Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9G75DL

Quant Time: Oct 02 06:04:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.69	152	70398	20.00	ng/ul	0.00
18) Naphthalene-d8	11.55	136	302032	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.28	164	152901	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.99	188	314353	20.00	ng/ul	0.00
78) Chrysene-d12	22.08	240	325632	20.00	ng/ul	0.00
86) Perylene-d12	24.66	264	334533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.77	96	1548	1.02	ng/uL	0.00
5) Phenol-d5	7.81	99	38549	7.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.97	67	22650	7.55	ng/ul	0.00
9) 2-Chlorophenol-d4	8.20	132	36215	7.29	ng/ul	0.00
13) 4-Methylphenol-d8	9.39	113	28543	6.49	ng/ul	0.00
19) Nitrobenzene-d5	9.88	128	16941	7.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.62	143	16982	7.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.16	165	30926	7.28	ng/ul	0.00
29) 4-Chloroaniline-d4	11.67	131	33093	6.47	ng/ul	0.00
44) Dimethylphthalate-d6	14.66	166	99312	8.63	ng/ul	0.00
47) Acenaphthylene-d8	14.99	160	126770	8.26	ng/ul	0.00
52) 4-Nitrophenol-d4	15.46	143	10420	5.10	ng/ul	0.00
58) Fluorene-d10	16.26	176	87756	8.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.38	200	4442	2.90	ng/ul	0.00
71) Anthracene-d10	18.09	188	128254	8.55	ng/ul	0.00
79) Pyrene-d10	20.32	212	129787	8.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.50	264	144879	8.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	5344	3.19	ng/uL#	1
45) Dimethylphthalate	14.70	163	64868	5.55	ng/ul	99
50) Acenaphthene	15.34	153	29775	2.78	ng/ul	99
54) Dibenzofuran	15.67	168	24175	1.67	ng/ul	98
59) Fluorene	16.31	166	40508	3.41	ng/ul	99
70) Phenanthrene	18.04	178	793454	43.63	ng/ul	99
72) Anthracene	18.13	178	116683	6.30	ng/ul	99
75) Carbazole	18.39	167	73436	4.54	ng/ul	100
77) Fluoranthene	20.00	202	1474084	78.51	ng/ul	99
80) Pyrene	20.35	202	1119193	54.11	ng/ul	98
83) Benzo(a)anthracene	22.06	228	535840	27.68	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.90	149	29154	2.08	ng/ul#	99
85) Chrysene	22.12	228	585556	32.07	ng/ul	96
88) Benzo(b)fluoranthene	23.87	252	765189	38.07	ng/ul	99
89) Benzo(k)fluoranthene	23.87	252	223706	11.76	ng/ul	98
91) Benzo(a)pyrene	24.56	252	482244	24.98	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	27.39	276	365399	16.23	ng/ul#	91
94) Benzo(g,h,i)perylene	28.23	276	308003	16.24	ng/ul	99

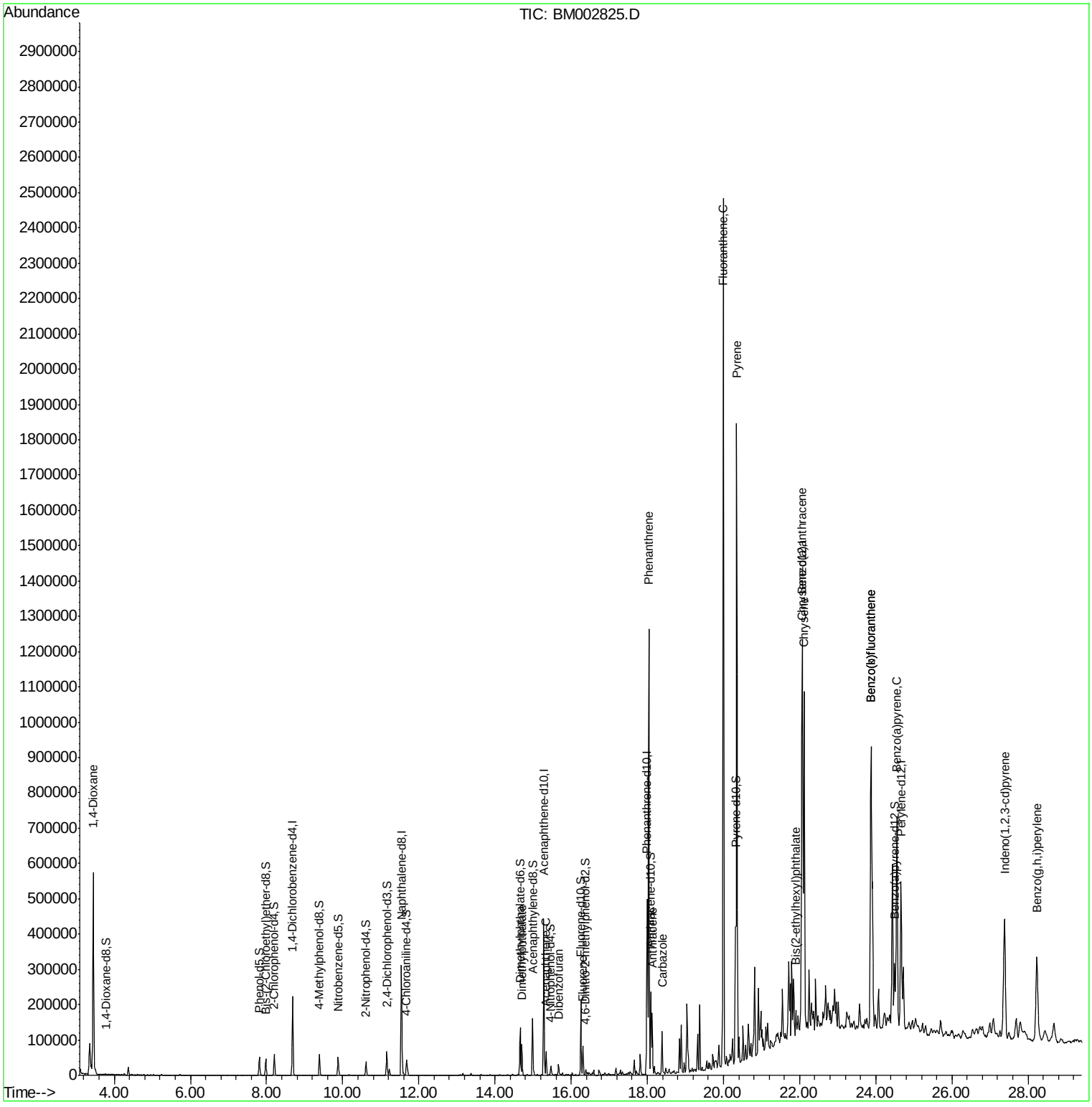
(#) = qualifier out of range (m) = manual integration (+) = signals summed

