Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089748.D
Acq On : 5 Mar 2015 17:31
Operator : TP/JJ
Sample : MDL-06-S
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 09:40:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration

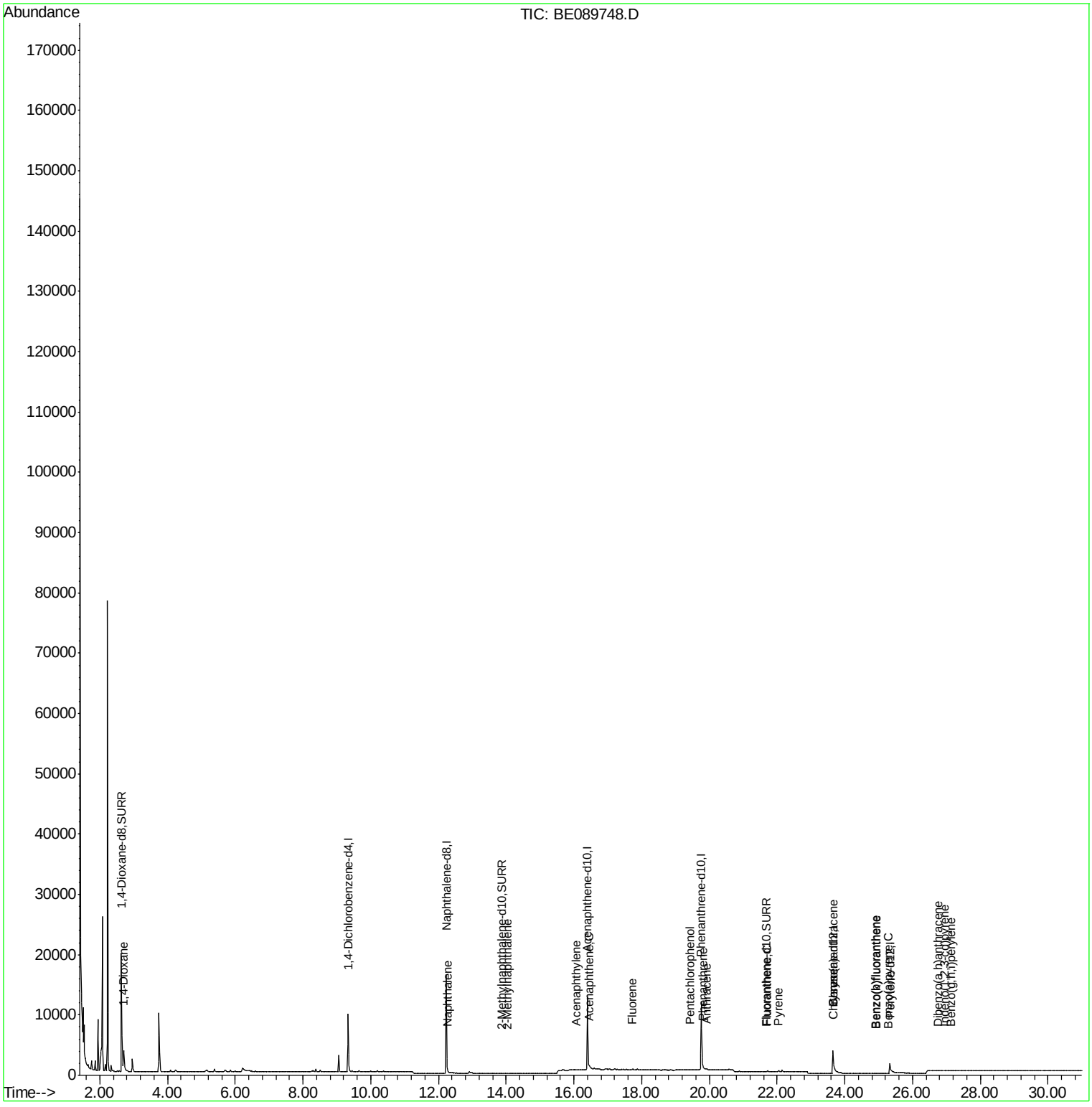
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	4603	0.40	ng/ul	0.00
4) Naphthalene-d8	12.23	136	19364	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	8353	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	14490	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	7562	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	3024	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.63	96	11583	1.91	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.86	152	3	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.68	212	4	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.70	88	2807	0.40	ng/ul#	83
5) Naphthalene	12.28	128	38	0.00	ng/ul#	1
7) 2-Methylnaphthalene	14.02	142	4	0.00	ng/ul	83
9) Acenaphthylene	16.06	152	106	0.00	ng/ul#	1
10) Acenaphthene	16.46	153	359	0.00	ng/ul#	43
11) Fluorene	17.73	166	68	0.00	ng/ul#	53
13) Pentachlorophenol	19.43	266	17	0.03	ng/ul#	64
14) Phenanthrene	19.81	178	341	0.00	ng/ul#	1
15) Anthracene	19.90	178	162	0.00	ng/ul#	1
17) Fluoranthene	21.72	202	228	0.00	ng/ul#	1
19) Pyrene	22.04	202	241	0.00	ng/ul#	8
20) Benzo(a)anthracene	23.64	228	30	0.00	ng/ul#	1
21) Chrysene	23.68	228	45	0.00	ng/ul#	1
23) Benzo(b)fluoranthene	24.90	252	17	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	24.94	252	12	0.00	ng/ul#	1
25) Benzo(a)pyrene	25.28	252	18	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.93	276	19	0.00	ng/ul	98
27) Dibenzo(a,h)anthracene	26.76	278	4	0.00	ng/ul#	1
28) Benzo(g,h,i)perylene	27.14	276	44	0.00	ng/ul#	1

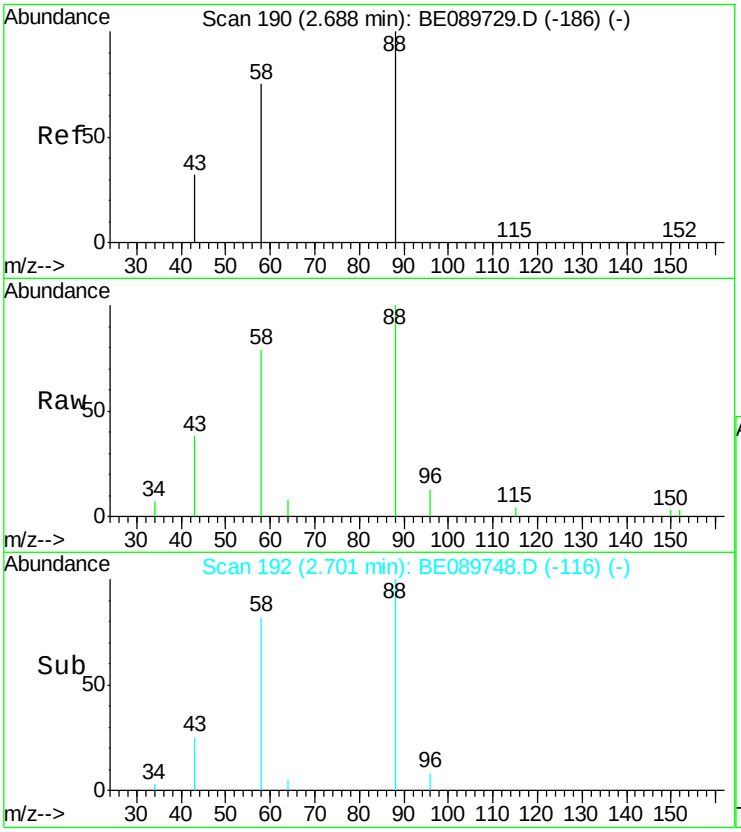
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089748.D
Acq On : 5 Mar 2015 17:31
Operator : TP/JJ
Sample : MDL-06-S
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 06 09:40:52 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM01.2-EPA-SIM-BE030315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 14:17:55 2015
Response via : Initial Calibration

