Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006640.D
Acq On : 23 Jul 2016 00:54
Operator : UM/SJ
Sample : H4077-18DL 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT2DL

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Quant Time: Jul 23 03:20:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	199236	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	846701	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	460691	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	993945	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	998486	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1111171	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	497	0.10	ng/uL	0.00
3) Phenol-d5	6.81	99	26468	1.56	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.96	67	17949	1.71	ng/ul	0.01
5) 2-Chlorophenol-d4	7.16	132	20064	1.48	ng/ul	0.00
6) 4-Methylphenol-d8	8.34	113	19008	1.45	ng/ul	0.01
8) Nitrobenzene-d5	8.78	128	10564	1.65	ng/ul	0.01
9) 2-Nitrophenol-d4	9.49	143	9080	1.33	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.04	165	19372	1.50	ng/ul	0.02
12) 4-Chloroaniline-d4	10.55	131	15171m	1.07	ng/ul	0.02
16) Dimethylphthalate-d6	13.69	166	60003	1.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	79194	1.72	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	7084m	1.13	ng/ul	0.04
21) Fluorene-d10	15.27	176	57415	1.78	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
26) Anthracene-d10	17.12	188	86494	1.83	ng/ul	0.00
30) Pyrene-d10	19.43	212	93864	2.06	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	88799	1.74	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	337567	6.84	ng/ul	96
25) Phenanthrene	17.07	178	160491	2.87	ng/ul	97
27) Anthracene	17.16	178	443772	7.71	ng/ul	98
28) Fluoranthene	19.09	202	654324	9.96	ng/ul	99
31) Pyrene	19.46	202	1074574	17.77	ng/ul	97
32) Benzo(a)anthracene	21.21	228	881284	14.56	ng/ul	95
33) Chrysene	21.26	228	1174234m	21.05	ng/ul	
35) Benzo(b)fluoranthene	22.78	252	3358942	50.43	ng/ul	100
36) Benzo(k)fluoranthene	22.81	252	973653m	15.12	ng/ul	
38) Benzo(a)pyrene	23.34	252	1786586	27.56	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	1551208	20.66	ng/ul	99
40) Dibenzo(a,h)anthracene	25.64	278	469802m	7.55	ng/ul	
41) Benzo(g,h,i)perylene	26.33	276	1265793	19.67	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006640.D
Acq On : 23 Jul 2016 00:54
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Sample : H4077-18DL 10X
Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
D9YT2DL

