Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005871.D
Acq On : 17 Jun 2016 21:11
Operator : UM/SJ
Sample : H3535-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y11

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Quant Time: Jun 17 23:46:11 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	24538	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	106626	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.38	164	66333	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	157219	20.00	ng/ul	0.01
29) Chrysene-d12	21.32	240	146142	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	137229	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	597	3.15	ng/uL	0.00
3) Phenol-d5	6.93	99	44681	21.75	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	22560	21.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	40985	23.92	ng/ul	0.01
6) 4-Methylphenol-d8	8.46	113	38355	20.89	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	19468	25.87	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	22534	24.50	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	44405	24.45	ng/ul	0.01
12) 4-Chloroaniline-d4	10.68	131	18142	14.76	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	145743	23.22	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	179358	24.81	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	12794m	16.92	ng/ul	0.03
21) Fluorene-d10	15.38	176	130378	24.38	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.53	200	8946	8.43	ng/ul	0.02
26) Anthracene-d10	17.23	188	200036	24.37	ng/ul	0.01
30) Pyrene-d10	19.53	212	210732	30.42	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.44	264	170298	24.82	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	38281	4.09	ng/ul	99
27) Anthracene	17.26	178	9722	1.02	ng/ul	97
28) Fluoranthene	19.19	202	119810	10.19	ng/ul	98
31) Pyrene	19.56	202	110693	12.82	ng/ul	98
32) Benzo(a)anthracene	21.30	228	70794	7.76	ng/ul	97
33) Chrysene	21.35	228	73141m	8.32	ng/ul	
35) Benzo(b)fluoranthene	22.90	252	114671	13.42	ng/ul#	95
36) Benzo(k)fluoranthene	22.94	252	36464m	4.42	ng/ul	
38) Benzo(a)pyrene	23.48	252	73723	8.79	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.87	276	58126	5.67	ng/ul	97
40) Dibenzo(a,h)anthracene	25.87	278	16007	1.90	ng/ul#	69
41) Benzo(g,h,i)perylene	26.59	276	58997	6.76	ng/ul	97

