Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042418\
Data File : BE096135.D
Acq On : 25 Apr 2018 00:32
Operator : SJ/JU
Sample : J2431-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 25 05:29:38 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	836	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	3373	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2230	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.76	188	443523	0.40	ng/ul	0.10
16) Chrysene-d12	21.89	240	75	0.40	ng/ul	0.14
20) Perylene-d12	24.52	264	235	0.40	ng/ul	0.17
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	2216	0.36	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	11.23	128	6547	0.697	ng/ul#	90
5) 2-Methylnaphthalene	12.81	142	16490	2.621	ng/ul	100
7) Acenaphthylene	14.68	152	5413	0.471	ng/ul#	92
8) Acenaphthene	15.01	153	104861	12.651	ng/ul	95
9) Fluorene	15.98	166	222771	20.313	ng/ul#	90
12) Phenanthrene	17.79	178	290853	0.223	ng/ul#	88
17) Pyrene	20.03	202	571620	3799.104	ng/ul#	77
18) Benzo(a)anthracene	21.92	228	24084	106.068	ng/ul#	49
19) Chrysene	21.79	228	196130	939.999	ng/ul	97
21) Benzo(b)fluoranthene	23.76	252	21654	24.335	ng/ul	88
22) Benzo(k)fluoranthene	23.76	252	21707	25.518	ng/ul#	90
23) Benzo(a)pyrene	24.42	252	19942	25.797	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	27.28	276	798	0.766	ng/ul#	84
25) Dibenzo(a,h)anthracene	27.46	278	6791	7.786	ng/ul	93
26) Benzo(g,h,i)perylene	28.27	276	1044	1.151	ng/ul#	45

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 21 Sample Multiplier: 1

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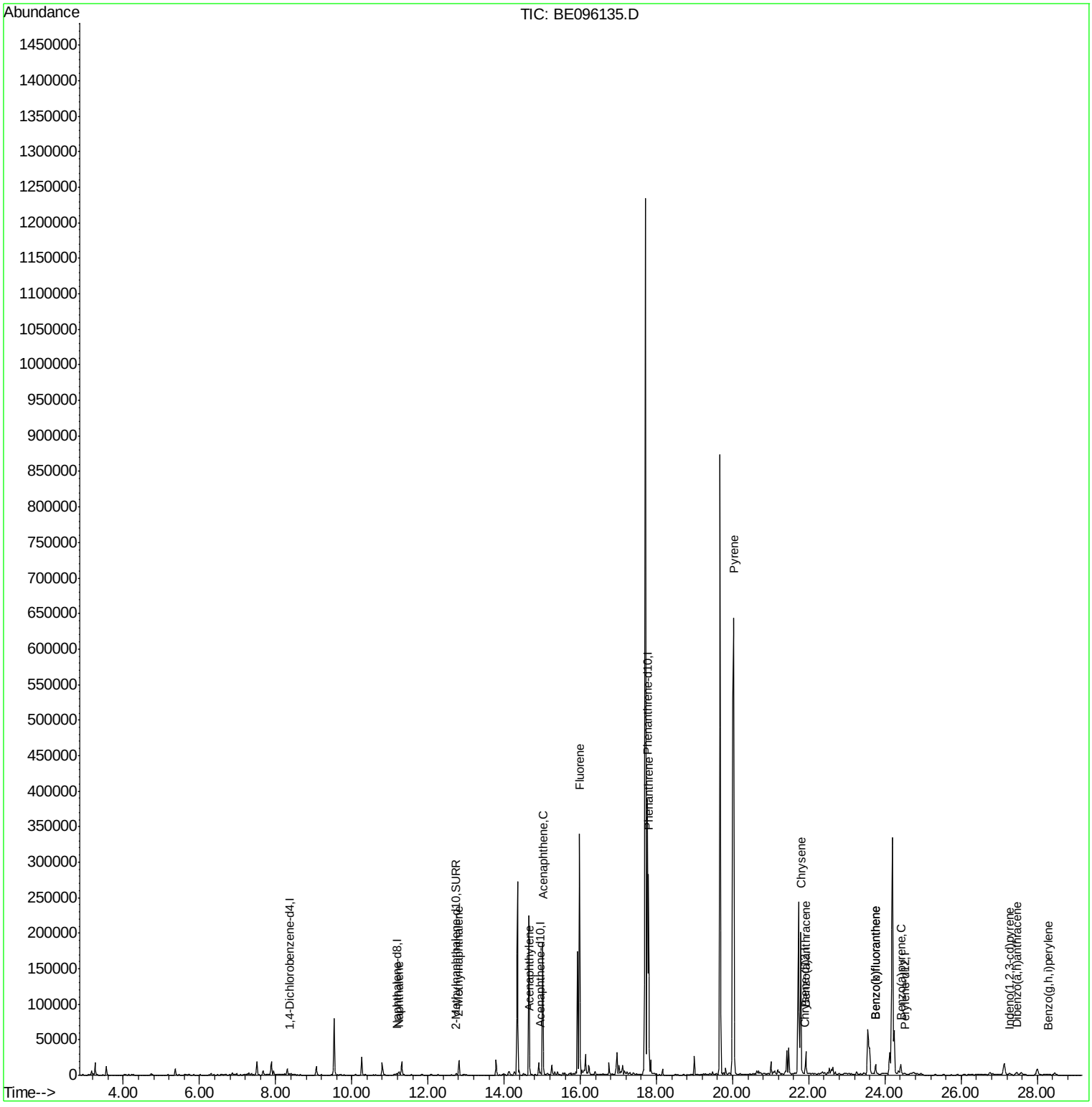
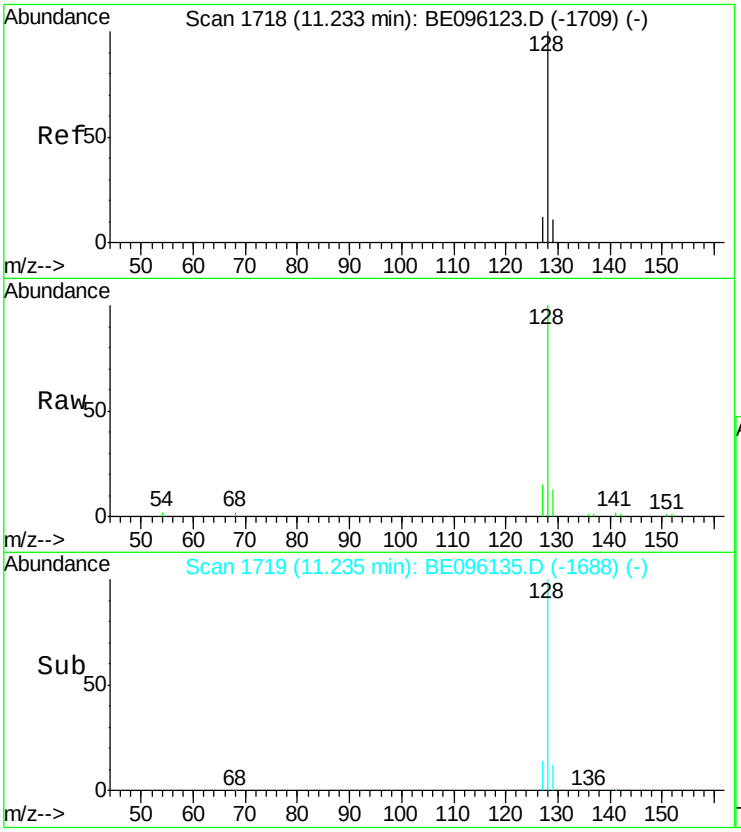
QLast Update : Wed Apr 25 05:27:03 2018
Response via : Initial Calibration

