Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096872.D
Acq On : 7 Jul 2018 2:50
Operator : SJ/JU
Sample : J3765-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 07 06:49:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 06 16:55:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	3414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	18165	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	11778	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.87	188	1308199	0.40	ng/ul	0.10
16) Chrysene-d12	21.11	240	110	0.40	ng/ul	0.13
20) Perylene-d12	23.48	264	877	0.40	ng/ul	0.27
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	6835	0.23	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	270	0.00	ng/ul	0.05
Target Compounds						Qvalue
3) Naphthalene	10.19	128	7123	0.162	ng/ul#	93
5) 2-Methylnaphthalene	11.81	142	2346	0.078	ng/ul	96
7) Acenaphthylene	13.74	152	21669	0.449	ng/ul	97
8) Acenaphthene	14.09	153	2600	0.065	ng/ul	92
9) Fluorene	15.08	166	3878	0.094	ng/ul	93
12) Phenanthrene	16.91	178	162038	0.048	ng/ul#	89
17) Pyrene	19.21	202	411450	1139.511	ng/ul#	81
18) Benzo(a)anthracene	21.13	228	17301	66.682	ng/ul#	55
19) Chrysene	21.02	228	296184	881.144	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	60797	25.400	ng/ul	90
23) Benzo(a)pyrene	23.36	252	499	0.246	ng/ul#	24
24) Indeno(1,2,3-cd)pyrene	25.78	276	4798	2.283	ng/ul#	72
25) Dibenzo(a,h)anthracene	25.79	278	18430	11.039	ng/ul	92
26) Benzo(g,h,i)perylene	26.58	276	5932	2.908	ng/ul#	89

