Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003673.D
Acq On : 21 Dec 2015 02:25
Operator : UM/SJ
Sample : G4867-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9DA5

Quant Time: Dec 21 04:01:05 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	103212	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	67538	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	170302	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	229881	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	224969	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	270	0.70	ng/uL	0.00
5) Phenol-d5	6.87	99	12558	7.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	29075	31.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	38673	27.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	27171	18.03	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	24552	32.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	27897	33.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	50376	32.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	640	0.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	190720	34.17	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	224849	35.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	6979	6.42	ng/ul	0.00
58) Fluorene-d10	15.34	176	167957	36.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	29330	30.56	ng/ul	0.00
71) Anthracene-d10	17.20	188	281265	36.30	ng/ul	0.00
79) Pyrene-d10	19.50	212	343565	34.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	401841	35.96	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.01	142	5003	1.26	ng/ul	89
46) 2,6-Dinitrotoluene	13.76	165	1146	1.03	ng/ul#	35
48) Acenaphthylene	14.07	152	30504	4.39	ng/ul	99
77) Fluoranthene	19.16	202	12317	1.14	ng/ul	98
80) Pyrene	19.53	202	37873	2.86	ng/ul	99
88) Benzo(b)fluoranthene	22.87	252	35758	2.64	ng/ul	96
89) Benzo(k)fluoranthene	22.87	252	29852	2.32	ng/ul	95
91) Benzo(a)pyrene	23.44	252	40796	3.14	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.80	276	23812	1.71	ng/ul	97
94) Benzo(g,h,i)perylene	26.50	276	27451	2.39	ng/ul	99

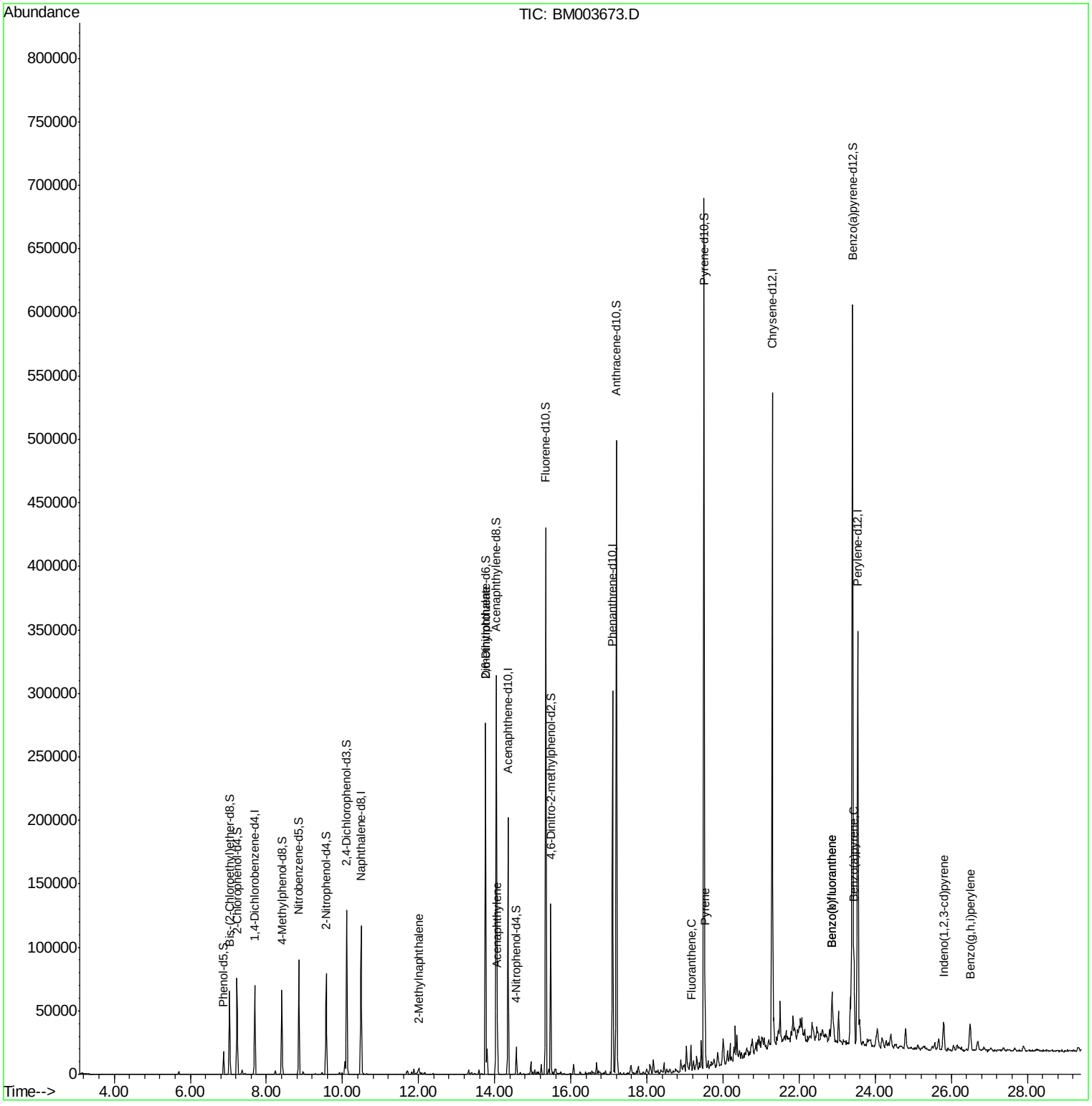
(#) = qualifier out of range (m) = manual integration (+) = signals summed