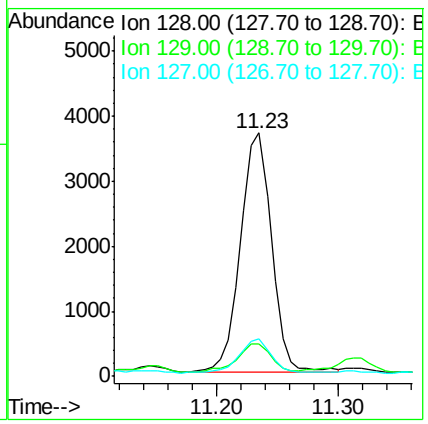


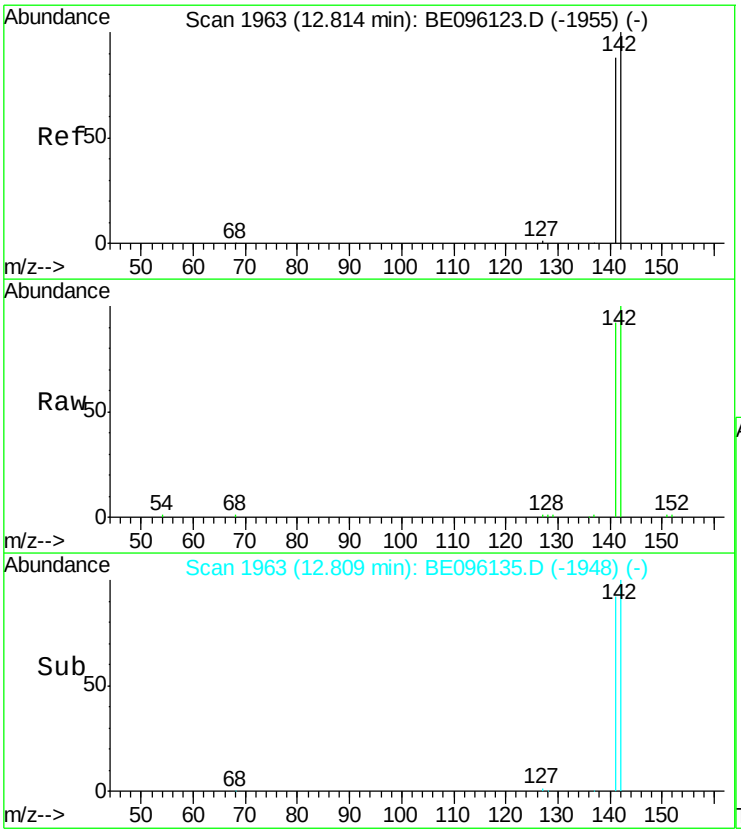


#3
Naphthalene
Concen: 0.697 ng/ul
RT: 11.23 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:128 Resp: 6547

