Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005870.D
Acq On : 17 Jun 2016 20:35
Operator : UM/SJ
Sample : H3537-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y43

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Quant Time: Jun 17 23:27:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	17722	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	79945	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.39	164	50626	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.13	188	118810	20.00	ng/ul	0.01
29) Chrysene-d12	21.32	240	120520	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	106126	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	449	3.28	ng/uL	0.00
3) Phenol-d5	6.93	99	29822	20.10	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	16333	21.24	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	28063	22.68	ng/ul	0.01
6) 4-Methylphenol-d8	8.46	113	23513	17.73	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	13944	24.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	16611	24.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	32506	23.87	ng/ul	0.01
12) 4-Chloroaniline-d4	10.67	131	20721m	22.48	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	117043	24.44	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	140606	25.48	ng/ul	0.00
20) 4-Nitrophenol-d4	14.66	143	6416	11.12	ng/ul	0.04
21) Fluorene-d10	15.38	176	101662	24.91	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	6926	8.64	ng/ul	0.02
26) Anthracene-d10	17.23	188	156407	25.21	ng/ul	0.01
30) Pyrene-d10	19.53	212	171801	30.07	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.43	264	138556	26.11	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	50999	7.21	ng/ul	99
27) Anthracene	17.26	178	8411m	1.16	ng/ul	
28) Fluoranthene	19.19	202	166311	18.71	ng/ul	99
31) Pyrene	19.56	202	239132	33.57	ng/ul	99
32) Benzo(a)anthracene	21.30	228	107516	14.28	ng/ul	97
33) Chrysene	21.36	228	135049	18.63	ng/ul	95
35) Benzo(b)fluoranthene	22.90	252	109726	16.61	ng/ul#	97
36) Benzo(k)fluoranthene	22.94	252	29548m	4.63	ng/ul	
38) Benzo(a)pyrene	23.48	252	70603	10.89	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.87	276	39834	5.02	ng/ul	99
40) Dibenzo(a,h)anthracene	25.87	278	13803m	2.12	ng/ul	
41) Benzo(g,h,i)perylene	26.58	276	38266	5.67	ng/ul	97