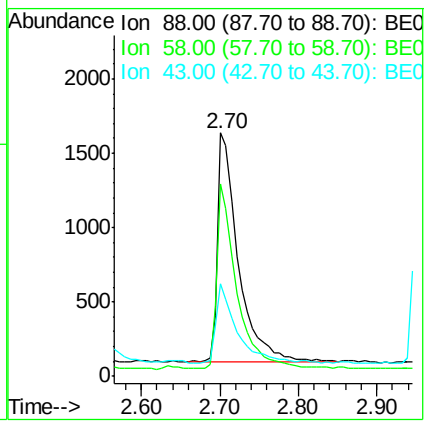


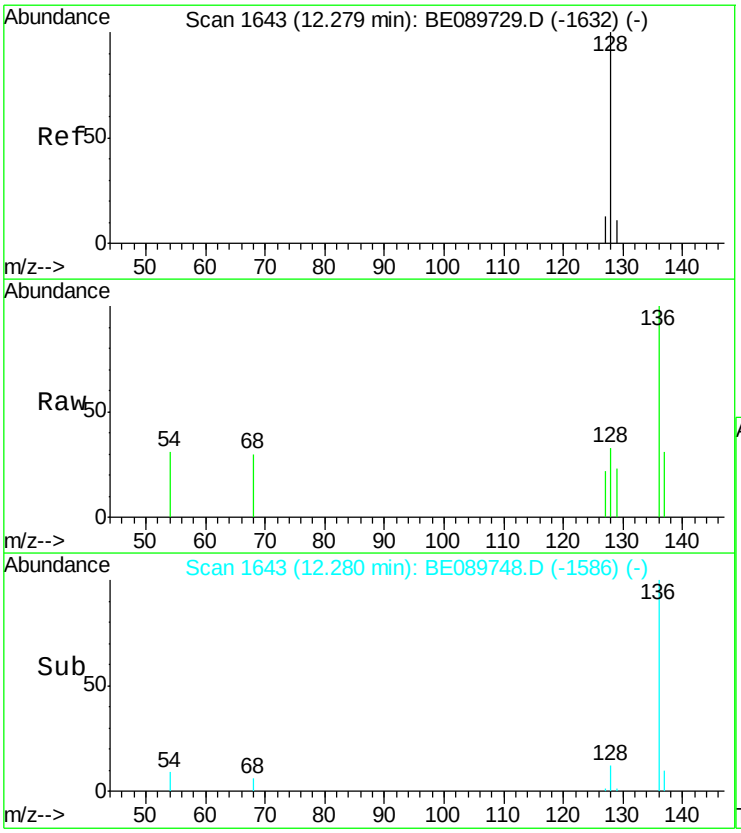


#3
1,4-Dioxane
Concen: 0.40 ng/ul
RT: 2.70 min Scan# 192
Delta R.T. 0.02 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion: 88 Resp: 2807

Ion	Ratio	Lower	Upper
88	100		
58	76.7	61.3	91.9
43	0.0	26.1	39.1#

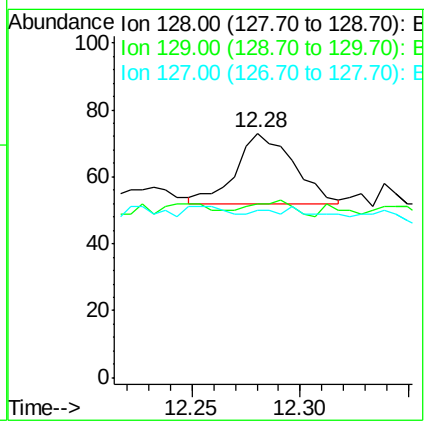


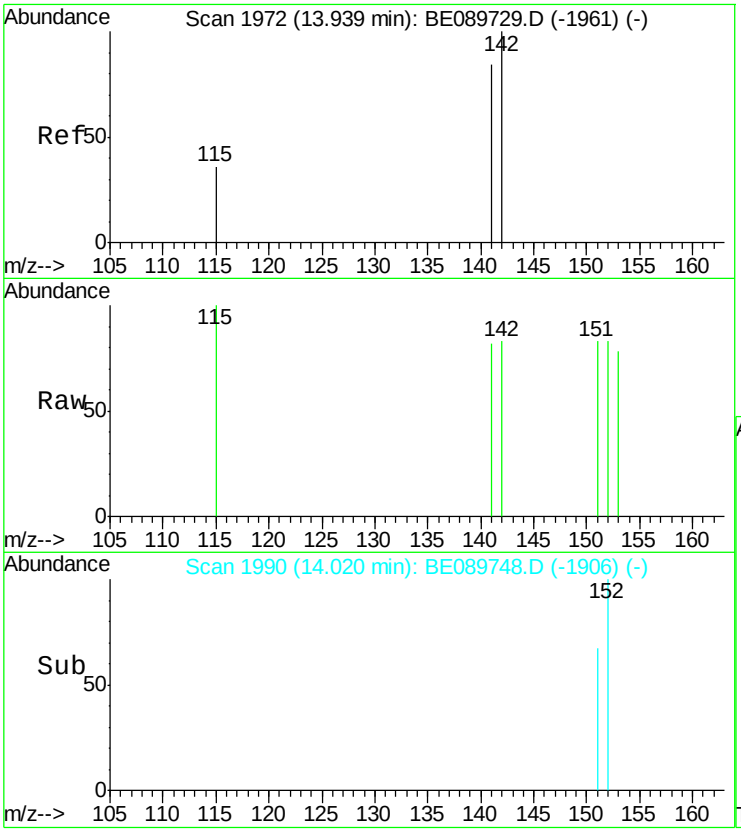


#5
Naphthalene
Concen: 0.00 ng/ul
RT: 12.28 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:128 Resp: 38