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	15.2	4.0	6.0#

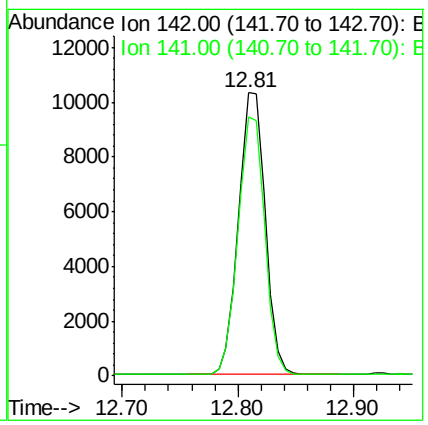


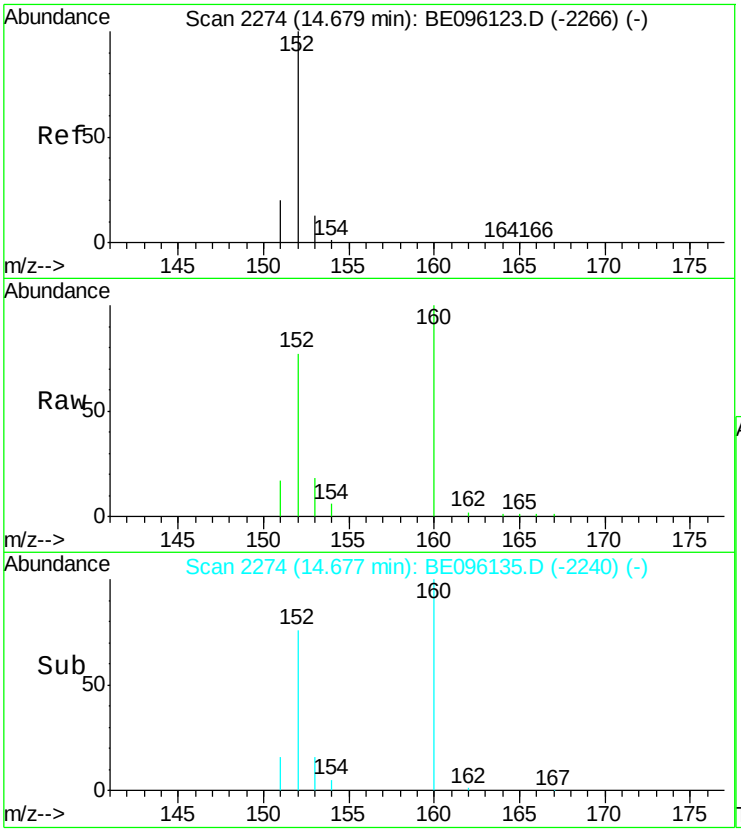


#5
2-Methylnaphthalene
Concen: 2.621 ng/ul
RT: 12.81 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:142 Resp: 16490

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8

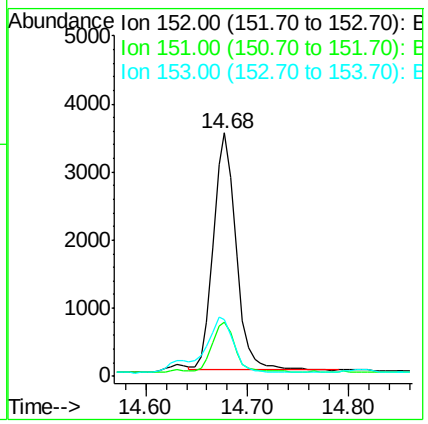


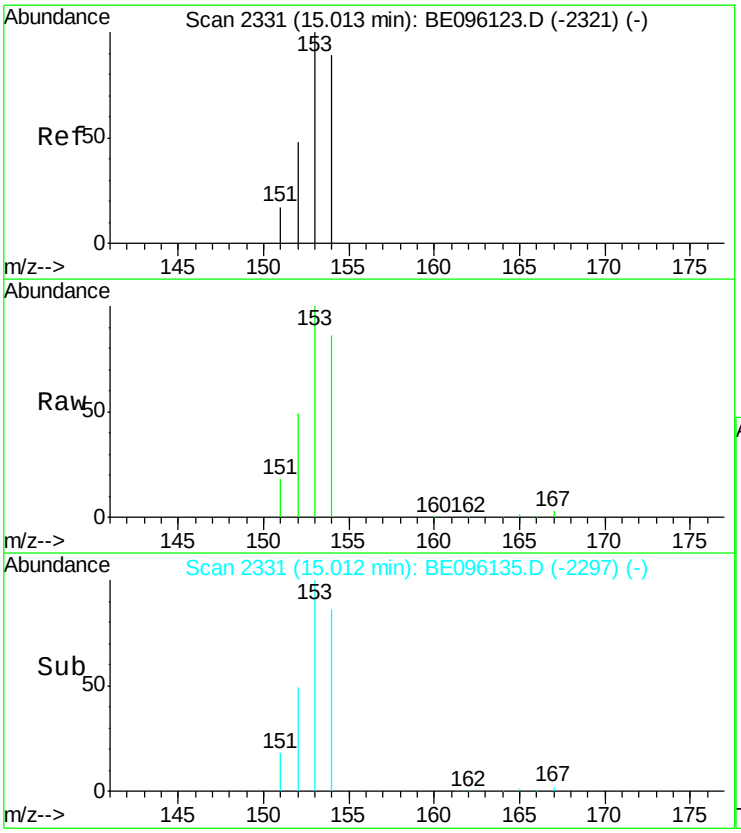


#7
Acenaphthylene
Concen: 0.471 ng/ul
RT: 14.68 min Scan# 2274
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:152 Resp: 5413

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	23.2	12.8	19.2#

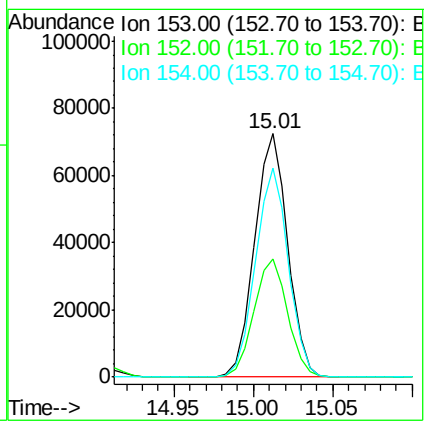


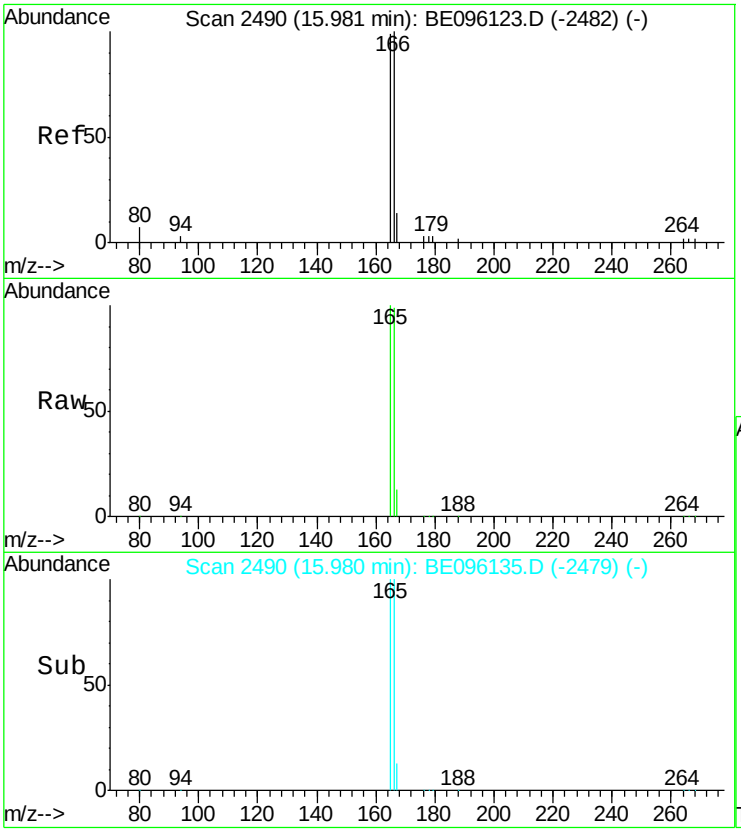


#8
Acenaphthene
Concen: 12.651 ng/ul
RT: 15.01 min Scan# 2331
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:153 Resp: 104861