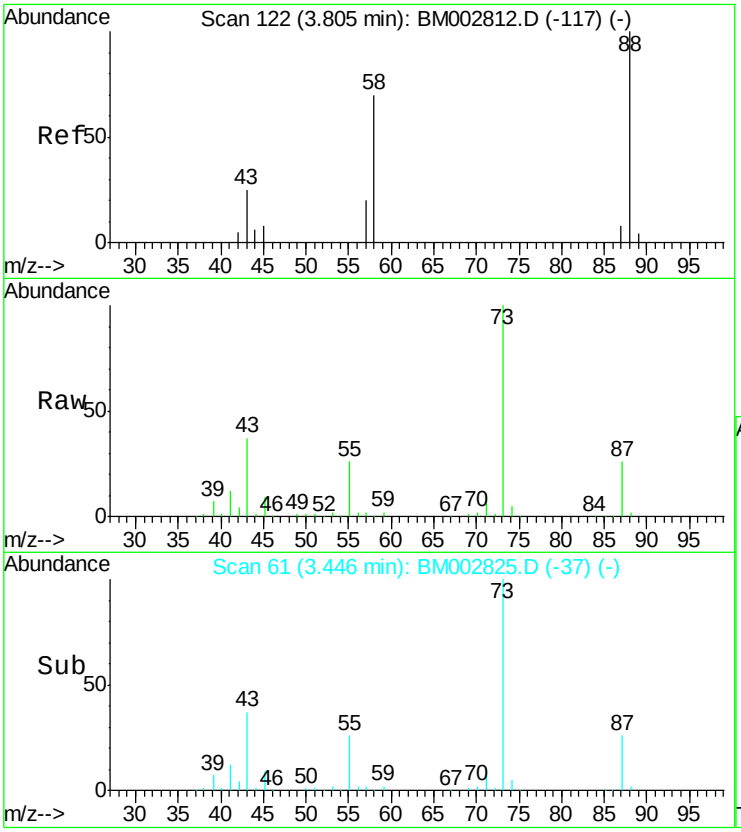
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100115\
Data File : BM002825.D
Acq On : 02 Oct 2015 04:04
Operator : UM/IZ
Sample : G3798-23DL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Quant Time: Oct 02 06:04:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 02 05:57:21 2015
Response via : Initial Calibration



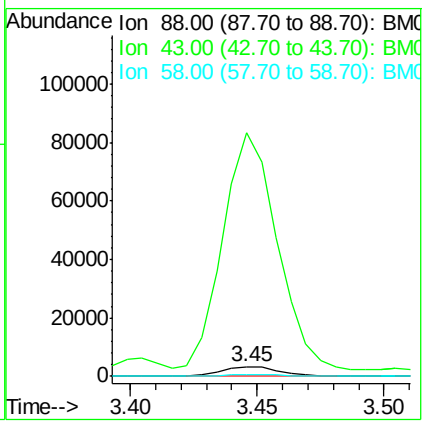


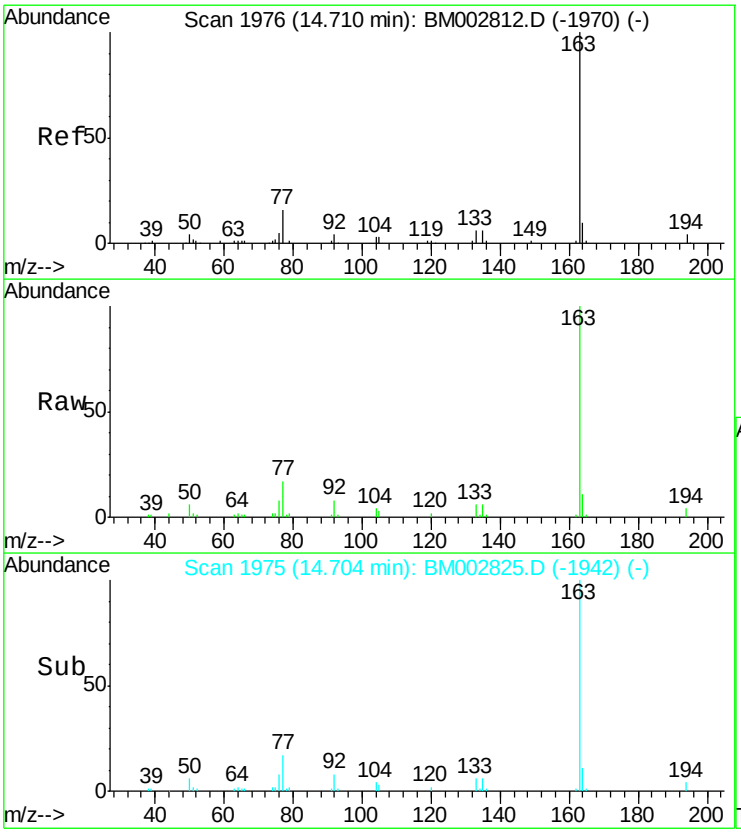
#2
1,4-Dioxane
Concen: 3.19 ng/uL
RT: 3.45 min Scan# 61
Delta R.T. -0.36 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion: 88 Resp: 5344

Ion	Ratio	Lower	Upper
88	100		
43	2459.8	26.2	39.4#
58	19.5	58.5	87.7#

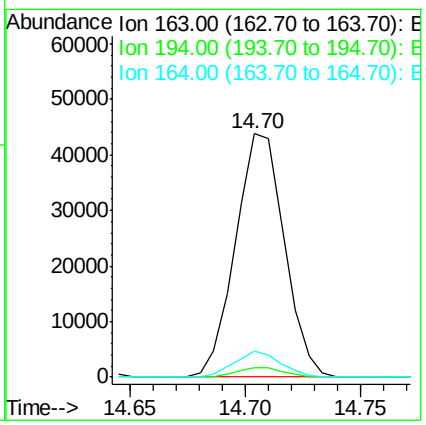


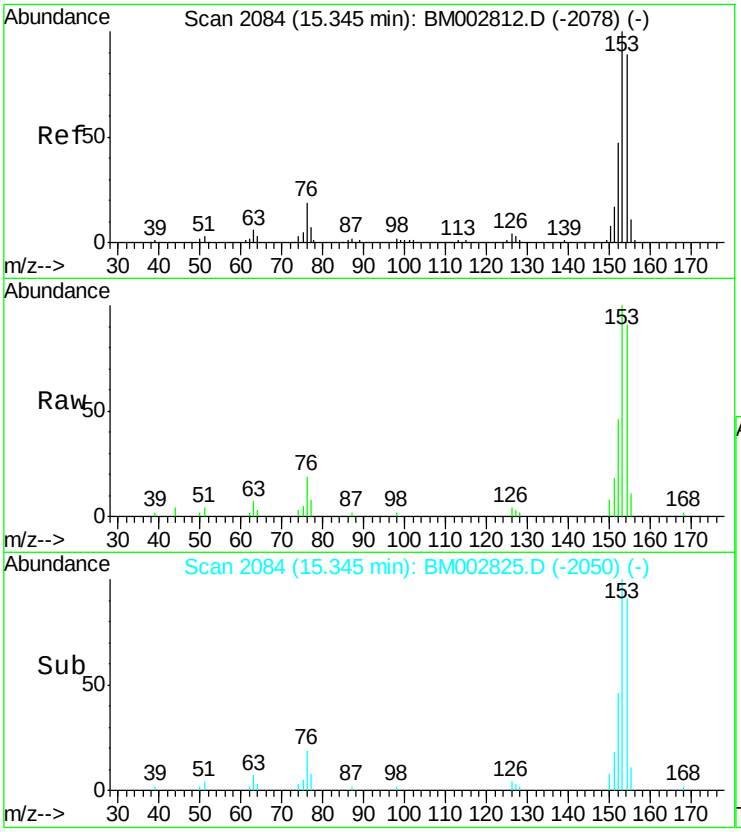


#45
Dimethylphthalate
Concen: 5.55 ng/ul
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:163 Resp: 64868