Ion	Ratio	Lower	Upper
128	100		
129	71.2	9.0	13.6#
127	68.5	10.2	15.4#

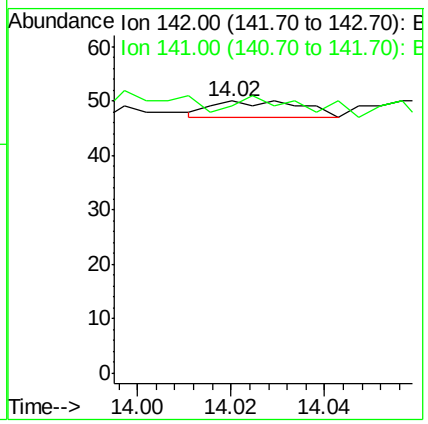


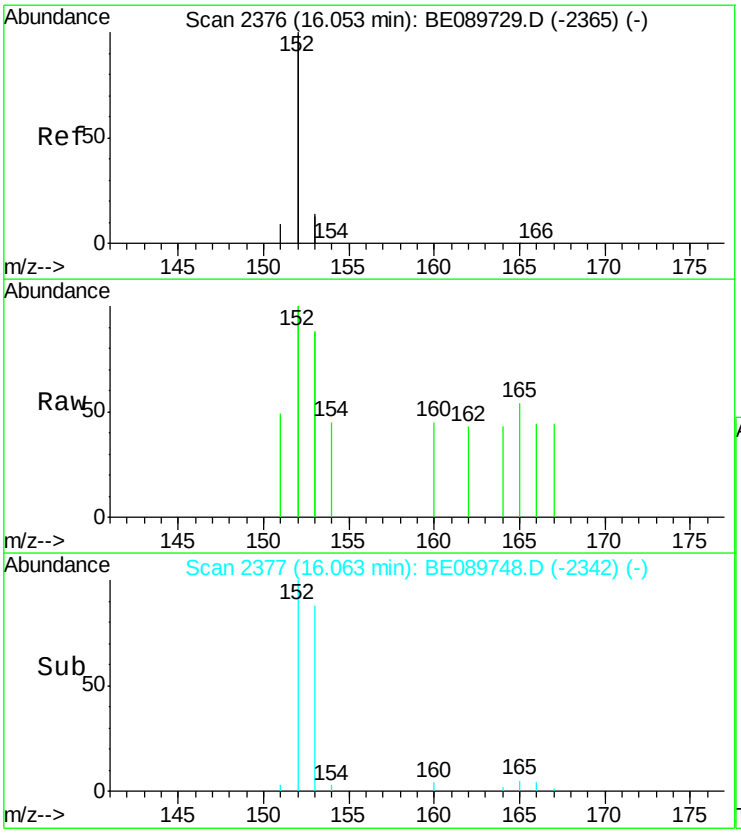


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 14.02 min Scan# 1990
Delta R.T. 0.08 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:142 Resp: 4

Ion	Ratio	Lower	Upper
142	100		
141	100.0	67.4	101.0

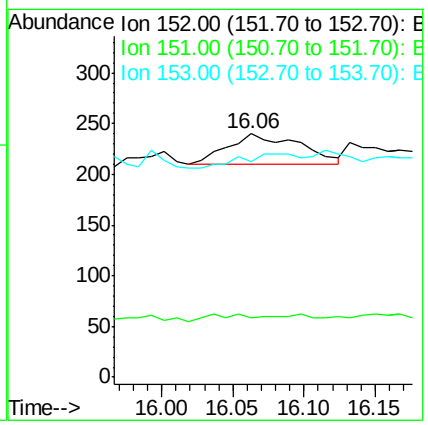


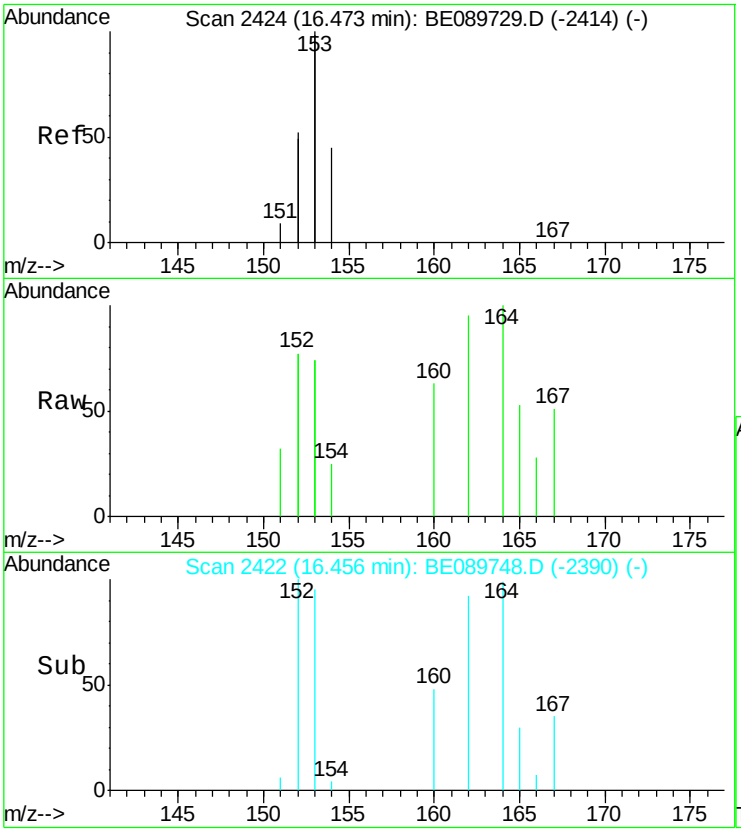


#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 16.06 min Scan# 2377
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:152 Resp: 106

Ion	Ratio	Lower	Upper
152	100		
151	24.6	3.8	5.8#
153	88.3	11.4	17.0#

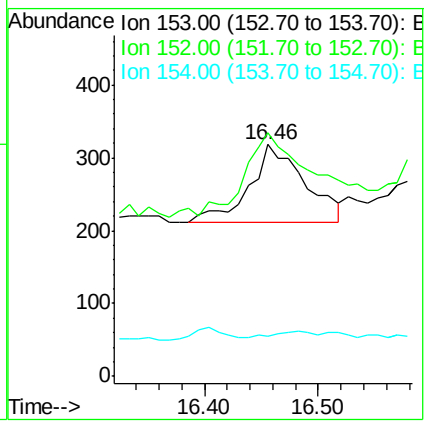


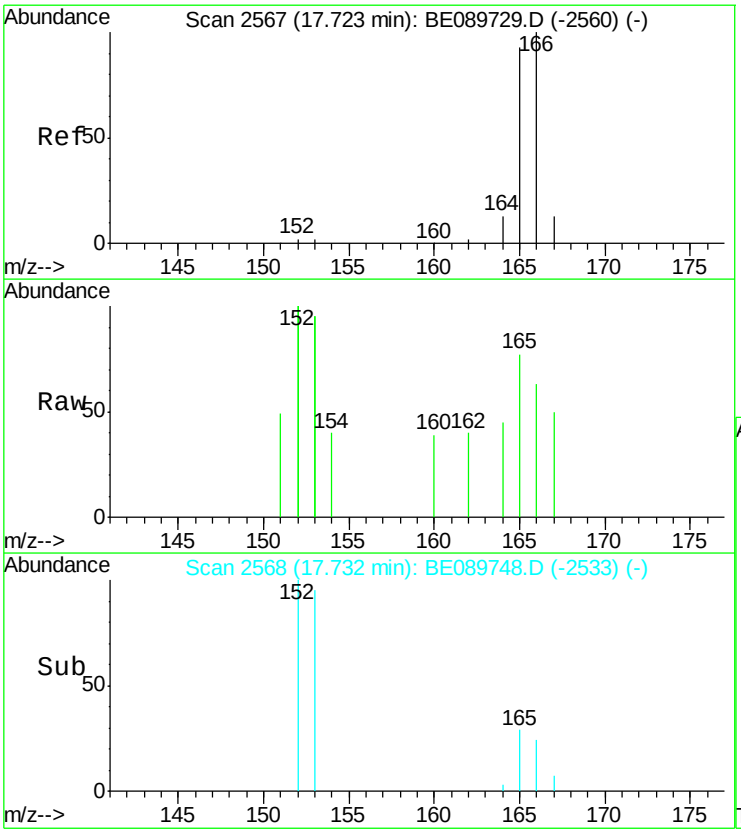


#10
Acenaphthene
Concen: 0.00 ng/ul
RT: 16.46 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:153 Resp: 359