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

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Instrument :
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Manual Integrations APPROVED
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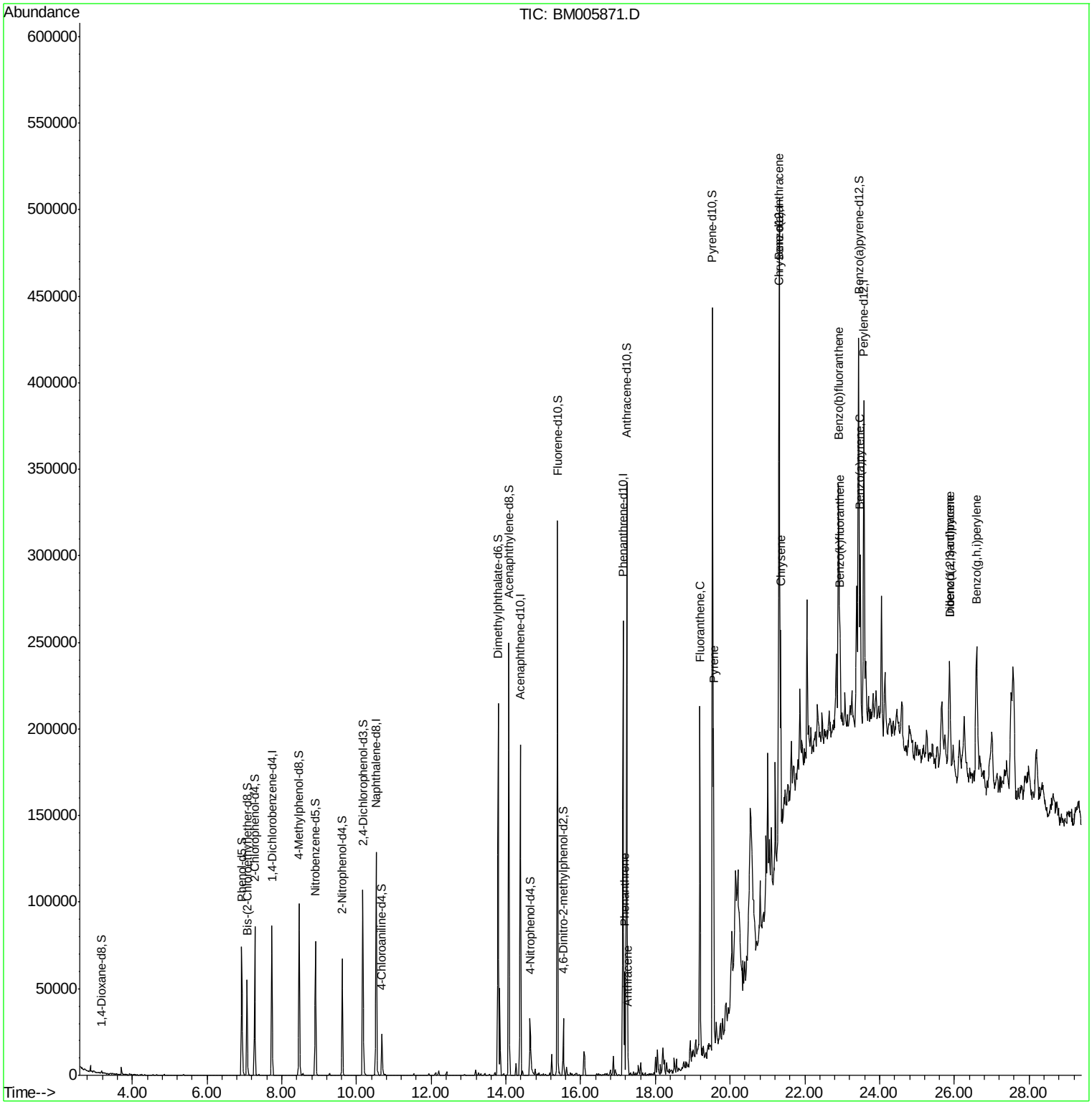
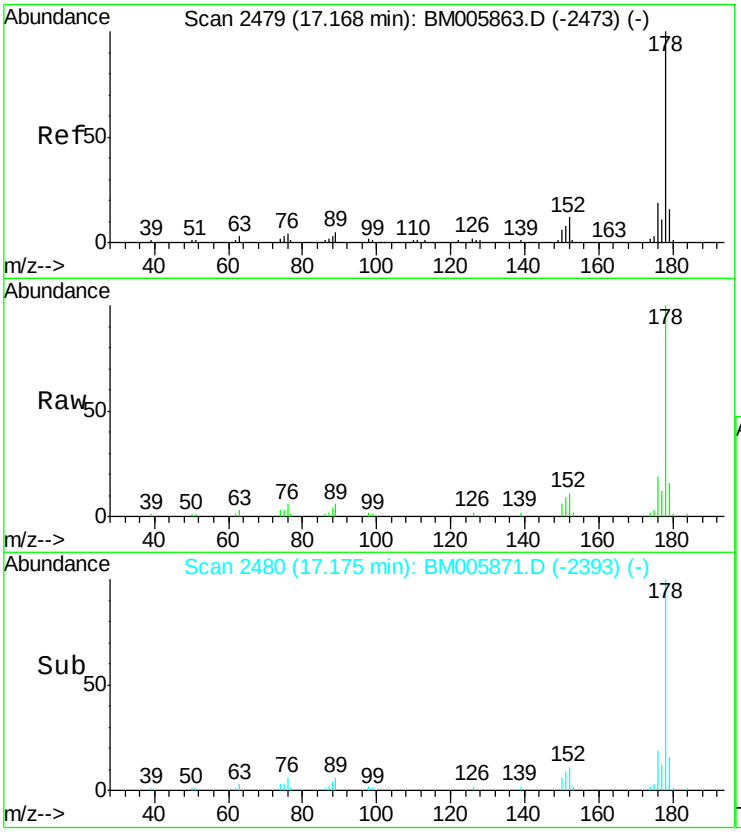
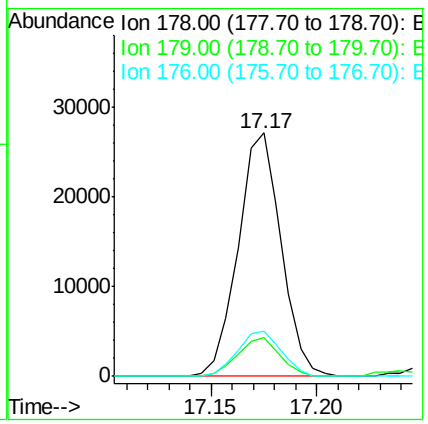




#25
Phenanthrene
Concen: 4.09 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:178 Resp: 38281