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.7	8.1	12.1



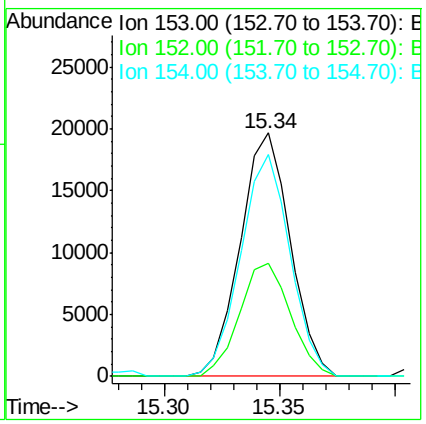


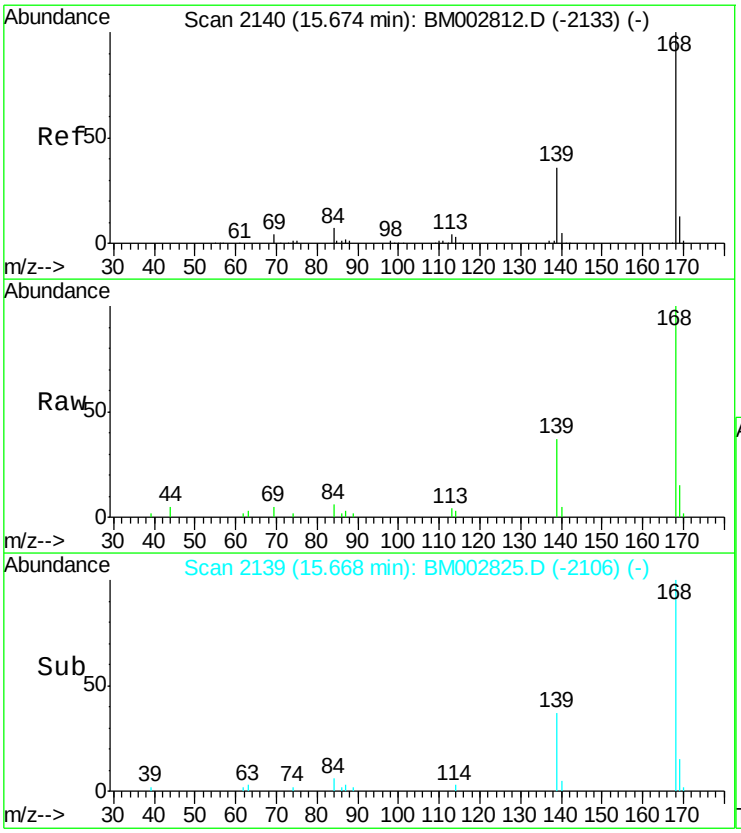
#50
Acenaphthene
Concen: 2.78 ng/ul
RT: 15.34 min Scan# 2084
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:153 Resp: 29775

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.2	55.8
154	91.2	71.9	107.9

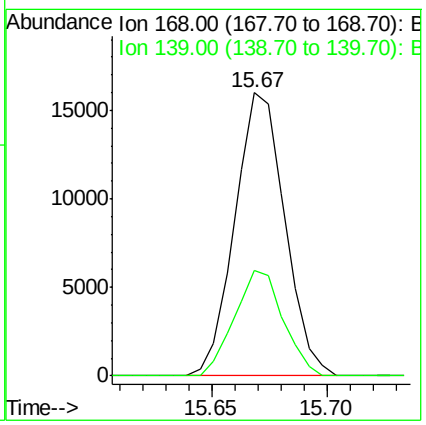


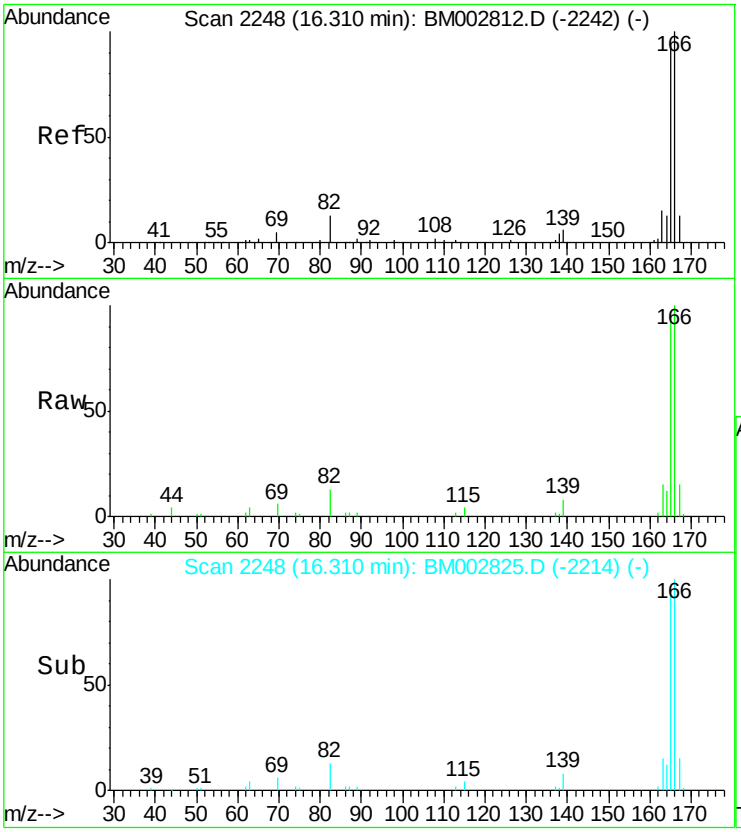


#54
Dibenzofuran
Concen: 1.67 ng/ul
RT: 15.67 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:168 Resp: 24175