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.0	54.0
154	85.8	72.0	108.0

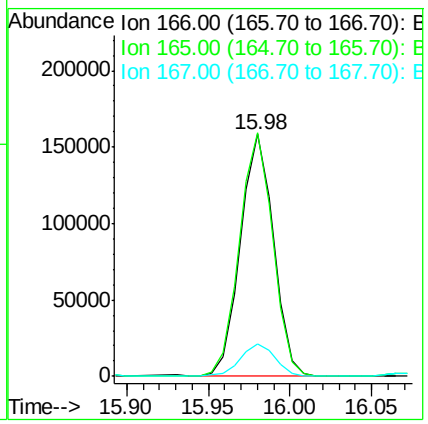


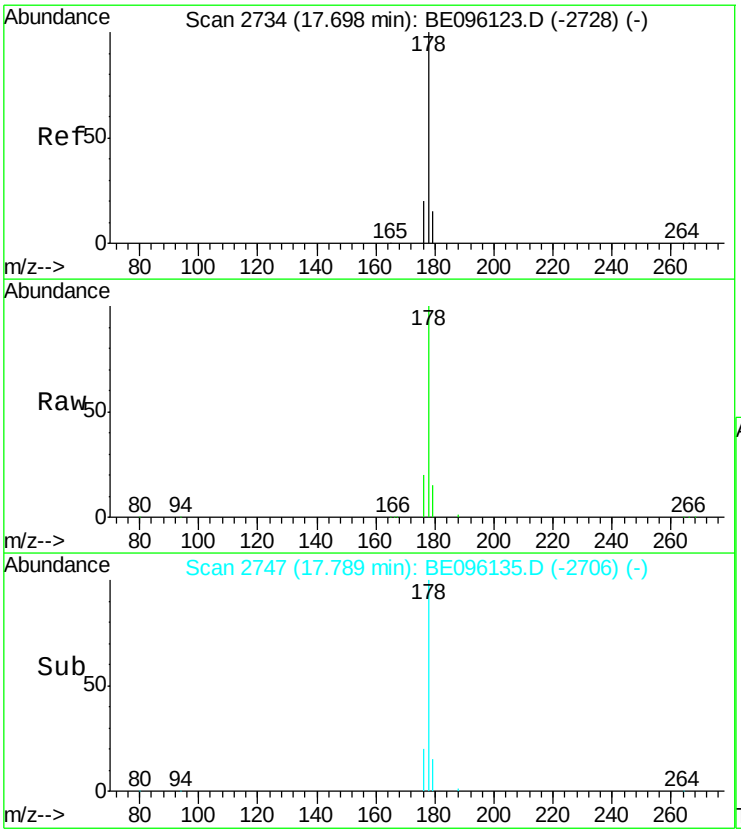


#9
Fluorene
Concen: 20.313 ng/ul
RT: 15.98 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:166 Resp: 222771

Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	13.5	14.6	22.0#

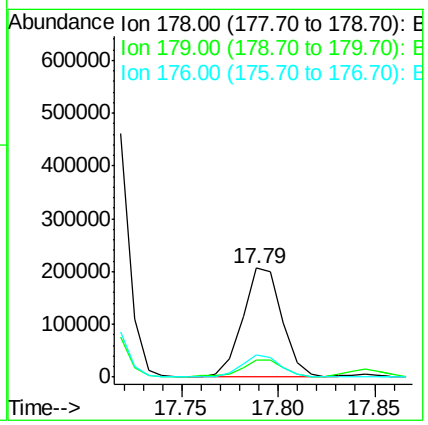


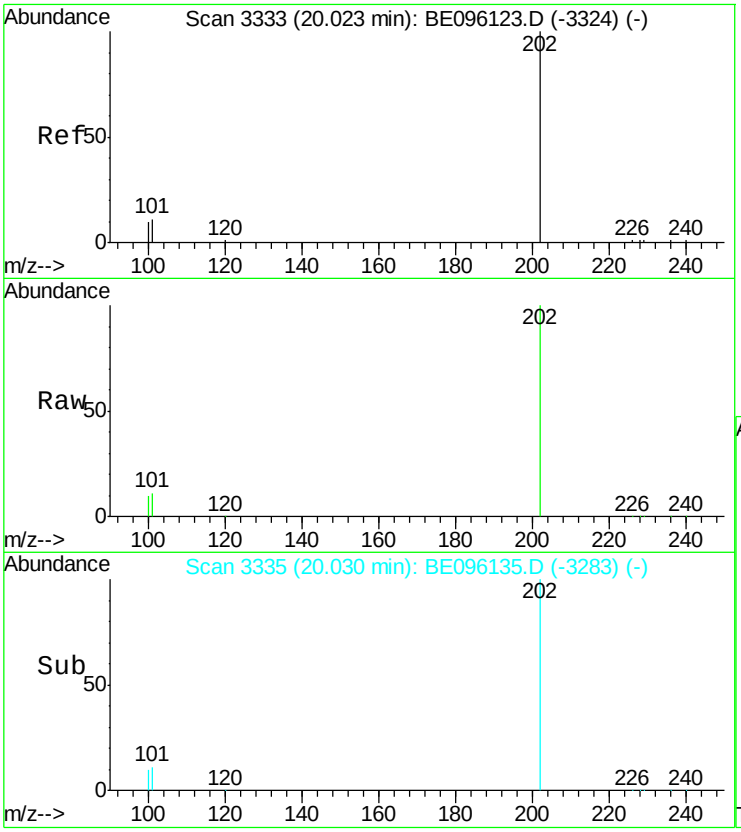


#12
Phenanthrene
Concen: 0.223 ng/ul
RT: 17.79 min Scan# 2747
Delta R.T. 0.09 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:178 Resp: 290853