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

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Instrument :
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ClientSampleId :
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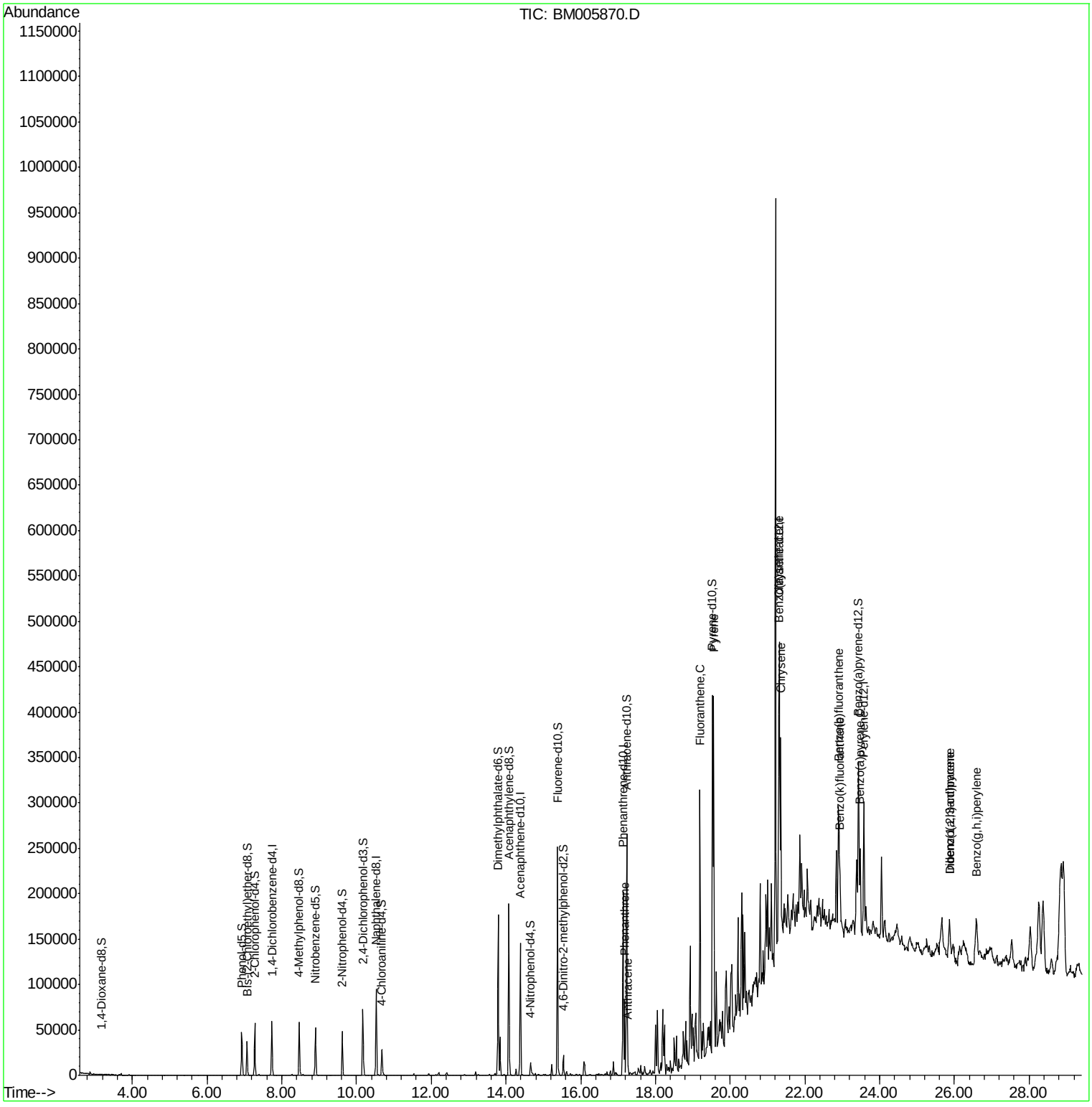
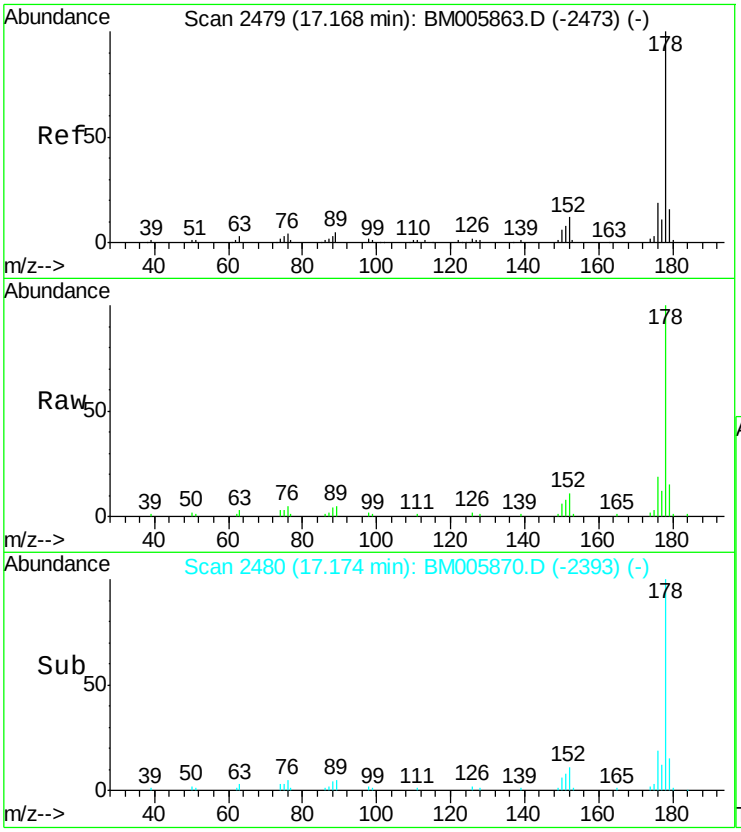
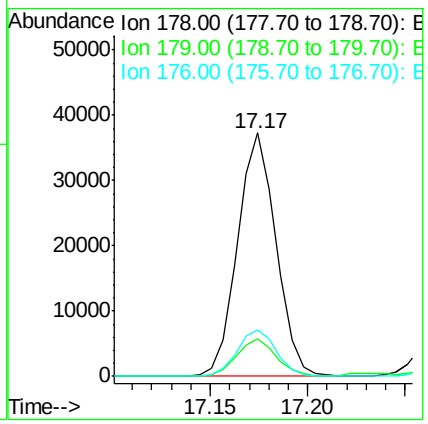




#25
Phenanthrene
Concen: 7.21 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:178 Resp: 50999