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	18.6	14.9	22.3



Instrument :
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ClientSampleId :
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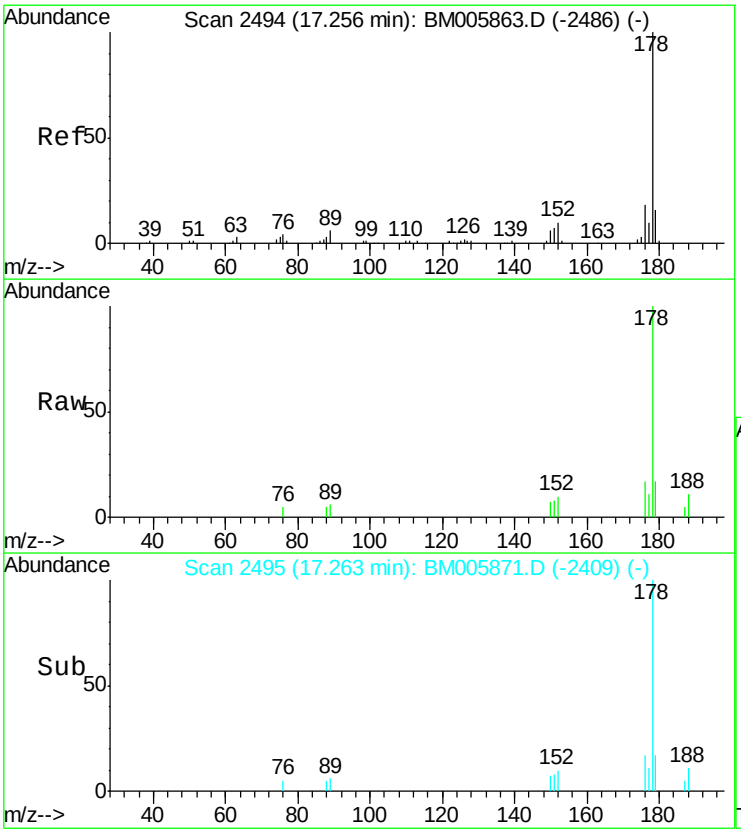
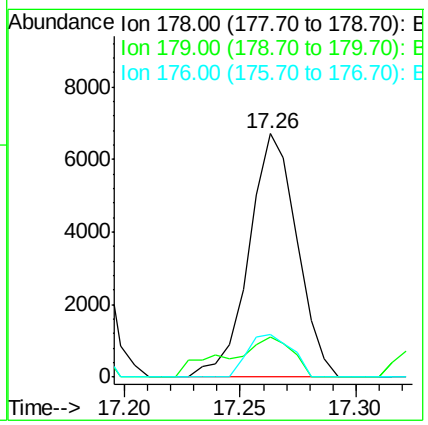
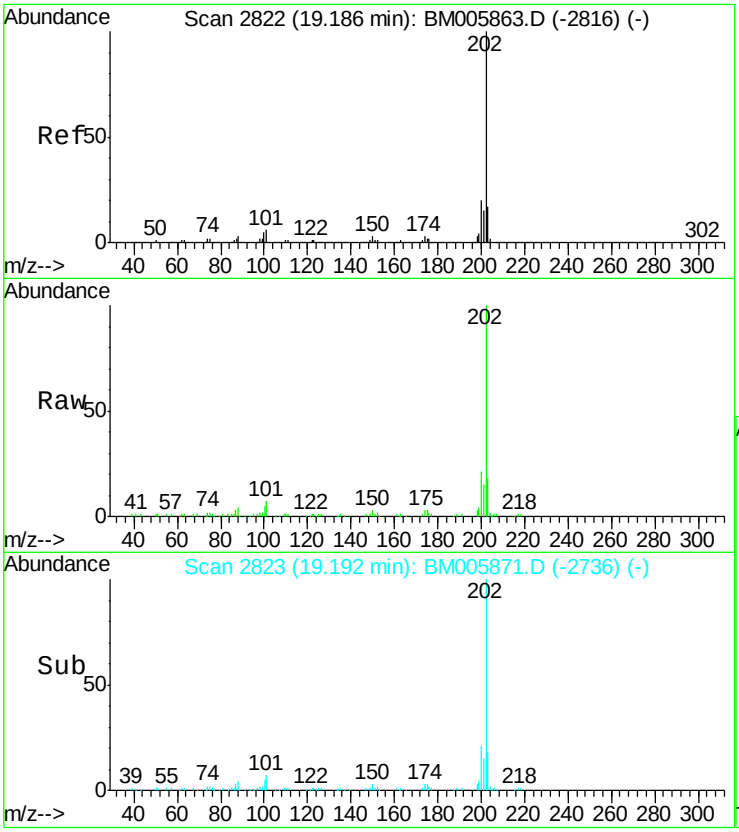


#27
Anthracene
Concen: 1.02 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. 0.01 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:178 Resp: 9722

Ion	Ratio	Lower	Upper
178	100		
179	16.5	11.9	17.9
176	17.3	14.8	22.2

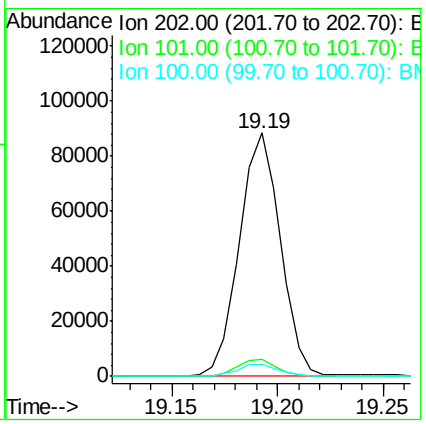




#28
Fluoranthene
Concen: 10.19 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:202 Resp: 119810