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.4	27.6#
176	20.0	13.6	20.4

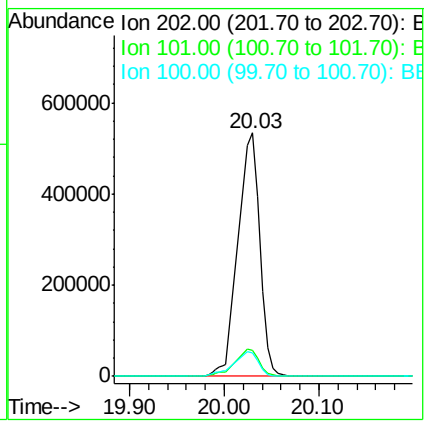


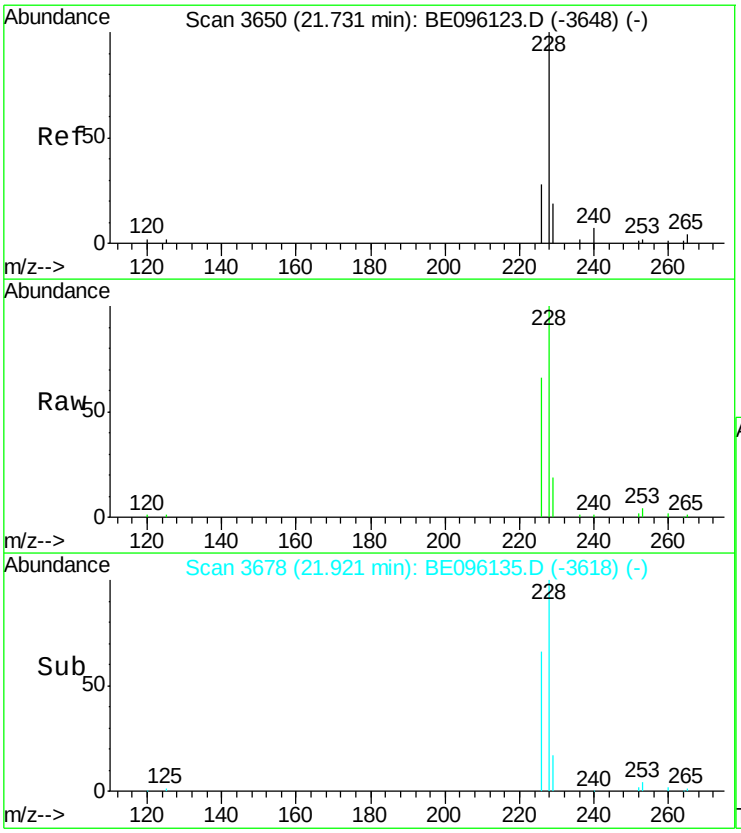


#17
Pyrene
Concen: 3799.104 ng/ul
RT: 20.03 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:202 Resp: 571620

Ion	Ratio	Lower	Upper
202	100		
101	10.9	18.2	27.4#
100	9.6	15.6	23.4#

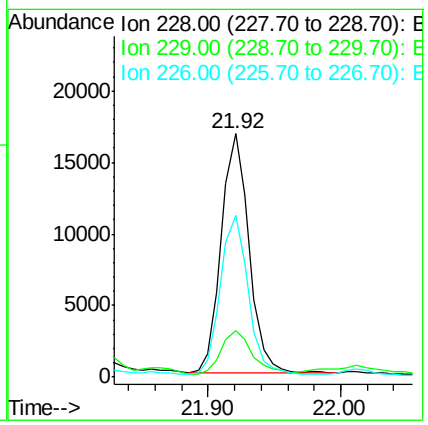


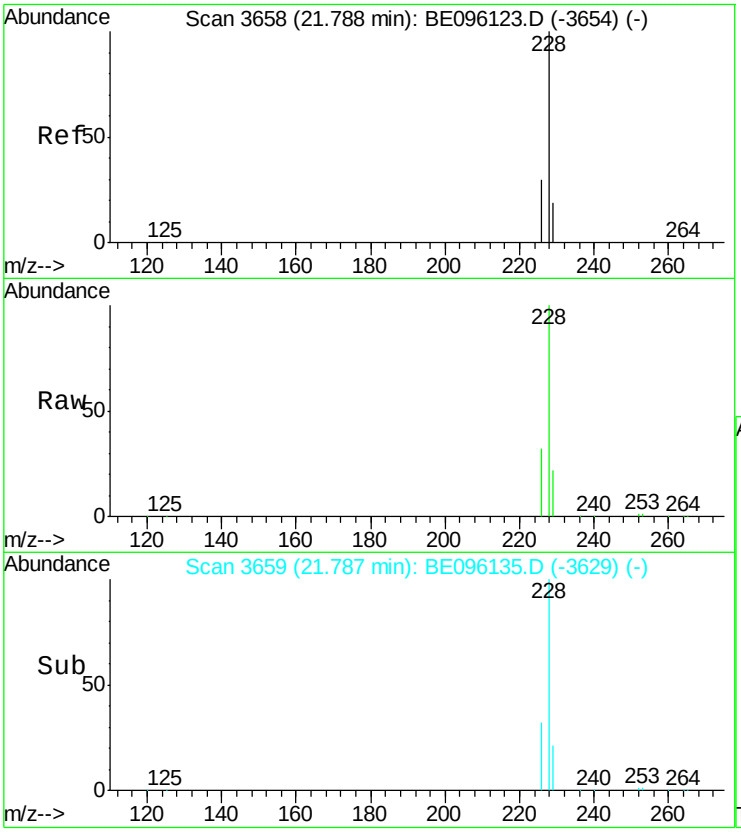


#18
Benzo(a)anthracene
Concen: 106.068 ng/ul
RT: 21.92 min Scan# 3678
Delta R.T. 0.19 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:228 Resp: 24084