Ion	Ratio	Lower	Upper
153	100		
152	105.0	41.2	61.8#
154	17.3	18.2	27.2#

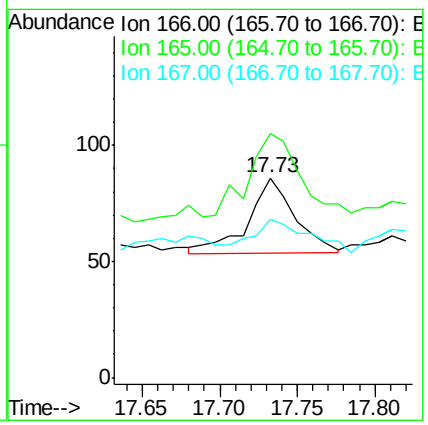


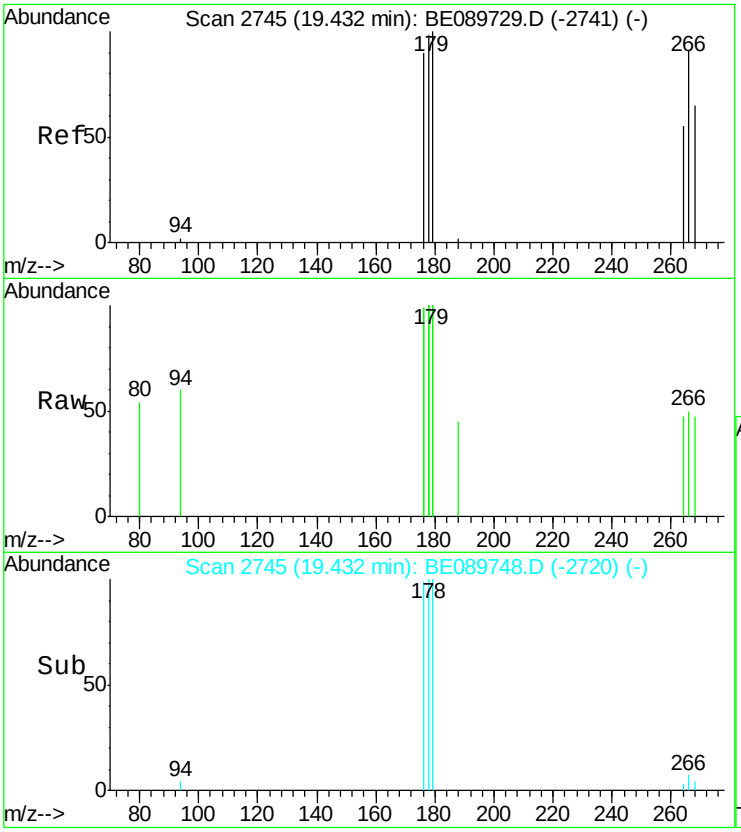


#11
Fluorene
Concen: 0.00 ng/ul
RT: 17.73 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:166 Resp: 68

Ion	Ratio	Lower	Upper
166	100		
165	122.1	74.9	112.3#
167	79.1	11.5	17.3#

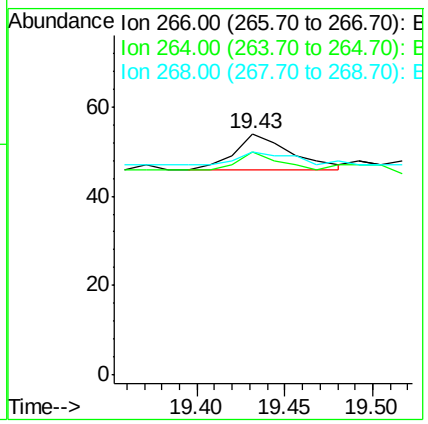


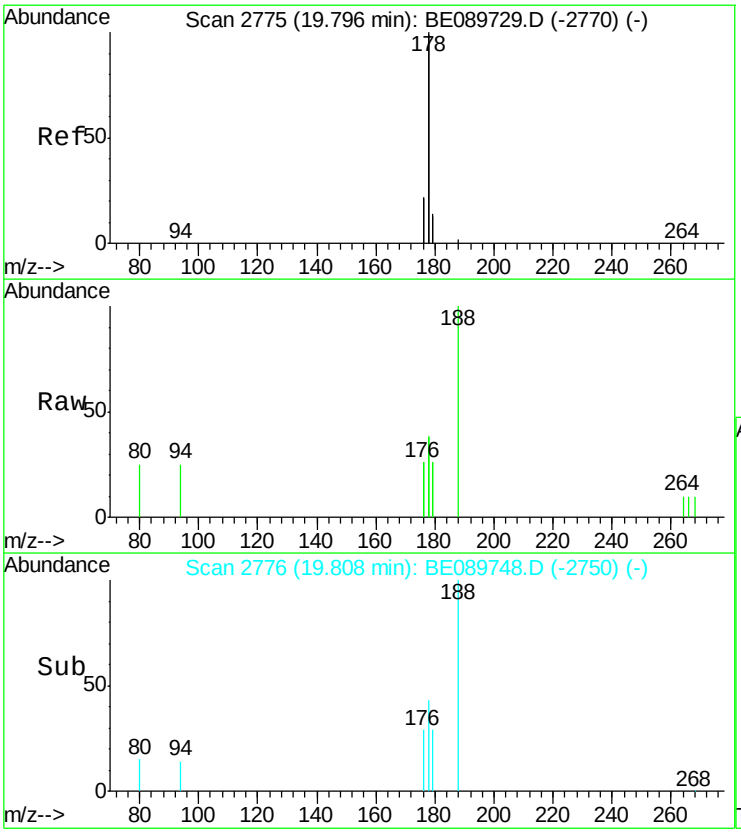


#13
Pentachlorophenol
Concen: 0.03 ng/ul
RT: 19.43 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
264	58.8	49.4	74.2
268	111.8	47.9	71.9#

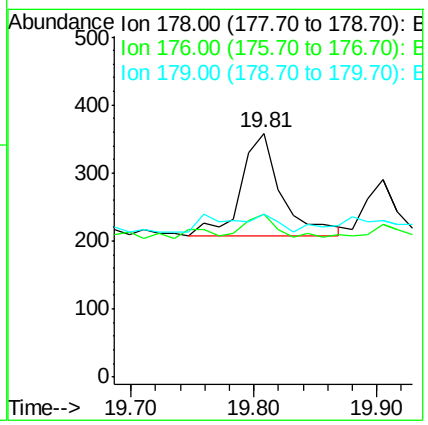


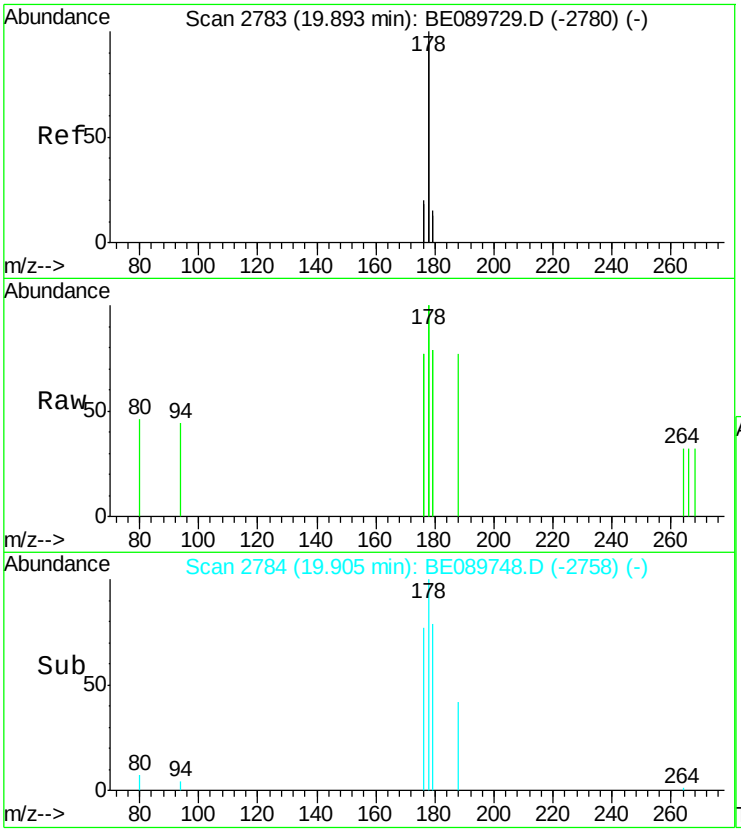


#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 19.81 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:178 Resp: 341