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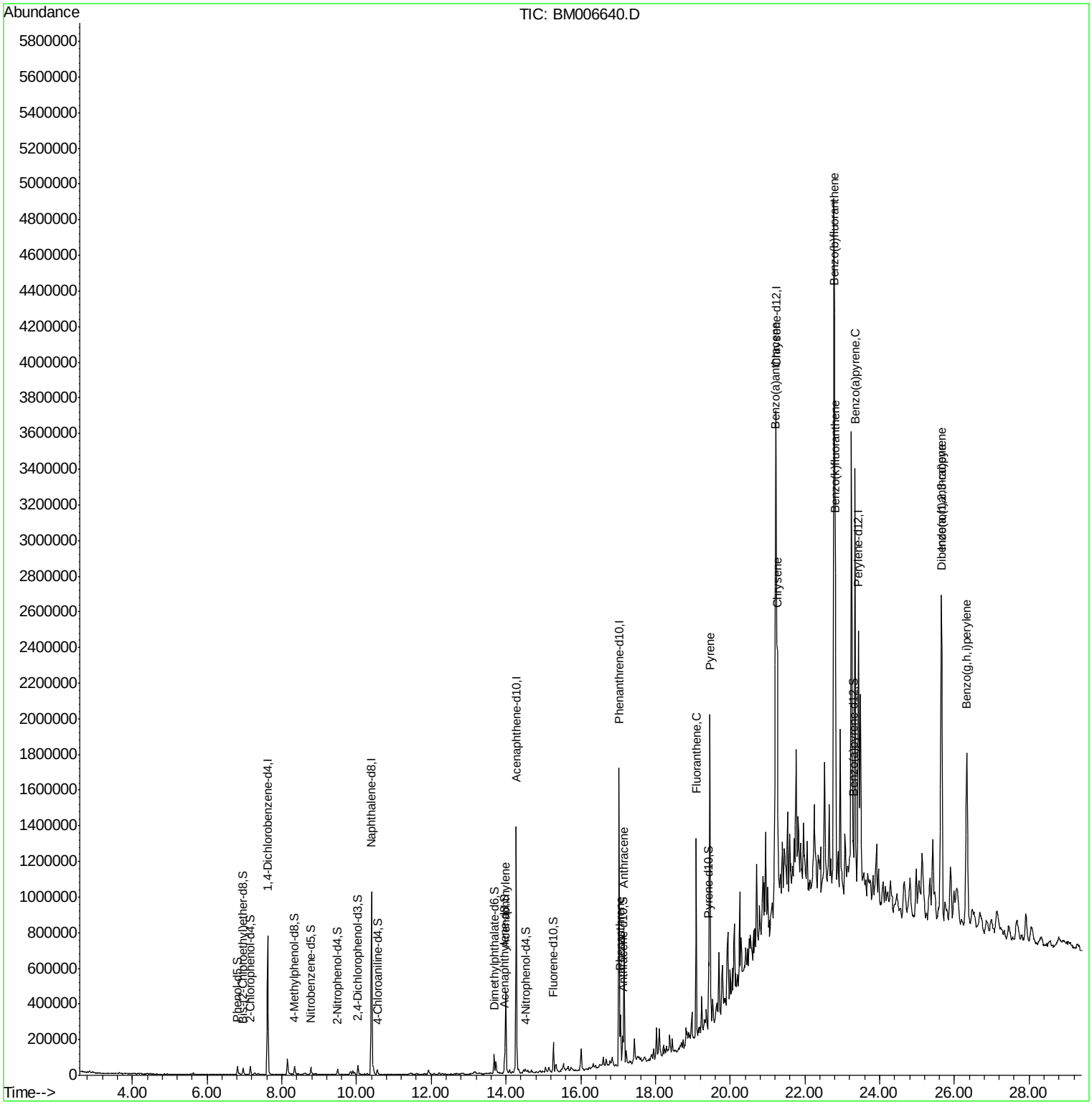
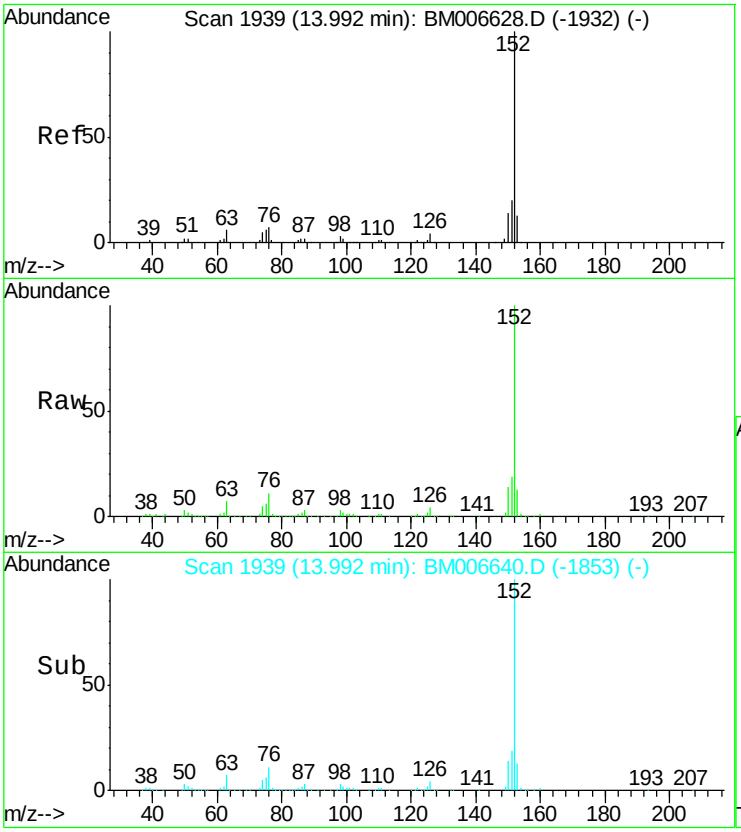
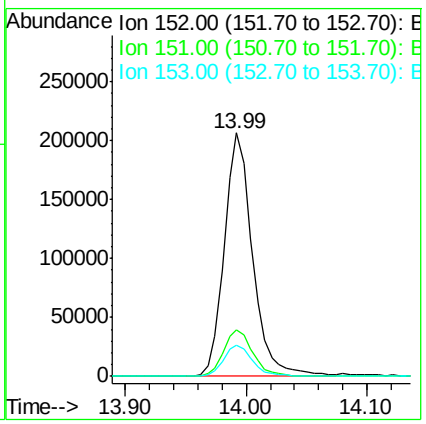




#18
Acenaphthylene
Concen: 6.84 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:152 Resp: 337567