Ion	Ratio	Lower	Upper
168	100		
139	37.1	28.7	43.1



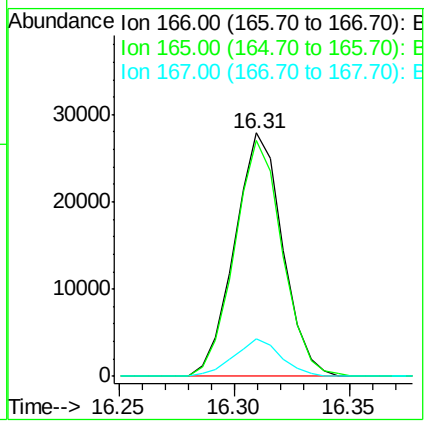


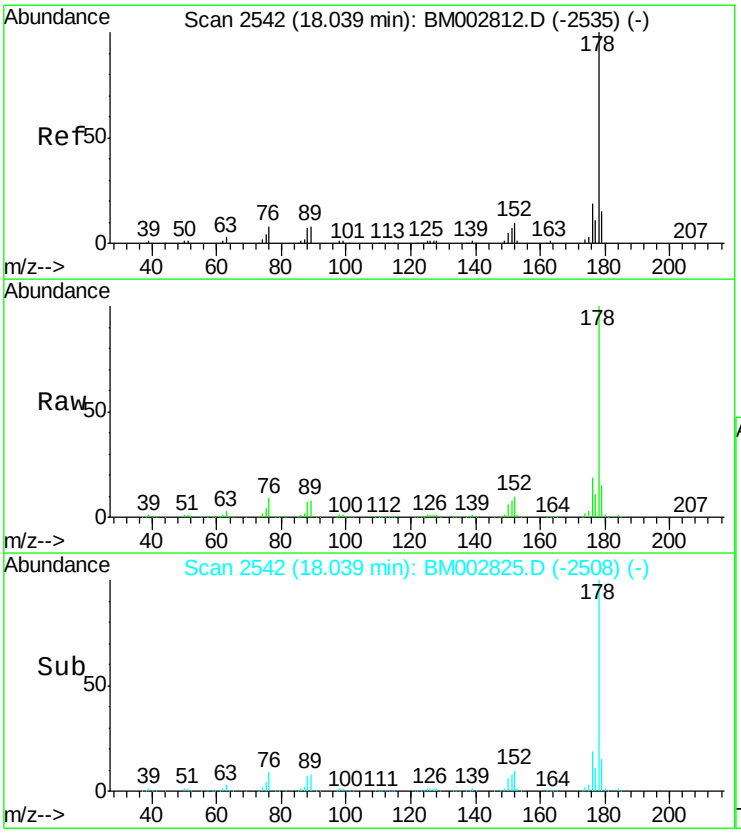
#59
Fluorene
Concen: 3.41 ng/ul
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:166 Resp: 40508

Ion	Ratio	Lower	Upper
166	100		
165	96.9	78.0	117.0
167	15.2	10.6	16.0

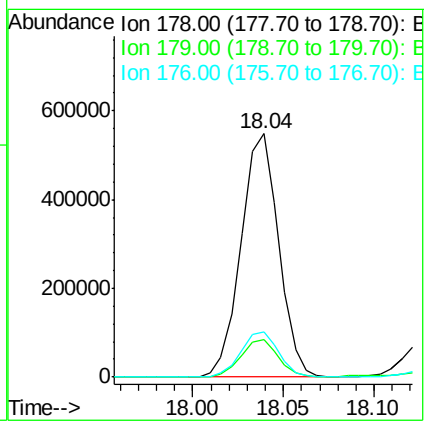


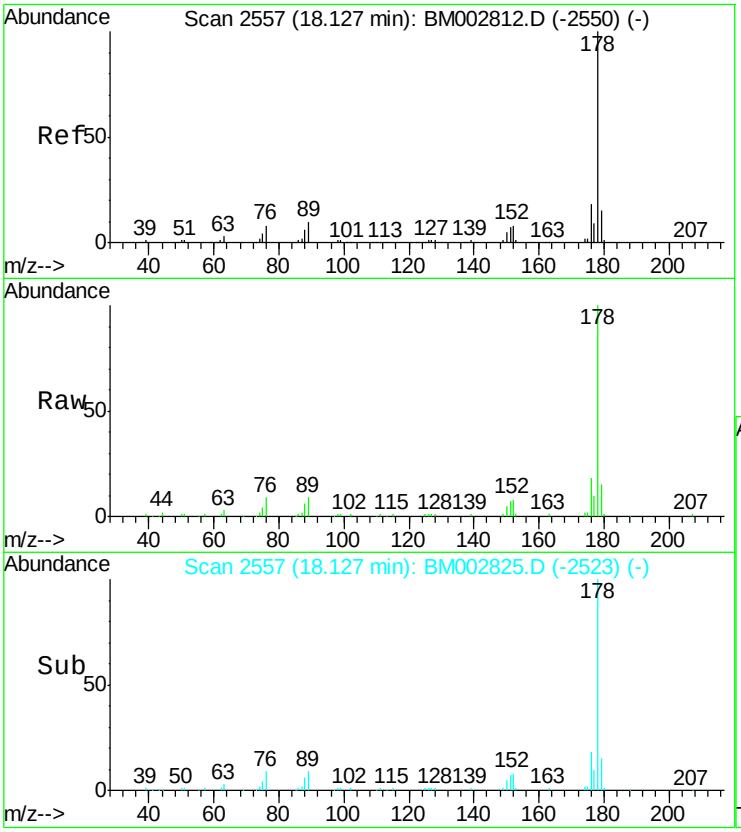


#70
Phenanthrene
Concen: 43.63 ng/ul
RT: 18.04 min Scan# 2542
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:178 Resp: 793454

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.0	18.0
176	18.6	14.6	22.0



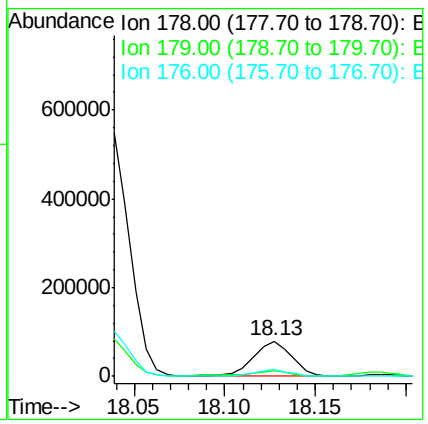


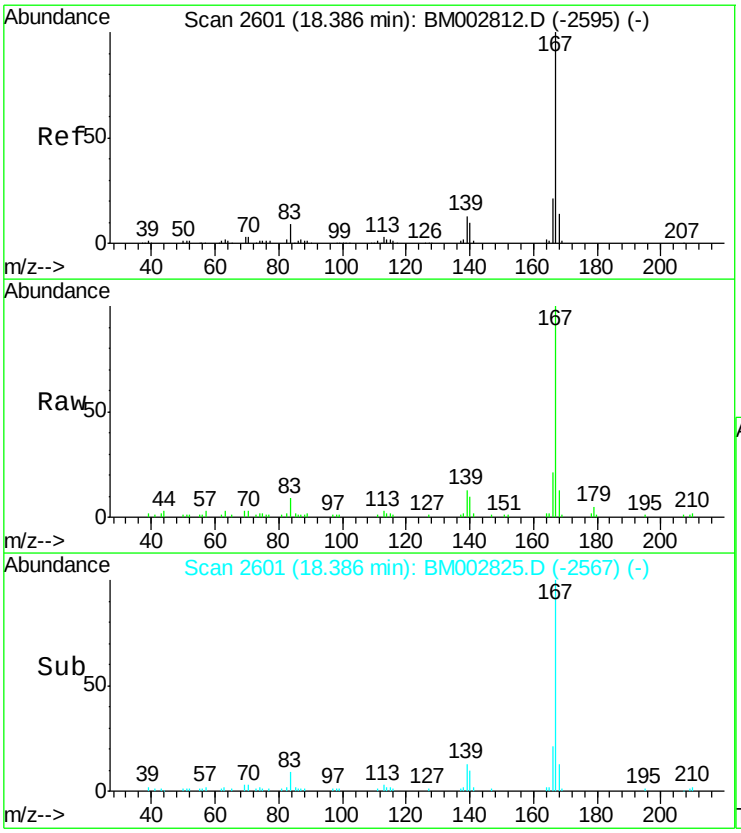
#72
Anthracene
Concen: 6.30 ng/ul
RT: 18.13 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:178 Resp: 116683