Ion	Ratio	Lower	Upper
178	100		
176	67.0	17.6	26.4#
179	67.0	11.6	17.4#

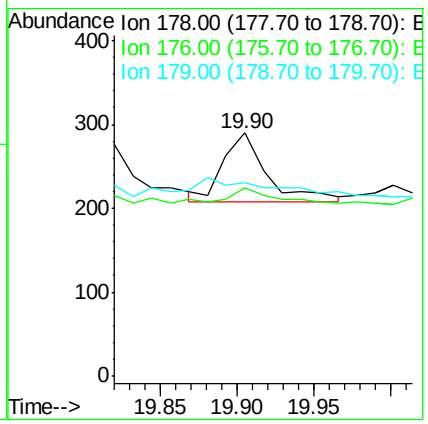


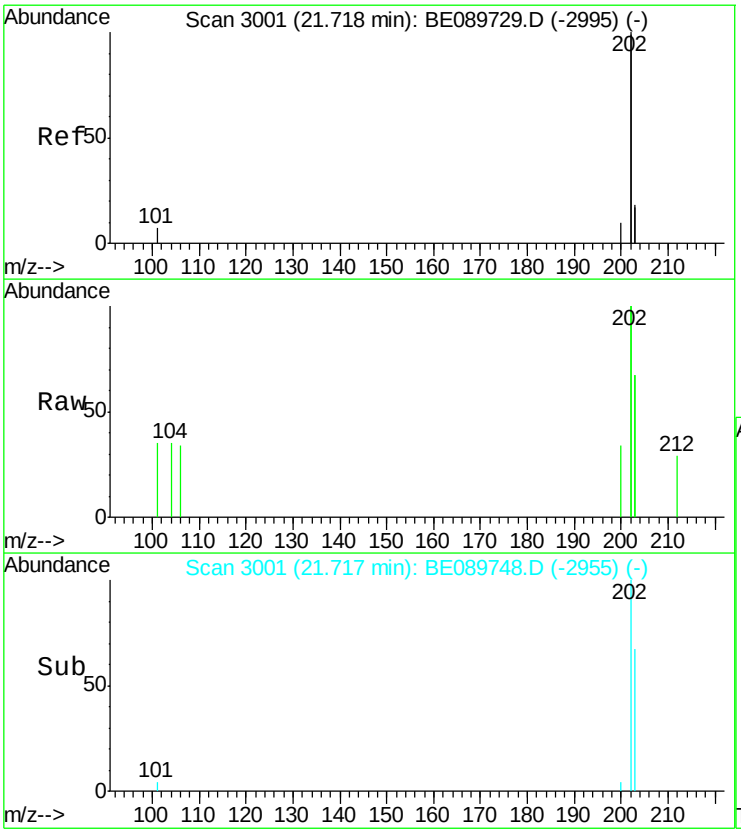


#15
Anthracene
Concen: 0.00 ng/ul
RT: 19.90 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:178 Resp: 162

Ion	Ratio	Lower	Upper
178	100		
176	77.2	15.8	23.6#
179	79.3	12.0	18.0#

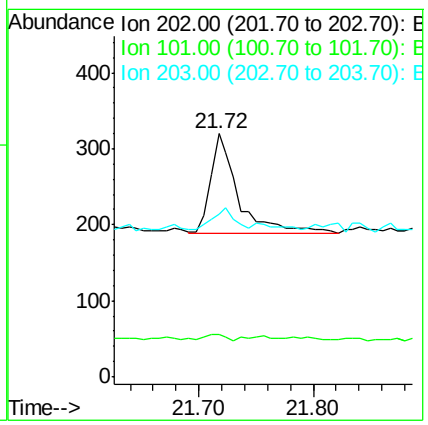


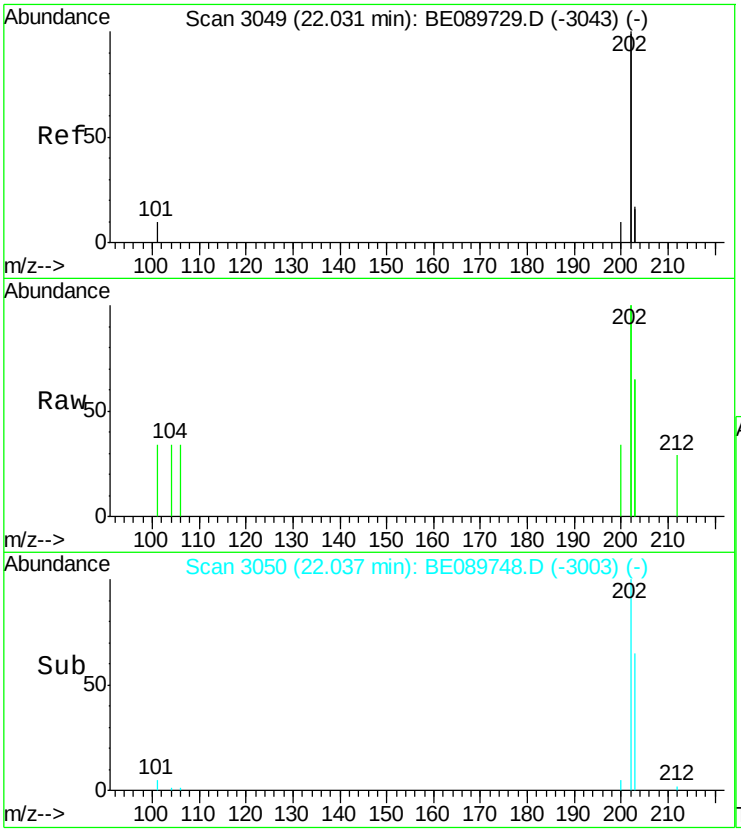


#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 21.72 min Scan# 3001
Delta R.T. 0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:202 Resp: 228