Ion	Ratio	Lower	Upper
152	100		
151	19.0	17.3	25.9
153	12.9	11.1	16.7



Instrument :
BNA_M
ClientSampleId :
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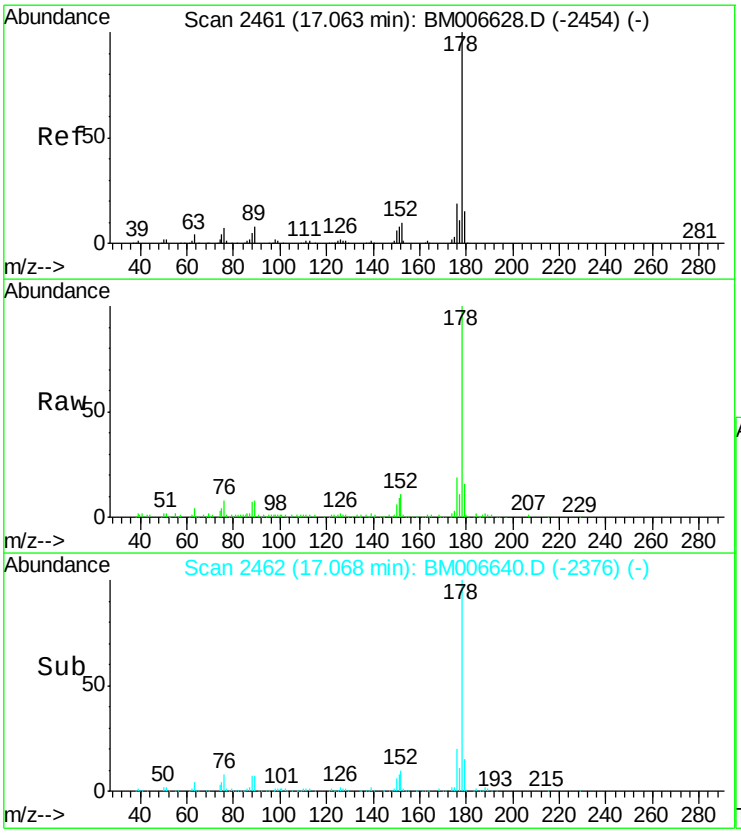
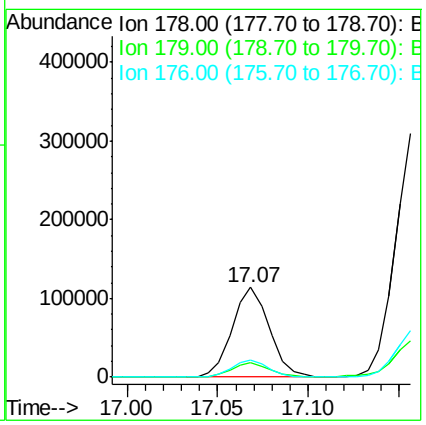
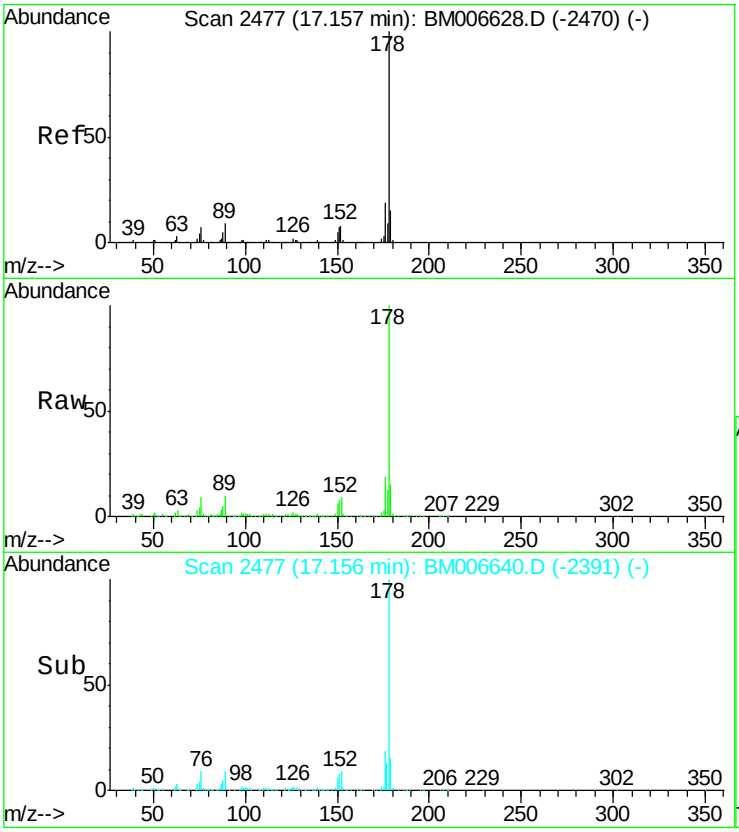


#25
Phenanthrene
Concen: 2.87 ng/ul
RT: 17.07 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:178 Resp: 160491

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	19.5	14.8	22.2

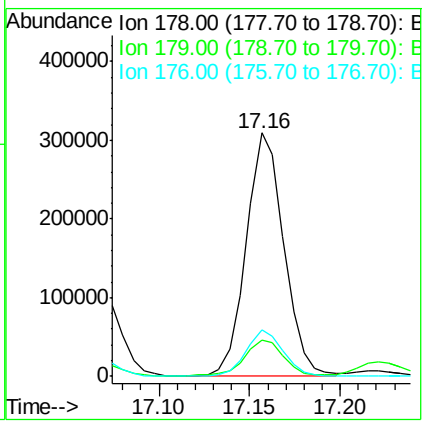




#27
Anthracene
Concen: 7.71 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:178 Resp: 443772

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	19.1	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
D9YT2DL