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	19.1	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
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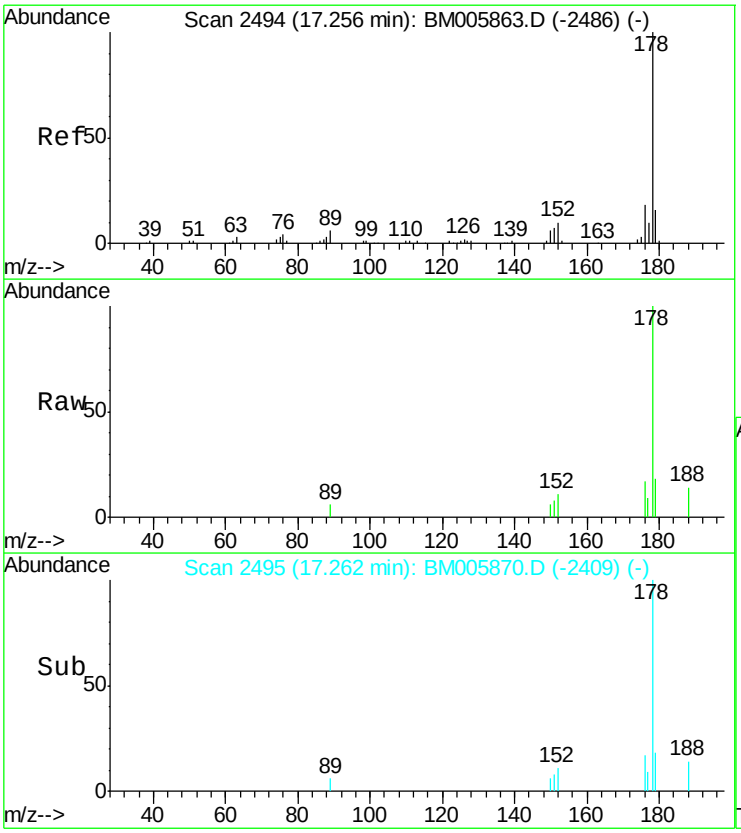
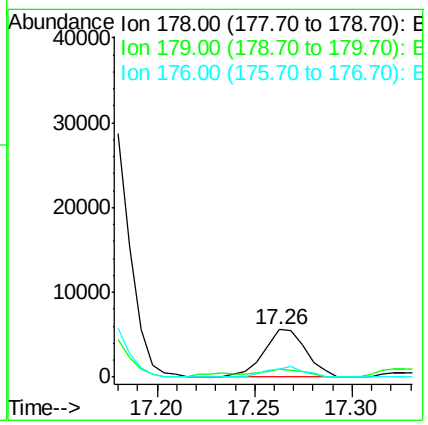
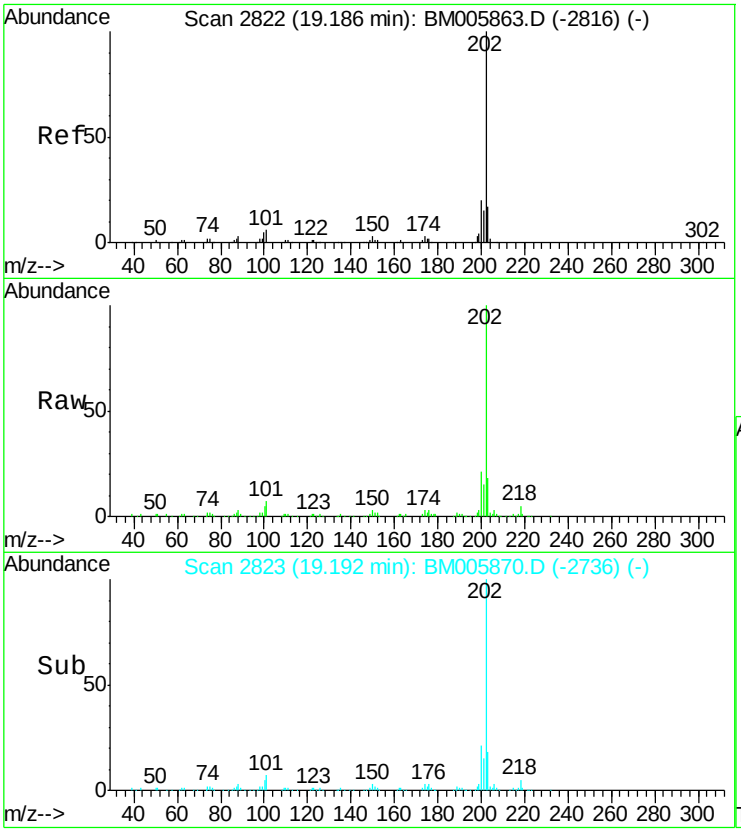


#27
Anthracene
Concen: 1.16 ng/ul m
RT: 17.26 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:178 Resp: 8411

Ion	Ratio	Lower	Upper
178	100		
179	18.0	11.9	17.9#
176	17.4	14.8	22.2

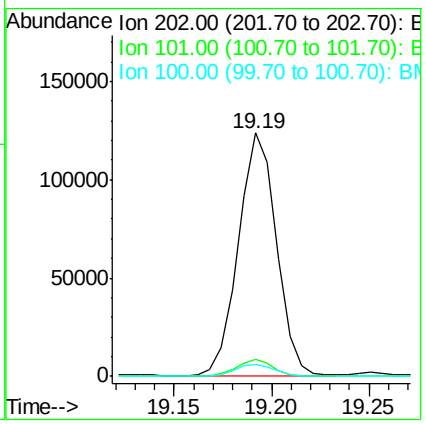




#28
Fluoranthene
Concen: 18.71 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:202 Resp: 166311

