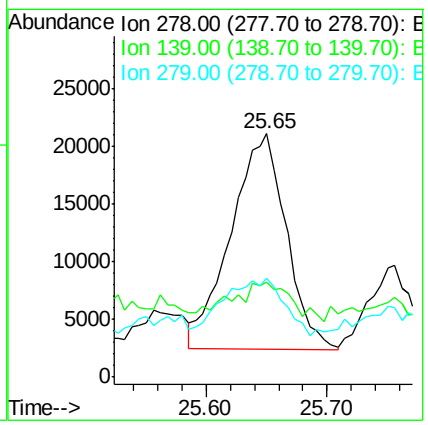


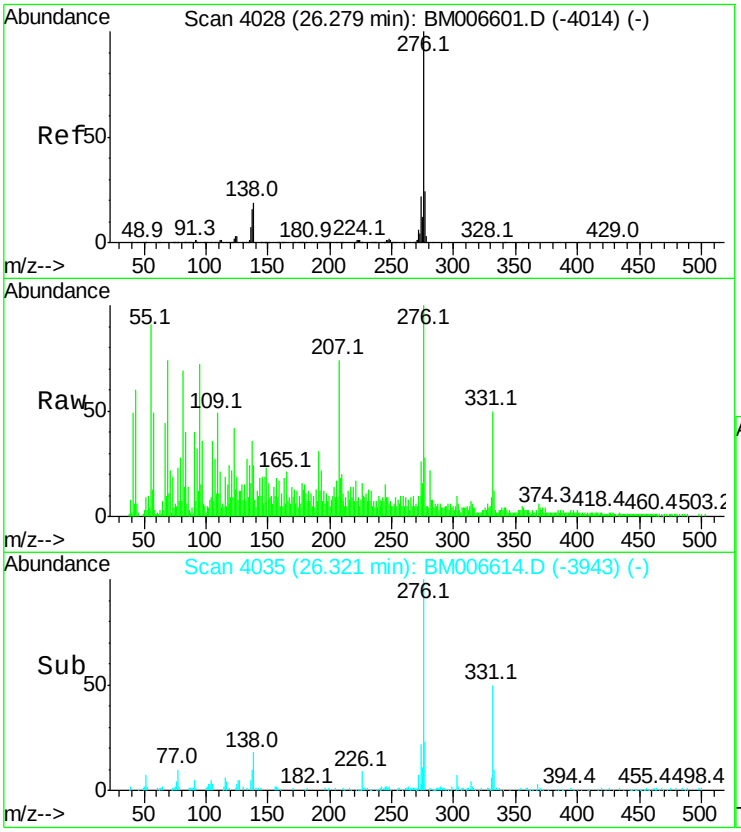


#40
Dibenzo(a,h)anthracene
Concen: 1.22 ng/ul
RT: 25.65 min Scan# 3921
Delta R.T. 0.04 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:278 Resp: 59633

Ion	Ratio	Lower	Upper
278	100		
139	39.0	12.1	18.1#
279	40.5	19.8	29.8#

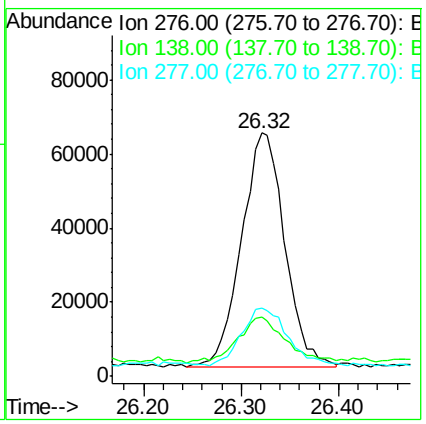




#41
Benzo(g,h,i)perylene
Concen: 3.88 ng/ul
RT: 26.32 min Scan# 4035
Delta R.T. 0.04 min
Lab File: BM006614.D
Acq: 22 Jul 2016 07:57

Tgt Ion:276 Resp: 195967

Ion	Ratio	Lower	Upper
276	100		
138	24.3	13.9	20.9#
277	27.9	19.8	29.6



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