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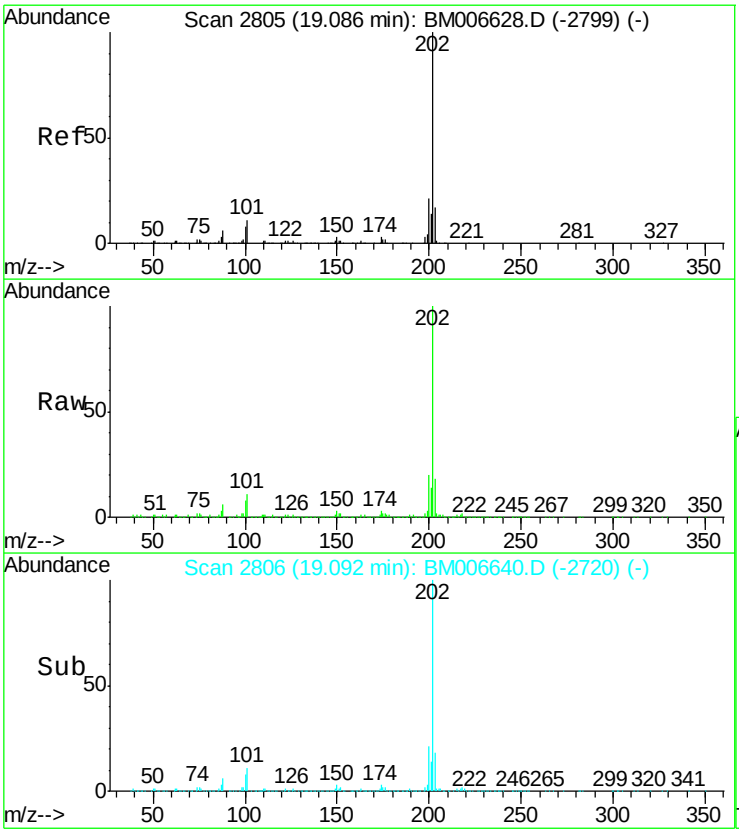
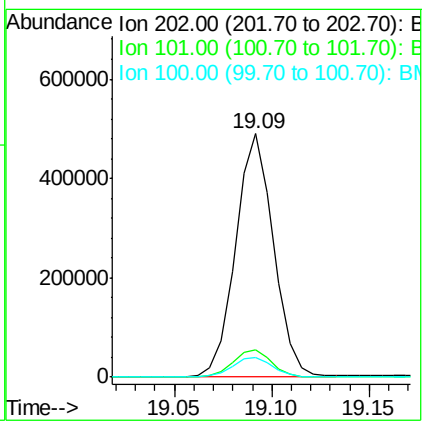
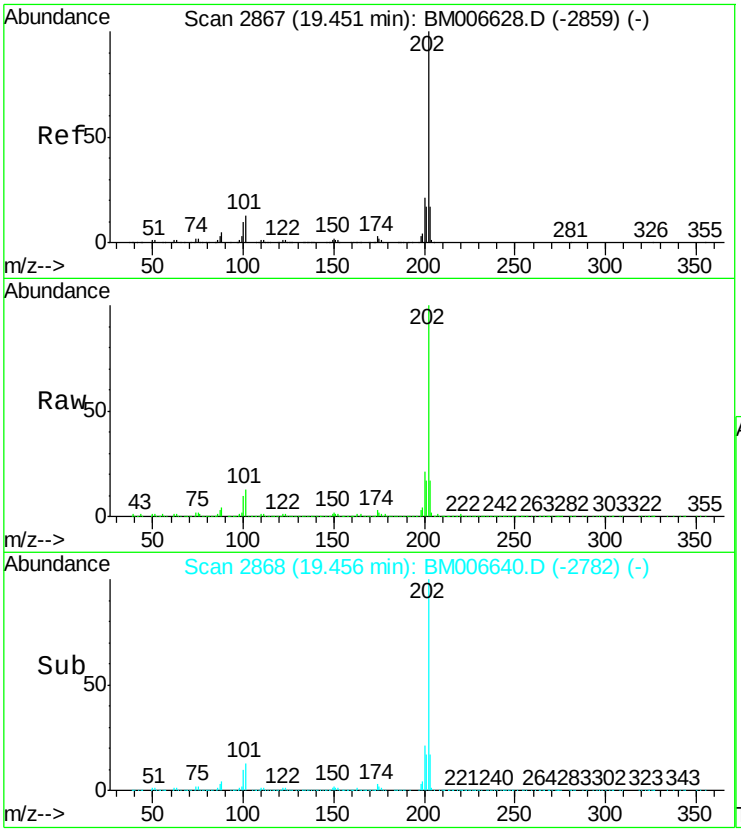


#28
Fluoranthene
Concen: 9.96 ng/ul
RT: 19.09 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:202 Resp: 654324

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	7.9	7.0	10.4

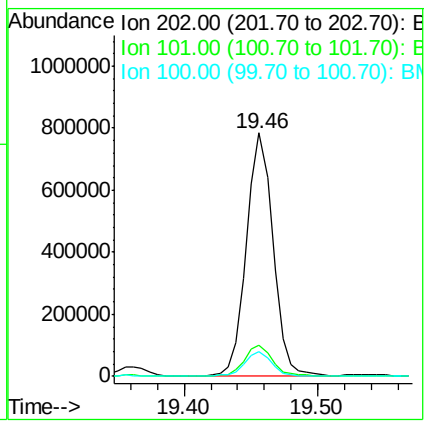




#31
Pyrene
Concen: 17.77 ng/ul
RT: 19.46 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:202 Resp: 1074574