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.1	4.2	6.2



Instrument :
BNA_M
ClientSampleId :
D9Y43

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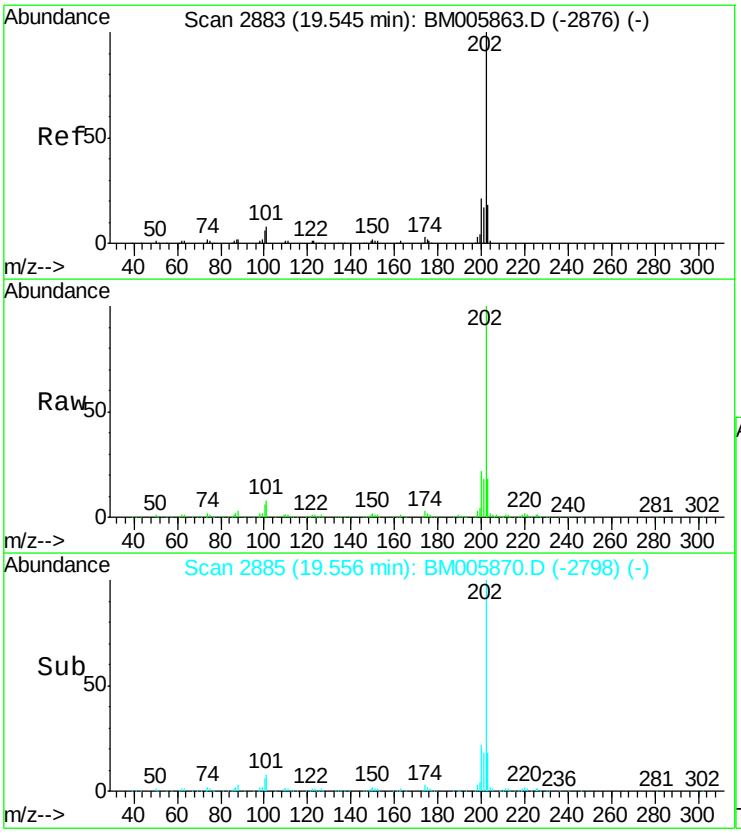
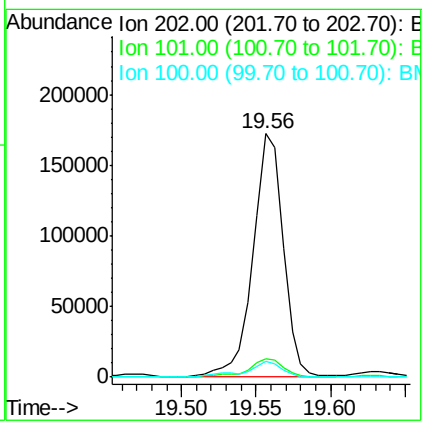
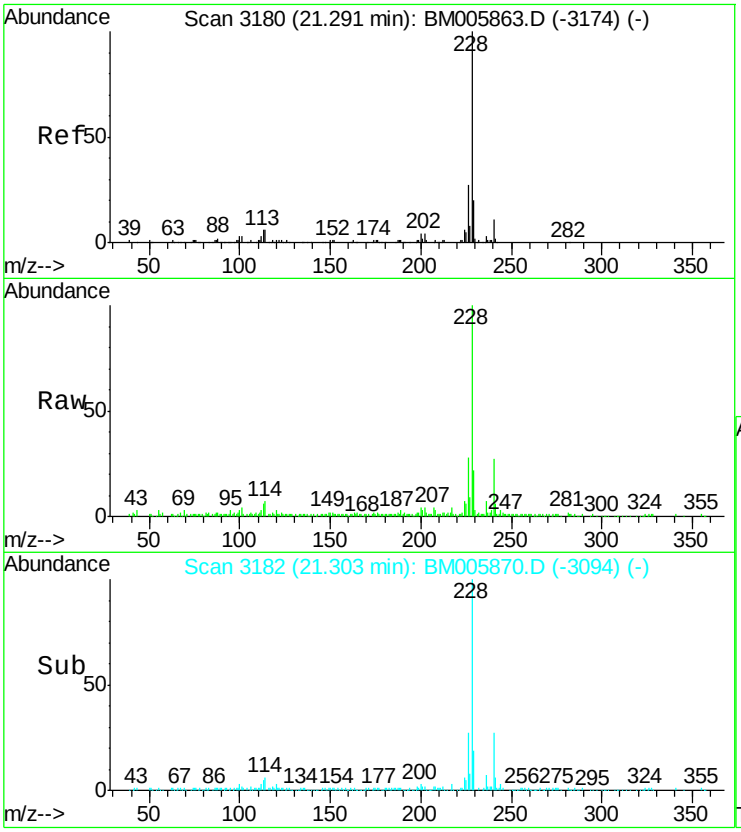


#31
Pyrene
Concen: 33.57 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:202 Resp: 239132

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
100	6.2	5.4	8.2

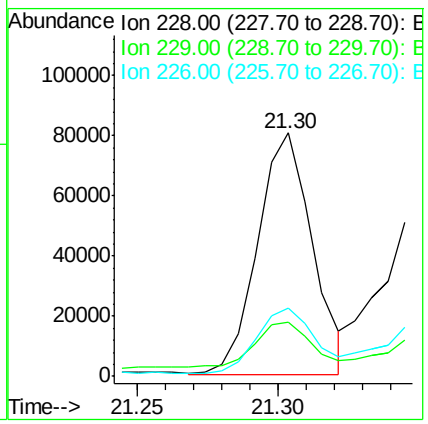




#32
Benzo(a)anthracene
Concen: 14.28 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:228 Resp: 107516

