Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089743.D
Acq On : 5 Mar 2015 14:17
Operator : TP/JJ
Sample : MDL-01-S
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 09:40:02 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

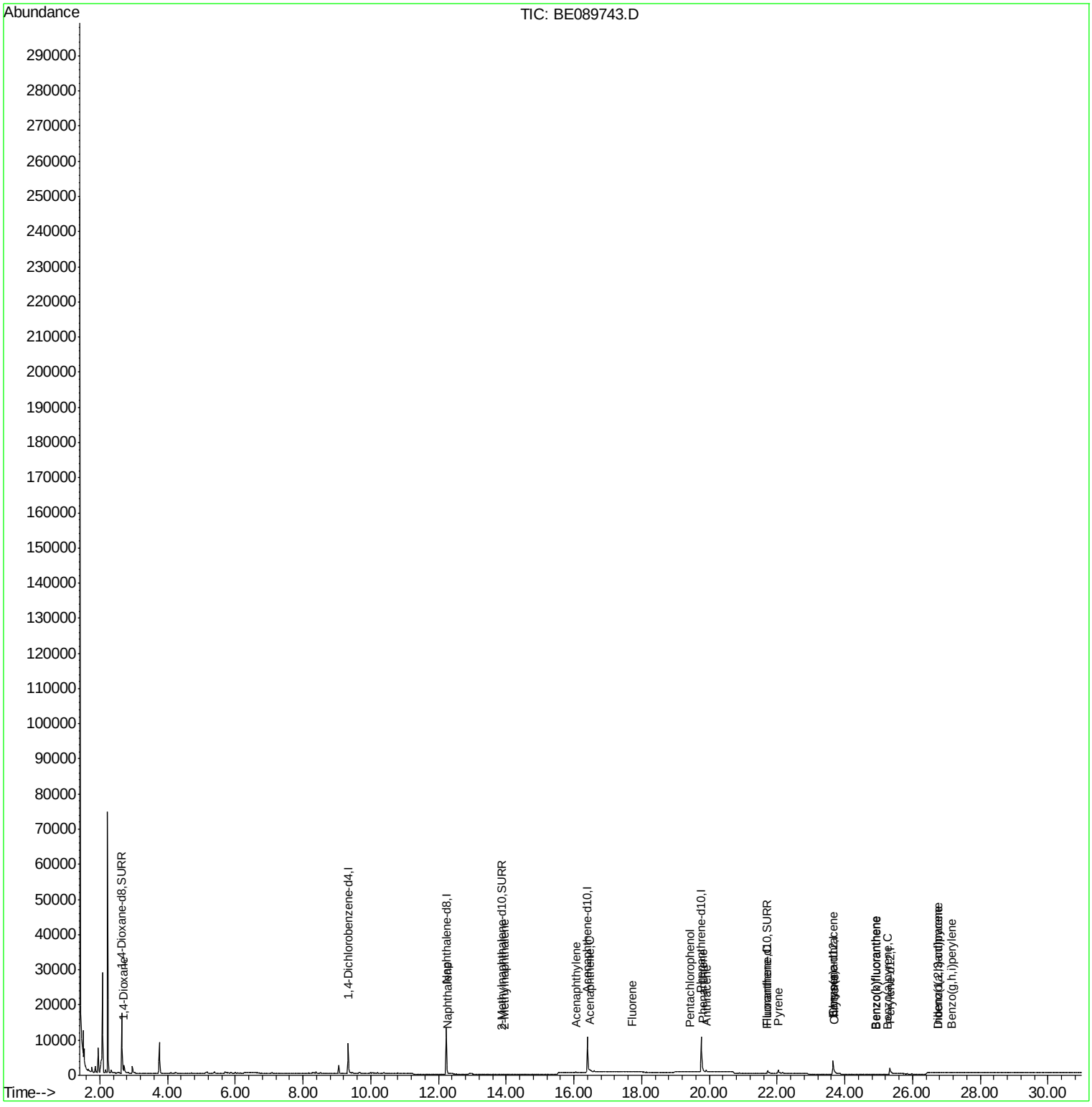
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	4051	0.40	ng/ul	0.00
4) Naphthalene-d8	12.23	136	16969	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	7193	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	13169	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	6707	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	3665	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.64	96	9726	1.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	3	0.00	ng/ul	0.00
16) Fluoranthene-d10	21.69	212	15	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.71	88	1889	0.31	ng/ul#	81
5) Naphthalene	12.28	128	66	0.00	ng/ul#	1
7) 2-Methylnaphthalene	13.94	142	40	0.00	ng/ul	93
9) Acenaphthylene	16.05	152	265	0.00	ng/ul#	1
10) Acenaphthene	16.46	153	441	0.01	ng/ul#	42
11) Fluorene	17.73	166	107	0.01	ng/ul#	51
13) Pentachlorophenol	19.43	266	25	0.05	ng/ul	96
14) Phenanthrene	19.81	178	1110	0.01	ng/ul#	53
15) Anthracene	19.91	178	637	0.01	ng/ul#	29
17) Fluoranthene	21.72	202	1023	0.01	ng/ul	60
19) Pyrene	22.04	202	1117	0.01	ng/ul#	64
20) Benzo(a)anthracene	23.64	228	100	0.01	ng/ul#	27
21) Chrysene	23.68	228	214	0.01	ng/ul#	45
23) Benzo(b)fluoranthene	24.91	252	52	0.01	ng/ul#	1
24) Benzo(k)fluoranthene	24.93	252	63	0.01	ng/ul#	1
25) Benzo(a)pyrene	25.27	252	43	0.01	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	26.74	276	133	0.01	ng/ul#	65
27) Dibenzo(a,h)anthracene	26.77	278	17	0.01	ng/ul#	1
28) Benzo(g,h,i)perylene	27.15	276	161	0.01	ng/ul#	5

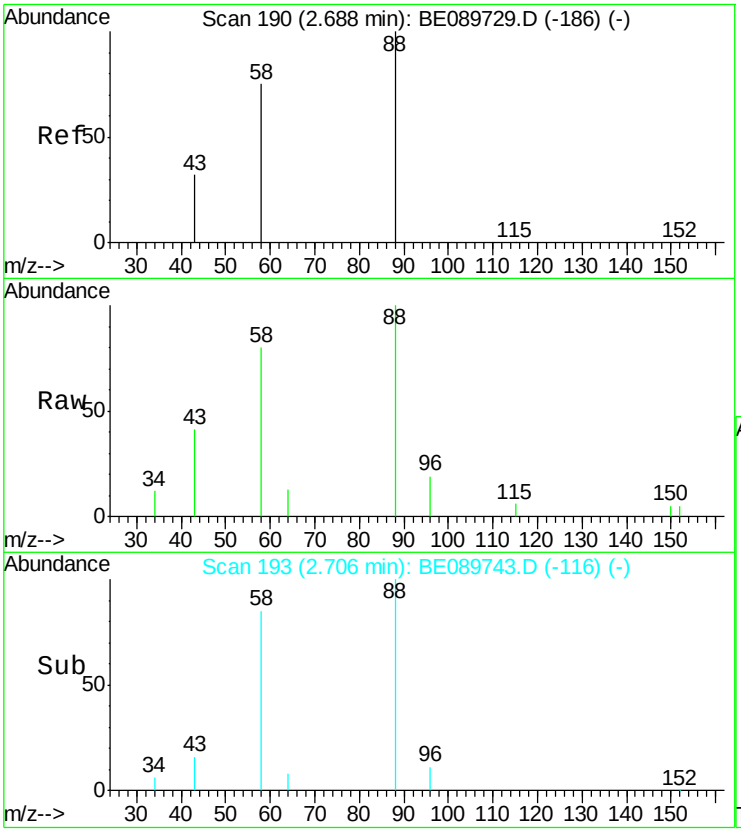
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE030515\
Data File : BE089743.D
Acq On : 5 Mar 2015 14:17
Operator : TP/JJ
Sample : MDL-01-S
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 09:40:02 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