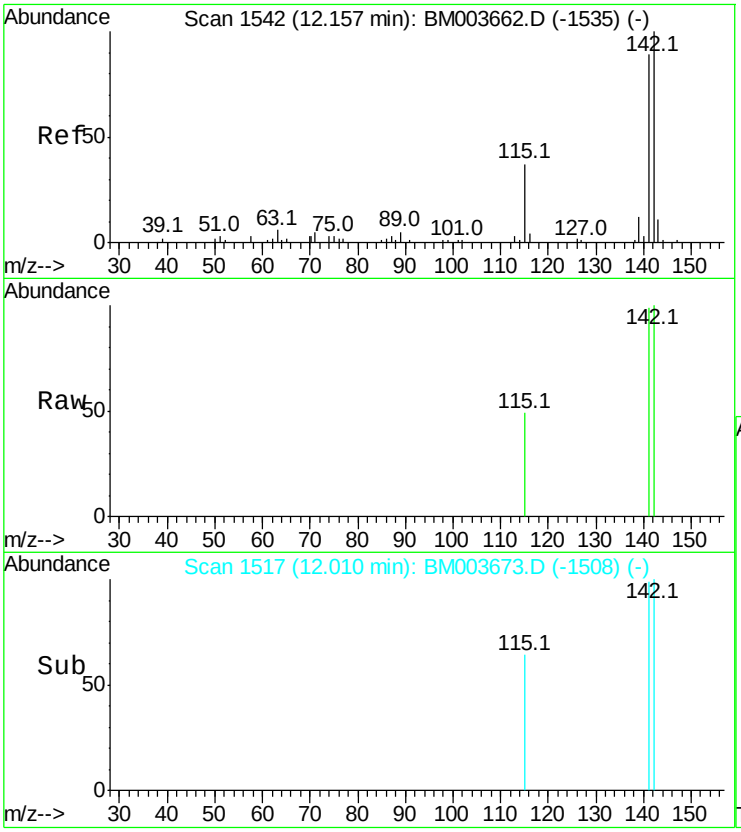
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003673.D
Acq On : 21 Dec 2015 02:25
Operator : UM/SJ
Sample : G4867-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9DA5

Quant Time: Dec 21 04:01:05 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 03:56:12 2015
Response via : Initial Calibration