Ion	Ratio	Lower	Upper
228	100		
229	19.0	22.8	34.2#
226	66.4	17.0	25.6#

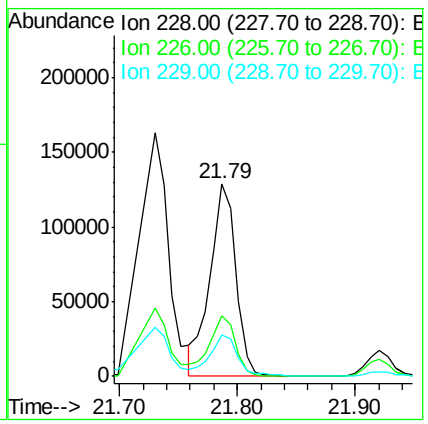


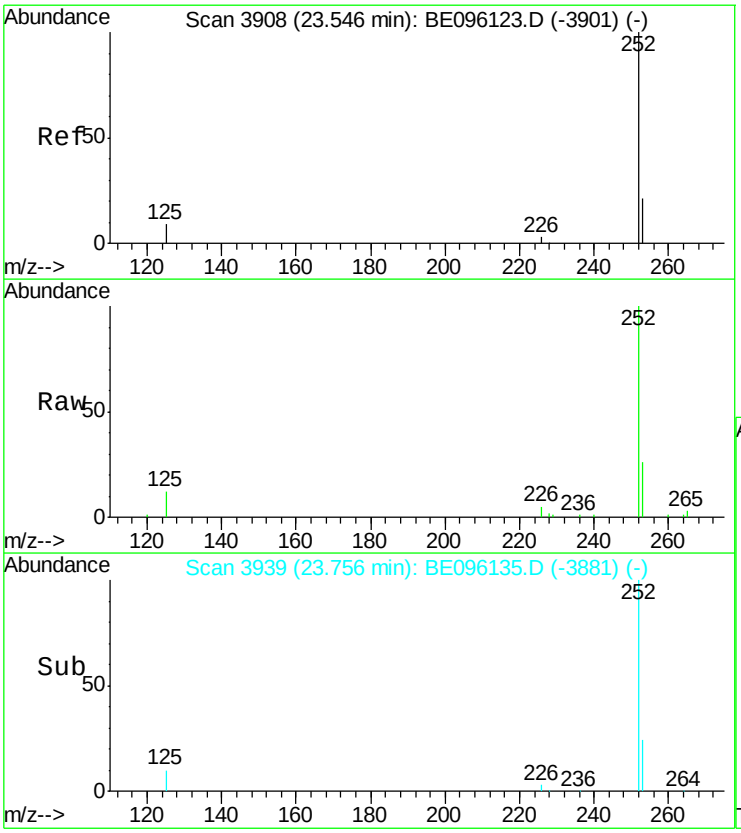


#19
Chrysene
Concen: 939.999 ng/ul
RT: 21.79 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:228 Resp: 196130

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.0
229	21.5	17.7	26.5

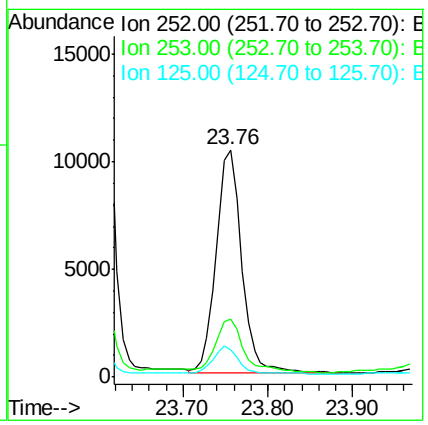


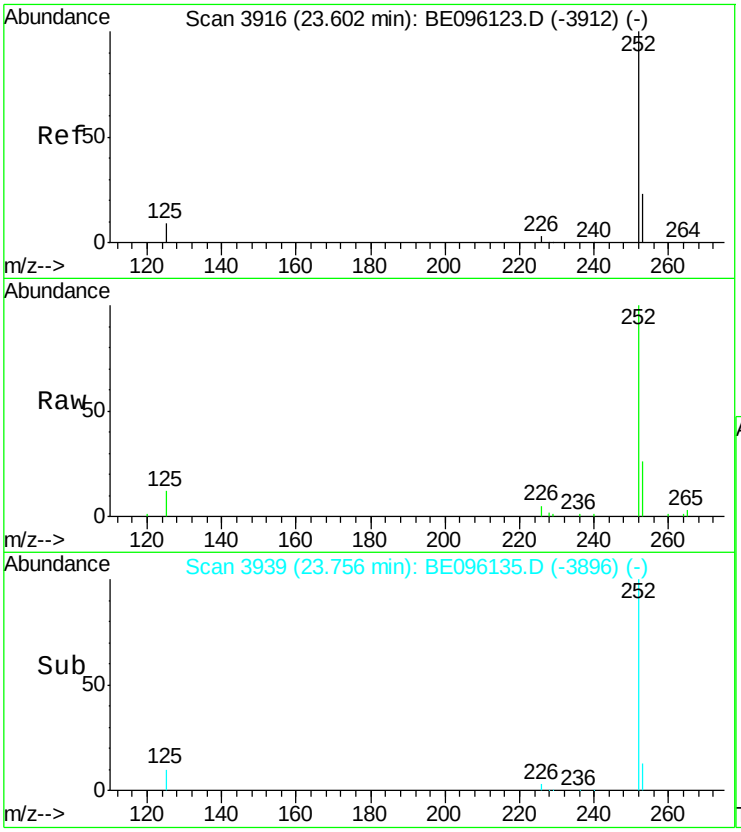


#21
Benzo(b)fluoranthene
Concen: 24.335 ng/ul
RT: 23.76 min Scan# 3939
Delta R.T. 0.21 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:252 Resp: 21654

