Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE030415\
Data File : BE089729.D
Acq On : 4 Mar 2015 18:38
Operator : TP/JJ
Sample : SSTD0.406
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 04 23:50:34 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

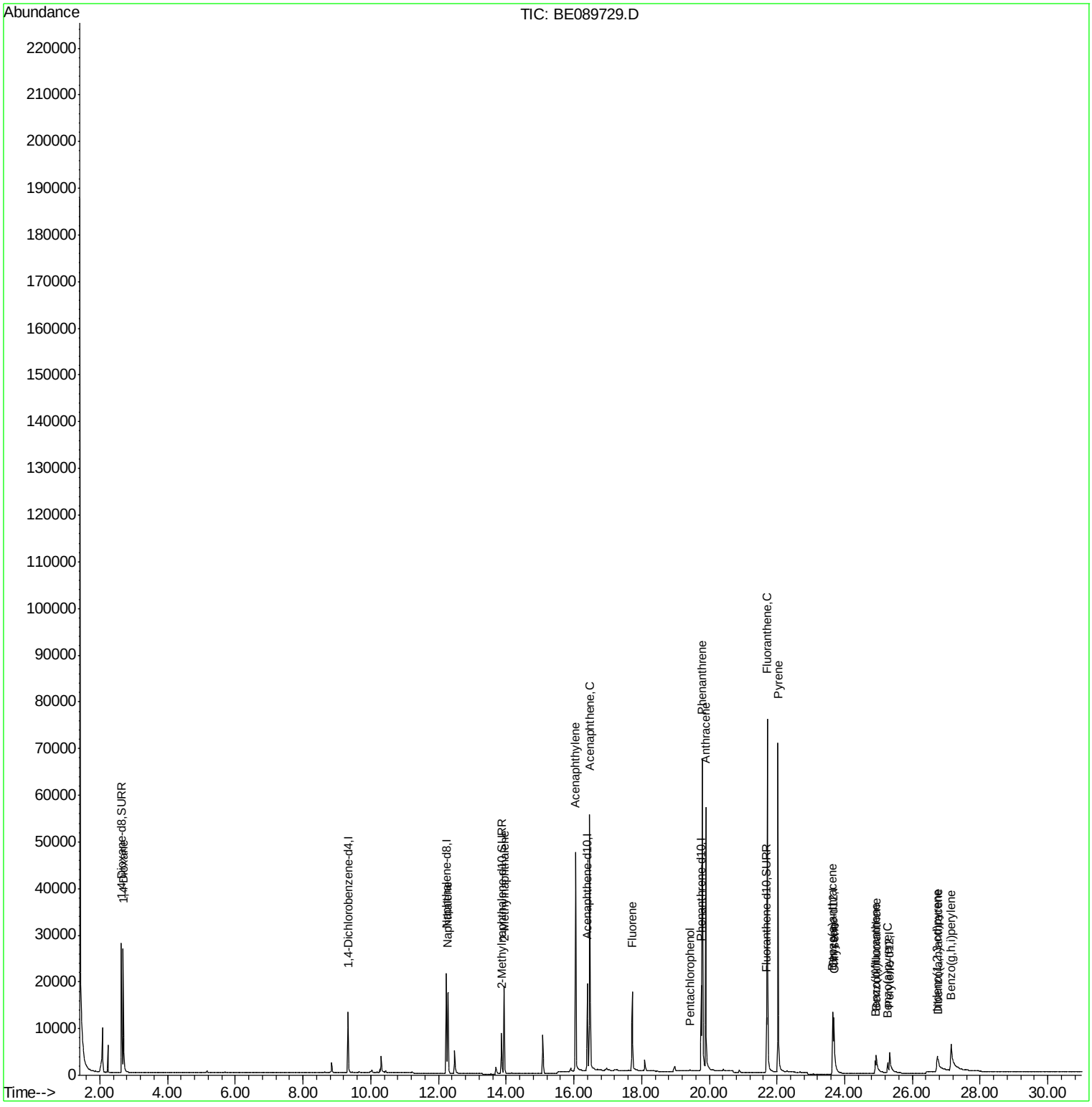
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	5822	0.40	ng/ul	0.00
4) Naphthalene-d8	12.24	136	25194	0.40	ng/ul	0.00
8) Acenaphthene-d10	16.40	164	11329	0.40	ng/ul	0.00
12) Phenanthrene-d10	19.76	188	19826	0.40	ng/ul	0.00
18) Chrysene-d12	23.65	240	13781	0.40	ng/ul	0.00
22) Perylene-d12	25.33	264	7332	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	2.63	96	14943	1.95	ng/uL	0.00
6) 2-Methylnaphthalene-d10	13.87	152	10136	0.38	ng/ul	0.00
16) Fluoranthene-d10	21.69	212	11906	0.36	ng/ul	0.00
Target Compounds						Qvalue
3) 1,4-Dioxane	2.69	88	16889	1.91	ng/ul	97
5) Naphthalene	12.28	128	21872	0.37	ng/ul	100
7) 2-Methylnaphthalene	13.94	142	12906	0.38	ng/ul	99
9) Acenaphthylene	16.05	152	65902	0.41	ng/ul	99
10) Acenaphthene	16.47	153	48764	0.41	ng/ul	99
11) Fluorene	17.72	166	13135	0.41	ng/ul	99
13) Pentachlorophenol	19.43	266	268	0.34	ng/ul	98
14) Phenanthrene	19.80	178	75653	0.38	ng/ul	98
15) Anthracene	19.89	178	62159	0.38	ng/ul	99
17) Fluoranthene	21.72	202	74663	0.40	ng/ul	99
19) Pyrene	22.03	202	74300	0.41	ng/ul	99
20) Benzo(a)anthracene	23.64	228	7143	0.37	ng/ul	98
21) Chrysene	23.68	228	15215	0.38	ng/ul	99
23) Benzo(b)fluoranthene	24.90	252	2636	0.35	ng/ul	99
24) Benzo(k)fluoranthene	24.93	252	10298	0.43	ng/ul	100
25) Benzo(a)pyrene	25.27	252	3511	0.36	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	26.73	276	10068	0.28	ng/ul	93
27) Dibenzo(a,h)anthracene	26.76	278	1698	0.26	ng/ul	99
28) Benzo(g,h,i)perylene	27.15	276	17396	0.36	ng/ul	98

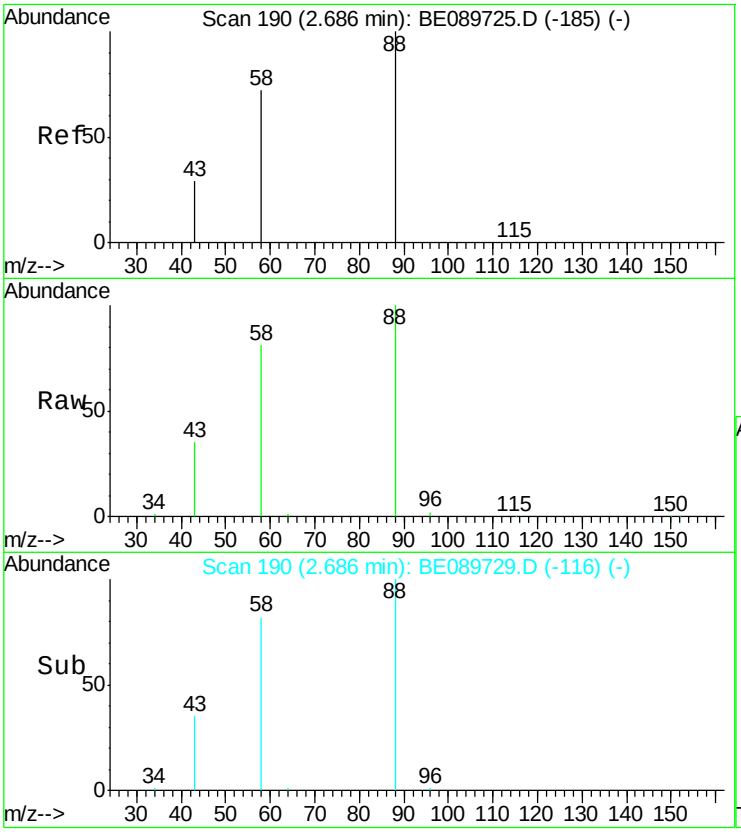
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE030415\
Data File : BE089729.D
Acq On : 4 Mar 2015 18:38
Operator : TP/JJ
Sample : SSTD0.406
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 04 23:50:34 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