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.1	9.3	13.9



Instrument :
BNA_M
ClientSampleId :
D9YT2DL

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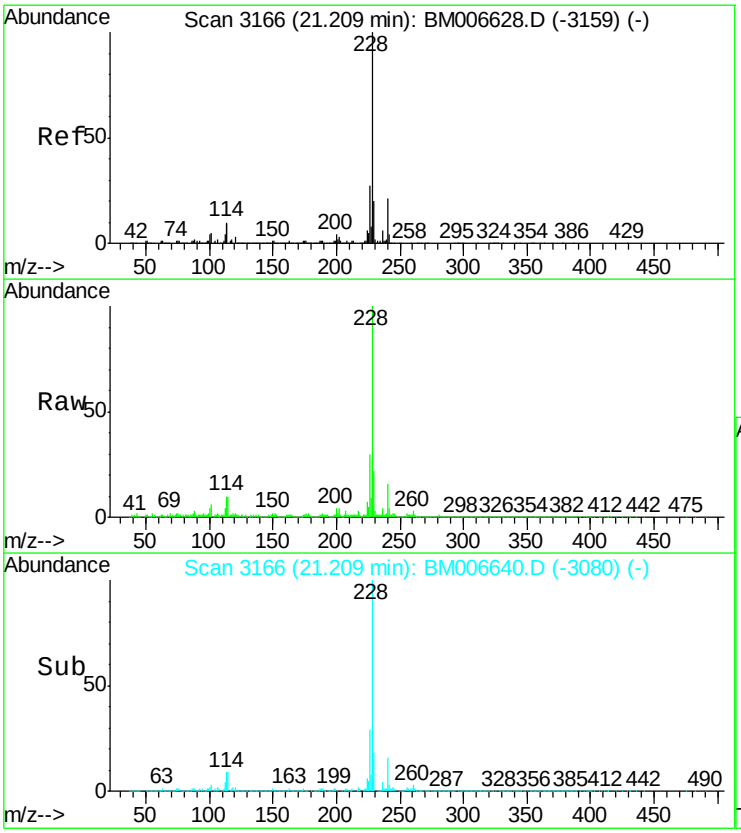
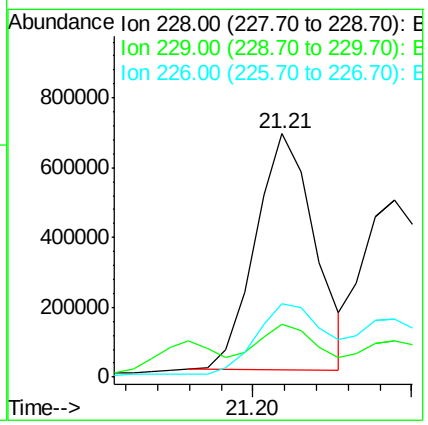
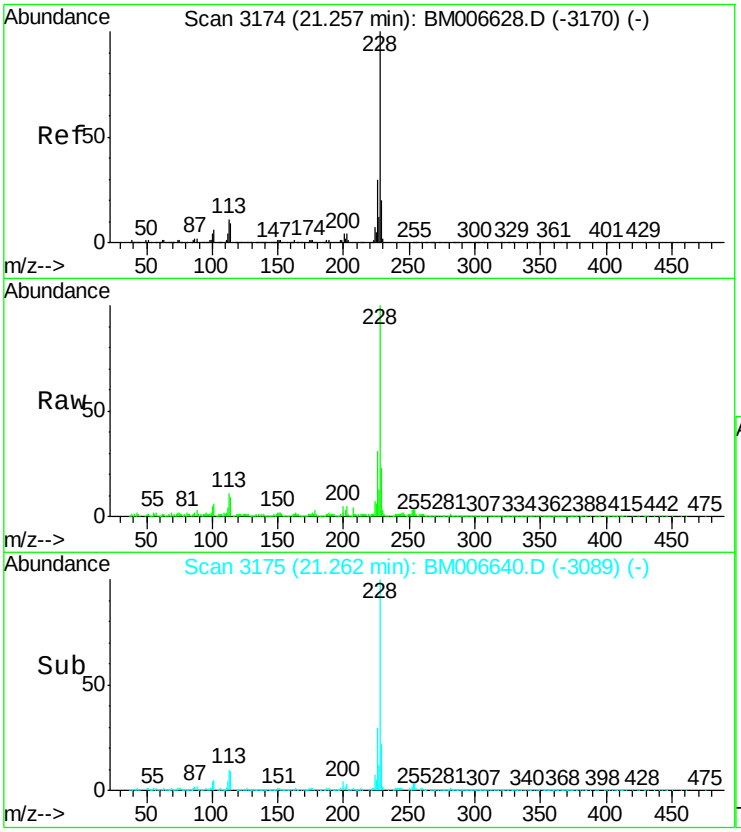


#32
Benzo(a)anthracene
Concen: 14.56 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:228 Resp: 881284

Ion	Ratio	Lower	Upper
228	100		
229	21.7	16.6	25.0
226	30.0	21.0	31.4

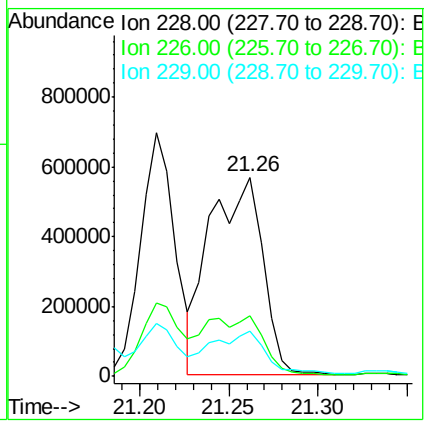




#33
Chrysene
Concen: 21.05 ng/ul m
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:228 Resp: 1174234