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	18.0	14.4	21.6

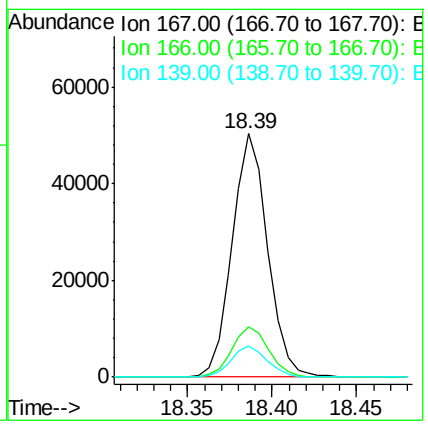


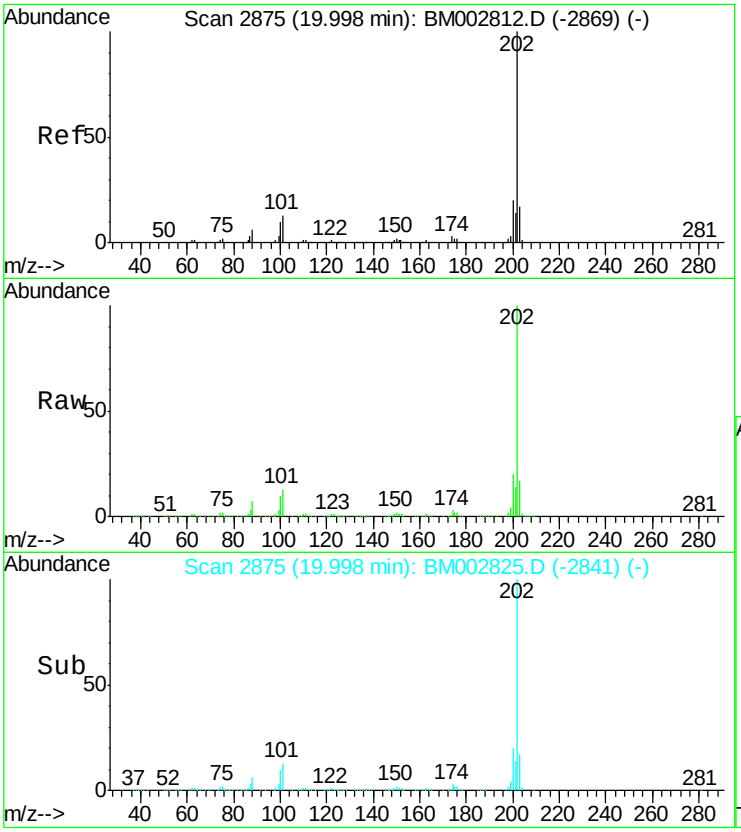


#75
Carbazole
Concen: 4.54 ng/ul
RT: 18.39 min Scan# 2601
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:167 Resp: 73436

Ion	Ratio	Lower	Upper
167	100		
166	20.9	16.8	25.2
139	12.8	10.1	15.1



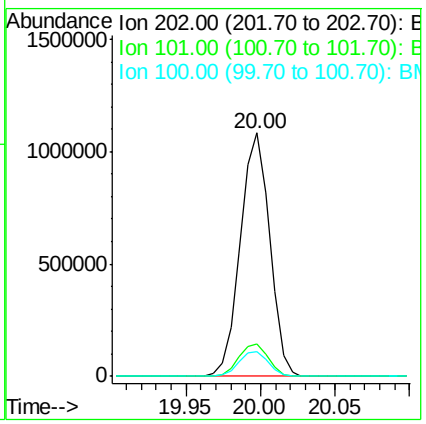


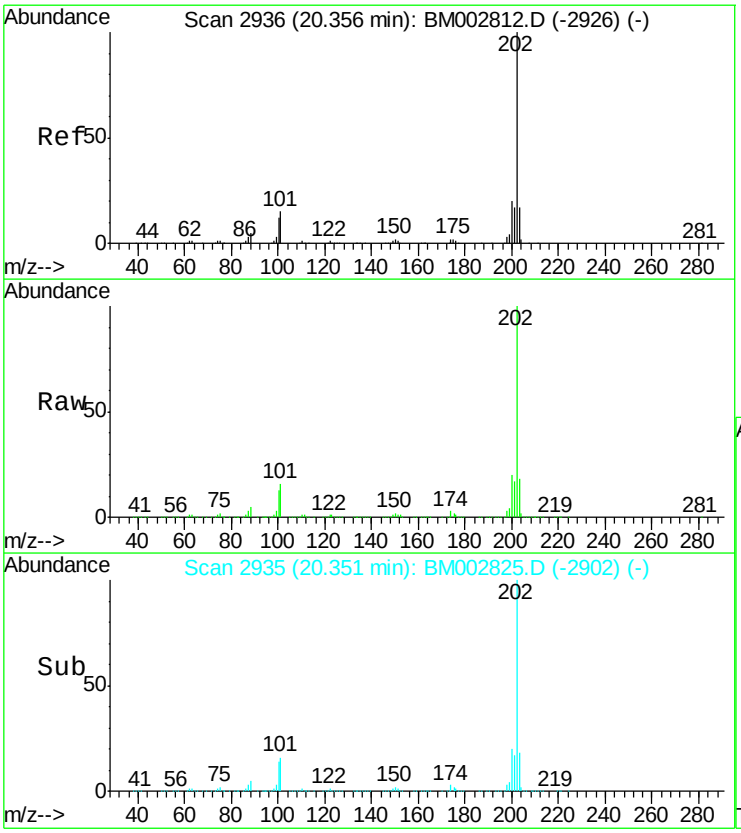
#77
Fluoranthene
Concen: 78.51 ng/ul
RT: 20.00 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:202 Resp: 1474084