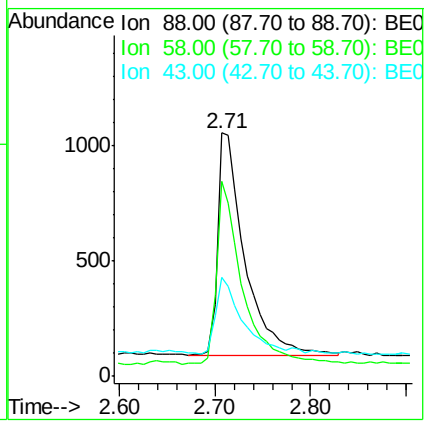


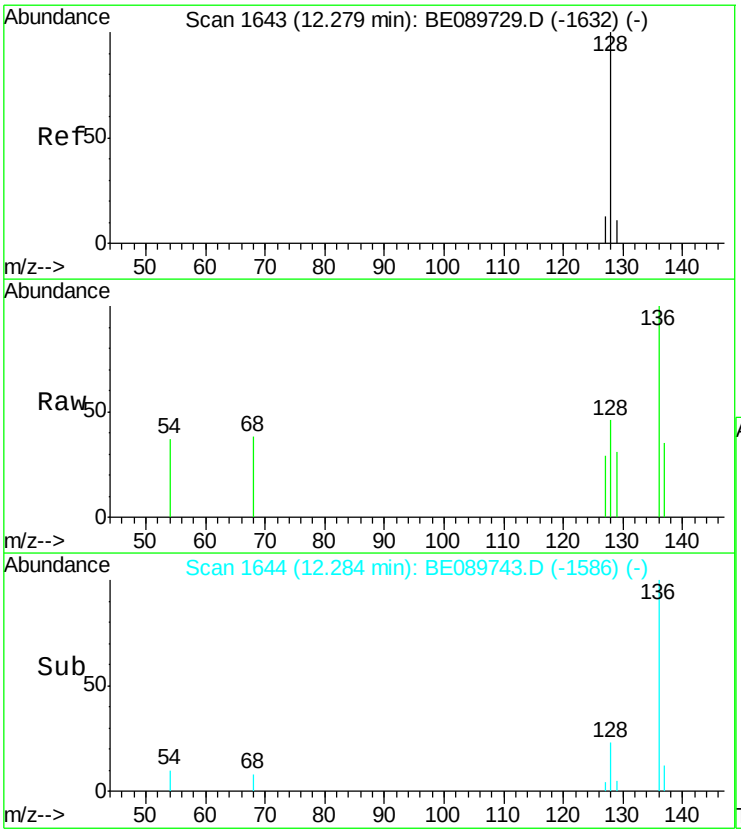


#3
1,4-Dioxane
Concen: 0.31 ng/ul
RT: 2.71 min Scan# 193
Delta R.T. 0.02 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion: 88 Resp: 1889

Ion	Ratio	Lower	Upper
88	100		
58	78.1	61.3	91.9
43	0.0	26.1	39.1#

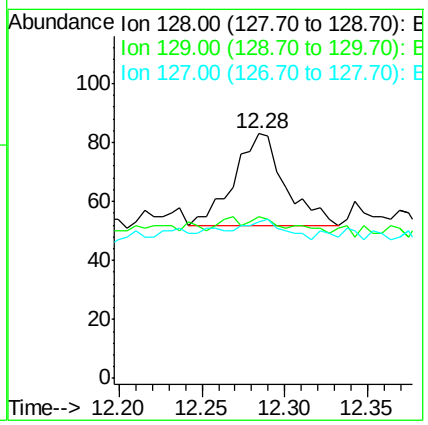


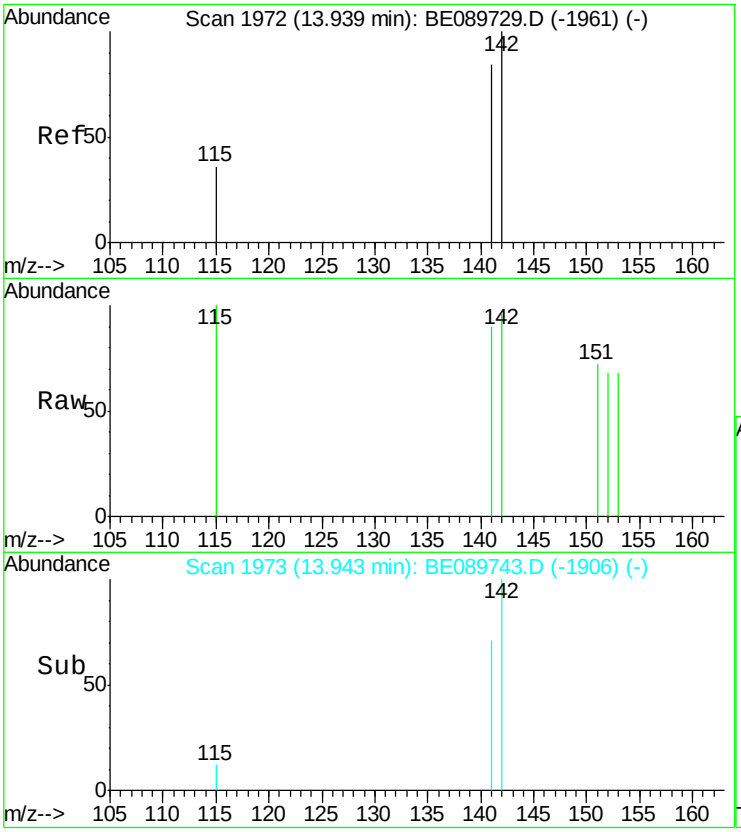


#5
Naphthalene
Concen: 0.00 ng/ul
RT: 12.28 min Scan# 1644
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:128 Resp: 66