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	27.9	21.8	32.6



Instrument :
BNA_M
ClientSampleId :
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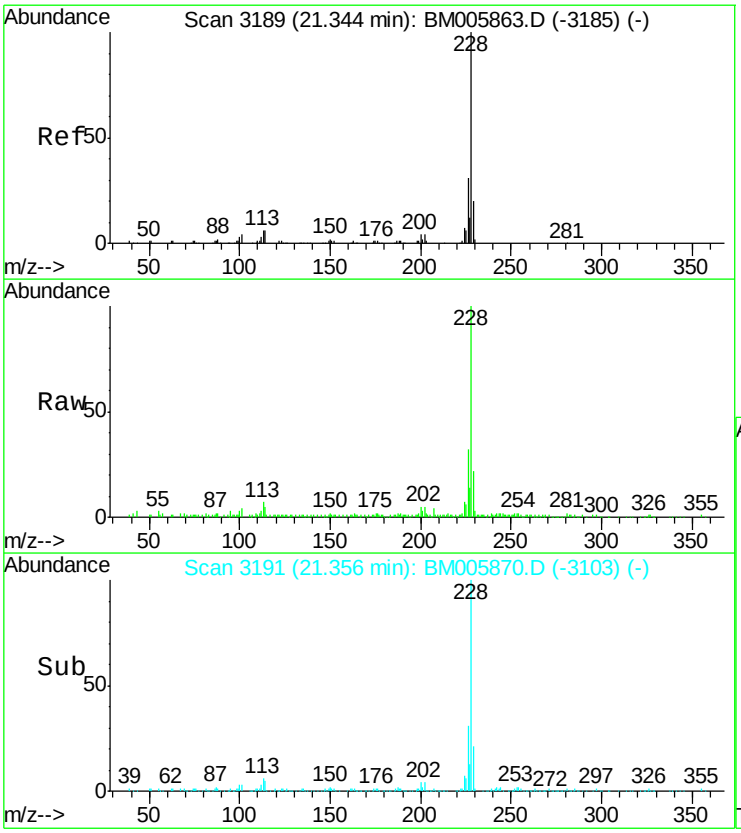
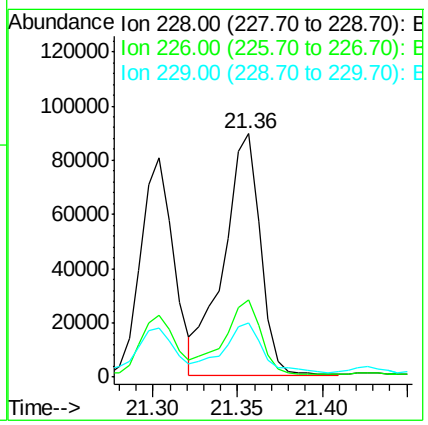
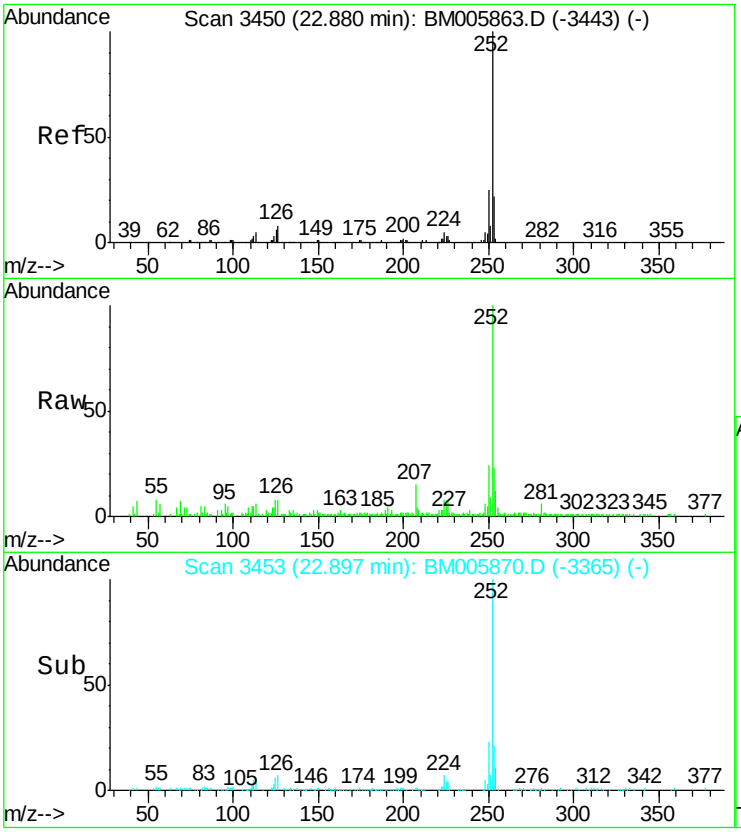