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.0	16.4
100	10.3	8.3	12.5

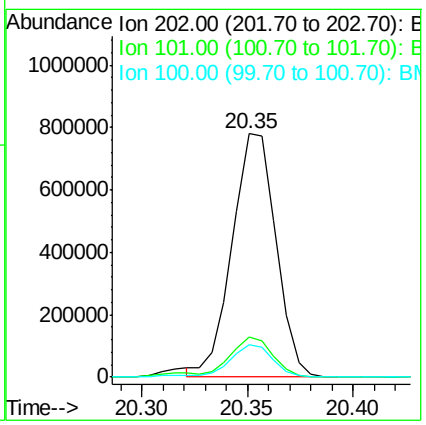


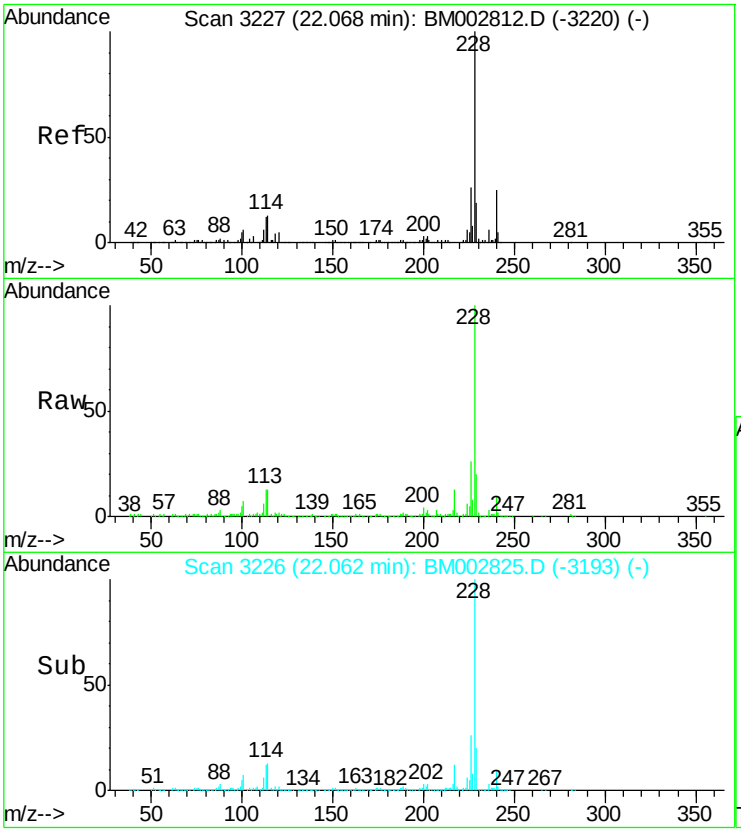


#80
Pyrene
Concen: 54.11 ng/ul
RT: 20.35 min Scan# 2935
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:202 Resp: 1119193

Ion	Ratio	Lower	Upper
202	100		
101	16.2	12.1	18.1
100	13.5	10.2	15.4



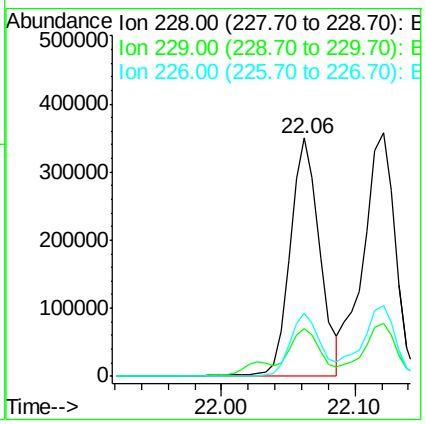


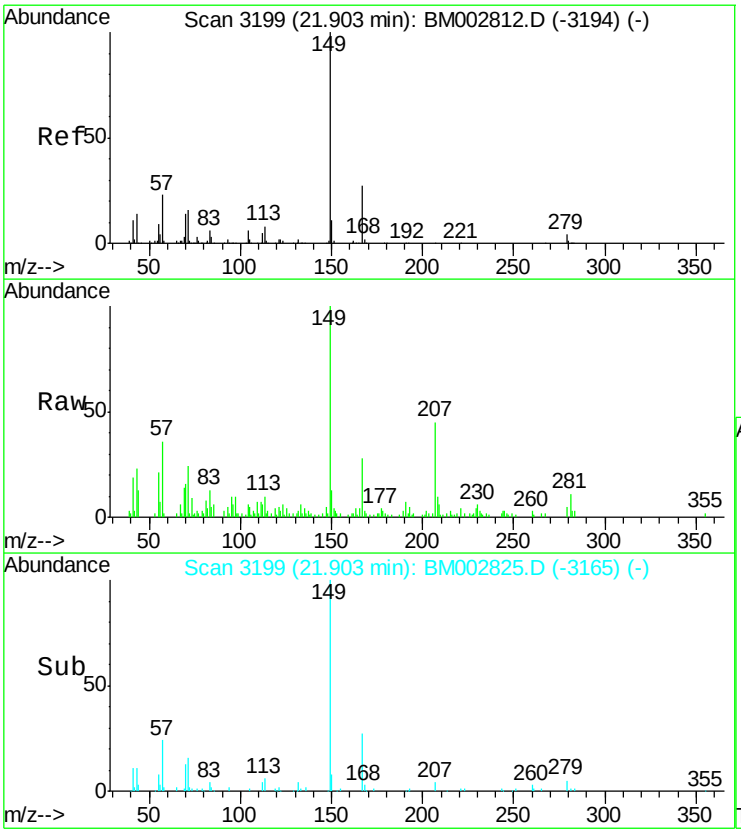
#83
Benzo(a)anthracene
Concen: 27.68 ng/ul
RT: 22.06 min Scan# 3226
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:228 Resp: 535840

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.1	24.1
226	26.4	20.9	31.3

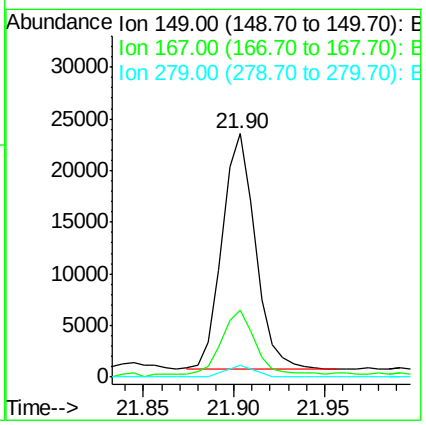


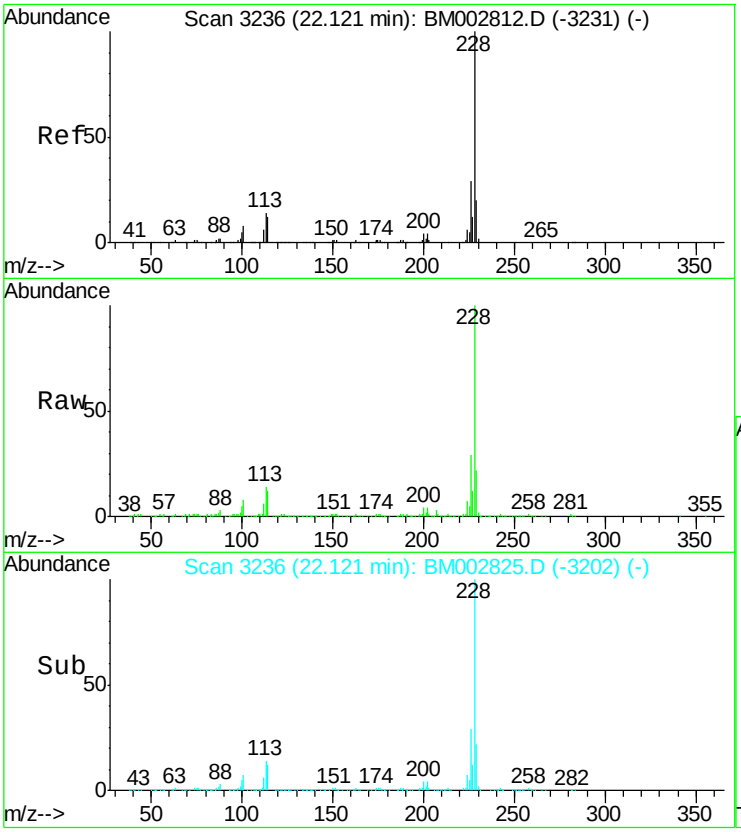


#84
Bis(2-ethylhexyl)phthalate
Concen: 2.08 ng/ul
RT: 21.90 min Scan# 3199
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:149 Resp: 29154