Ion	Ratio	Lower	Upper
128	100		
129	66.3	9.0	13.6#
127	63.9	10.2	15.4#

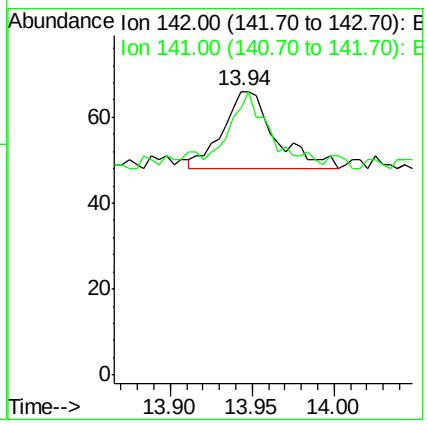


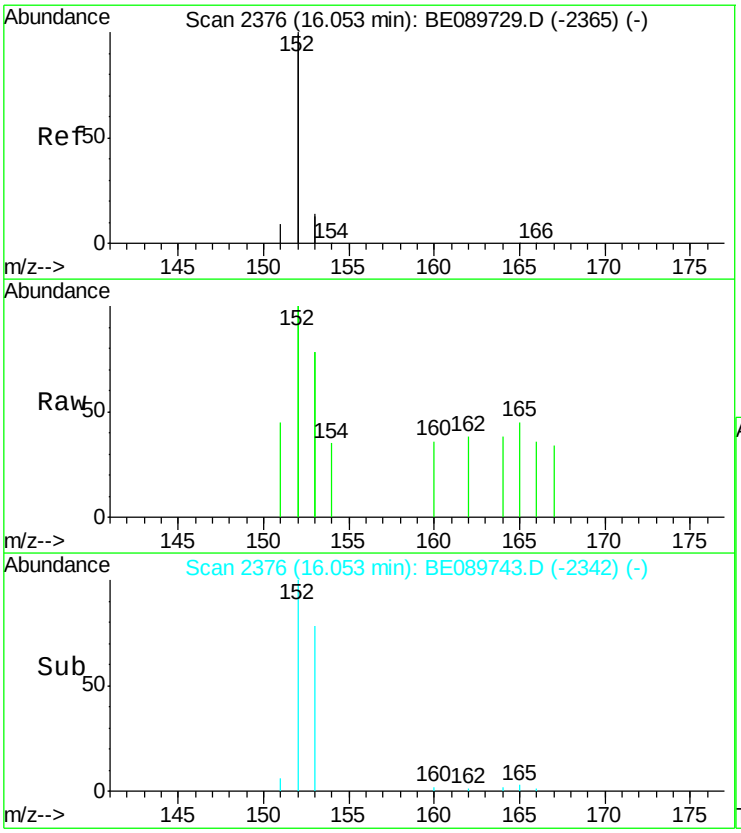


#7
2-Methylnaphthalene
Concen: 0.00 ng/ul
RT: 13.94 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:142 Resp: 40

Ion	Ratio	Lower	Upper
142	100		
141	77.5	67.4	101.0

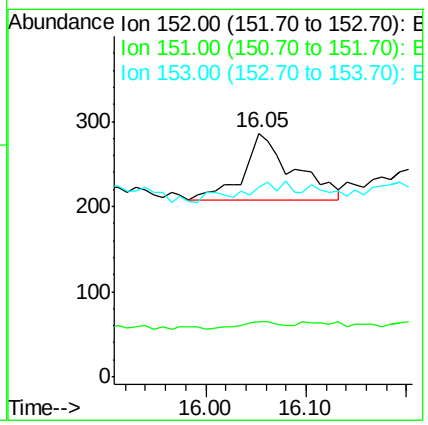


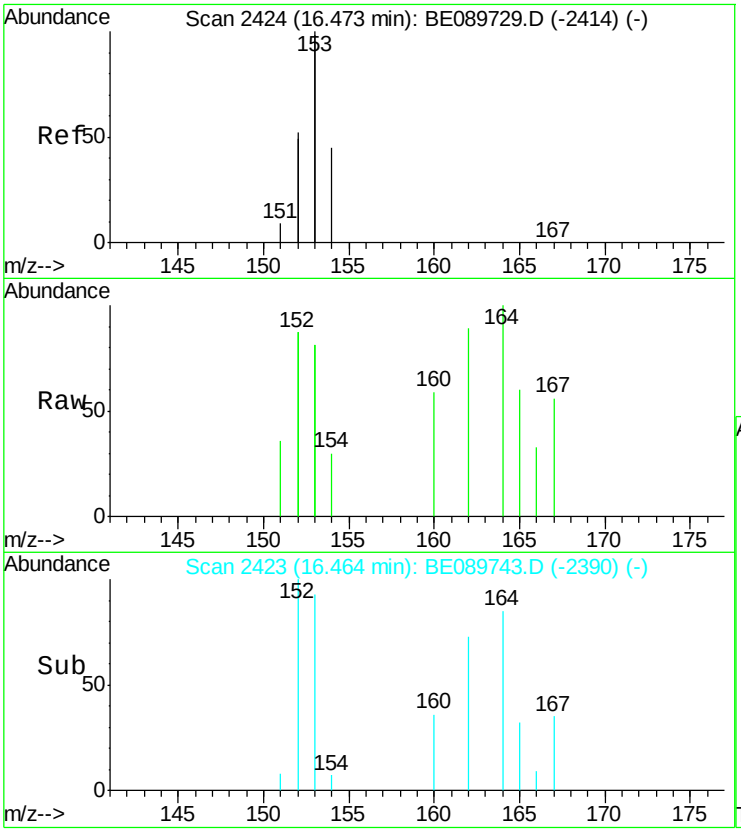


#9
Acenaphthylene
Concen: 0.00 ng/ul
RT: 16.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:152 Resp: 265

Ion	Ratio	Lower	Upper
152	100		
151	22.4	3.8	5.8#
153	77.6	11.4	17.0#

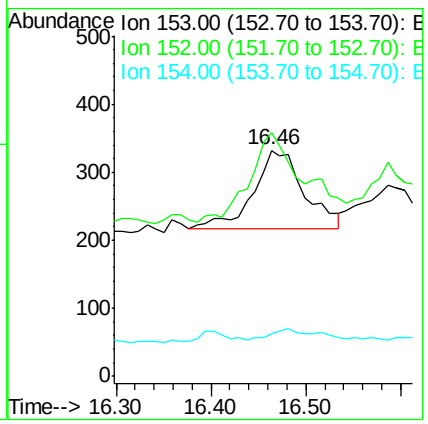


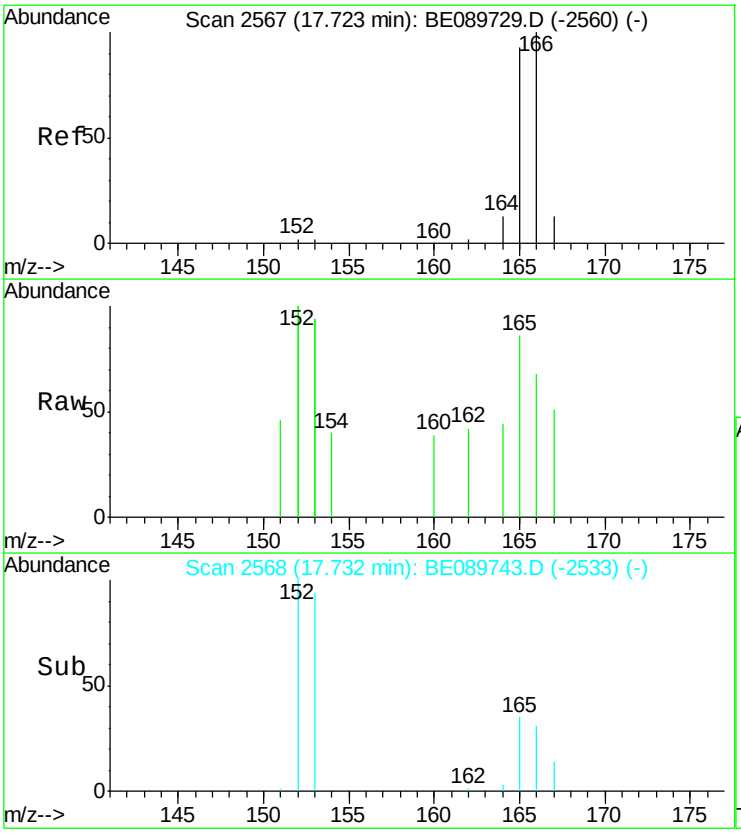


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 16.46 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:153 Resp: 441