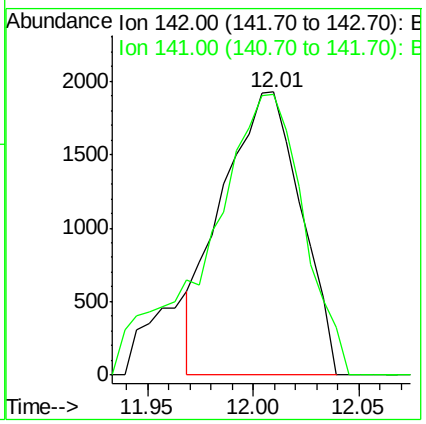


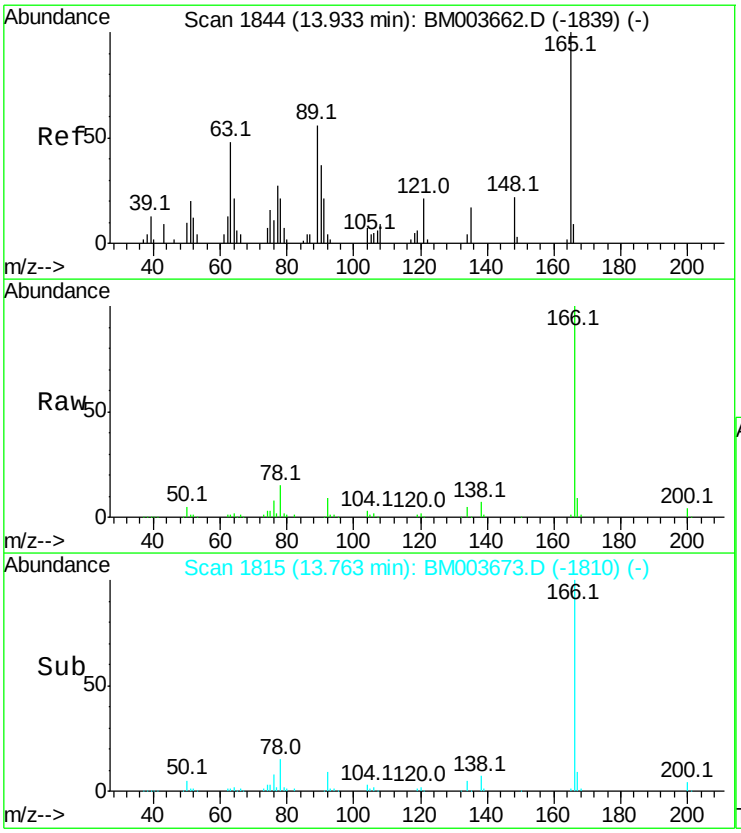
#34
2-Methylnaphthalene
Concen: 1.26 ng/ul
RT: 12.01 min Scan# 1517
Delta R.T. -0.15 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
BNA_M
ClientSampleId :
G9DA5