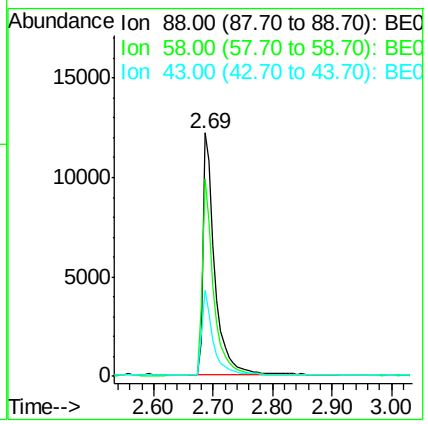


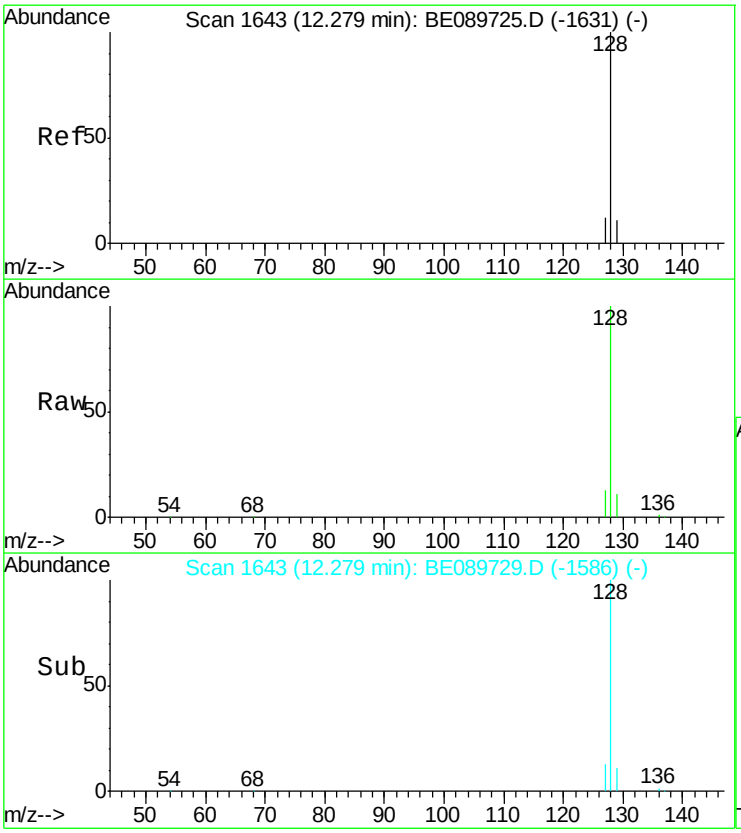


#3
1,4-Dioxane
Concen: 1.91 ng/ul
RT: 2.69 min Scan# 190
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion: 88 Resp: 16889

Ion	Ratio	Lower	Upper
88	100		
58	79.6	61.3	91.9
43	33.2	26.1	39.1

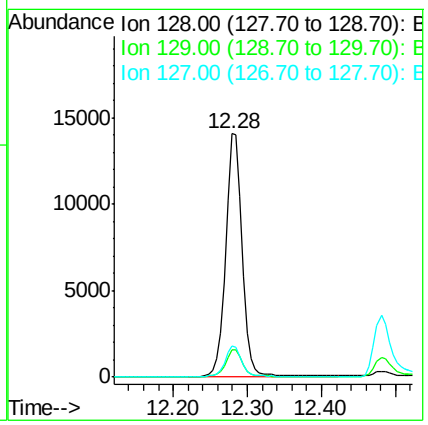


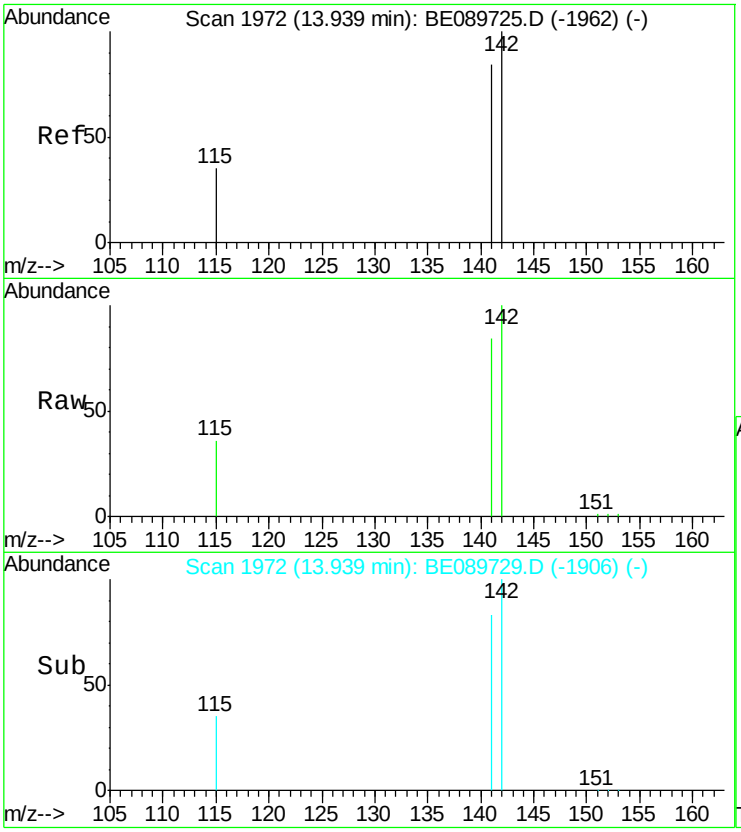


#5
Naphthalene
Concen: 0.37 ng/ul
RT: 12.28 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:128 Resp: 21872