#33
Chrysene
Concen: 18.63 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:228 Resp: 135049

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.5	35.3
229	22.0	15.4	23.0

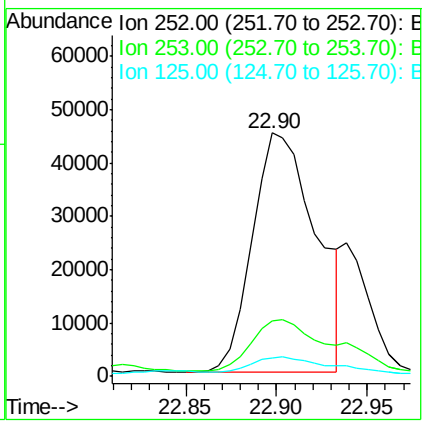




#35
Benzo(b)fluoranthene
Concen: 16.61 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:252 Resp: 109726

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.7	4.9	7.3#



Instrument :
BNA_M
ClientSampleId :
D9Y43

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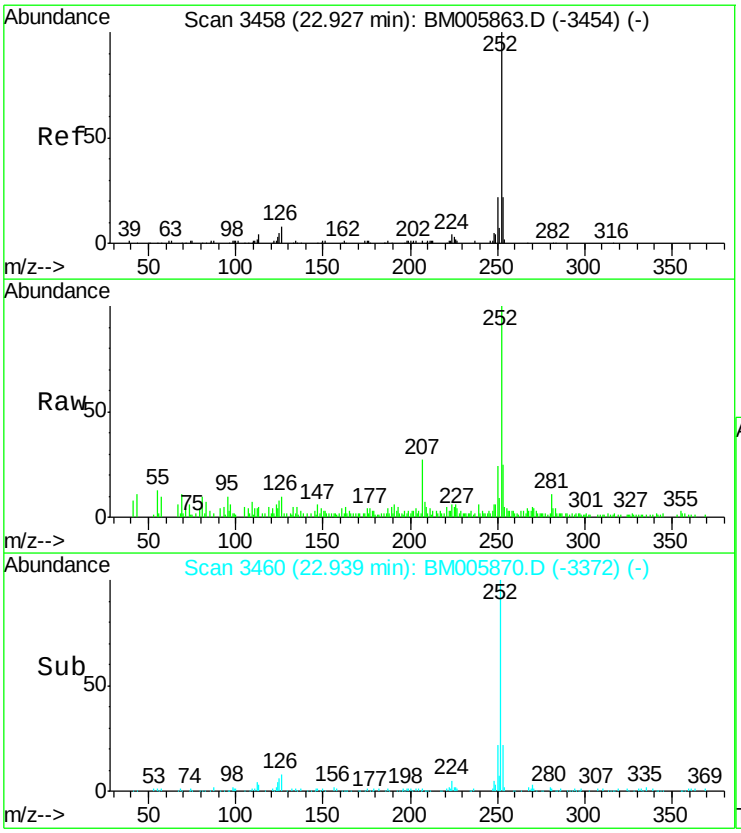
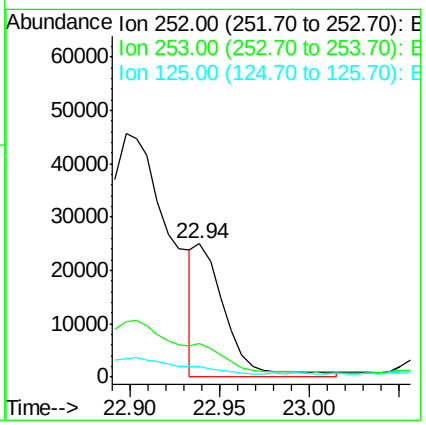
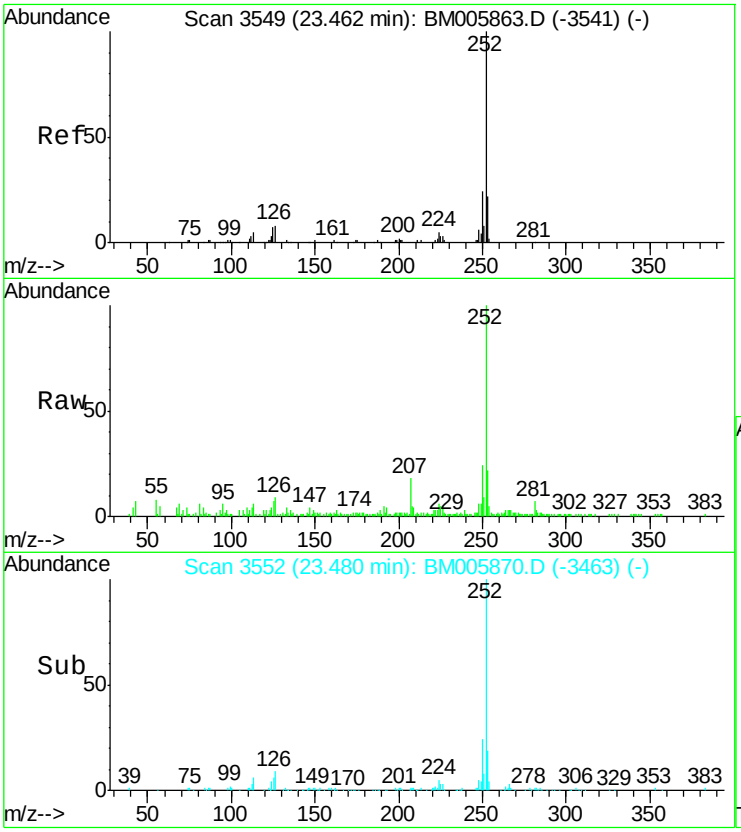