Tgt Ion:142 Resp: 5003

Ion	Ratio	Lower	Upper
142	100		
141	99.4	71.6	107.4

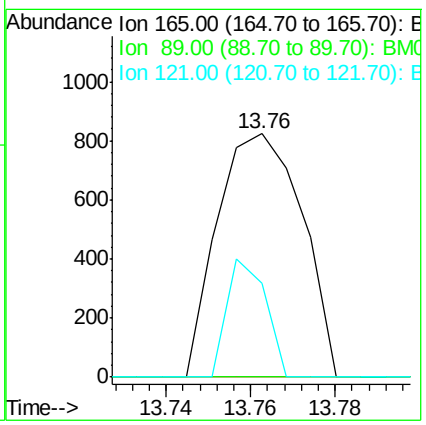


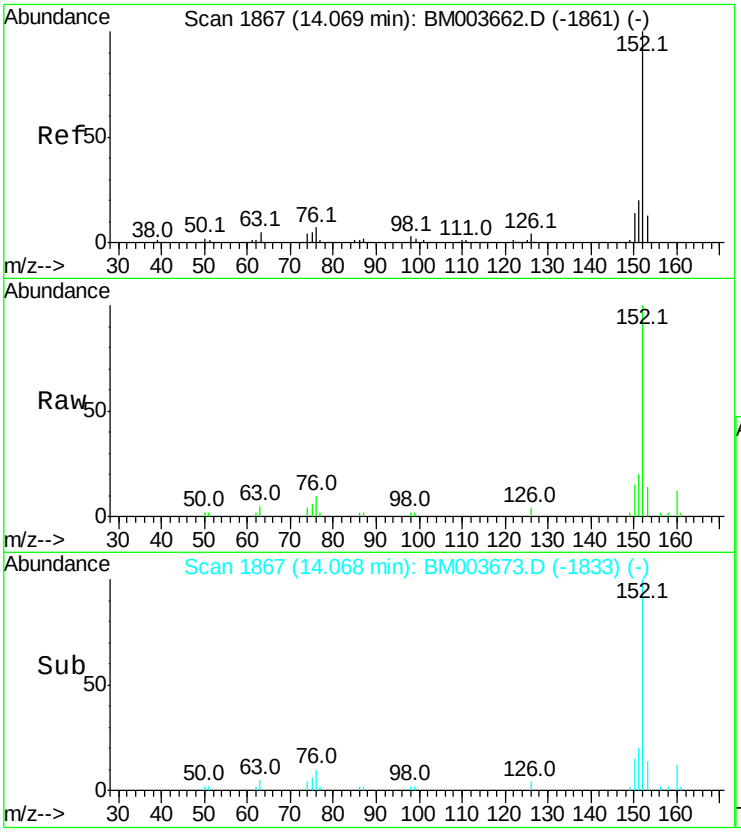


#46
2,6-Dinitrotoluene
Concen: 1.03 ng/ul
RT: 13.76 min Scan# 1815
Delta R.T. -0.17 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion:165 Resp: 1146

Ion	Ratio	Lower	Upper
165	100		
89	0.0	42.4	63.6#
121	38.6	16.6	24.8#



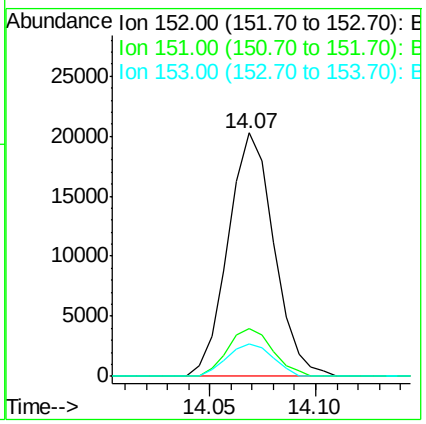


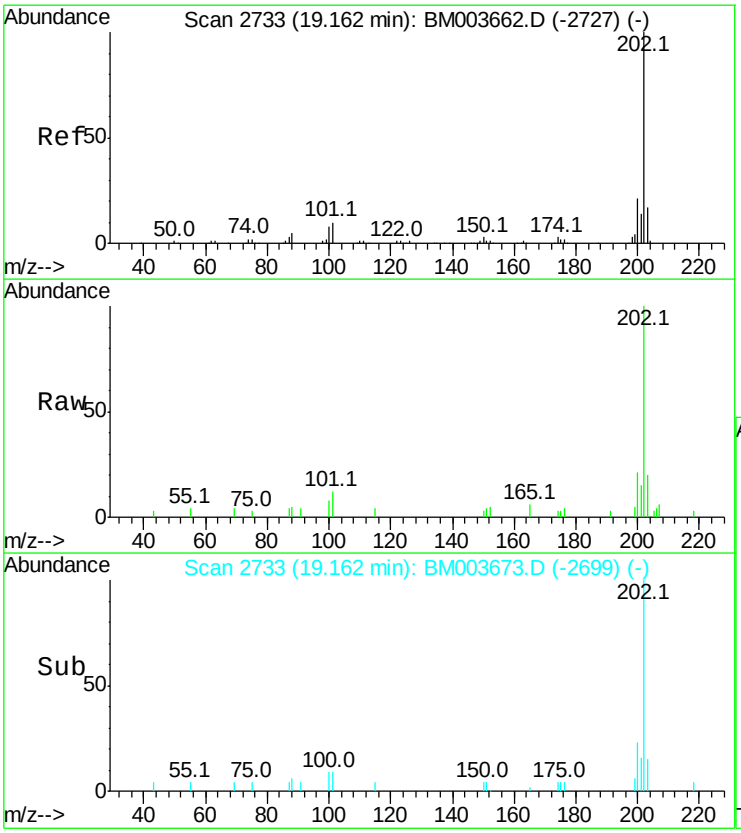
#48
Acenaphthylene
Concen: 4.39 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
BNA_M
ClientSampleId :
G9DA5