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	12.8	10.2	15.4

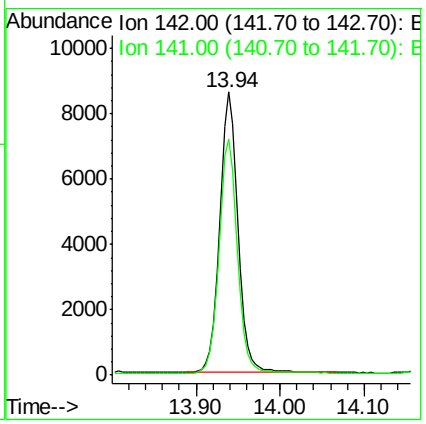


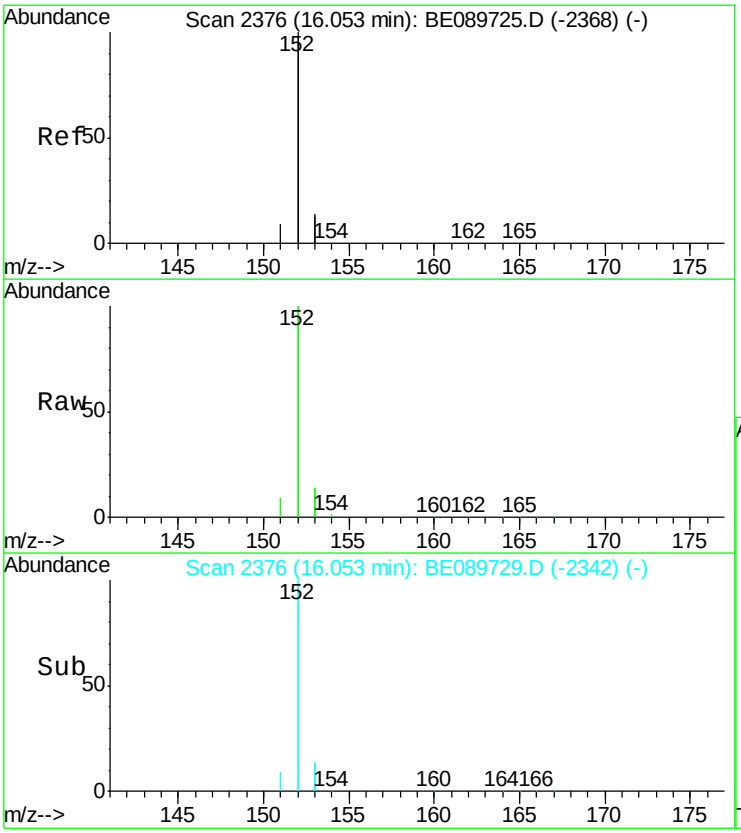


#7
2-Methylnaphthalene
Concen: 0.38 ng/ul
RT: 13.94 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:142 Resp: 12906

Ion	Ratio	Lower	Upper
142	100		
141	85.1	67.4	101.0

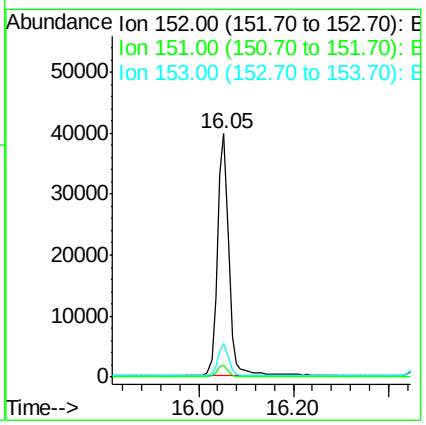


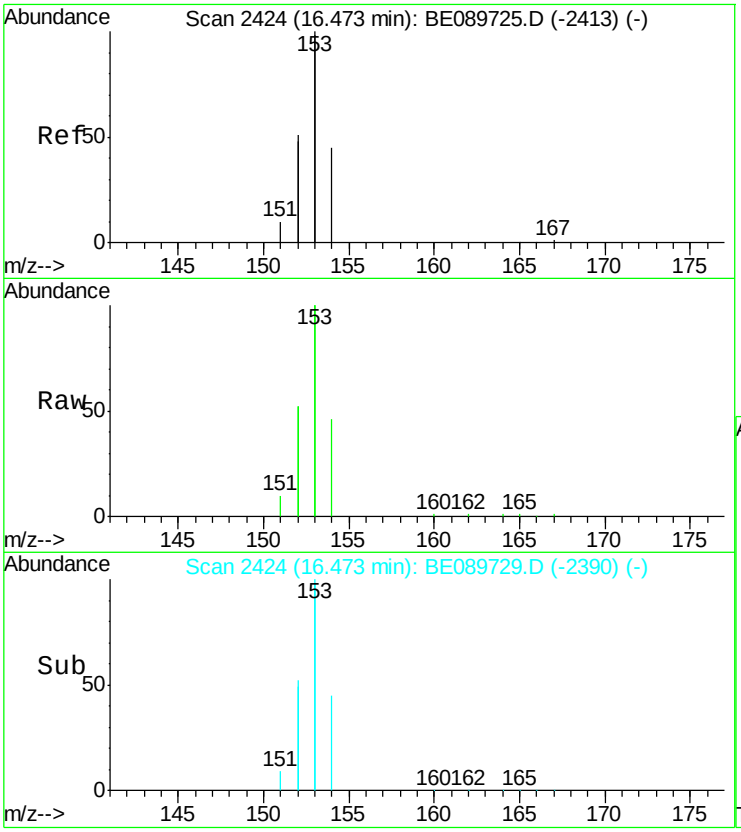


#9
Acenaphthylene
Concen: 0.41 ng/ul
RT: 16.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:152 Resp: 65902

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.8	5.8
153	13.8	11.4	17.0

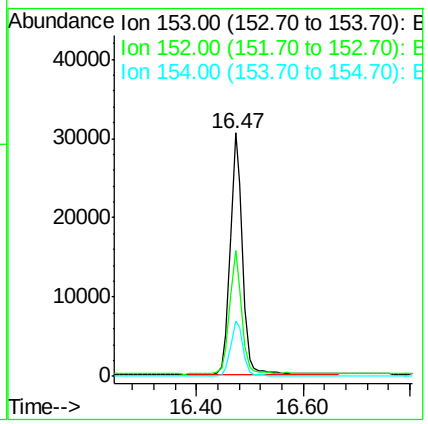


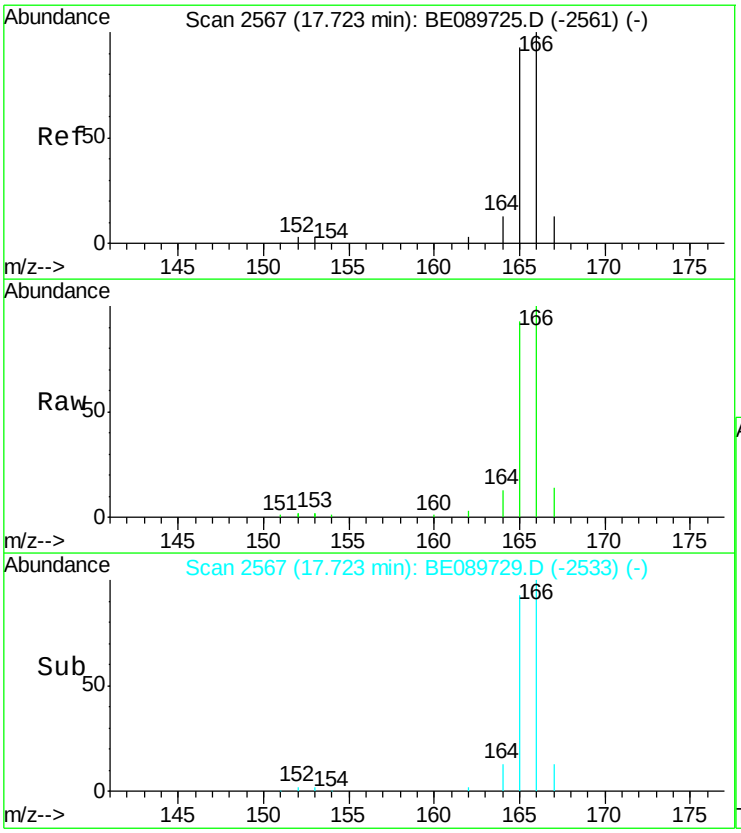


#10
Acenaphthene
Concen: 0.41 ng/ul
RT: 16.47 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:153 Resp: 48764