Ion	Ratio	Lower	Upper
202	100		
101	17.5	0.0	24.2
203	66.9	0.0	37.0#

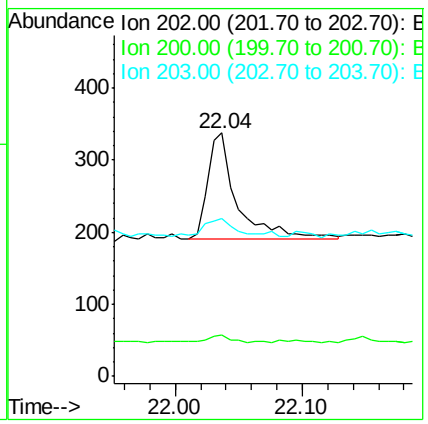


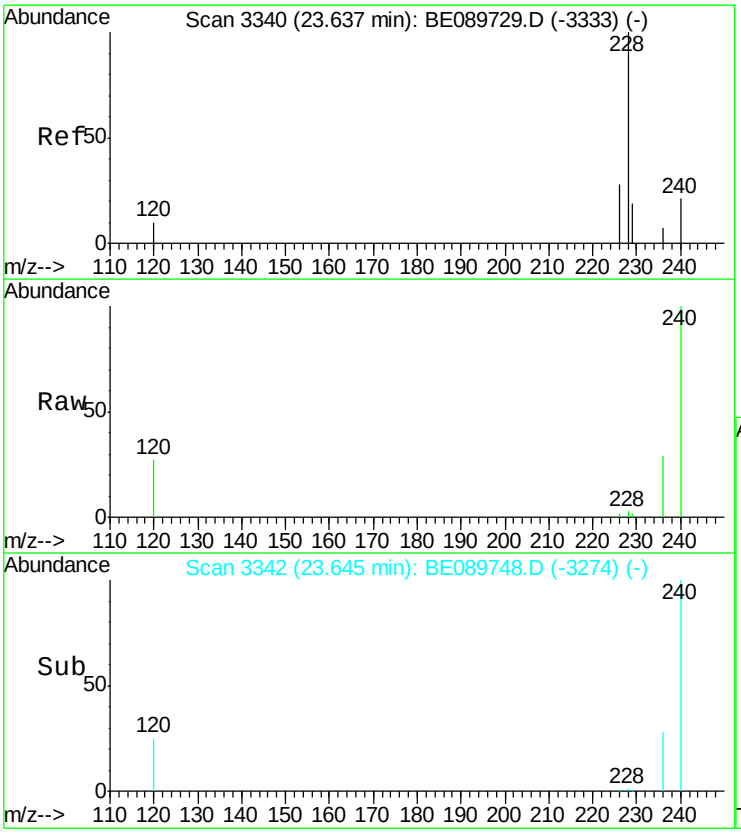


#19
Pyrene
Concen: 0.00 ng/ul
RT: 22.04 min Scan# 3050
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:202 Resp: 241

Ion	Ratio	Lower	Upper
202	100		
200	16.9	4.4	6.6#
203	65.1	13.6	20.4#

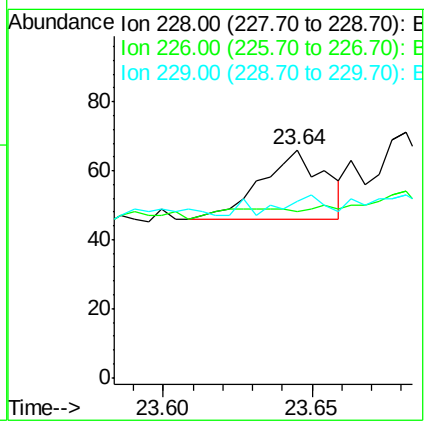


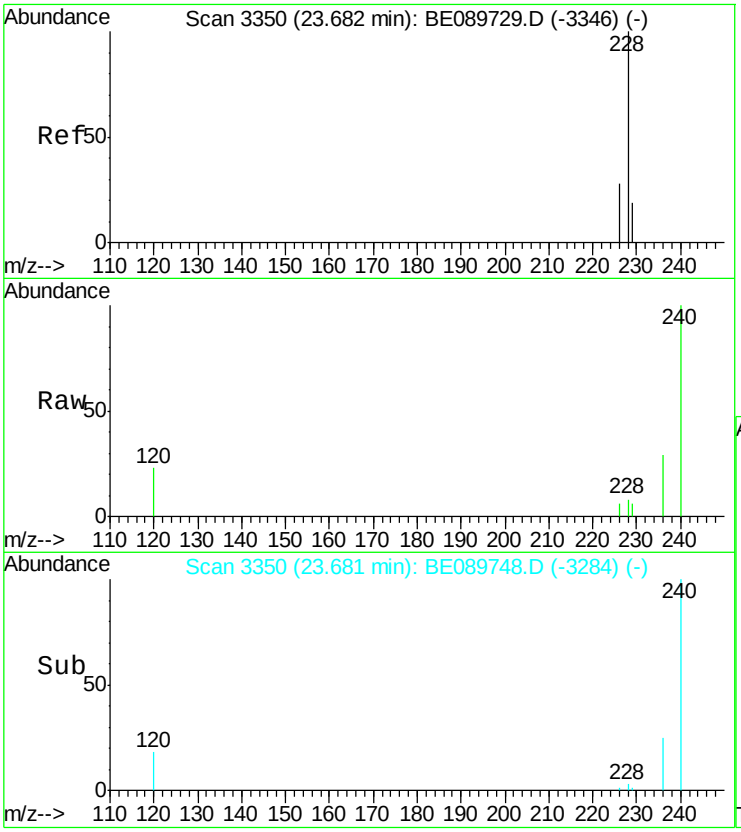


#20
Benzo(a)anthracene
Concen: 0.00 ng/ul
RT: 23.64 min Scan# 3342
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:228 Resp: 30

Ion	Ratio	Lower	Upper
228	100		
226	72.7	22.8	34.2#
229	77.3	16.2	24.2#

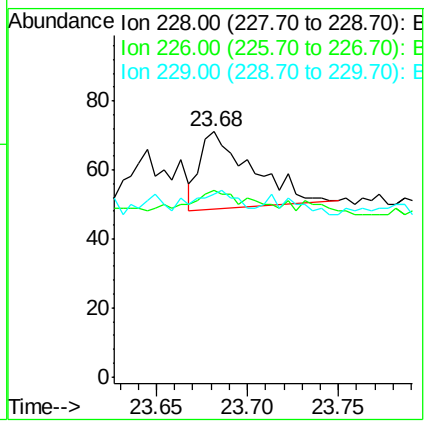


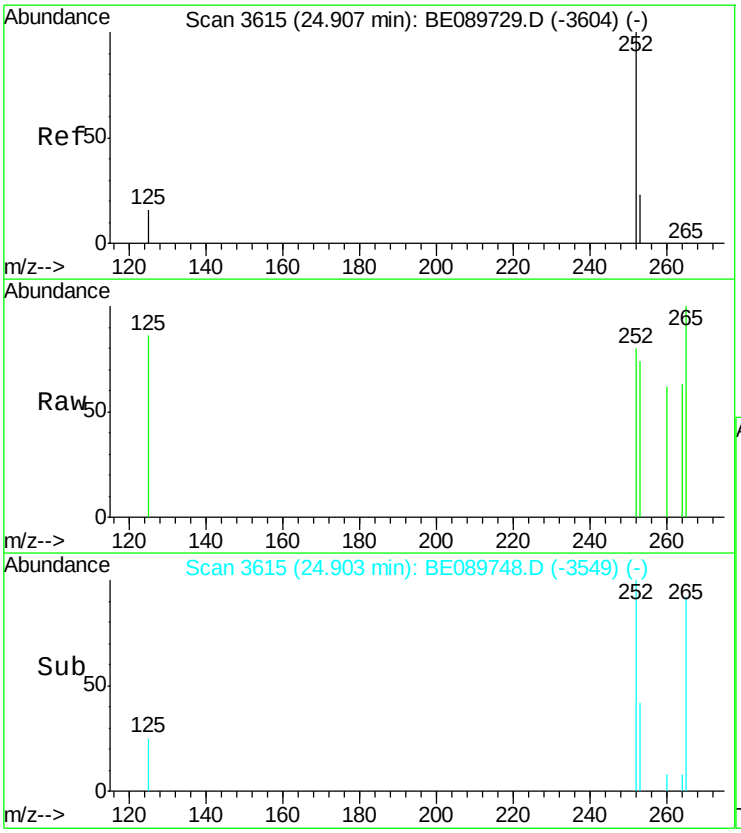


#21
Chrysene
Concen: 0.00 ng/ul
RT: 23.68 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:228 Resp: 45