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	4.7	4.2	6.2



Instrument :
BNA_M
ClientSampleId :
D9Y11

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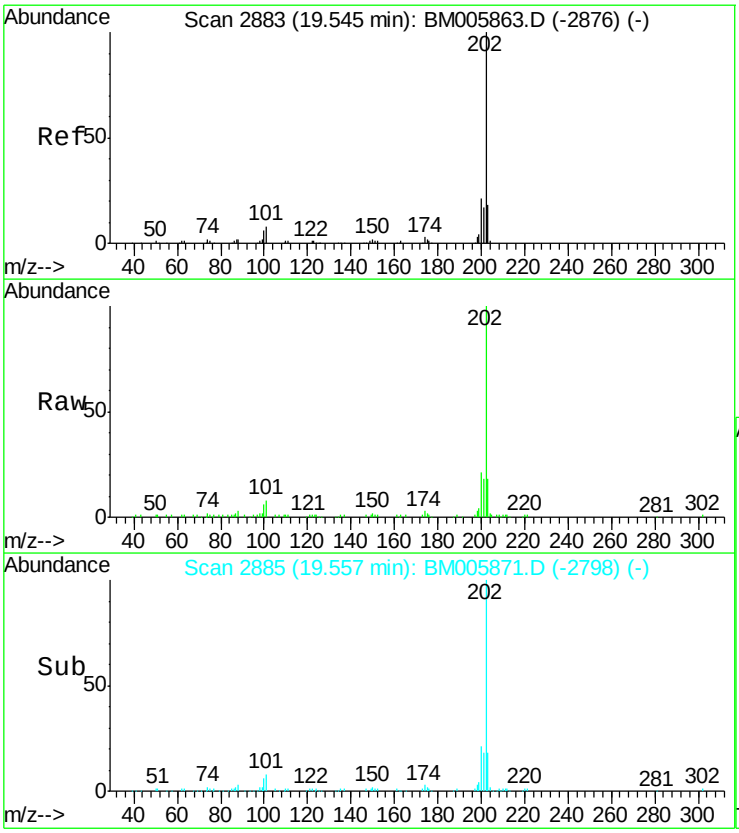
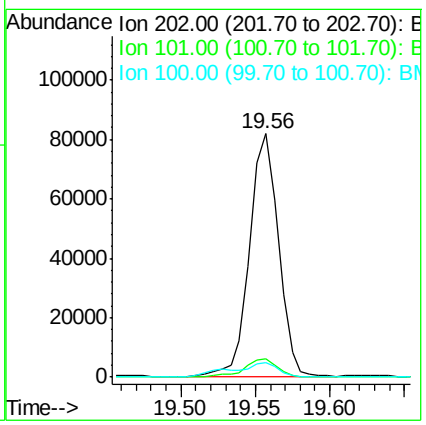
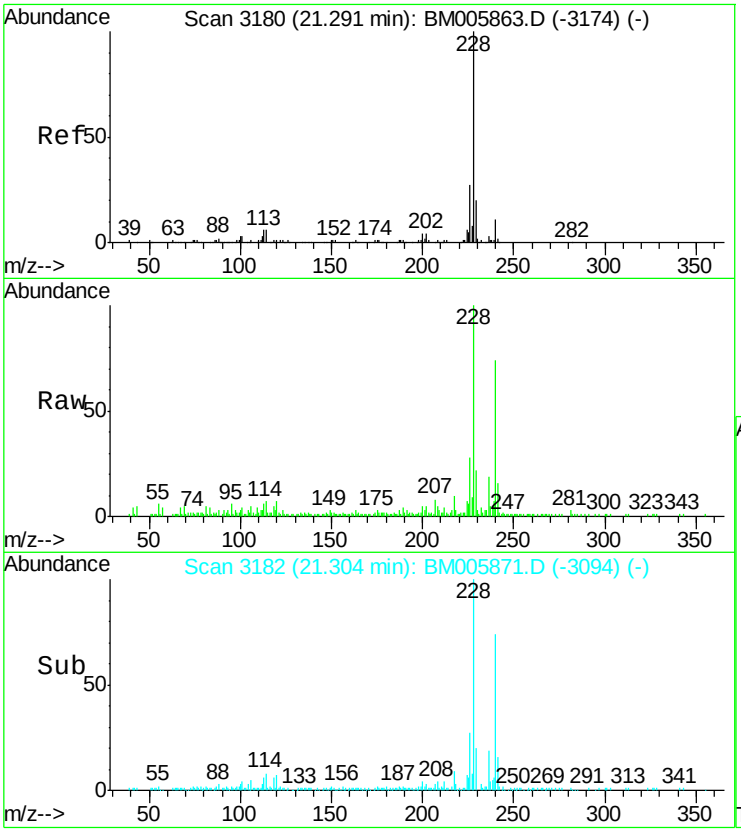


#31
Pyrene
Concen: 12.82 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:202 Resp: 110693

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.5	9.7
100	6.2	5.4	8.2

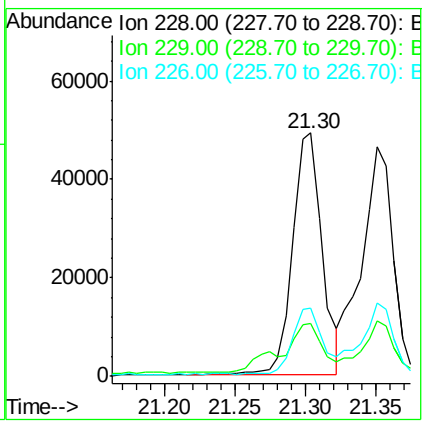




#32
Benzo(a)anthracene
Concen: 7.76 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:228 Resp: 70794