Ion	Ratio	Lower	Upper
153	100		
152	52.0	41.2	61.8
154	22.8	18.2	27.2

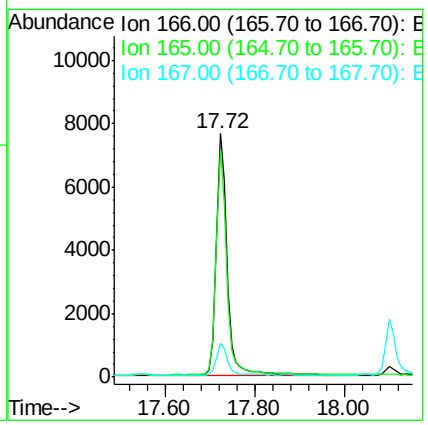


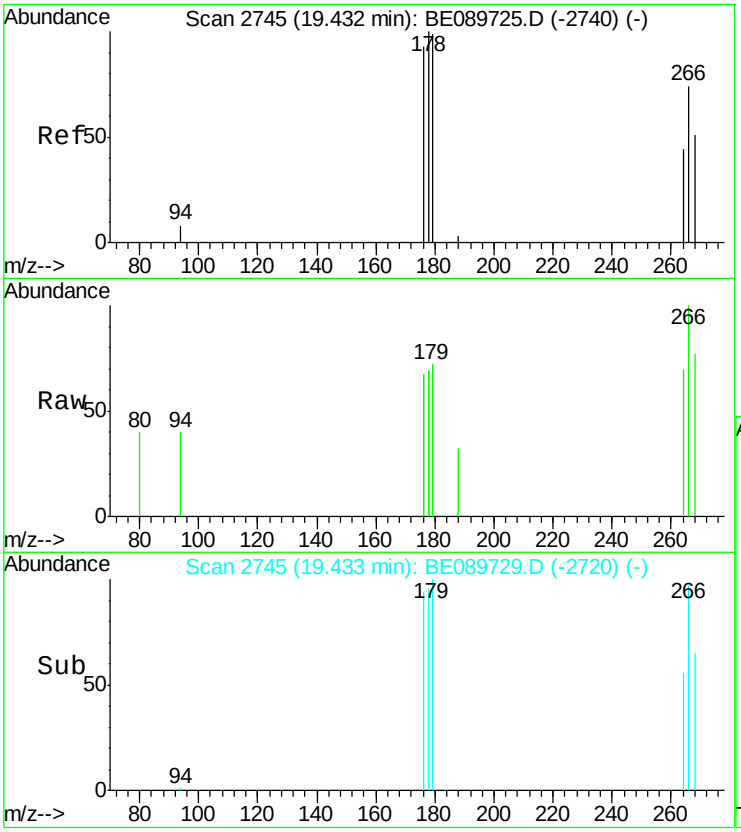


#11
Fluorene
Concen: 0.41 ng/ul
RT: 17.72 min Scan# 2567
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:166 Resp: 13135

Ion	Ratio	Lower	Upper
166	100		
165	93.1	74.9	112.3
167	13.7	11.5	17.3

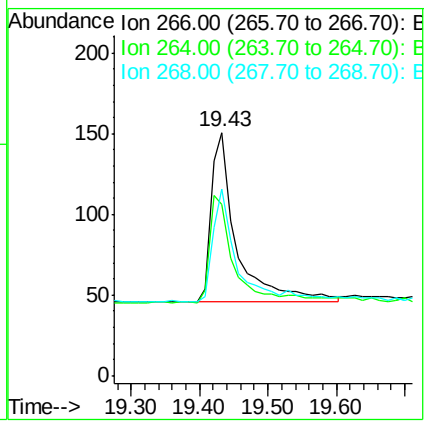


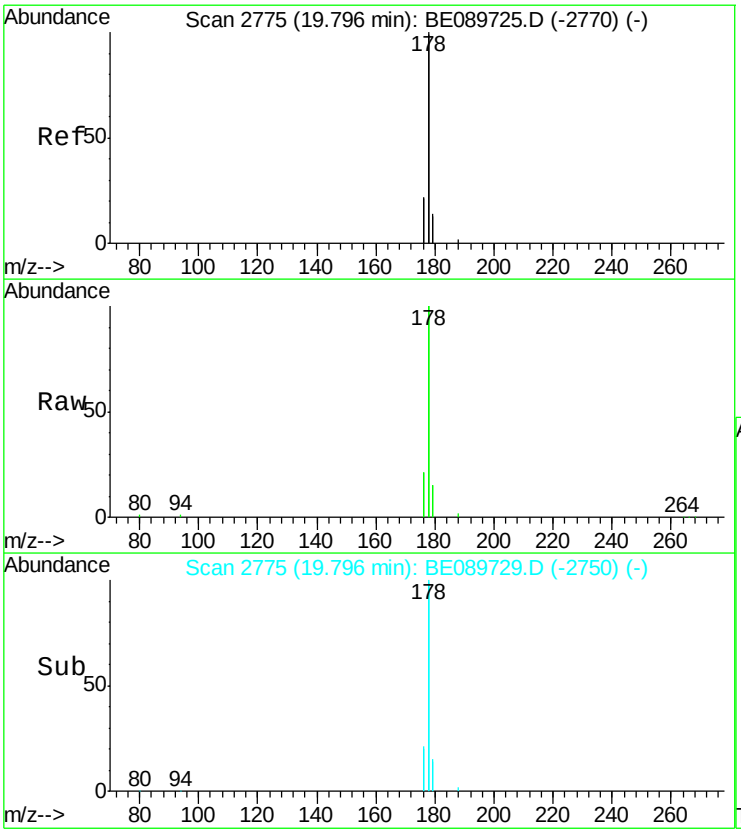


#13
Pentachlorophenol
Concen: 0.34 ng/ul
RT: 19.43 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:266 Resp: 268

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.4	74.2
268	58.2	47.9	71.9

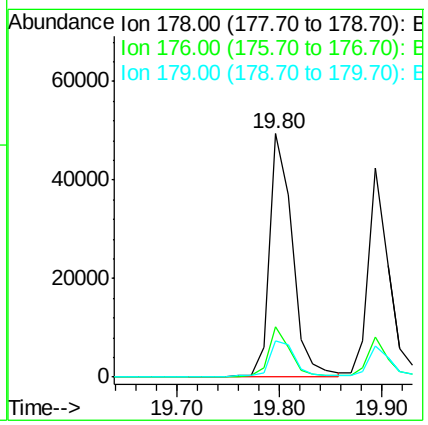


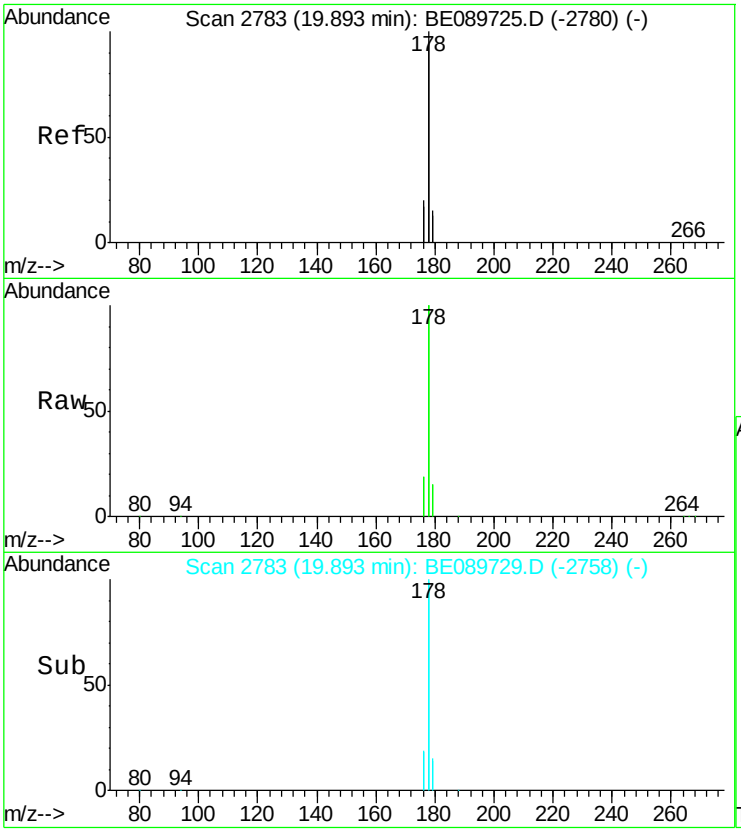


#14
Phenanthrene
Concen: 0.38 ng/ul
RT: 19.80 min Scan# 2775
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:178 Resp: 75653