#36
Benzo(k)fluoranthene
Concen: 4.63 ng/ul m
RT: 22.94 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:252 Resp: 29548

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.5	26.3
125	8.3	4.8	7.2#

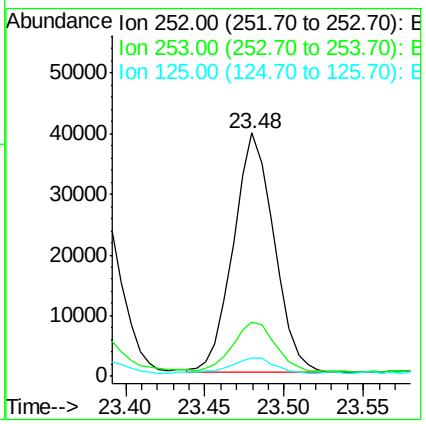




#38
Benzo(a)pyrene
Concen: 10.89 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:252 Resp: 70603

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	7.5	5.1	7.7



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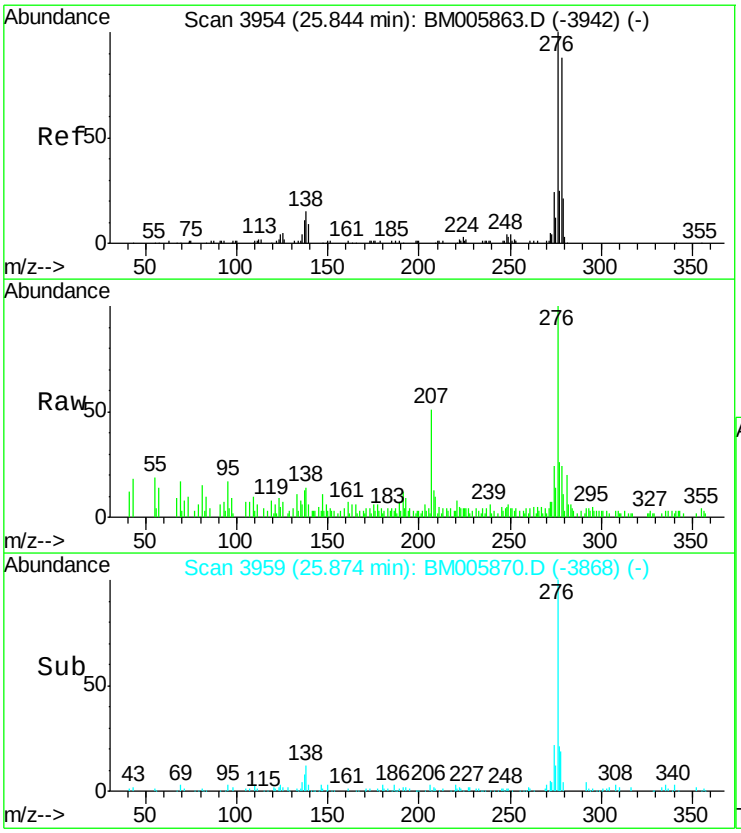
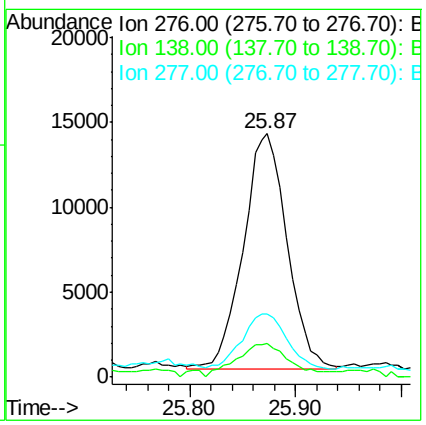
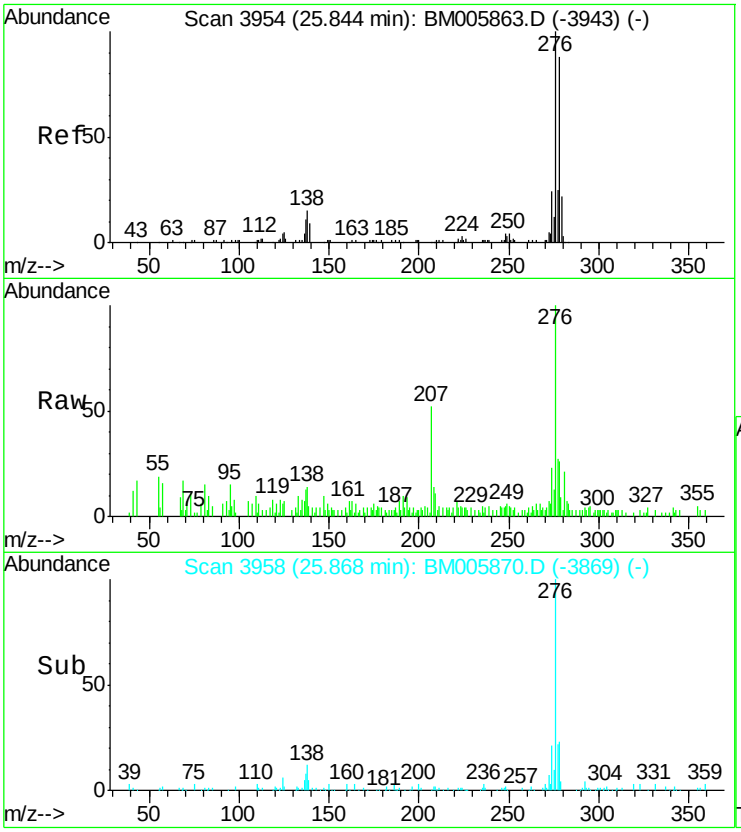