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	22.5	16.2	24.2



Instrument :
BNA_M
ClientSampleId :
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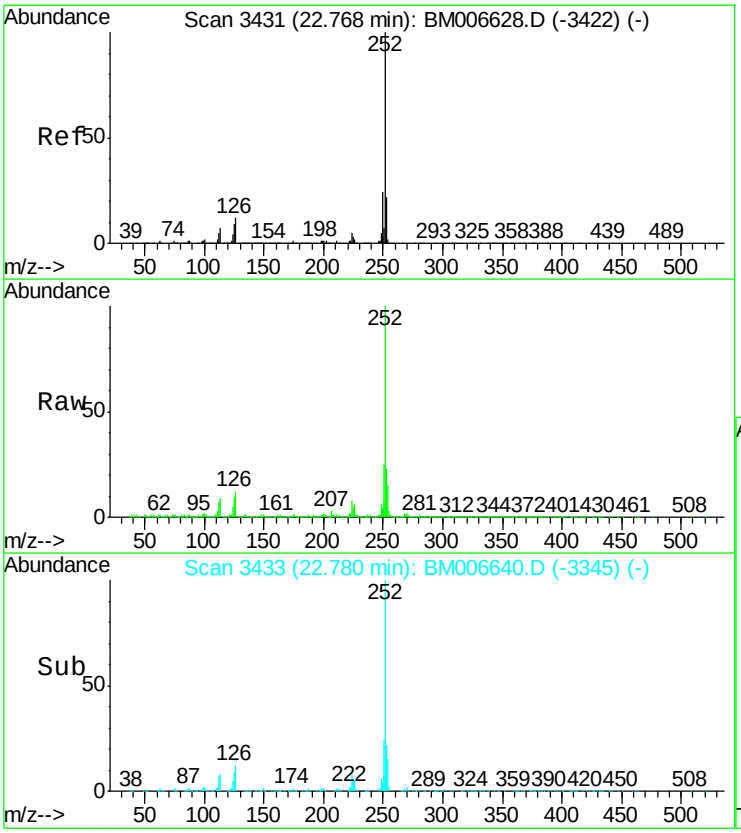
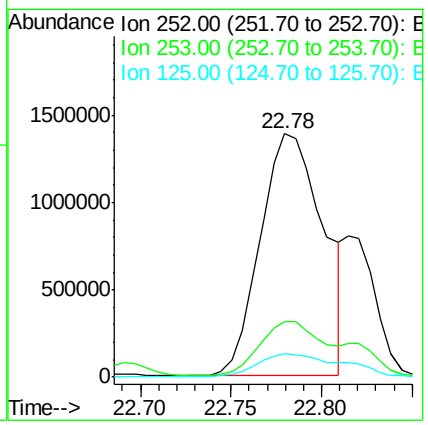
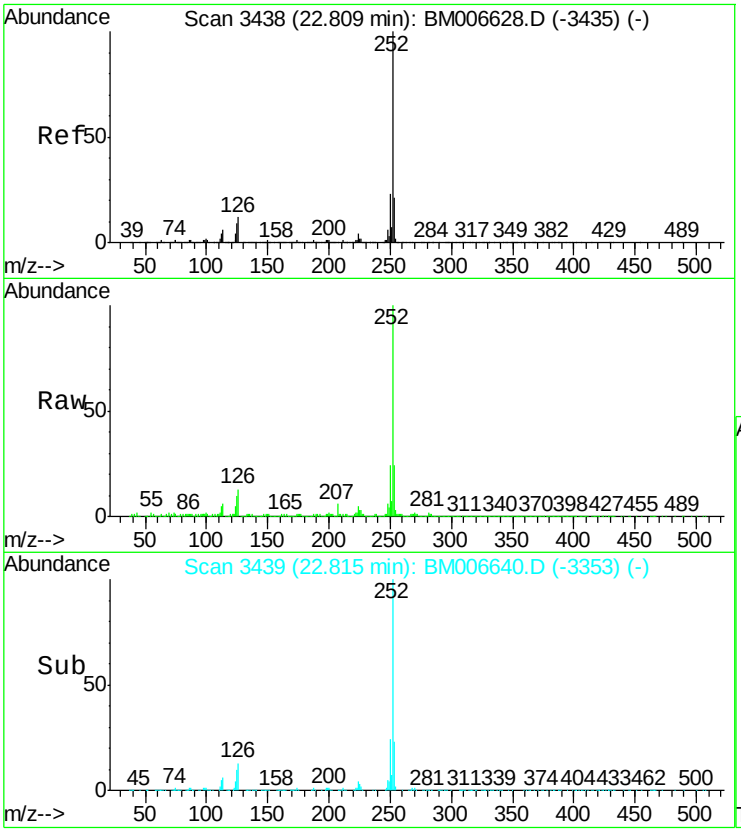


#35
Benzo(b)fluoranthene
Concen: 50.43 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:252 Resp: 3358942

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	9.7	7.6	11.4

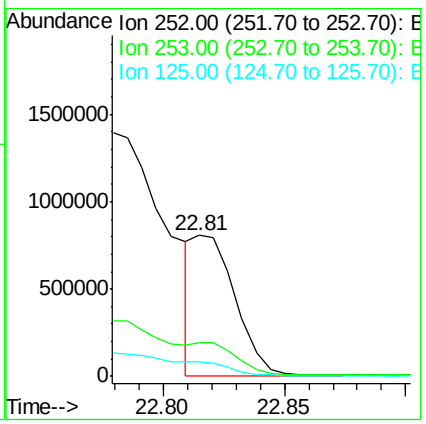




#36
Benzo(k)fluoranthene
Concen: 15.12 ng/ul m
RT: 22.81 min Scan# 3439
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:252 Resp: 973653