Ion	Ratio	Lower	Upper
178	100		
176	20.6	17.6	26.4
179	14.7	11.6	17.4

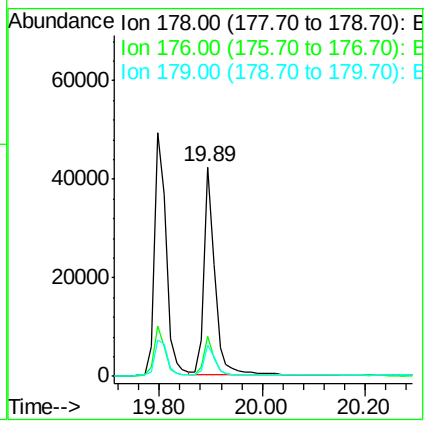


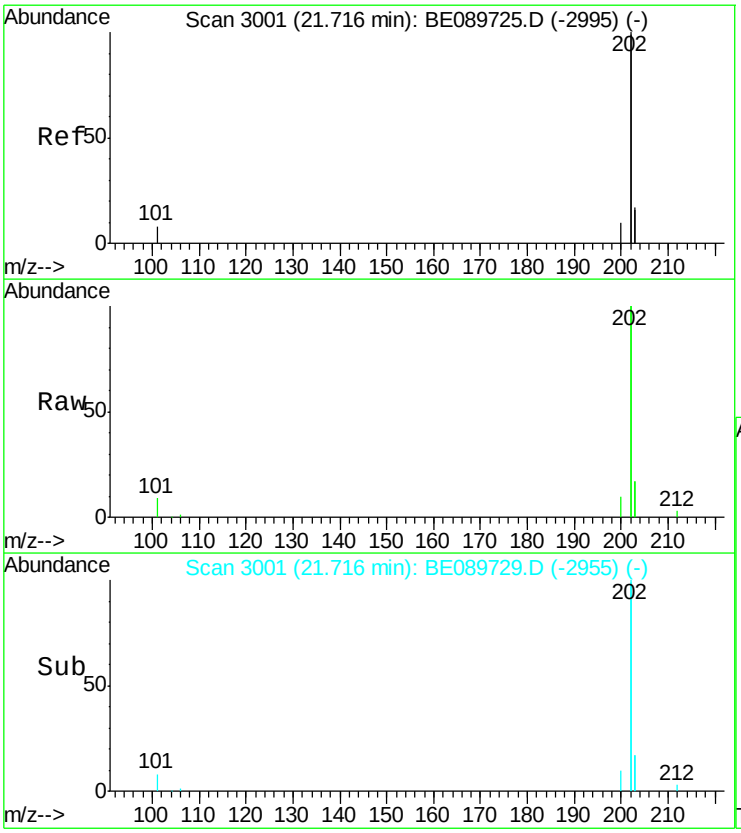


#15
Anthracene
Concen: 0.38 ng/ul
RT: 19.89 min Scan# 2783
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:178 Resp: 62159

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.6
179	15.1	12.0	18.0

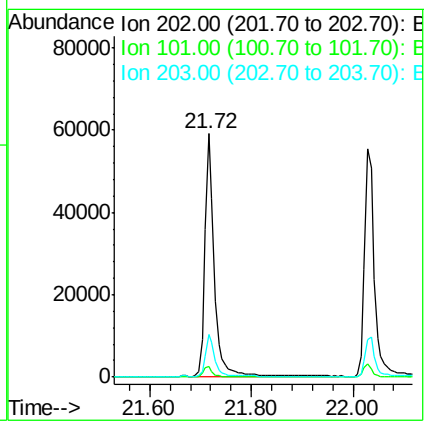


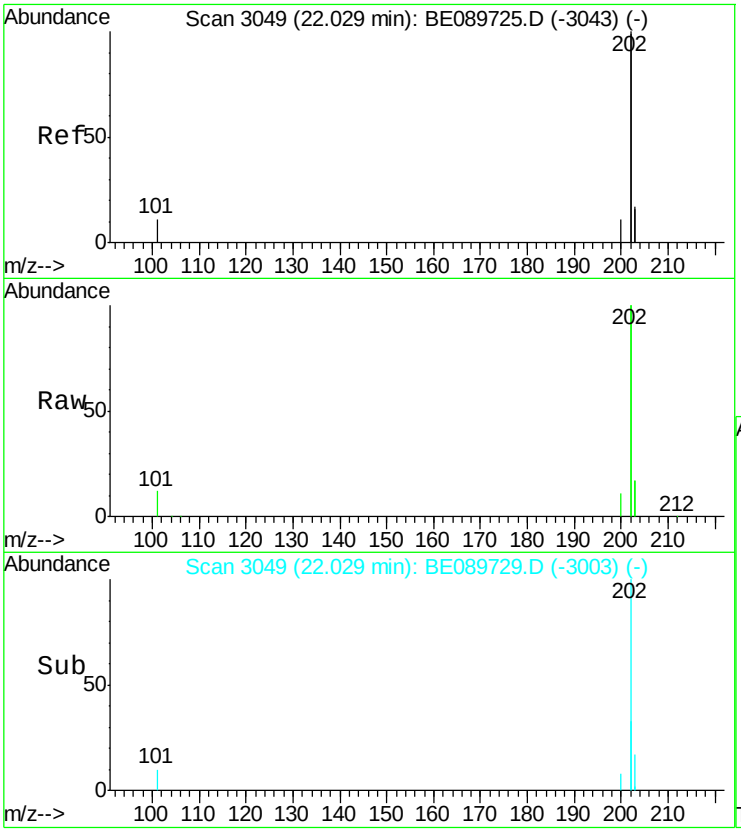


#17
Fluoranthene
Concen: 0.40 ng/ul
RT: 21.72 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:202 Resp: 74663