Ion	Ratio	Lower	Upper
153	100		
152	107.8	41.2	61.8#
154	18.7	18.2	27.2

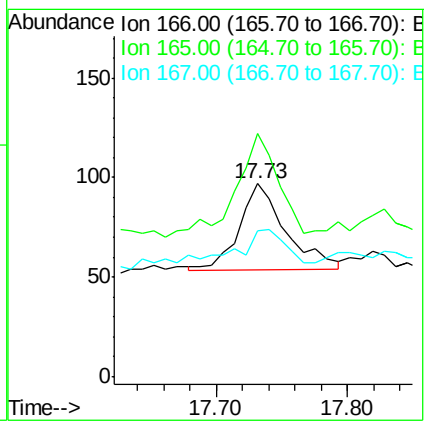


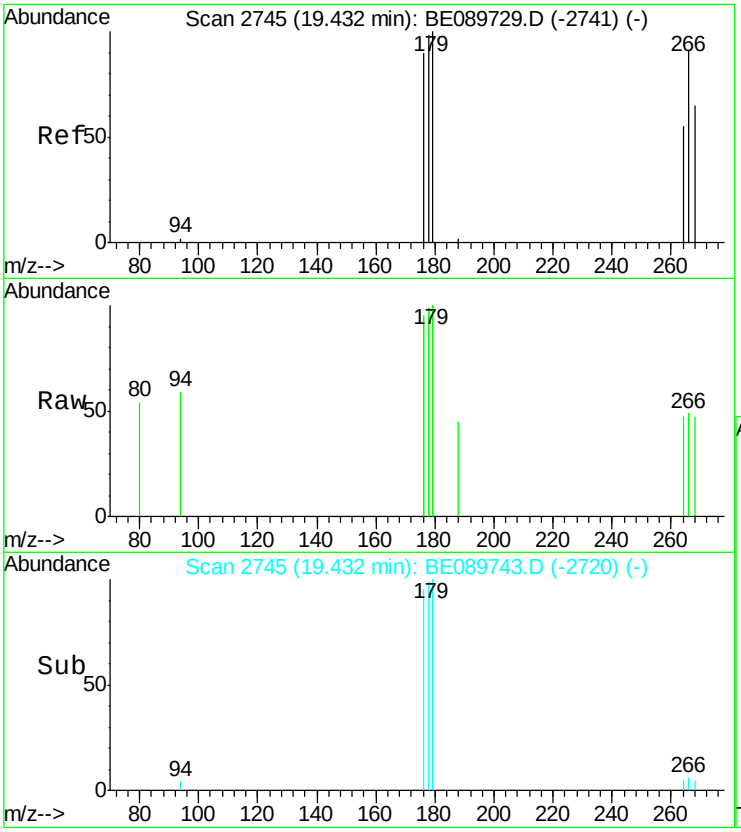


#11
Fluorene
Concen: 0.01 ng/ul
RT: 17.73 min Scan# 2568
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:166 Resp: 107

Ion	Ratio	Lower	Upper
166	100		
165	125.8	74.9	112.3#
167	75.3	11.5	17.3#

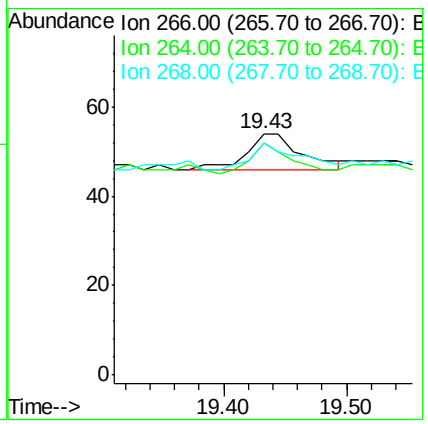


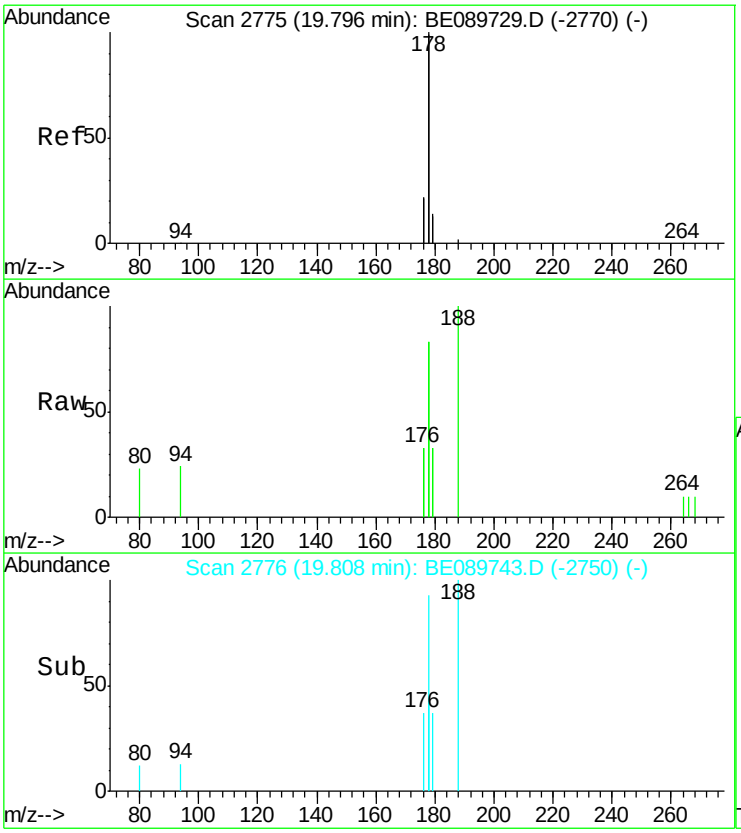


#13
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 19.43 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:266 Resp: 25

Ion	Ratio	Lower	Upper
266	100		
264	64.0	49.4	74.2
268	64.0	47.9	71.9

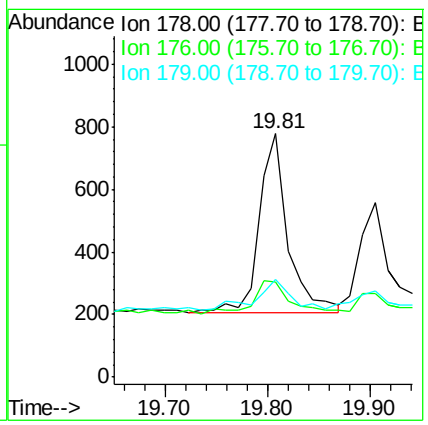


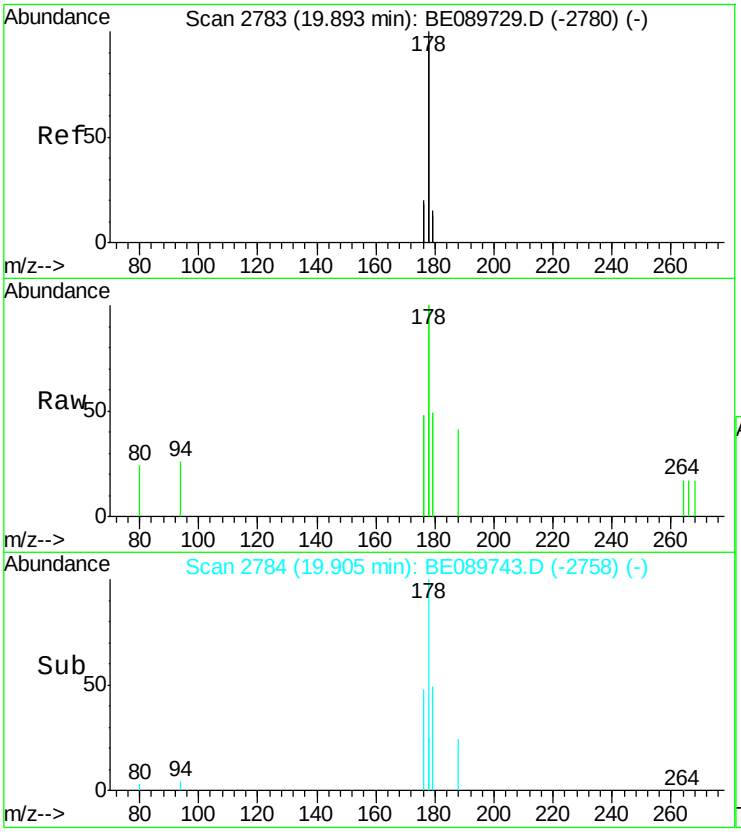


#14
Phenanthrene
Concen: 0.01 ng/ul
RT: 19.81 min Scan# 2776
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:178 Resp: 1110