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.7	32.5
279	4.9	3.0	4.6#



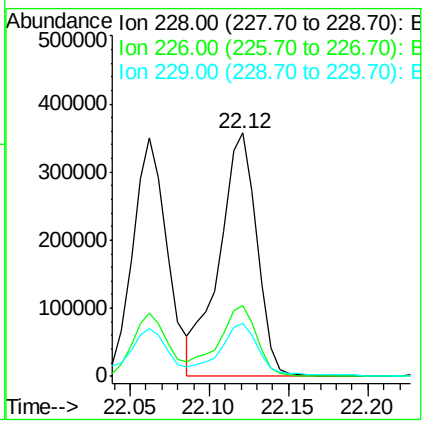


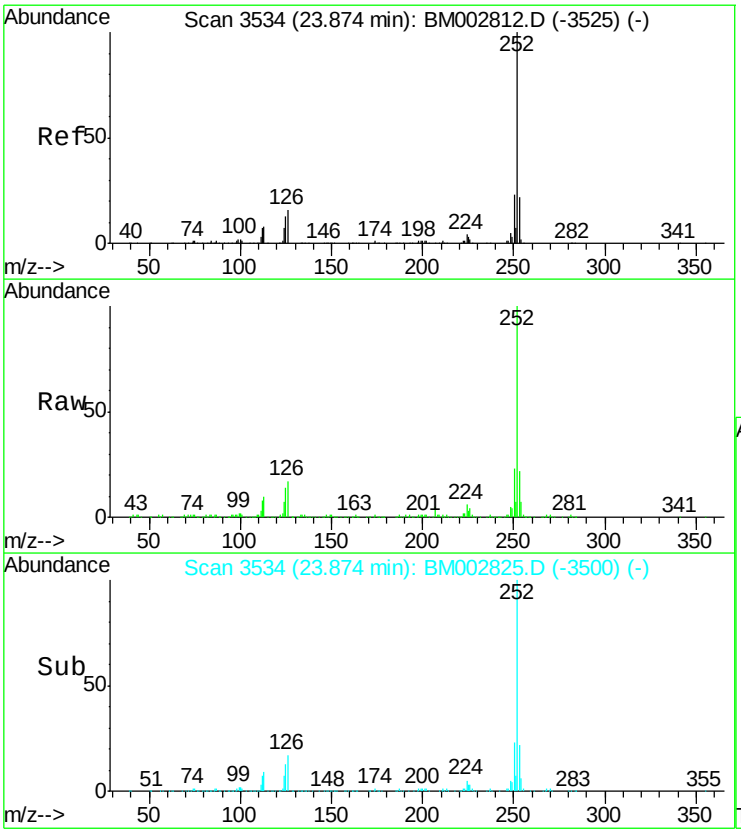
#85
Chrysene
Concen: 32.07 ng/ul
RT: 22.12 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:228 Resp: 585556

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.4	33.6
229	21.9	15.4	23.2

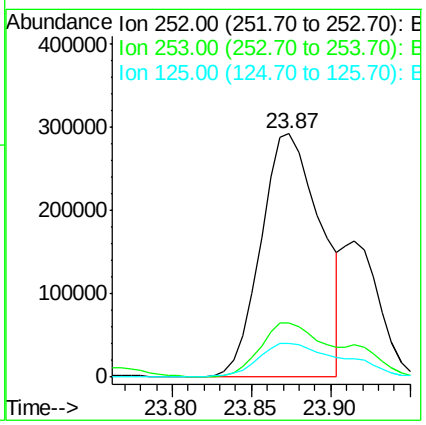


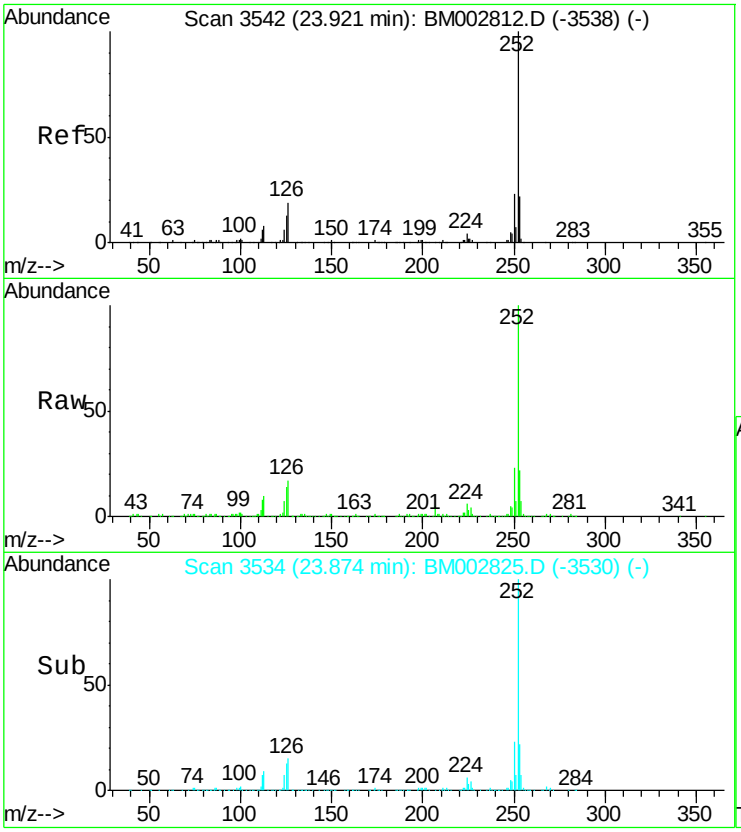


#88
Benzo(b)fluoranthene
Concen: 38.07 ng/ul
RT: 23.87 min Scan# 3534
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:252 Resp: 765189