Tgt Ion:152 Resp: 30504

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	13.5	10.5	15.7

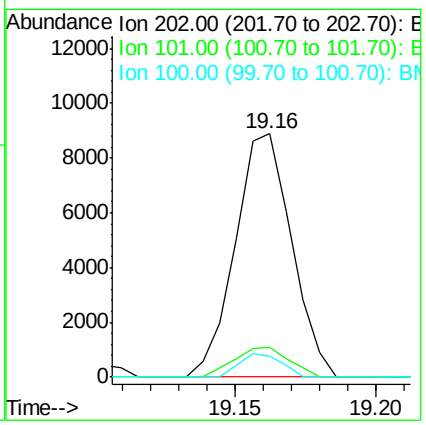


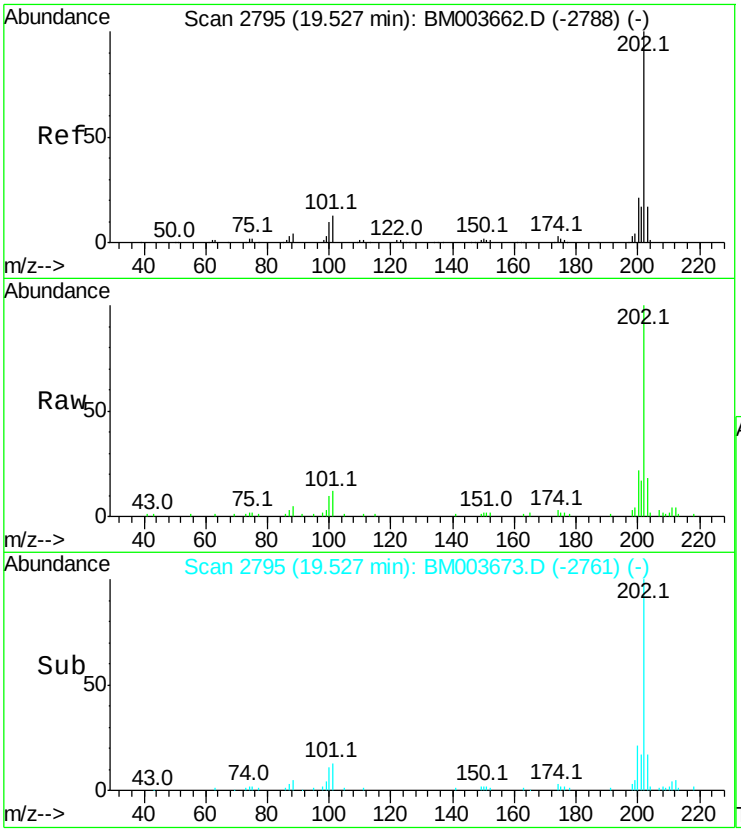


#77
Fluoranthene
Concen: 1.14 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion:202 Resp: 12317

Ion	Ratio	Lower	Upper
202	100		
101	12.3	8.8	13.2
100	8.5	6.6	9.8



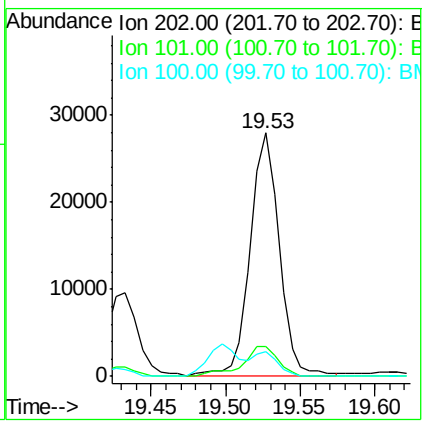


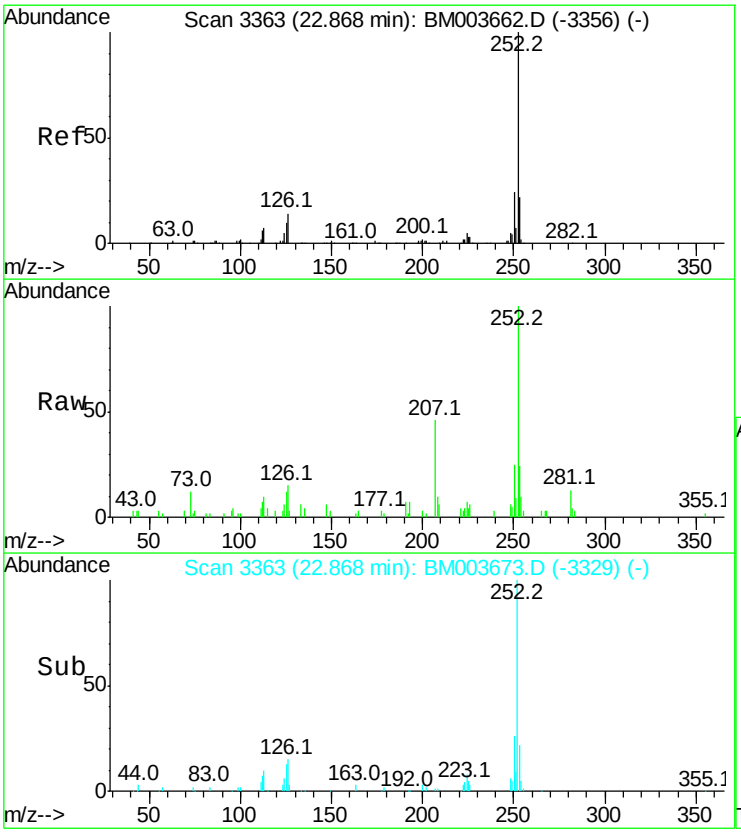
#80
Pyrene
Concen: 2.86 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
BNA_M
ClientSampleId :
G9DA5