Ion	Ratio	Lower	Upper
178	100		
176	39.3	17.6	26.4#
179	40.1	11.6	17.4#

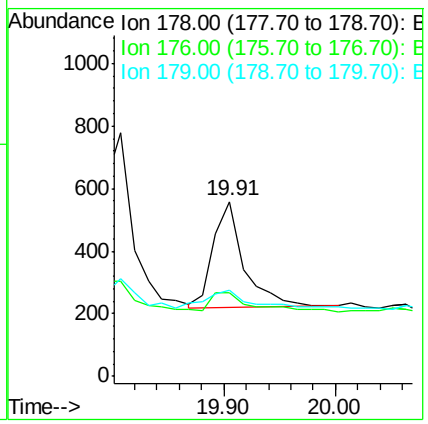


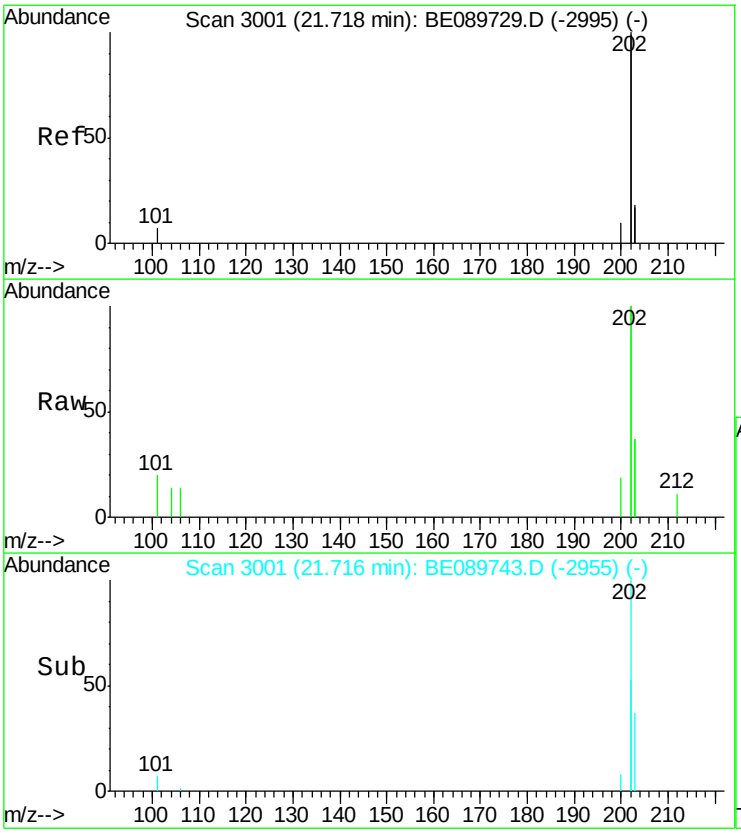


#15
Anthracene
Concen: 0.01 ng/ul
RT: 19.91 min Scan# 2784
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:178 Resp: 637

Ion	Ratio	Lower	Upper
178	100		
176	48.0	15.8	23.6#
179	49.1	12.0	18.0#

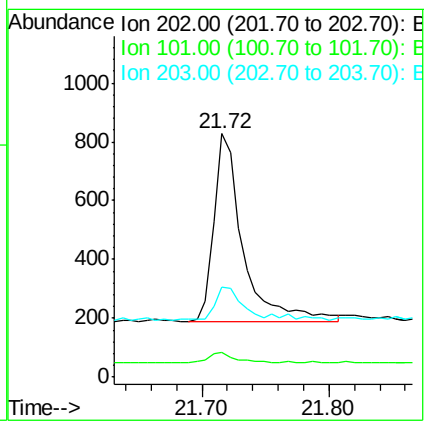


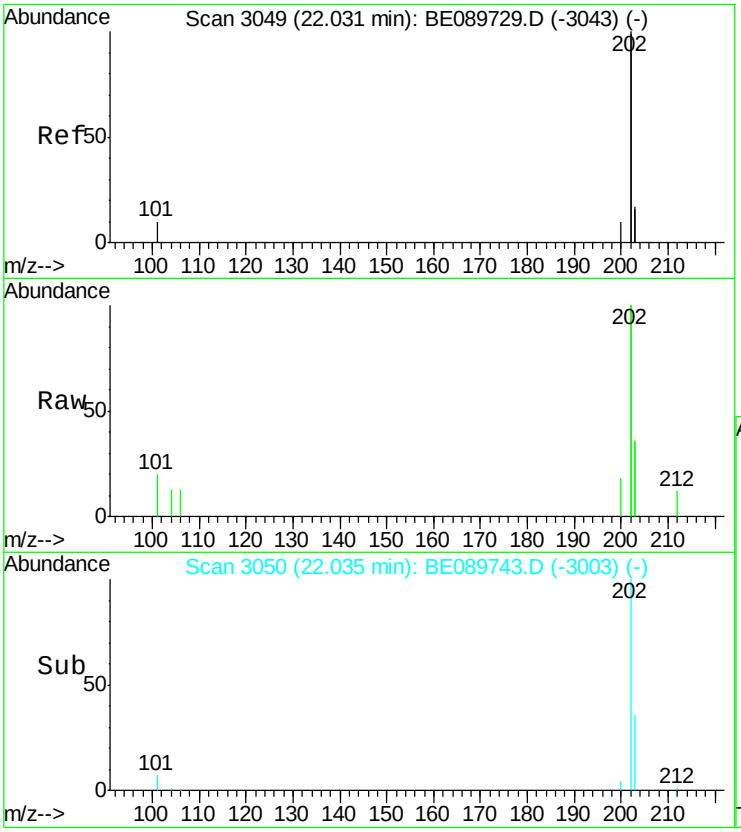


#17
Fluoranthene
Concen: 0.01 ng/ul
RT: 21.72 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:202 Resp: 1023