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	27.9	21.8	32.6



Instrument :
BNA_M
ClientSampleId :
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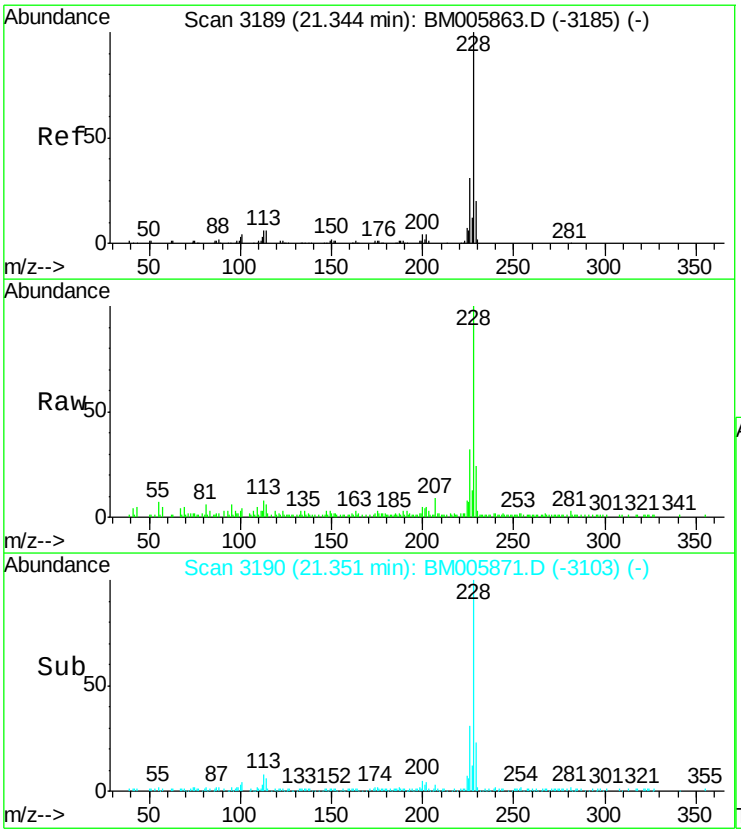
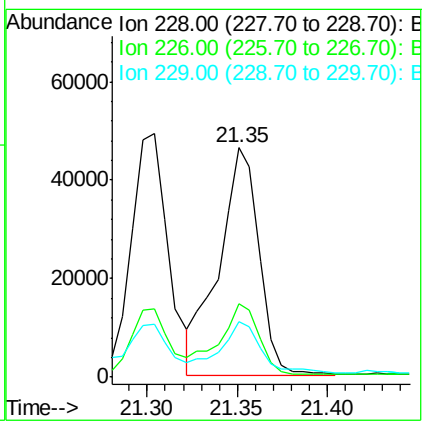
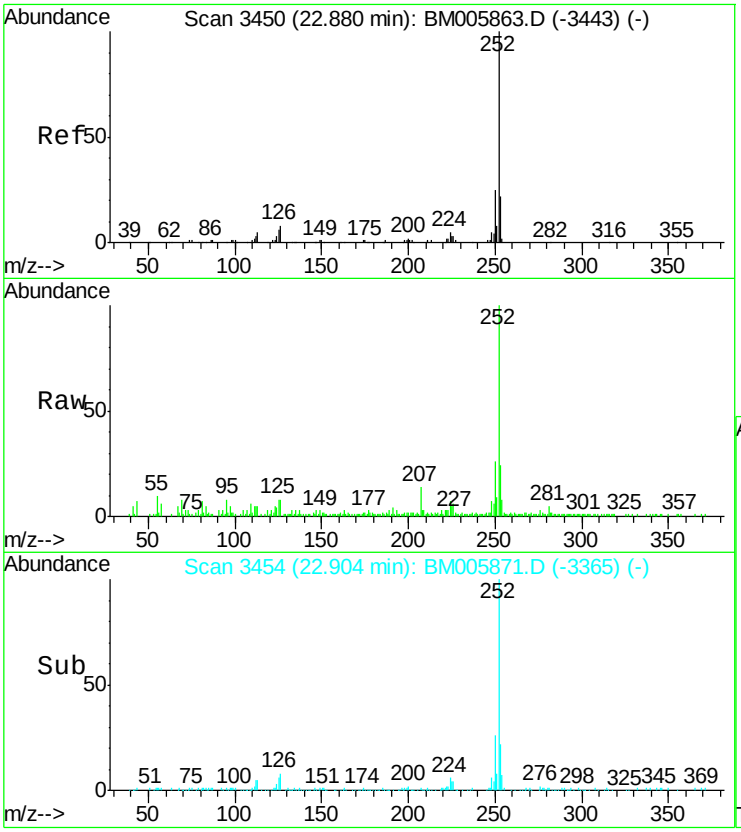


#33
Chrysene
Concen: 8.32 ng/ul m
RT: 21.35 min Scan# 3190
Delta R.T. 0.01 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:228 Resp: 73141