Ion	Ratio	Lower	Upper
228	100		
226	76.1	23.7	35.5#
229	74.6	15.5	23.3#

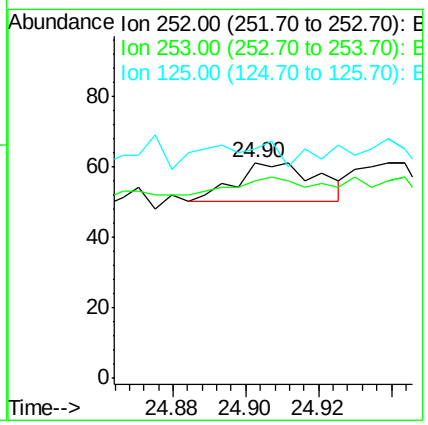


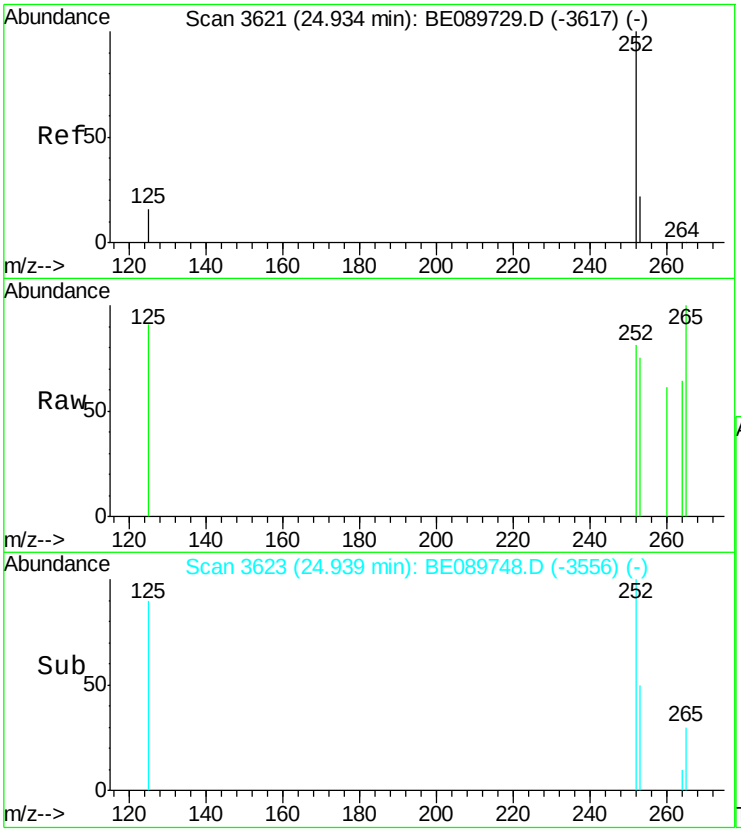


#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 24.90 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
253	91.8	0.0	47.0#
125	106.6	0.0	37.8#

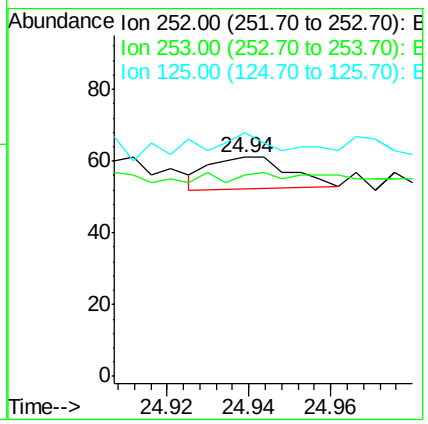


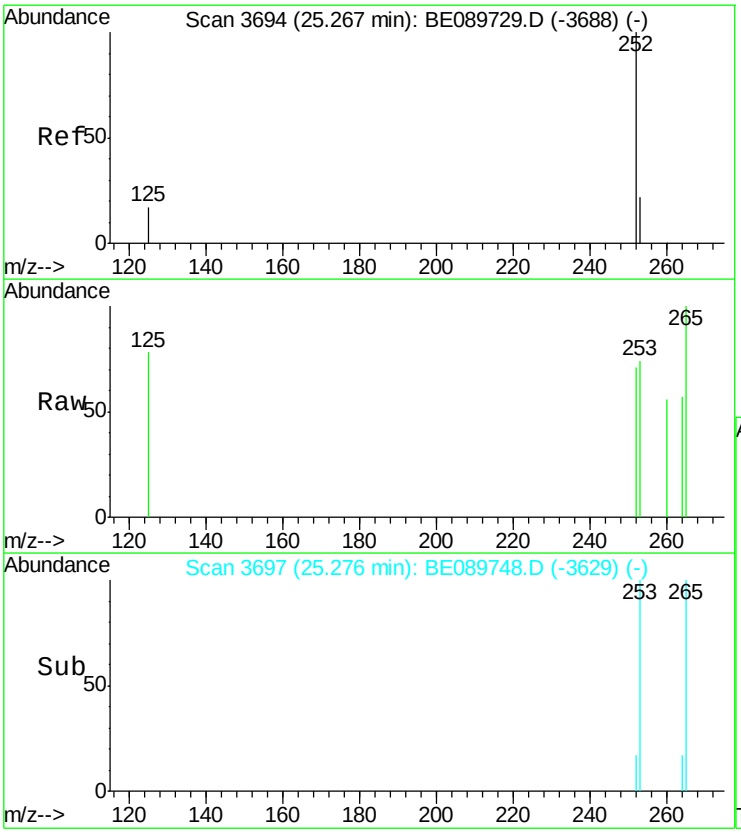


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 24.94 min Scan# 3623
Delta R.T. 0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:252 Resp: 12