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	24.2
203	37.0	0.0	37.0

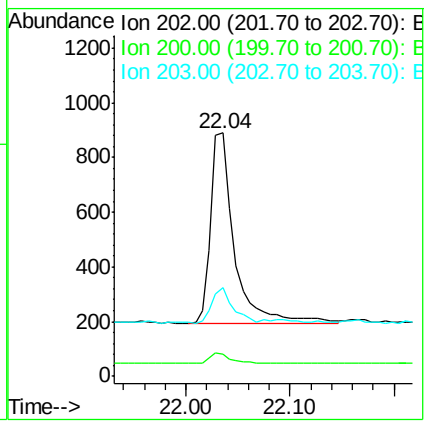


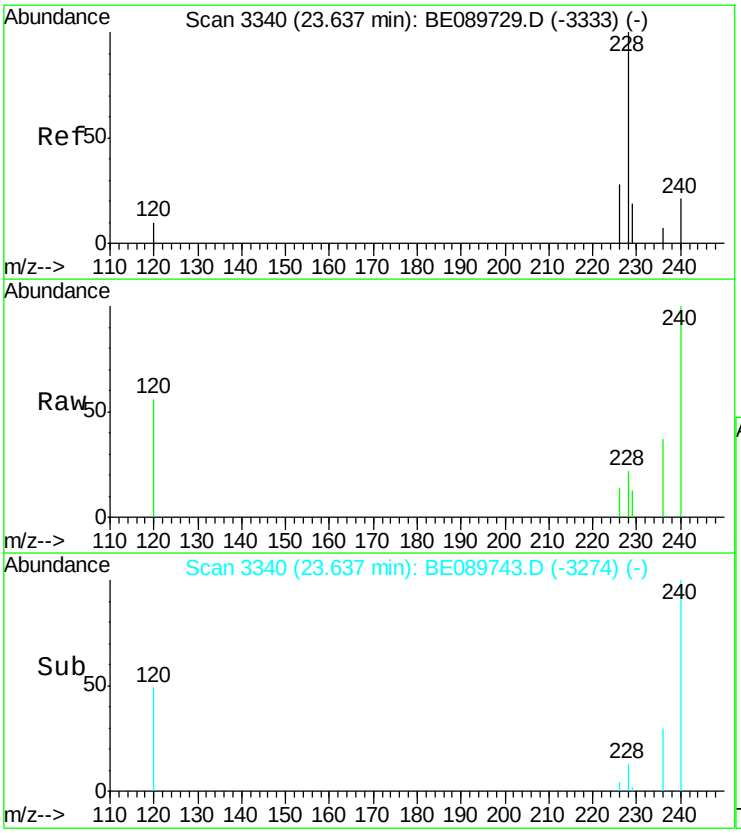


#19
Pyrene
Concen: 0.01 ng/ul
RT: 22.04 min Scan# 3050
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:202 Resp: 1117

Ion	Ratio	Lower	Upper
202	100		
200	8.9	4.4	6.6#
203	36.4	13.6	20.4#

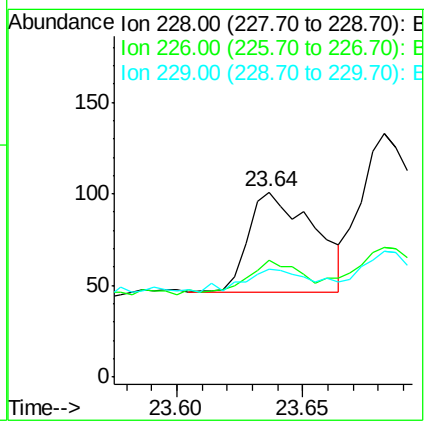


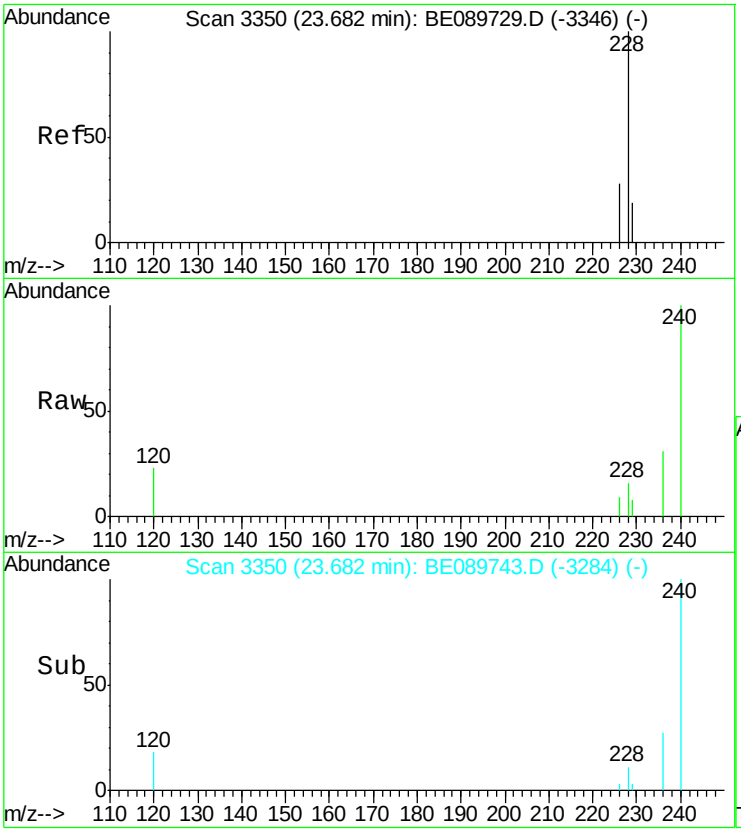


#20
Benzo(a)anthracene
Concen: 0.01 ng/ul
RT: 23.64 min Scan# 3340
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:228 Resp: 100

Ion	Ratio	Lower	Upper
228	100		
226	63.4	22.8	34.2#
229	58.4	16.2	24.2#

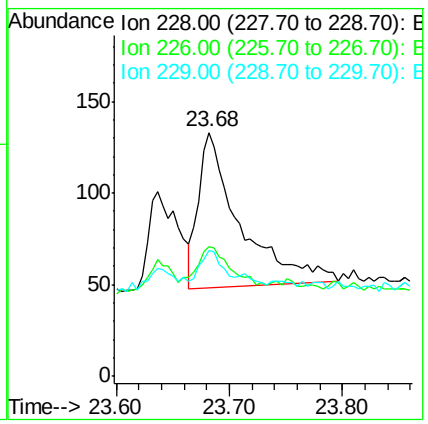


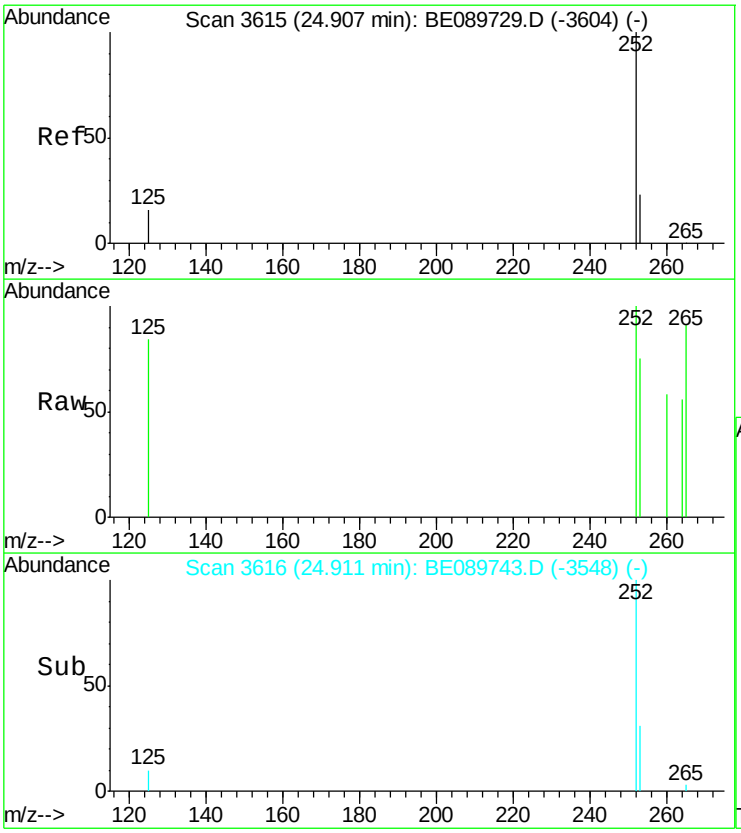


#21
Chrysene
Concen: 0.01 ng/ul
RT: 23.68 min Scan# 3350
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:228 Resp: 214