Ion	Ratio	Lower	Upper
228	100		
226	32.0	23.5	35.3
229	24.0	15.4	23.0#

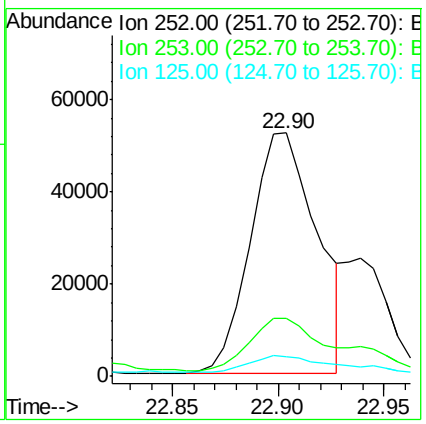




#35
Benzo(b)fluoranthene
Concen: 13.42 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:252 Resp: 114671

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	7.8	4.9	7.3#



Instrument :
BNA_M
ClientSampleId :
D9Y11

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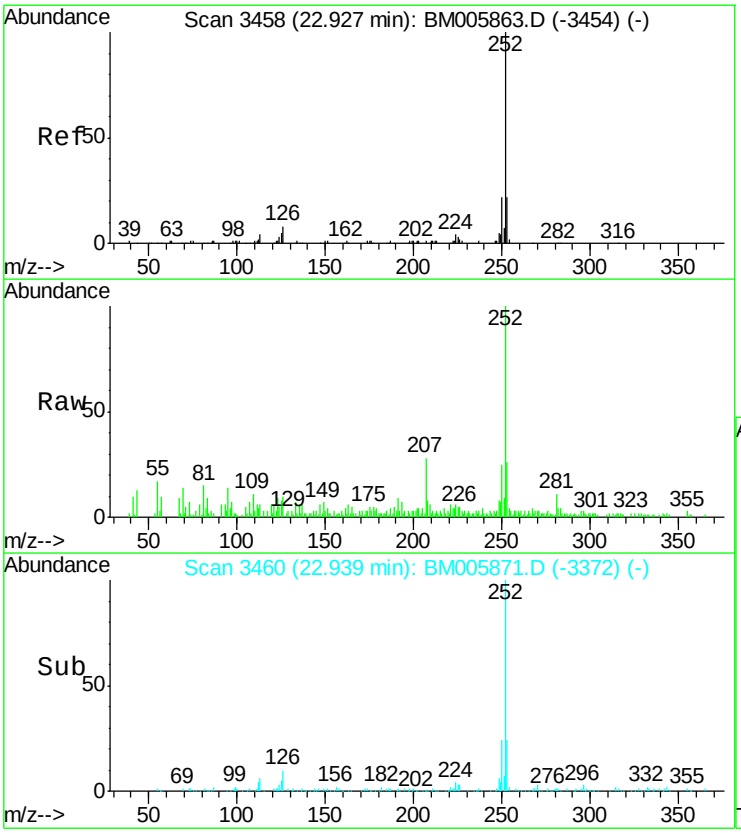
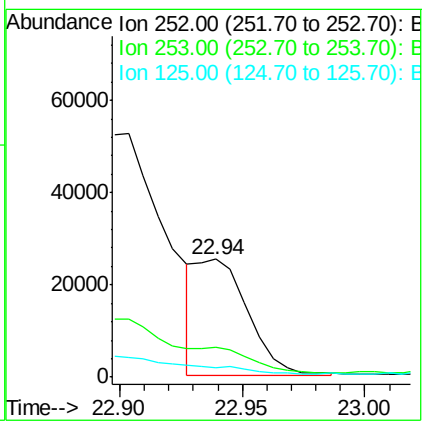
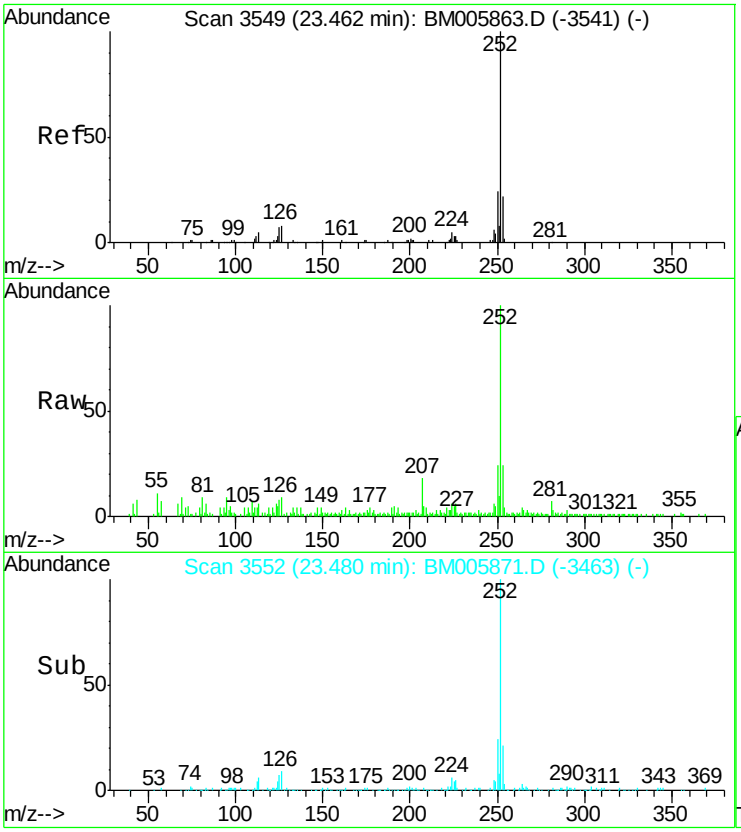