#39
Indeno(1,2,3-cd)pyrene
Concen: 5.02 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.04 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:276 Resp: 39834

Ion	Ratio	Lower	Upper
276	100		
138	13.9	11.9	17.9
277	25.9	21.0	31.6

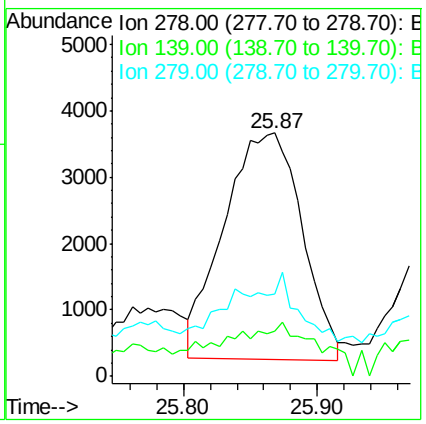




#40
Dibenzo(a,h)anthracene
Concen: 2.12 ng/ul m
RT: 25.87 min Scan# 3958
Delta R.T. 0.02 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:278 Resp: 13803

Ion	Ratio	Lower	Upper
278	100		
139	18.6	8.2	12.4#
279	33.7	18.6	27.8#



Instrument :
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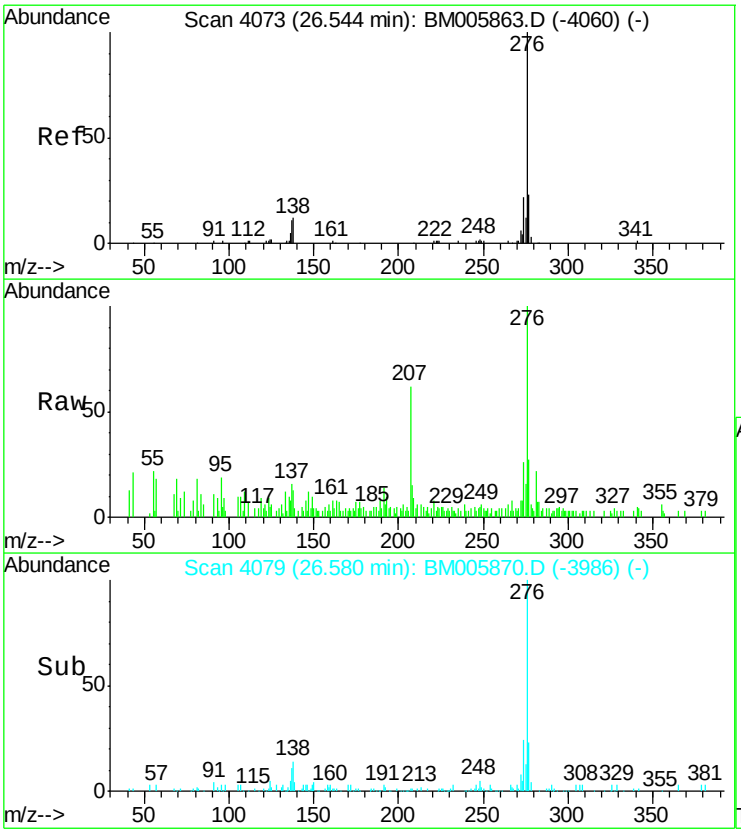

#41
Benzo(g,h,i)perylene
Concen: 5.67 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.05 min
Lab File: BM005870.D
Acq: 17 Jun 2016 20:35

Tgt Ion:276 Resp: 38266

Ion	Ratio	Lower	Upper
276	100		
138	13.1	10.6	15.8
277	26.5	19.6	29.4