Ion	Ratio	Lower	Upper
228	100		
226	53.4	23.7	35.5#
229	51.9	15.5	23.3#

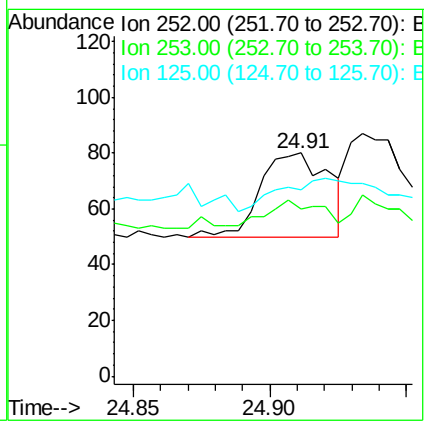


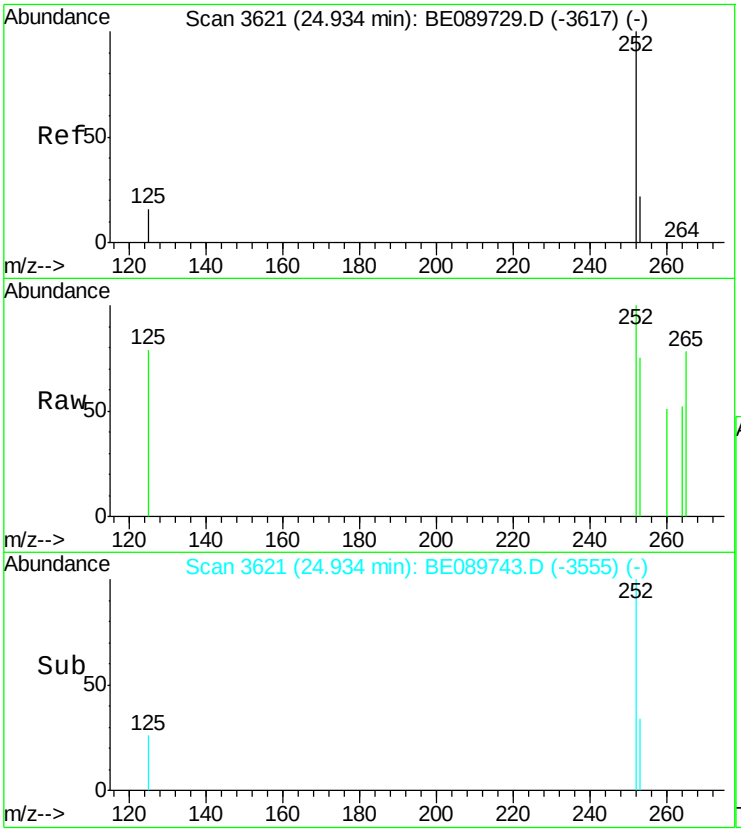


#23
Benzo(b)fluoranthene
Concen: 0.01 ng/ul
RT: 24.91 min Scan# 3616
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	75.0	0.0	47.0#
125	83.8	0.0	37.8#

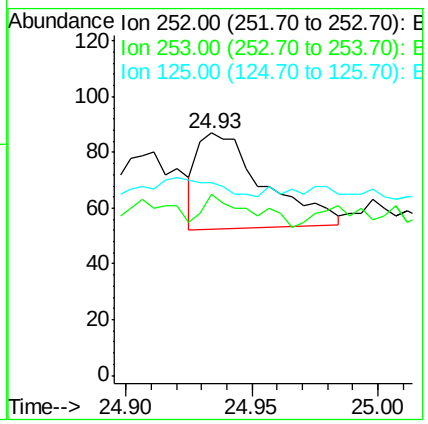


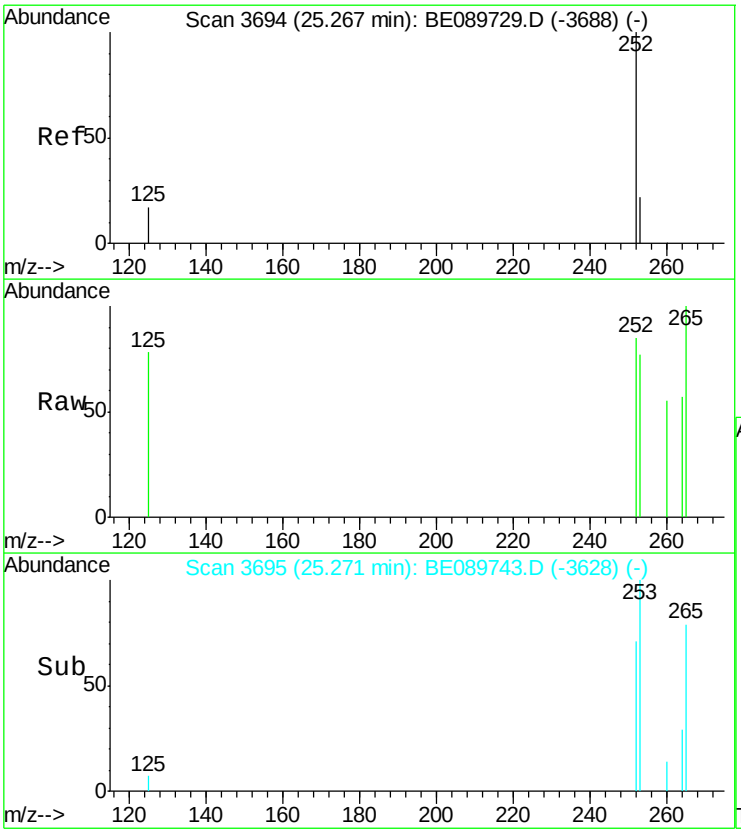


#24
Benzo(k)fluoranthene
Concen: 0.01 ng/ul
RT: 24.93 min Scan# 3621
Delta R.T. -0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:252 Resp: 63