Ion	Ratio	Lower	Upper
202	100		
101	4.3	0.0	24.2
203	17.3	0.0	37.0

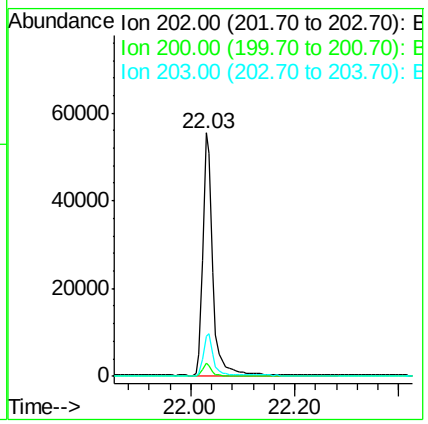


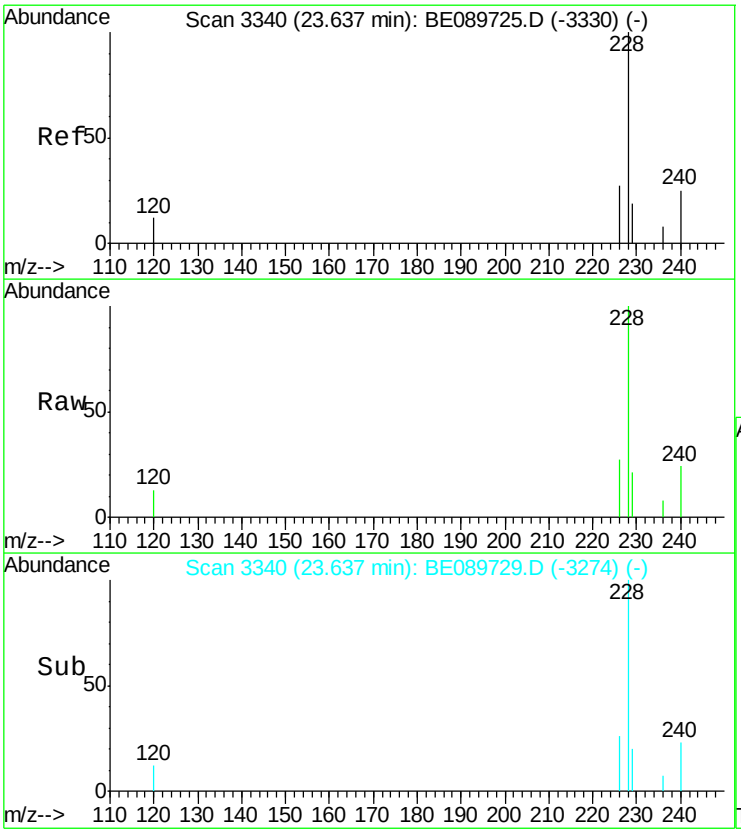


#19
Pyrene
Concen: 0.41 ng/ul
RT: 22.03 min Scan# 3049
Delta R.T. -0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:202 Resp: 74300

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.4	6.6
203	16.7	13.6	20.4

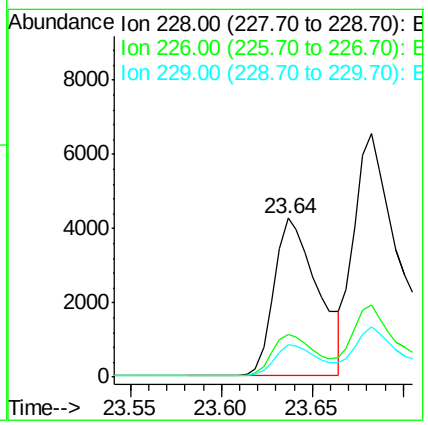


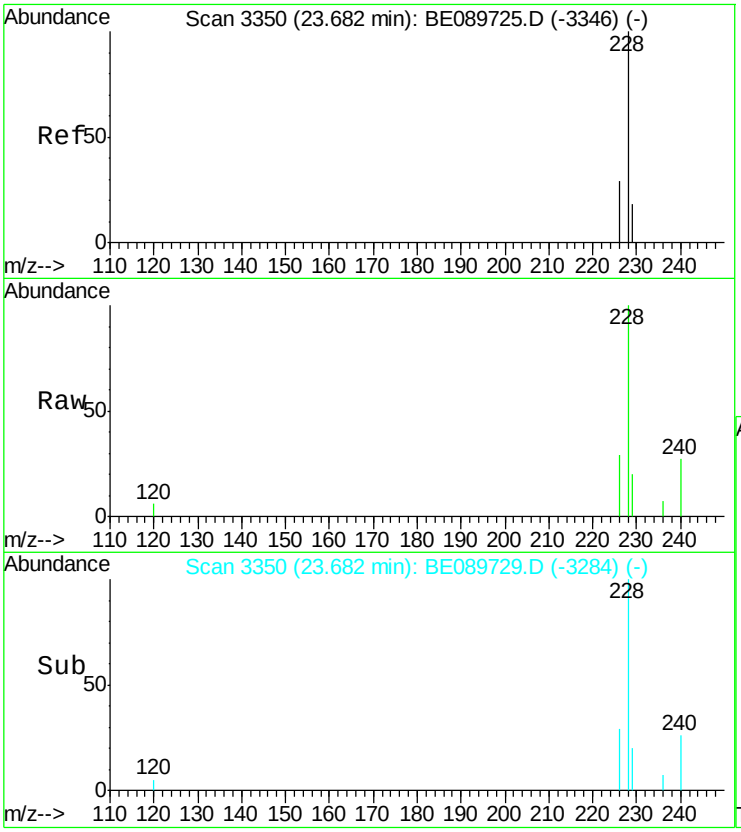


#20
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 23.64 min Scan# 3340
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:228 Resp: 7143

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.8	34.2
229	20.5	16.2	24.2

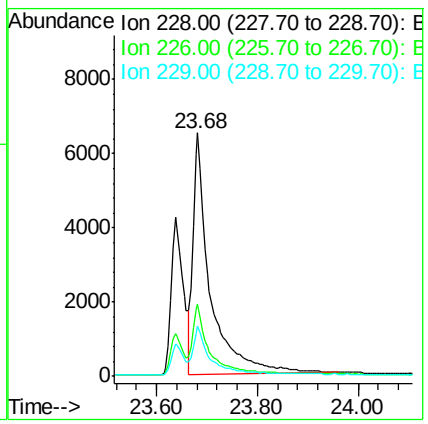


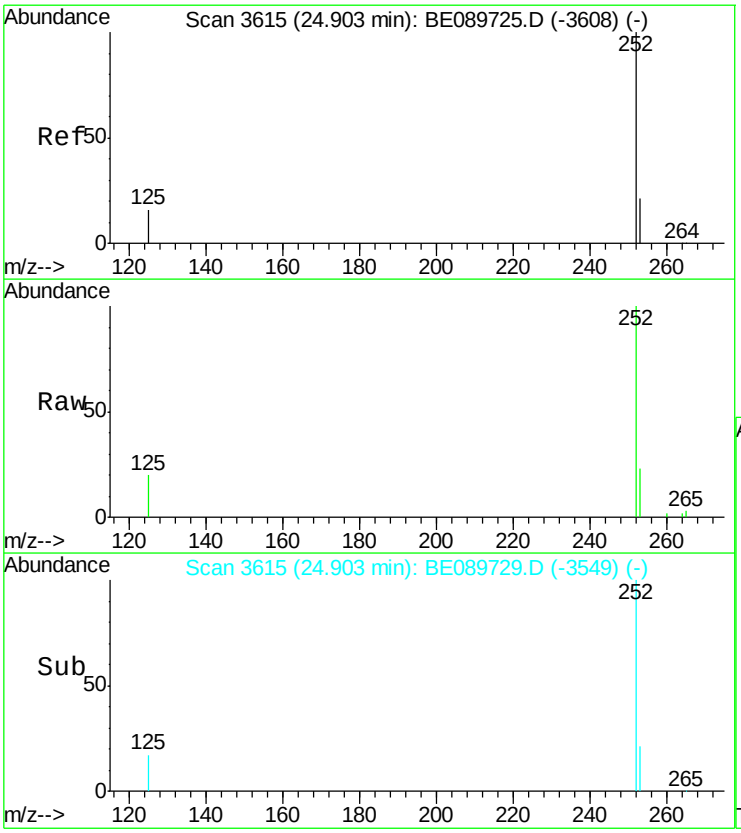


#21
Chrysene
Concen: 0.38 ng/ul
RT: 23.68 min Scan# 3350
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:228 Resp: 15215