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	13.8	10.6	15.8



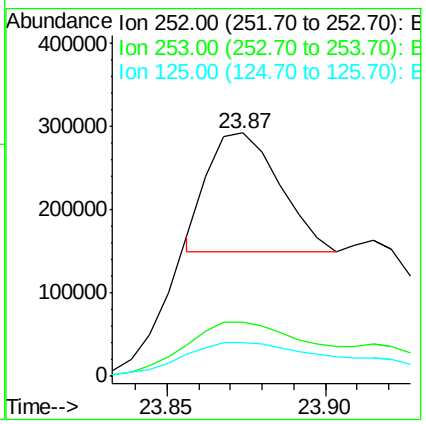


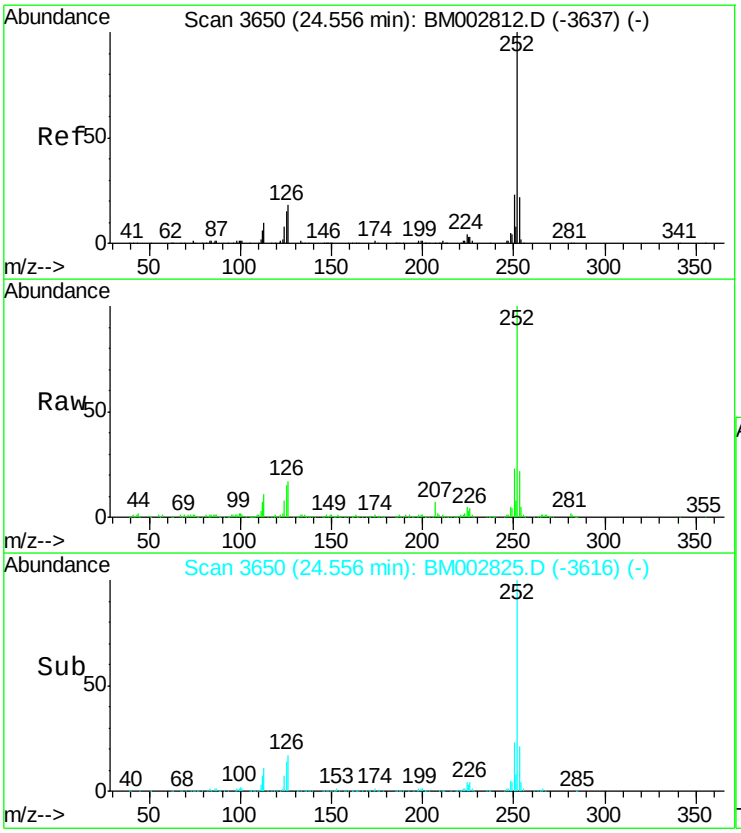
#89
Benzo(k)fluoranthene
Concen: 11.76 ng/ul
RT: 23.87 min Scan# 3534
Delta R.T. -0.05 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:252 Resp: 223706

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	13.8	10.0	15.0

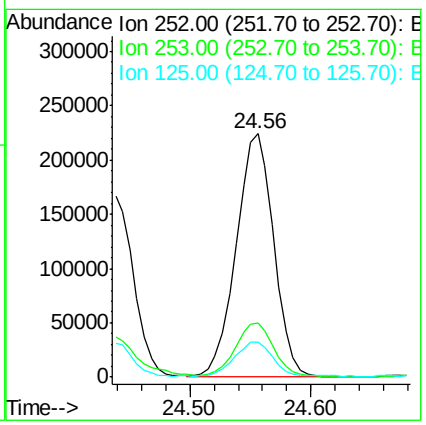


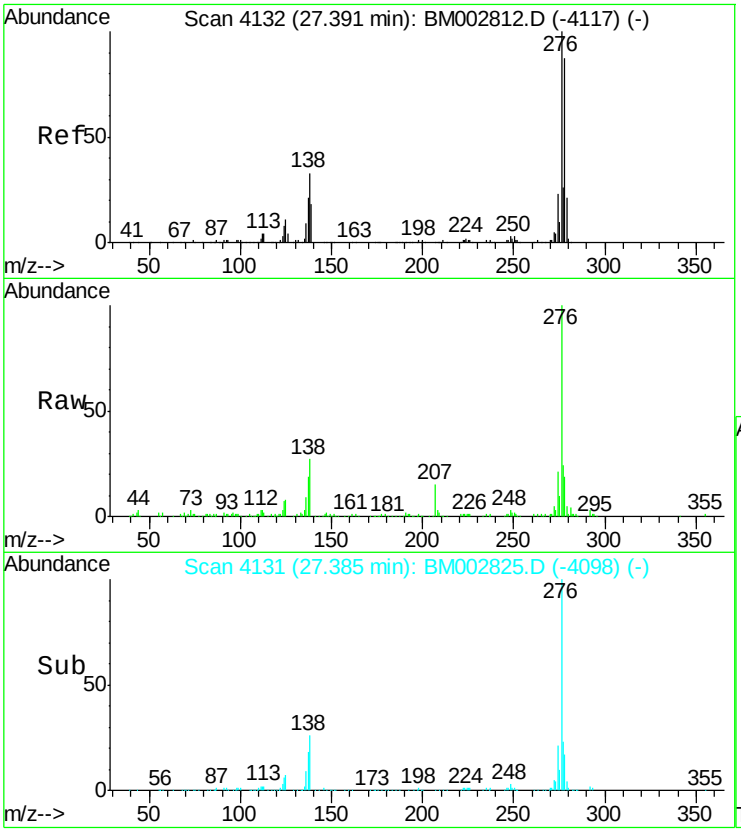


#91
Benzo(a)pyrene
Concen: 24.98 ng/ul
RT: 24.56 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:252 Resp: 482244

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	14.6	11.4	17.2



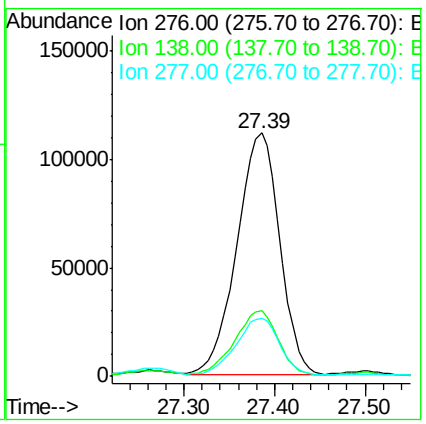


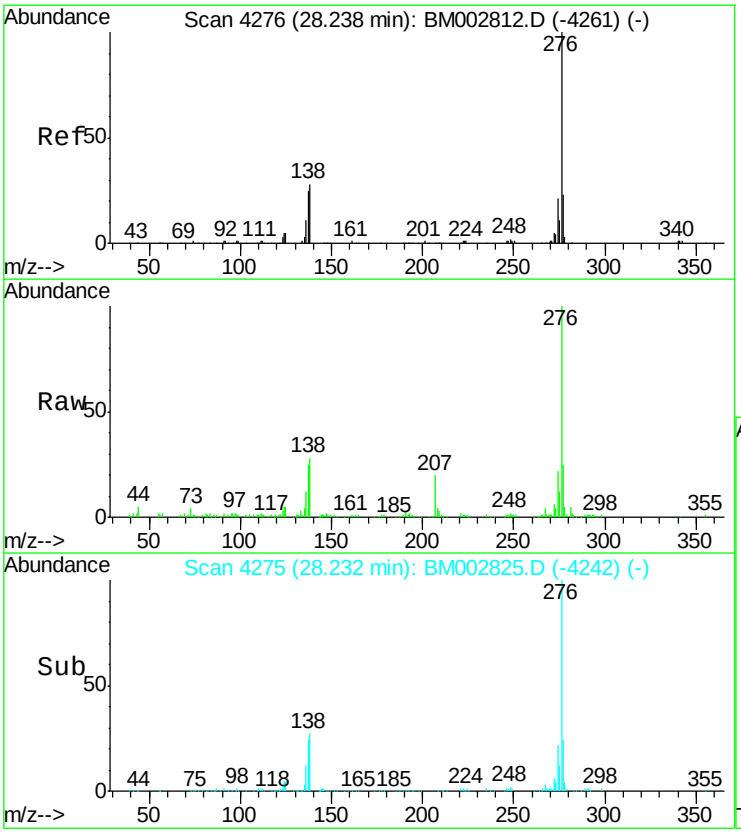
#92
Indeno(1,2,3-cd)pyrene
Concen: 16.23 ng/ul
RT: 27.39 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Instrument :
BNA_M
ClientSampleId :
D9G75DL

Tgt Ion:276 Resp: 365399

Ion	Ratio	Lower	Upper
276	100		
138	27.0	27.7	41.5#
277	24.1	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 16.24 ng/ul
RT: 28.23 min Scan# 4275
Delta R.T. -0.01 min
Lab File: BM002825.D
Acq: 02 Oct 2015 04:04

Tgt Ion:276 Resp: 308003

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.8	32.8
277	24.5	18.9	28.3