Ion	Ratio	Lower	Upper
252	100		
253	74.7	18.2	27.4#
125	79.3	14.6	22.0#

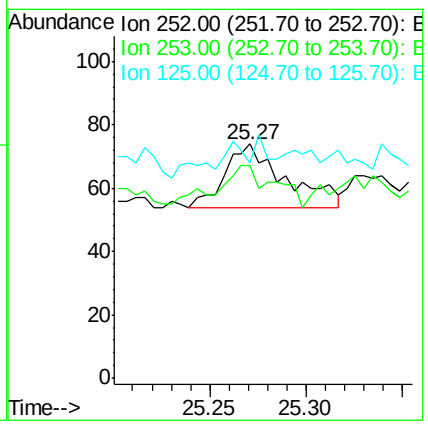


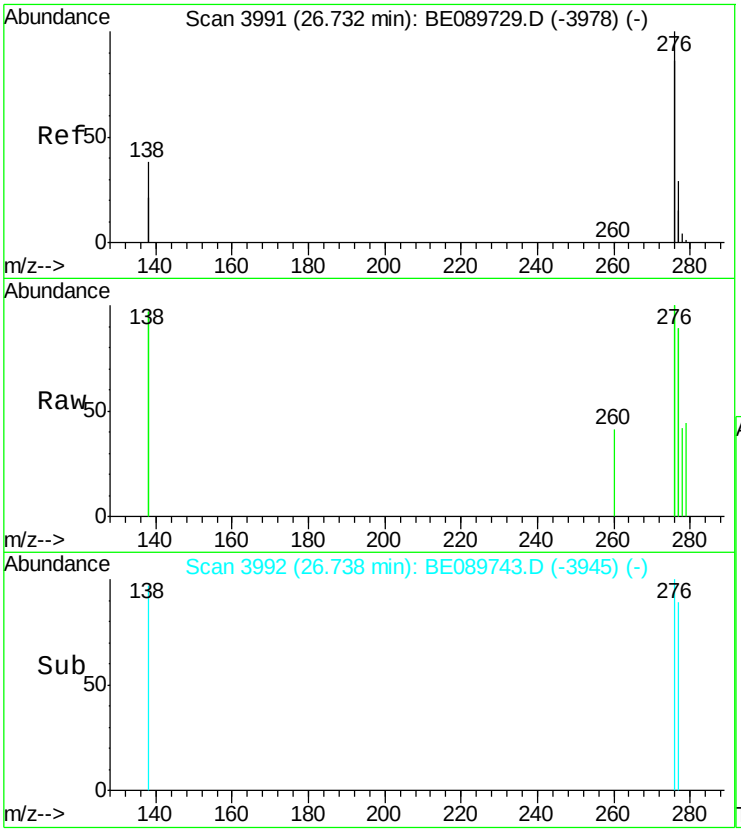


#25
Benzo(a)pyrene
Concen: 0.01 ng/ul
RT: 25.27 min Scan# 3695
Delta R.T. 0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:252 Resp: 43

Ion	Ratio	Lower	Upper
252	100		
253	90.5	19.8	29.6#
125	91.9	16.0	24.0#

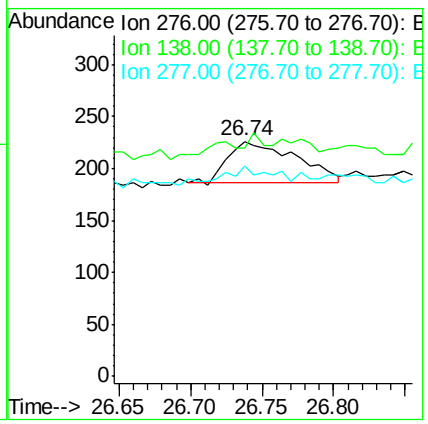


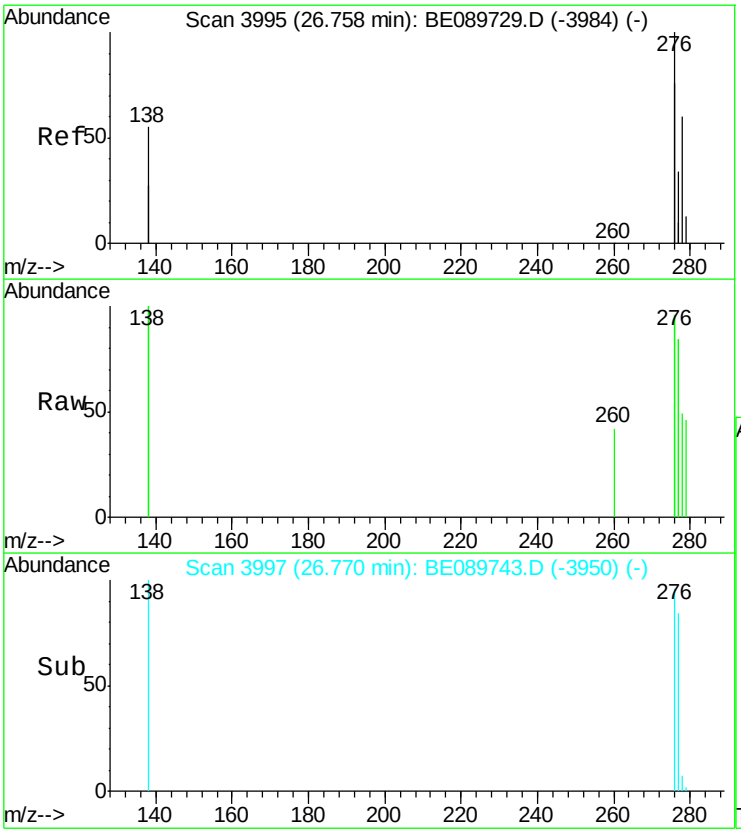


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.01 ng/ul
RT: 26.74 min Scan# 3992
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:276 Resp: 133

Ion	Ratio	Lower	Upper
276	100		
138	14.3	36.8	55.2#
277	31.6	20.6	31.0#

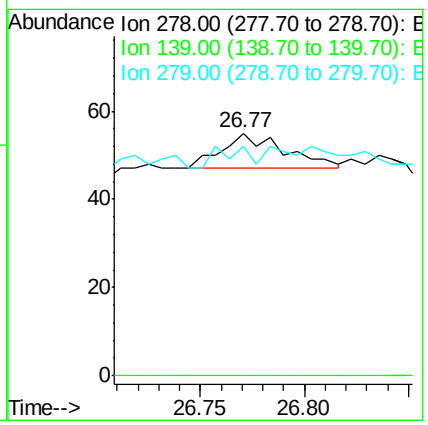


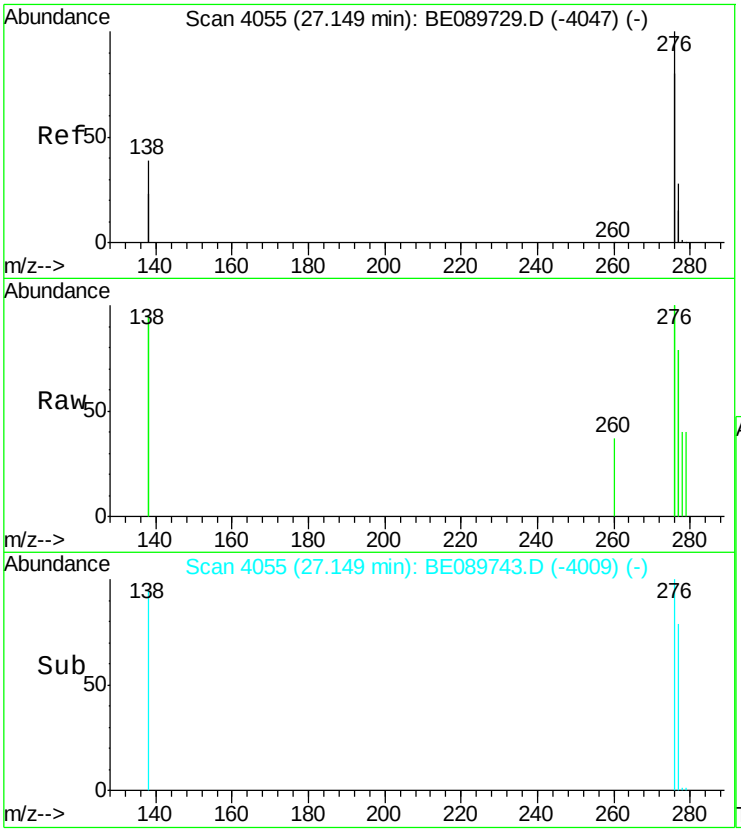


#27
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 26.77 min Scan# 3997
Delta R.T. 0.01 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:278 Resp: 17

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	94.5	25.4	38.2#





#28
Benzo(g,h,i)perylene
Concen: 0.01 ng/ul
RT: 27.15 min Scan# 4055
Delta R.T. 0.00 min
Lab File: BE089743.D
Acq: 5 Mar 2015 14:17

Tgt Ion:276 Resp: 161

Ion	Ratio	Lower	Upper
276	100		
277	79.0	21.4	32.2#
138	95.2	31.4	47.0#