Tgt Ion:202 Resp: 37873

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.2	15.2
100	10.3	8.5	12.7

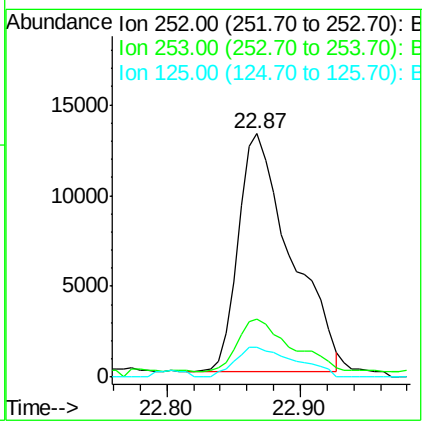


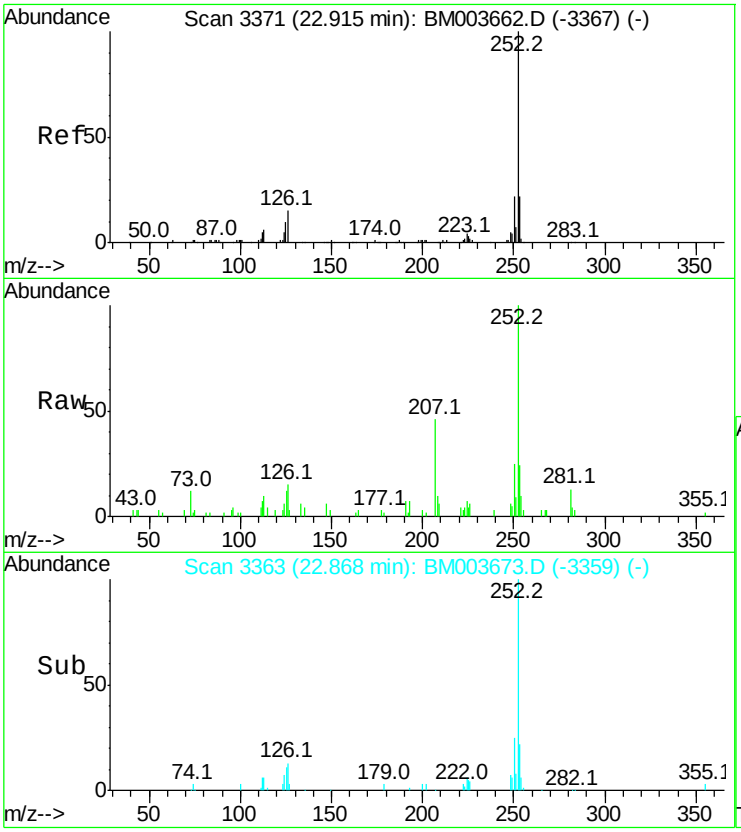


#88
Benzo(b)fluoranthene
Concen: 2.64 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion:252 Resp: 35758