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.8
125	10.1	7.7	11.5



Instrument :
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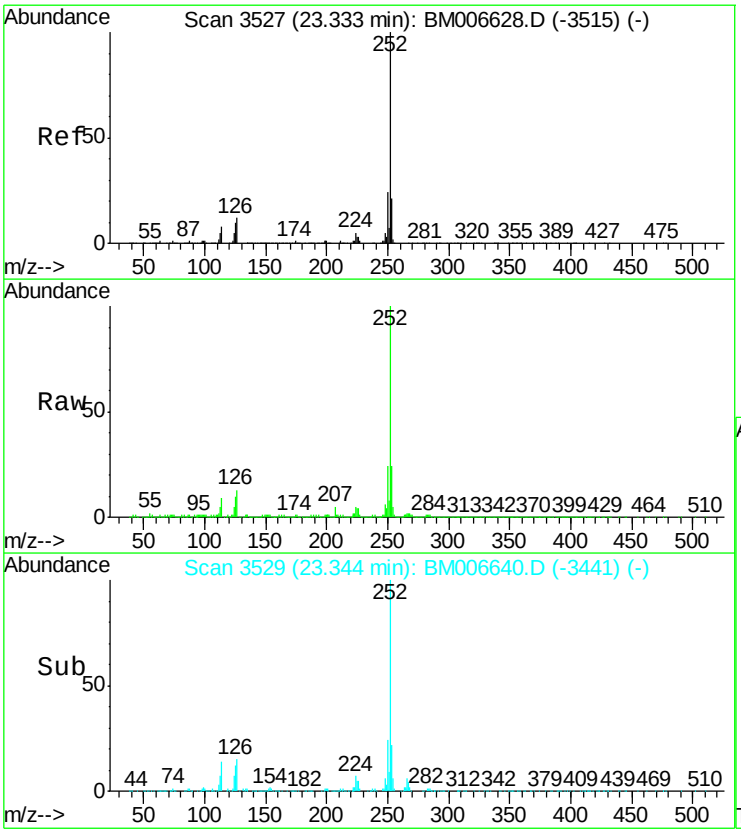
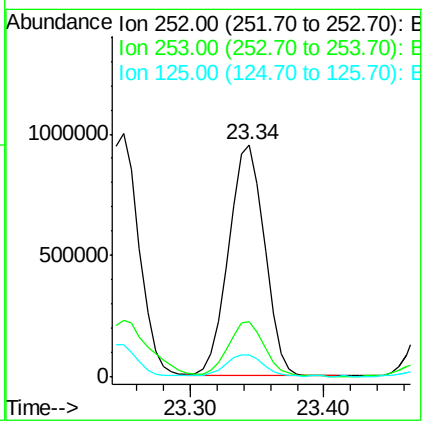
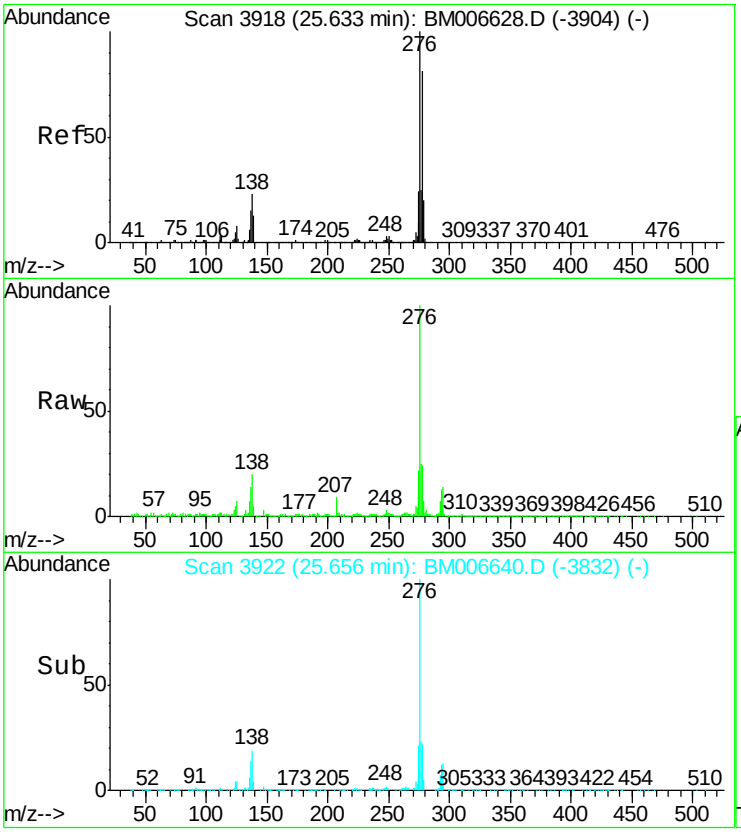


#38
Benzo(a)pyrene
Concen: 27.56 ng/ul
RT: 23.34 min Scan# 3529
Delta R.T. 0.02 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:252 Resp: 1786586

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.8	8.2	12.2

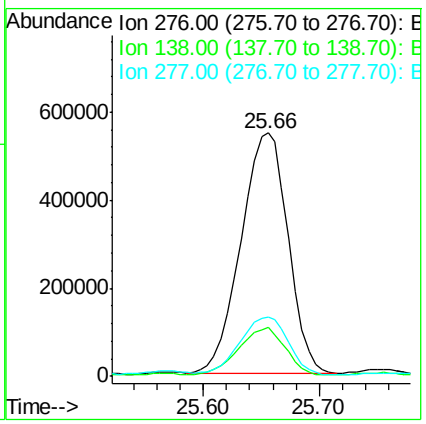




#39
Indeno(1,2,3-cd)pyrene
Concen: 20.66 ng/ul
RT: 25.66 min Scan# 3922
Delta R.T. 0.03 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:276 Resp: 1551208