#36
Benzo(k)fluoranthene
Concen: 4.42 ng/ul m
RT: 22.94 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:252 Resp: 36464

Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.5	26.3
125	8.1	4.8	7.2#

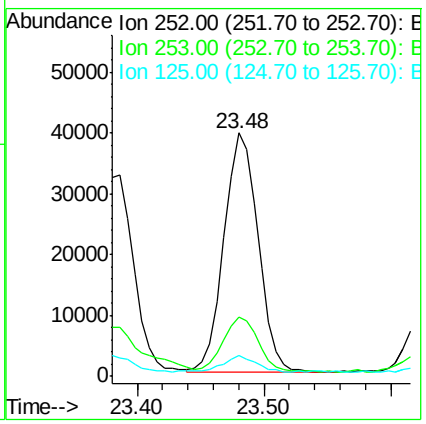




#38
Benzo(a)pyrene
Concen: 8.79 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. 0.02 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:252 Resp: 73723

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.0	27.0
125	8.4	5.1	7.7#



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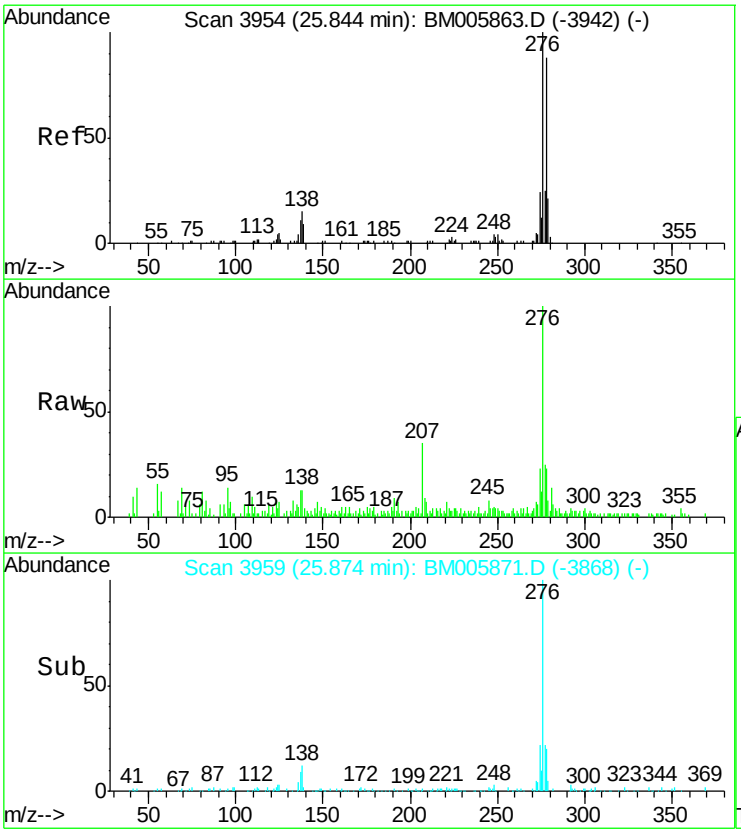
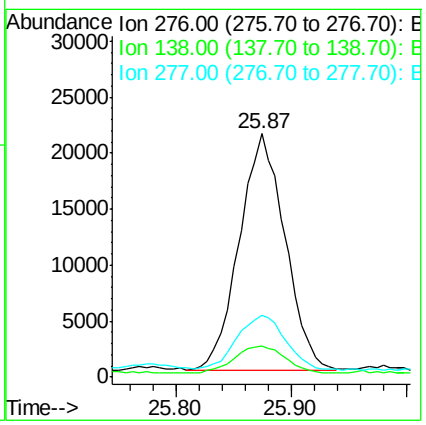
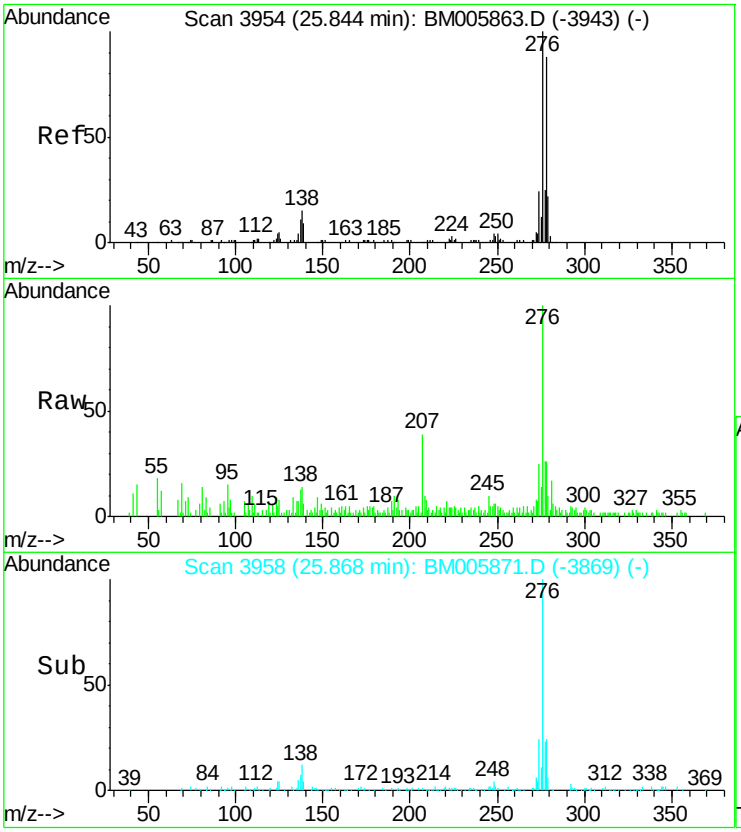