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.5	26.3
125	12.1	8.5	12.7



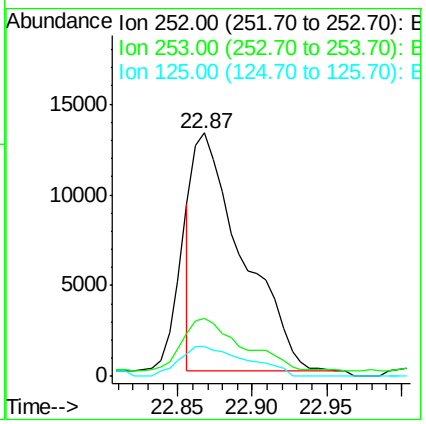


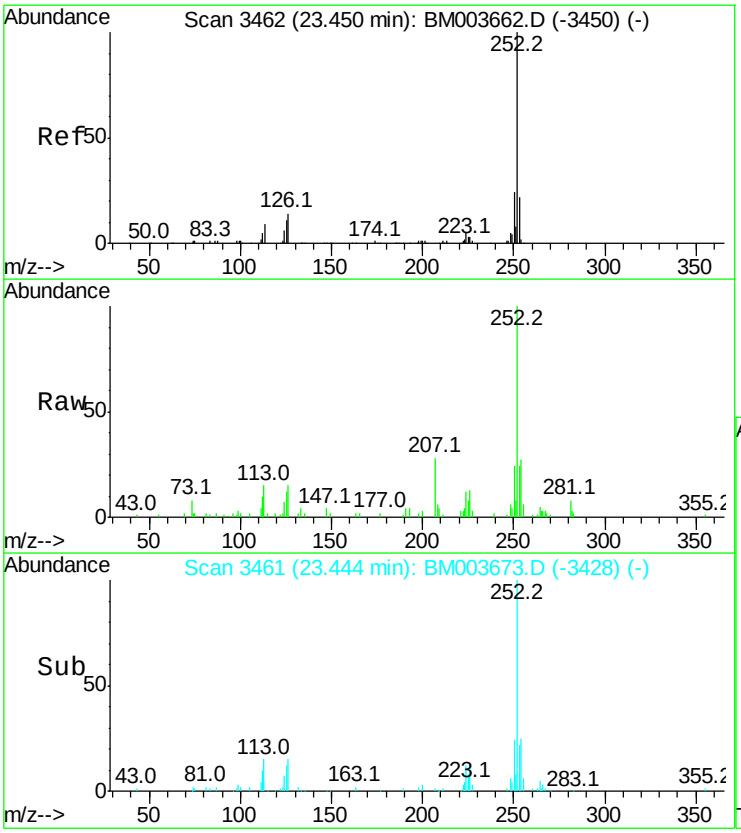
#89
Benzo(k)fluoranthene
Concen: 2.32 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. -0.05 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
BNA_M
ClientSampleId :
G9DA5