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	64.2
125	12.2	0.0	35.0

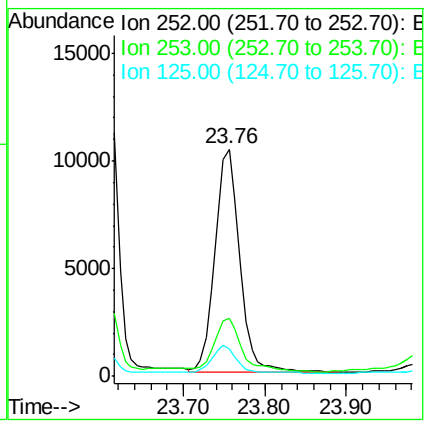


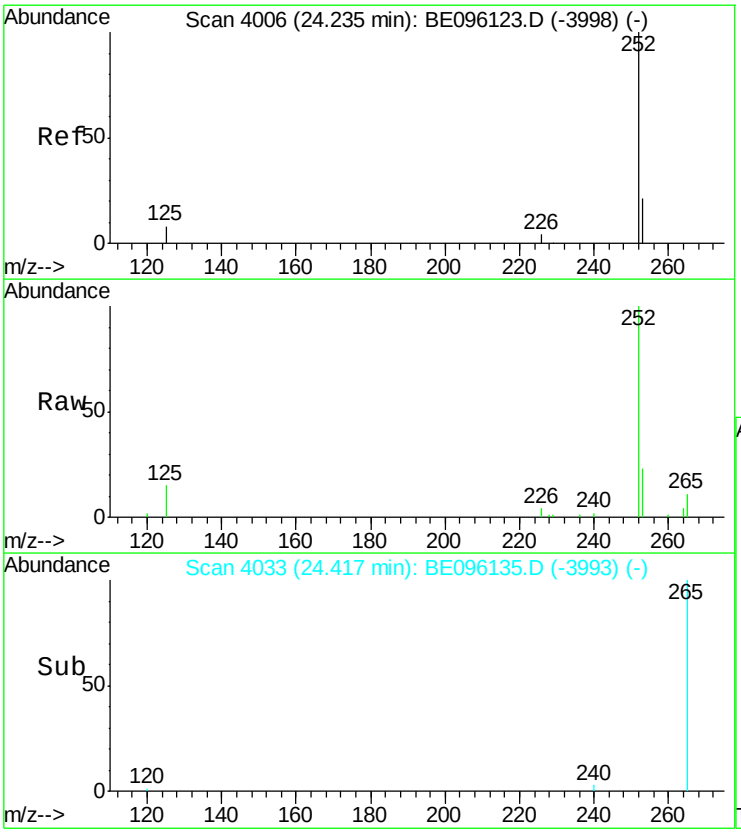


#22
Benzo(k)fluoranthene
Concen: 25.518 ng/ul
RT: 23.76 min Scan# 3939
Delta R.T. 0.15 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:252 Resp: 21707

Ion	Ratio	Lower	Upper
252	100		
253	25.7	24.5	36.7
125	12.2	13.7	20.5#

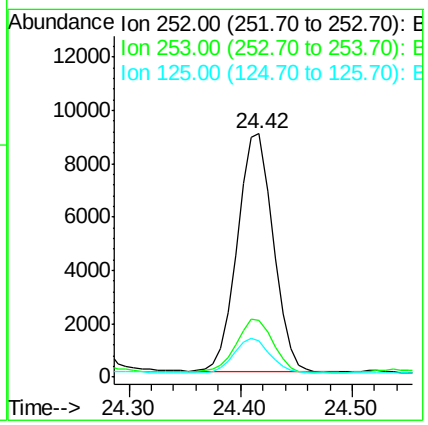


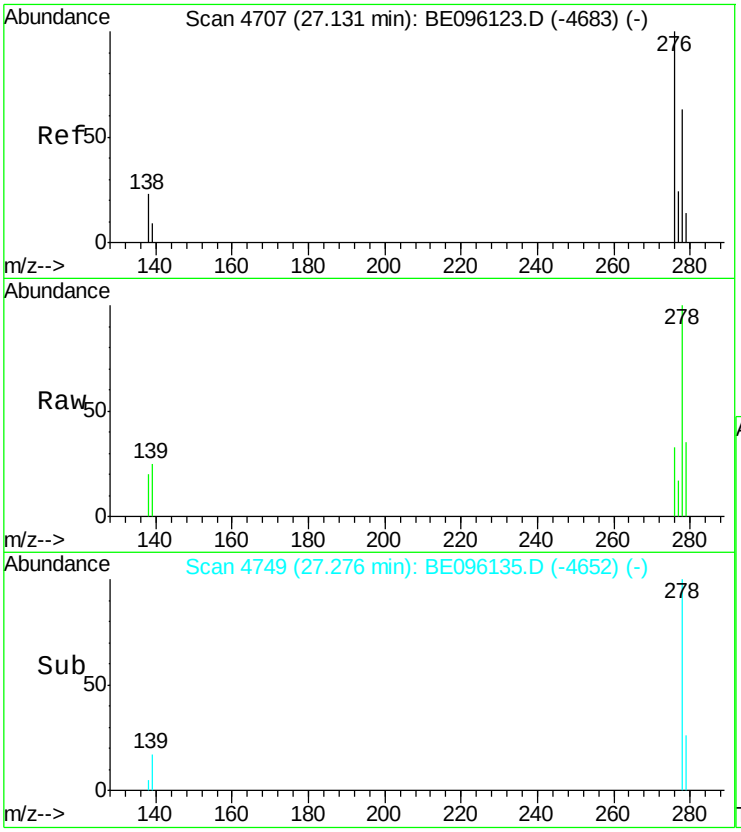


#23
Benzo(a)pyrene
Concen: 25.797 ng/ul
RT: 24.42 min Scan# 4033
Delta R.T. 0.18 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:252 Resp: 19942