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.7	35.5
229	20.4	15.5	23.3

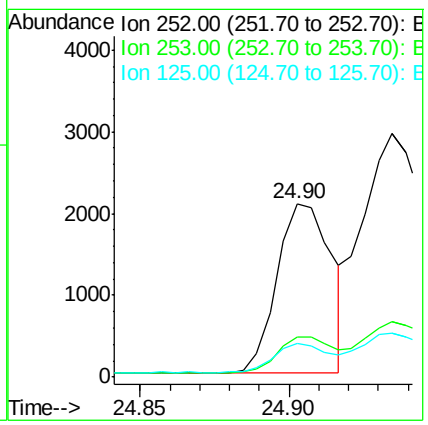


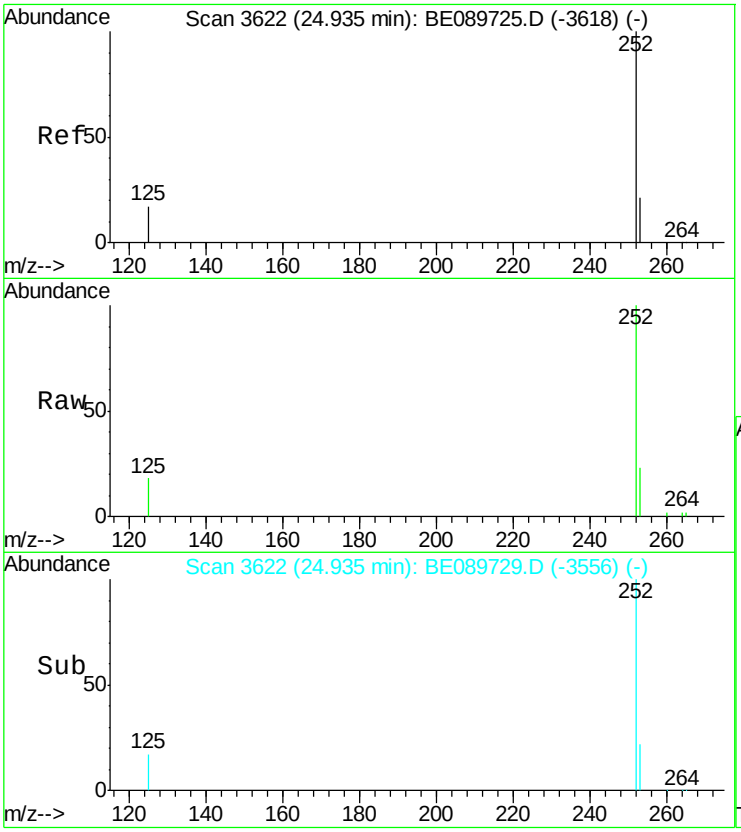


#23
Benzo(b)fluoranthene
Concen: 0.35 ng/ul
RT: 24.90 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:252 Resp: 2636

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	47.0
125	19.6	0.0	37.8

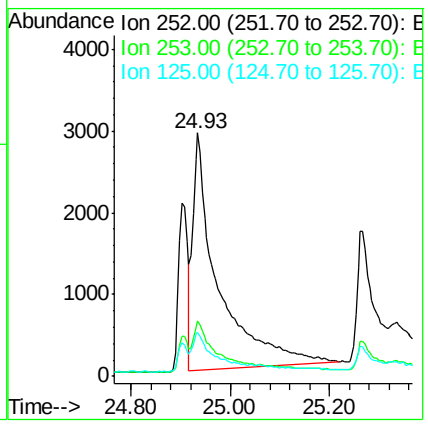


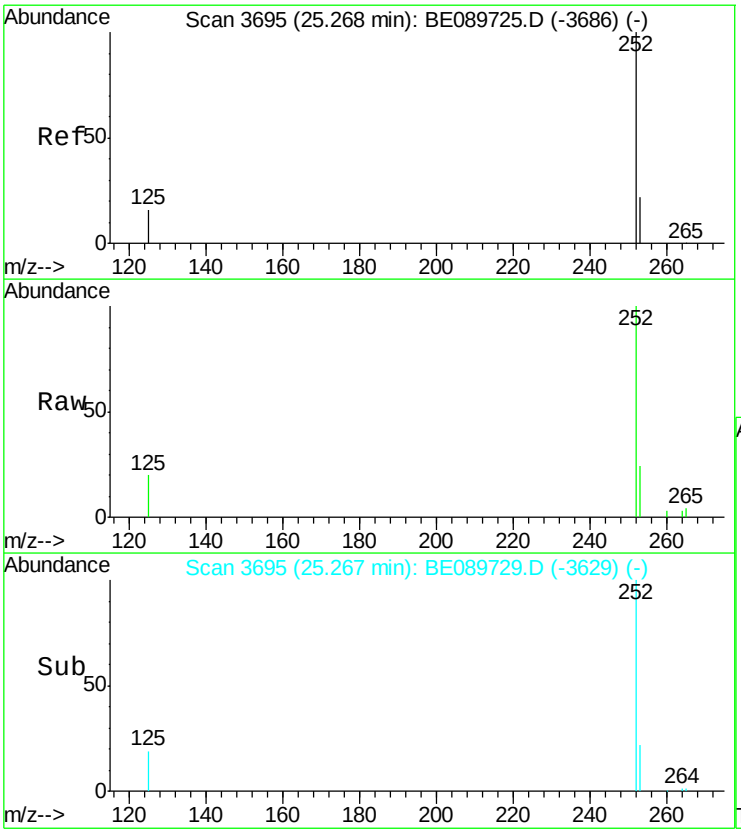


#24
Benzo(k)fluoranthene
Concen: 0.43 ng/ul
RT: 24.93 min Scan# 3622
Delta R.T. -0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:252 Resp: 10298