Ion	Ratio	Lower	Upper
276	100		
138	20.1	15.8	23.6
277	24.6	19.0	28.6



Instrument :
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ClientSampleId :
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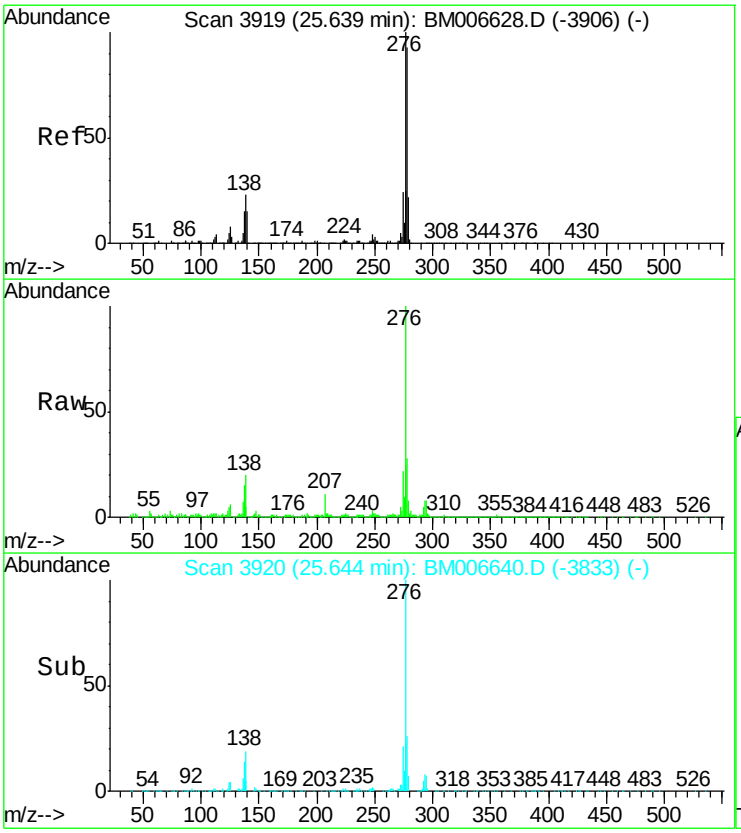
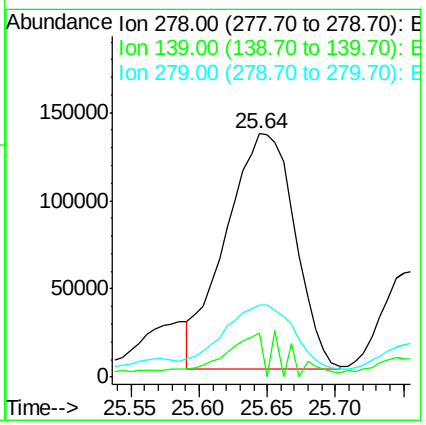
7/25/2016 6:39:24 PM

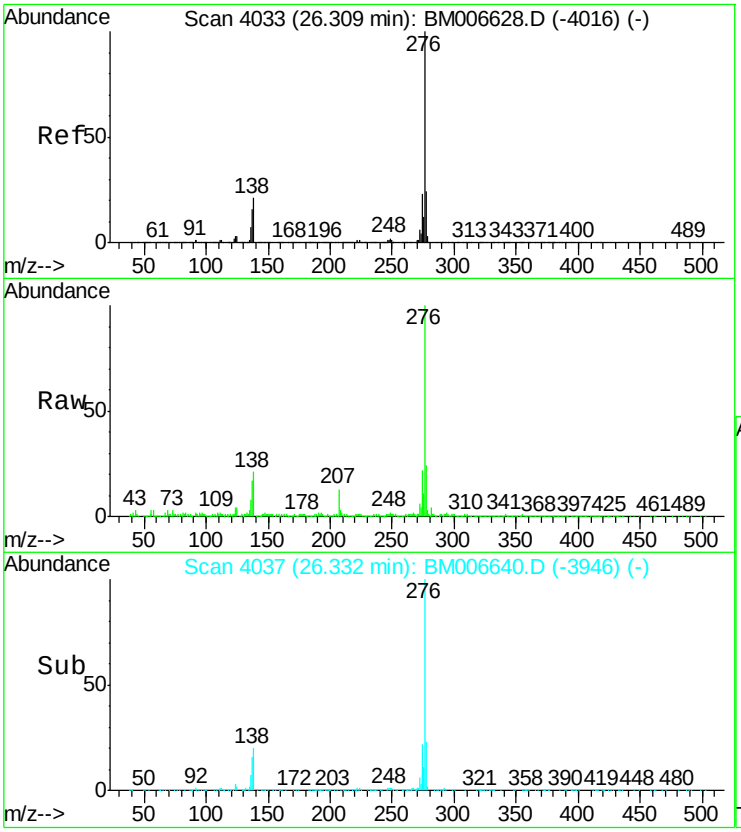


#40
Dibenzo(a,h)anthracene
Concen: 7.55 ng/ul m
RT: 25.64 min Scan# 3920
Delta R.T. 0.01 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:278 Resp: 469802

Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.1	18.1#
279	29.4	19.8	29.8

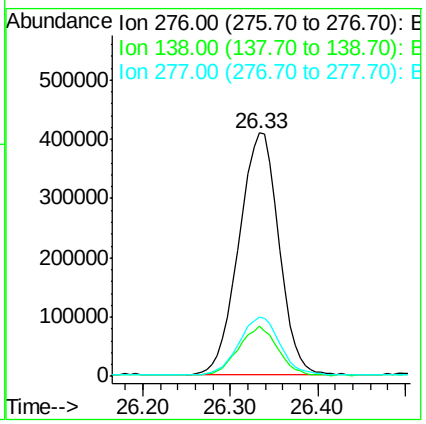




#41
Benzo(g,h,i)perylene
Concen: 19.67 ng/ul
RT: 26.33 min Scan# 4037
Delta R.T. 0.04 min
Lab File: BM006640.D
Acq: 23 Jul 2016 00:54

Tgt Ion:276 Resp: 1265793

Ion	Ratio	Lower	Upper
276	100		
138	20.6	13.9	20.9
277	24.3	19.8	29.6



Instrument :
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ClientSampleId :
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