Ion	Ratio	Lower	Upper
252	100		
253	91.8	18.2	27.4#
125	111.5	14.6	22.0#

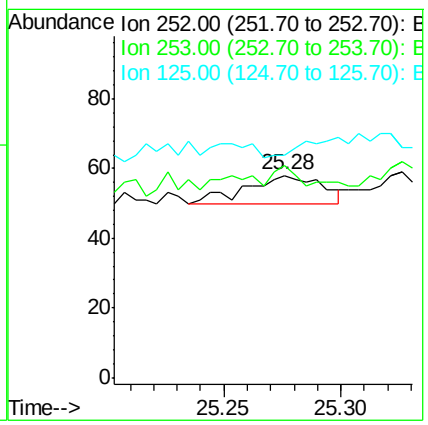


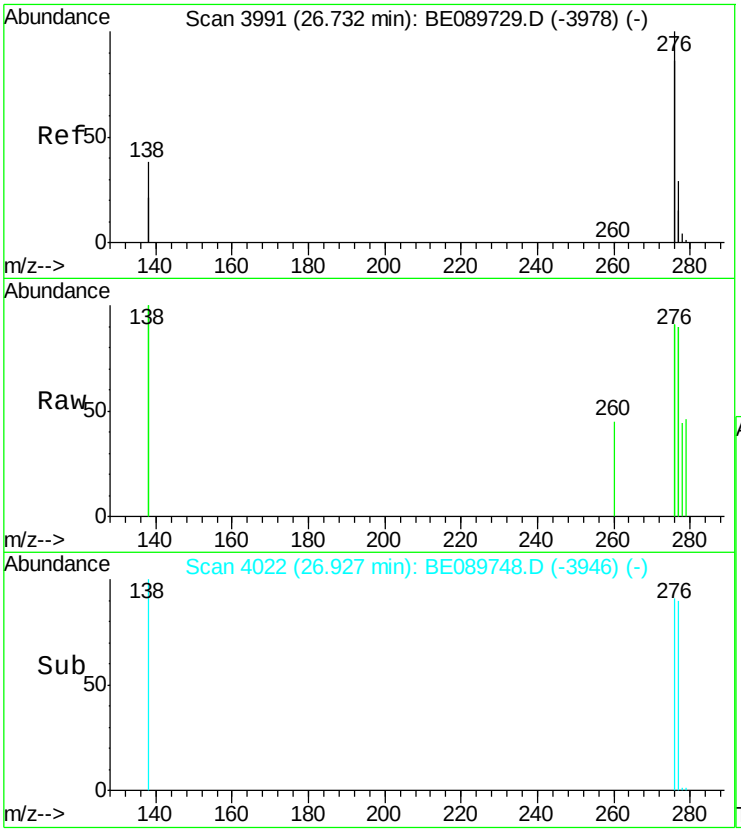


#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 25.28 min Scan# 3697
Delta R.T. 0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:252 Resp: 18

Ion	Ratio	Lower	Upper
252	100		
253	105.2	19.8	29.6#
125	110.3	16.0	24.0#

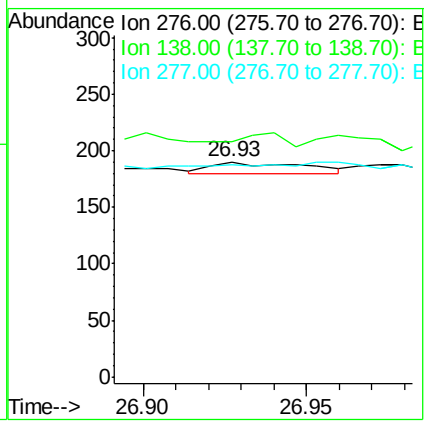


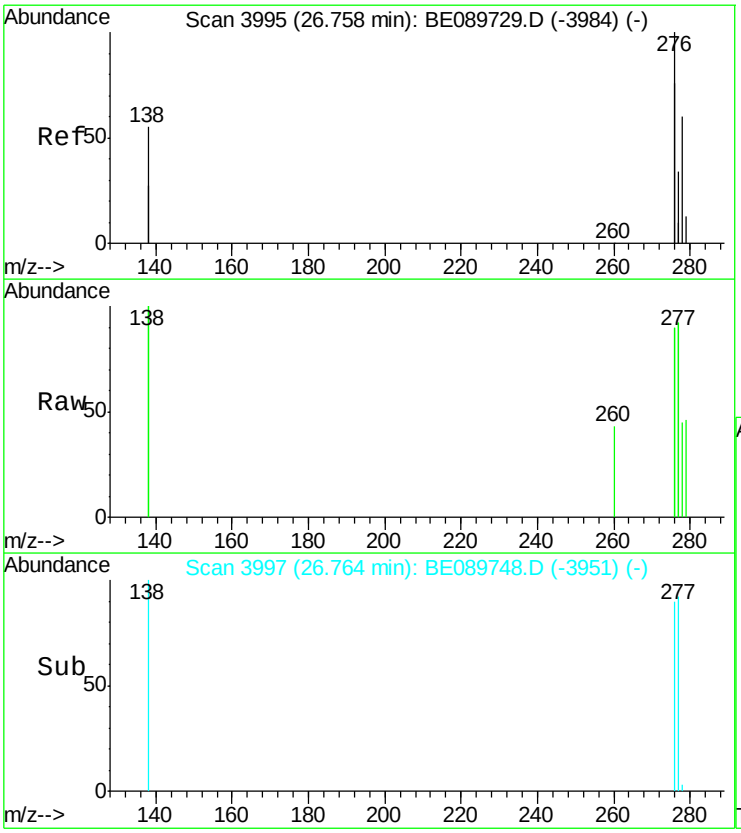


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 26.93 min Scan# 4022
Delta R.T. 0.20 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:276 Resp: 19

Ion	Ratio	Lower	Upper
276	100		
138	47.4	36.8	55.2
277	26.3	20.6	31.0

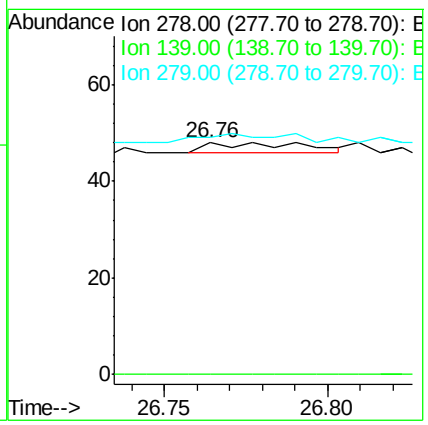


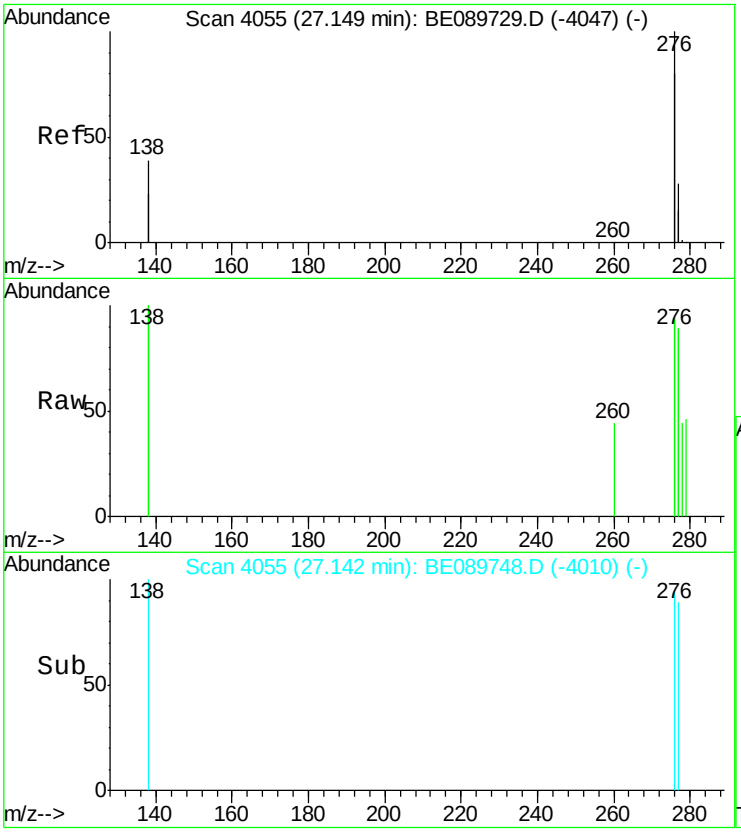


#27
Dibenzo(a,h)anthracene
Concen: 0.00 ng/ul
RT: 26.76 min Scan# 3997
Delta R.T. 0.00 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	102.1	25.4	38.2#





#28
Benzo(g,h,i)perylene
Concen: 0.00 ng/ul
RT: 27.14 min Scan# 4055
Delta R.T. -0.01 min
Lab File: BE089748.D
Acq: 5 Mar 2015 17:31

Tgt Ion:276 Resp: 44

Ion	Ratio	Lower	Upper
276	100		
277	94.0	21.4	32.2#
138	106.0	31.4	47.0#