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.4
125	18.3	14.6	22.0

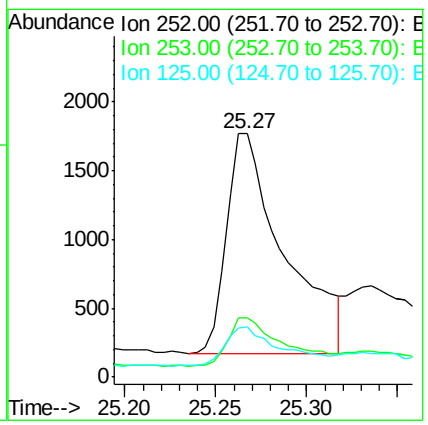


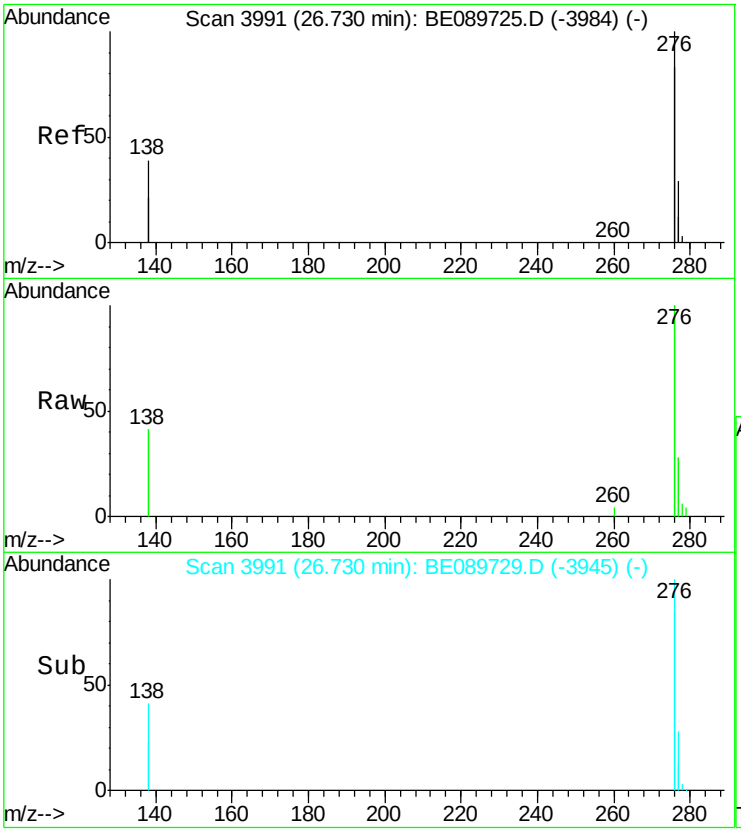


#25
Benzo(a)pyrene
Concen: 0.36 ng/ul
RT: 25.27 min Scan# 3695
Delta R.T. -0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:252 Resp: 3511

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.8	29.6
125	20.5	16.0	24.0

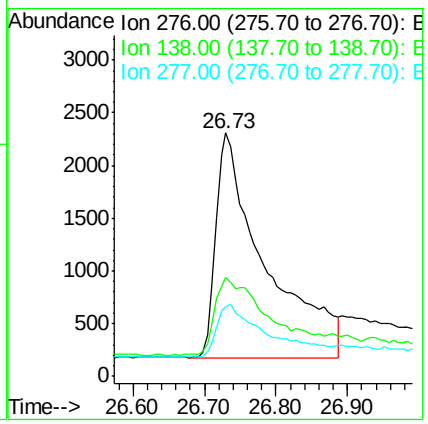


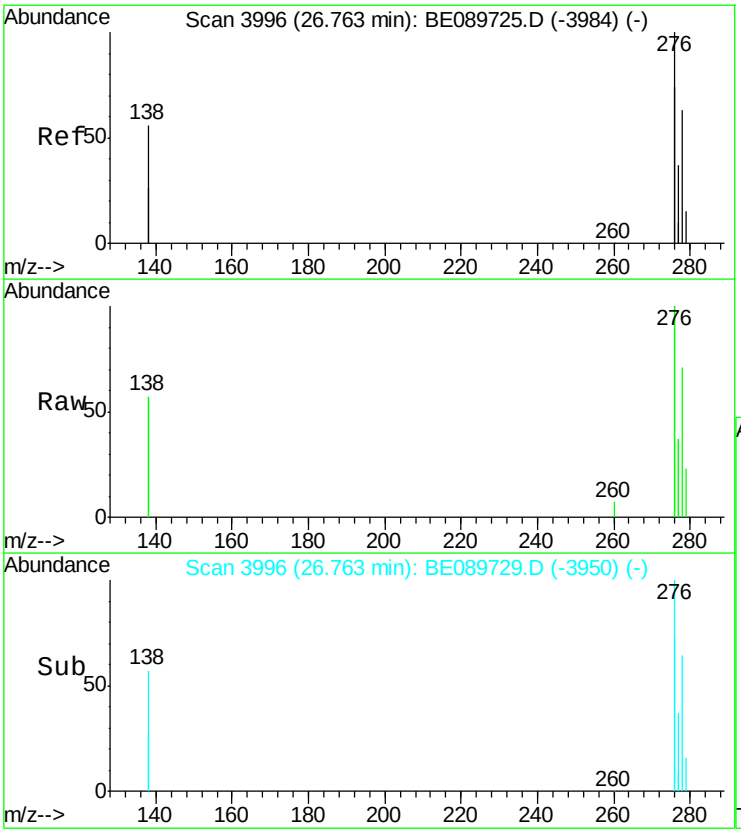


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.28 ng/ul
RT: 26.73 min Scan# 3991
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:276 Resp: 10068

Ion	Ratio	Lower	Upper
276	100		
138	39.8	36.8	55.2
277	24.5	20.6	31.0

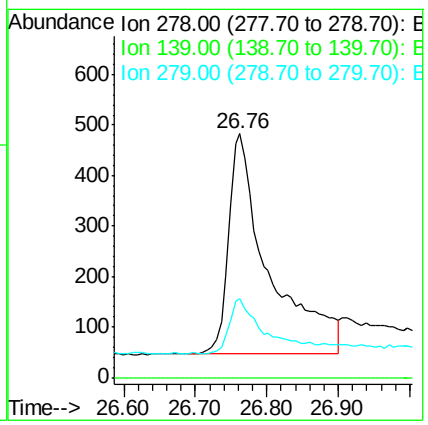


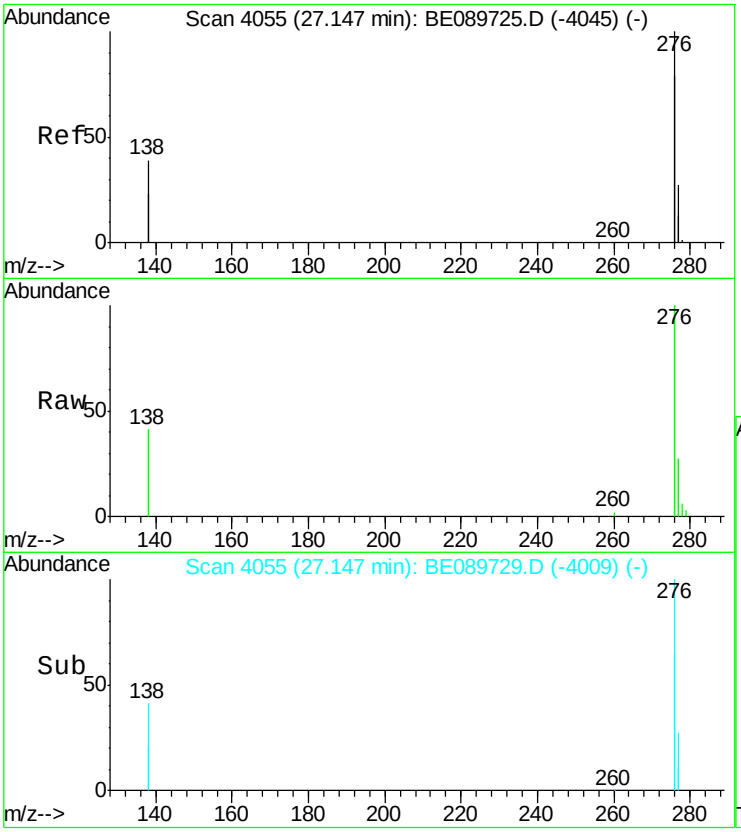


#27
Dibenzo(a,h)anthracene
Concen: 0.26 ng/ul
RT: 26.76 min Scan# 3996
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:278 Resp: 1698

Ion	Ratio	Lower	Upper
278	100		
139	0.0	0.0	0.0
279	32.1	25.4	38.2





#28
Benzo(g,h,i)perylene
Concen: 0.36 ng/ul
RT: 27.15 min Scan# 4055
Delta R.T. 0.00 min
Lab File: BE089729.D
Acq: 4 Mar 2015 18:38

Tgt Ion:276 Resp: 17396

Ion	Ratio	Lower	Upper
276	100		
277	27.2	21.4	32.2
138	41.3	31.4	47.0