Ion	Ratio	Lower	Upper
252	100		
253	23.3	28.5	42.7#
125	14.7	18.1	27.1#

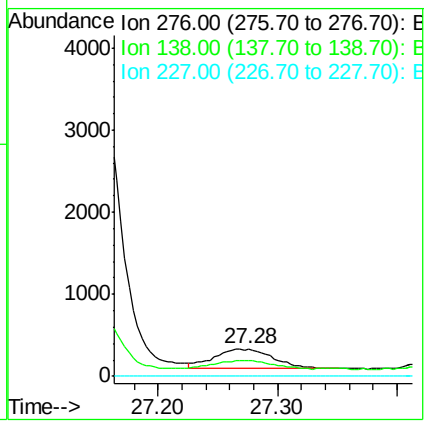


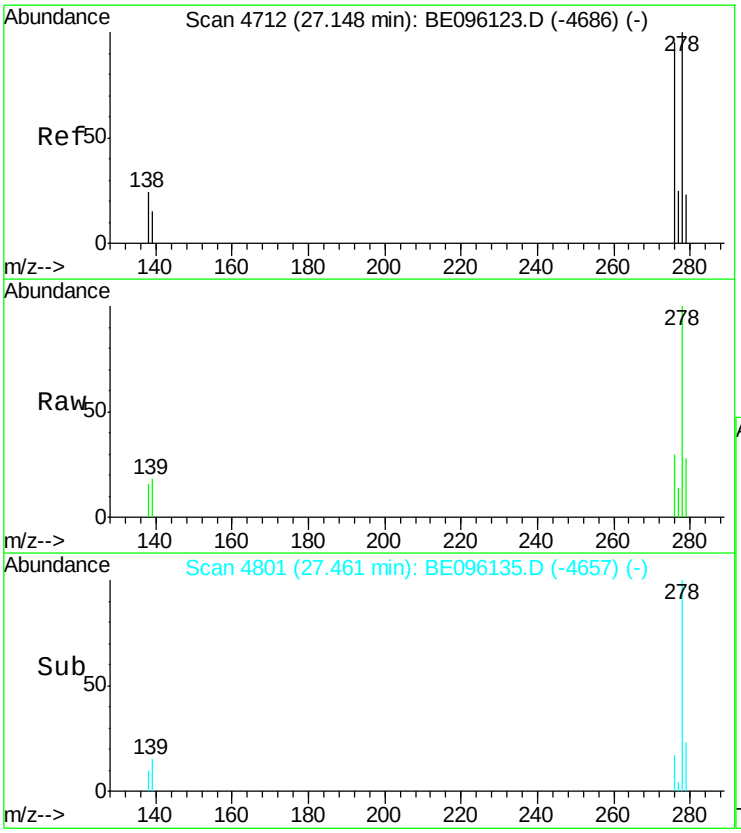


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.766 ng/ul
RT: 27.28 min Scan# 4749
Delta R.T. 0.15 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:276 Resp: 798

Ion	Ratio	Lower	Upper
276	100		
138	42.7	28.0	42.0#
227	0.0	8.0	12.0#

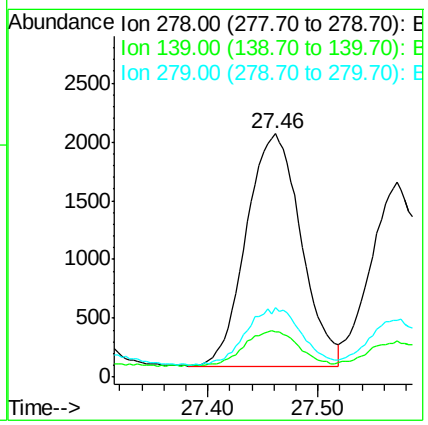


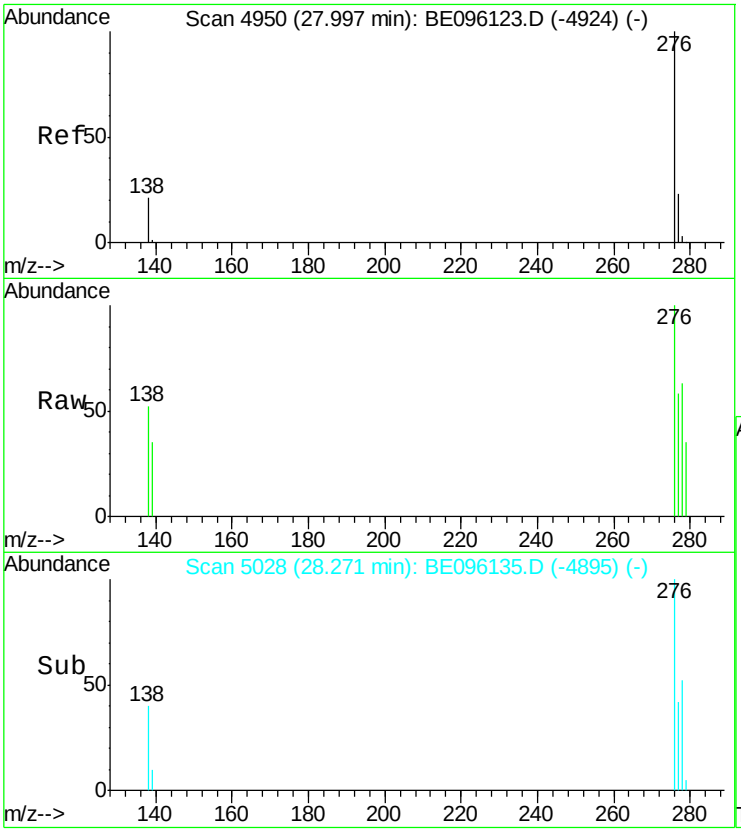


#25
Dibenzo(a,h)anthracene
Concen: 7.786 ng/ul
RT: 27.46 min Scan# 4801
Delta R.T. 0.31 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:278 Resp: 6791

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	28.5	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.151 ng/ul
RT: 28.27 min Scan# 5028
Delta R.T. 0.27 min
Lab File: BE096135.D
Acq: 25 Apr 2018 00:32

Tgt Ion:276 Resp: 1044

Ion	Ratio	Lower	Upper
276	100		
138	51.5	21.8	32.8#
277	57.9	20.5	30.7#