Tgt Ion:252 Resp: 29852

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	12.1	8.2	12.2

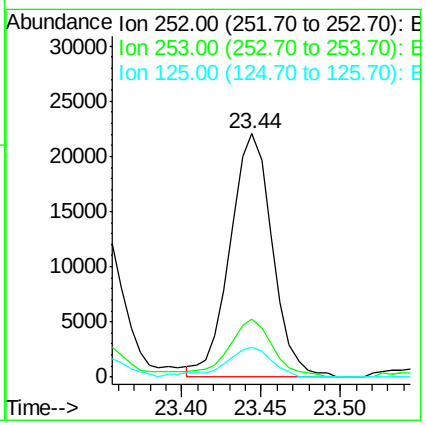


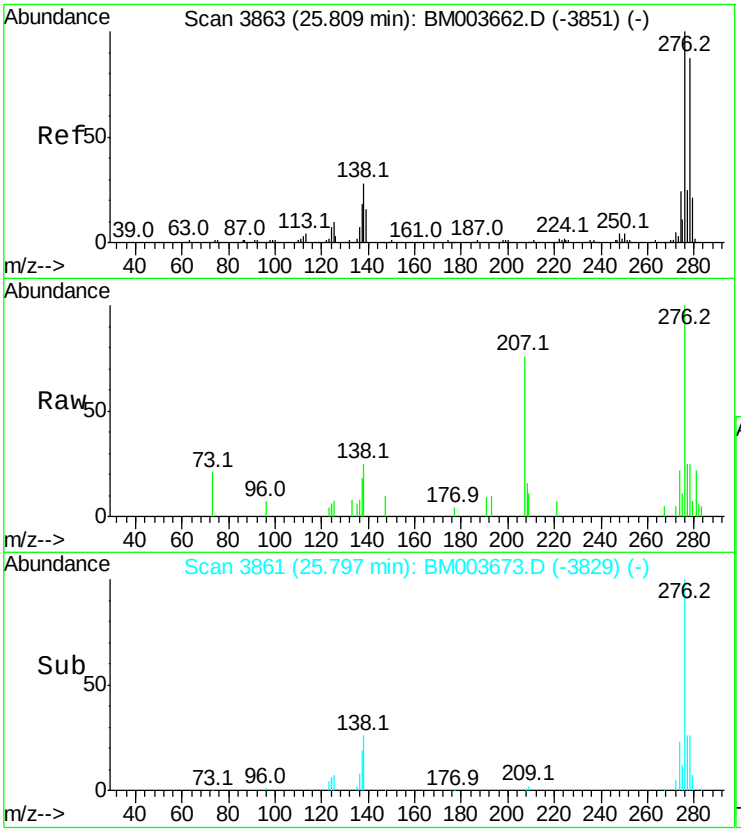


#91
Benzo(a)pyrene
Concen: 3.14 ng/ul
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion:252 Resp: 40796

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.2	25.8
125	12.2	9.0	13.6



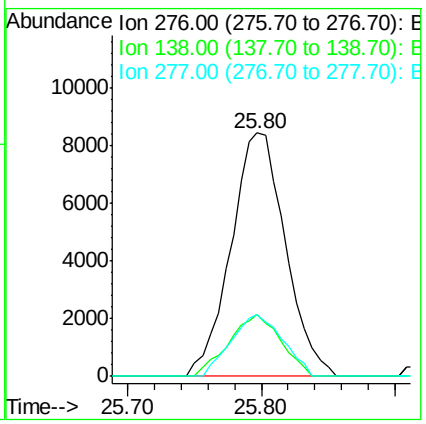


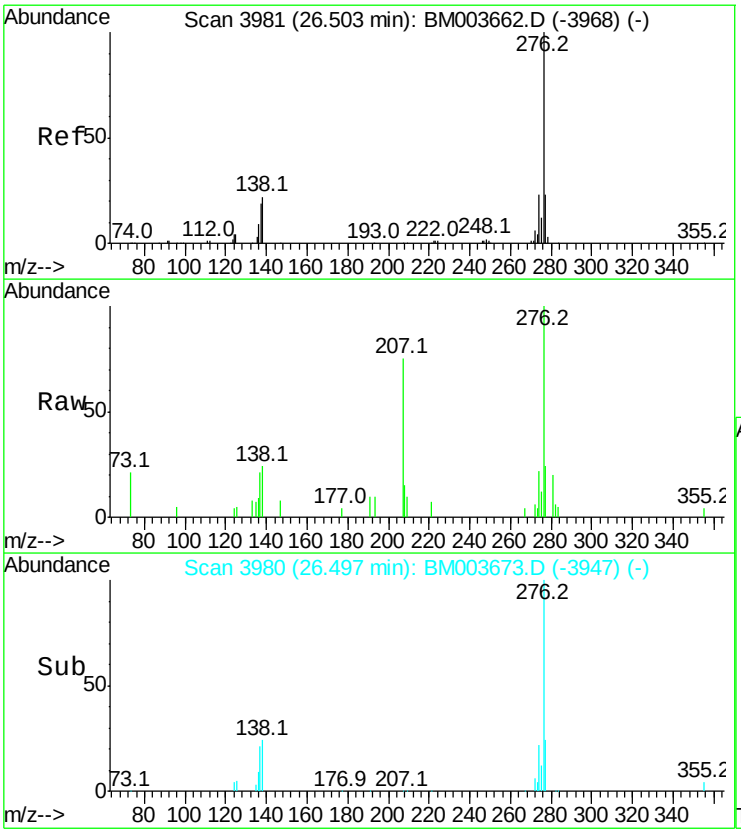
#92
Indeno(1,2,3-cd)pyrene
Concen: 1.71 ng/ul
RT: 25.80 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Instrument :
BNA_M
ClientSampleId :
G9DA5

Tgt Ion:276 Resp: 23812

Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.3	33.5
277	25.4	20.2	30.2





#94
Benzo(g,h,i)perylene
Concen: 2.39 ng/ul
RT: 26.50 min Scan# 3980
Delta R.T. -0.01 min
Lab File: BM003673.D
Acq: 21 Dec 2015 02:25

Tgt Ion:276 Resp: 27451

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.3	19.2	28.8