#39
Indeno(1,2,3-cd)pyrene
Concen: 5.67 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.04 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:276 Resp: 58126

Ion	Ratio	Lower	Upper
276	100		
138	12.9	11.9	17.9
277	25.5	21.0	31.6

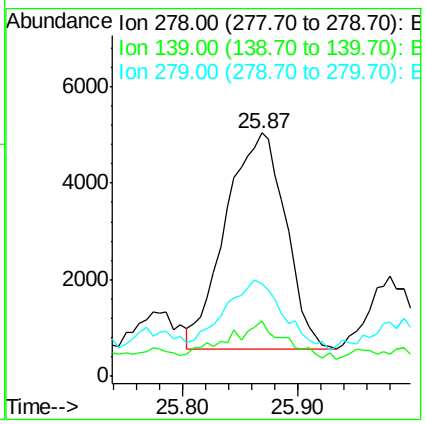




#40
Dibenzo(a,h)anthracene
Concen: 1.90 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. 0.02 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:278 Resp: 16007

Ion	Ratio	Lower	Upper
278	100		
139	22.8	8.2	12.4#
279	37.9	18.6	27.8#



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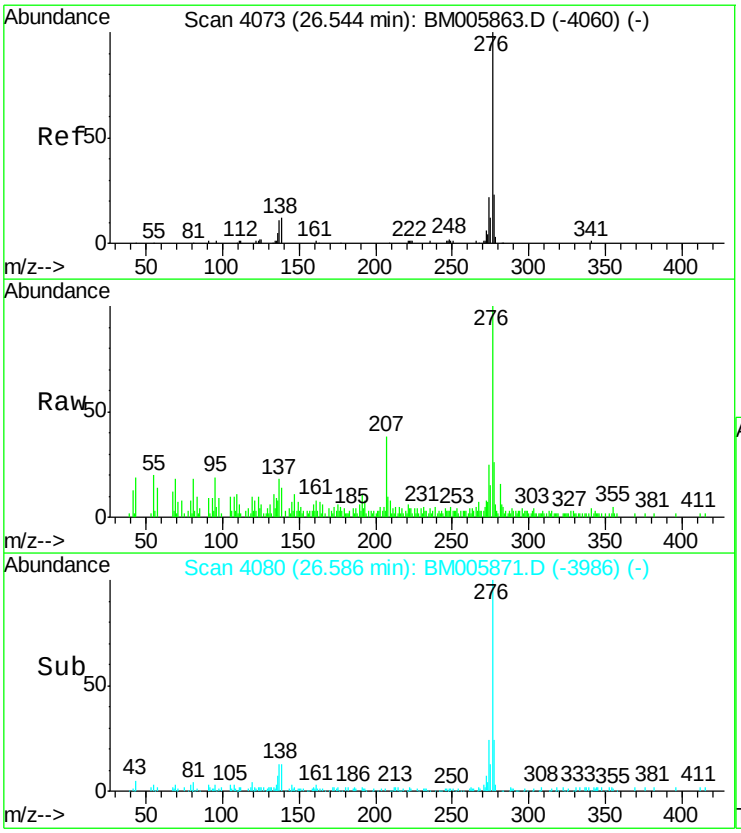

#41
Benzo(g,h,i)perylene
Concen: 6.76 ng/ul
RT: 26.59 min Scan# 4080
Delta R.T. 0.05 min
Lab File: BM005871.D
Acq: 17 Jun 2016 21:11

Tgt Ion:276 Resp: 58997

Ion	Ratio	Lower	Upper
276	100		
138	14.3	10.6	15.8
277	26.2	19.6	29.4