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

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Misc :
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QLast Update : Fri Jul 06 16:55:25 2018
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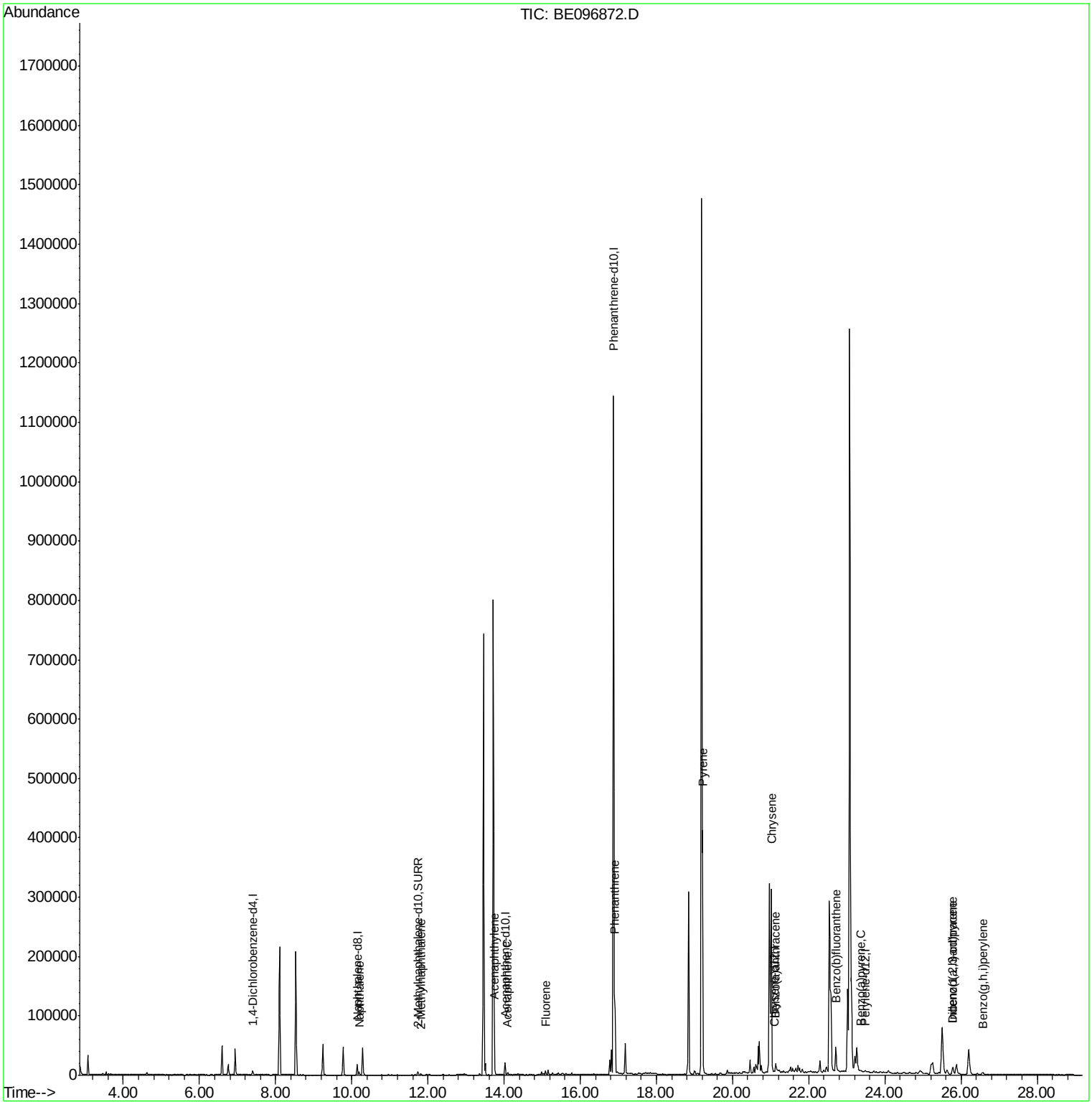
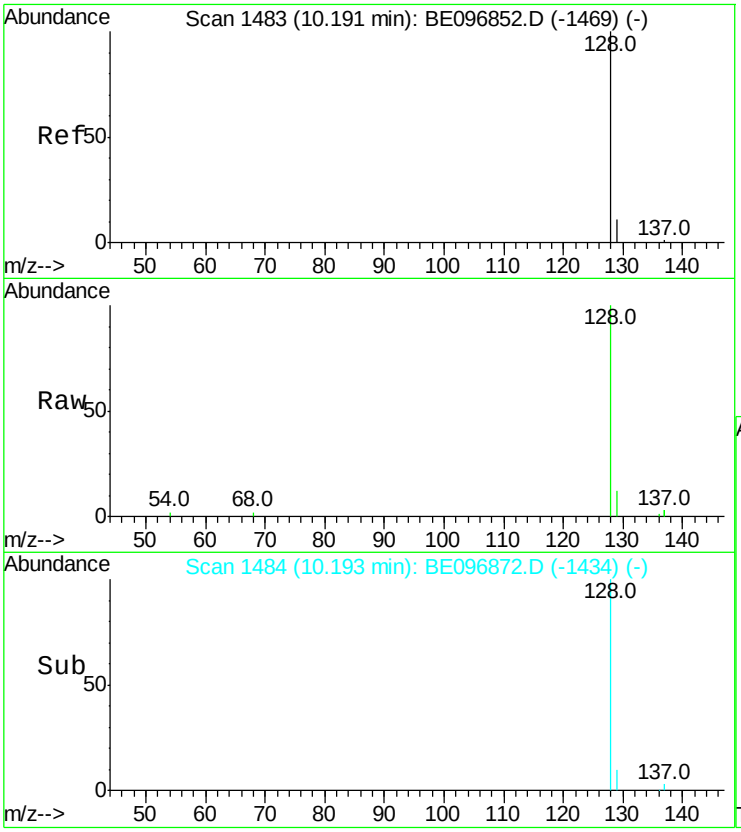


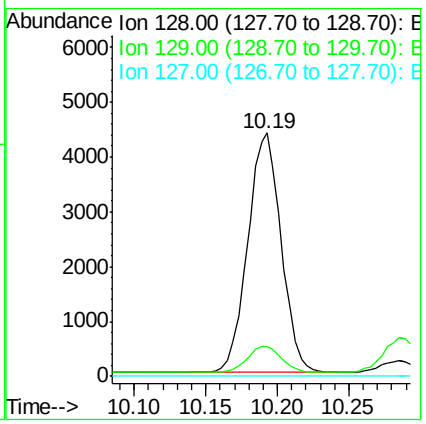


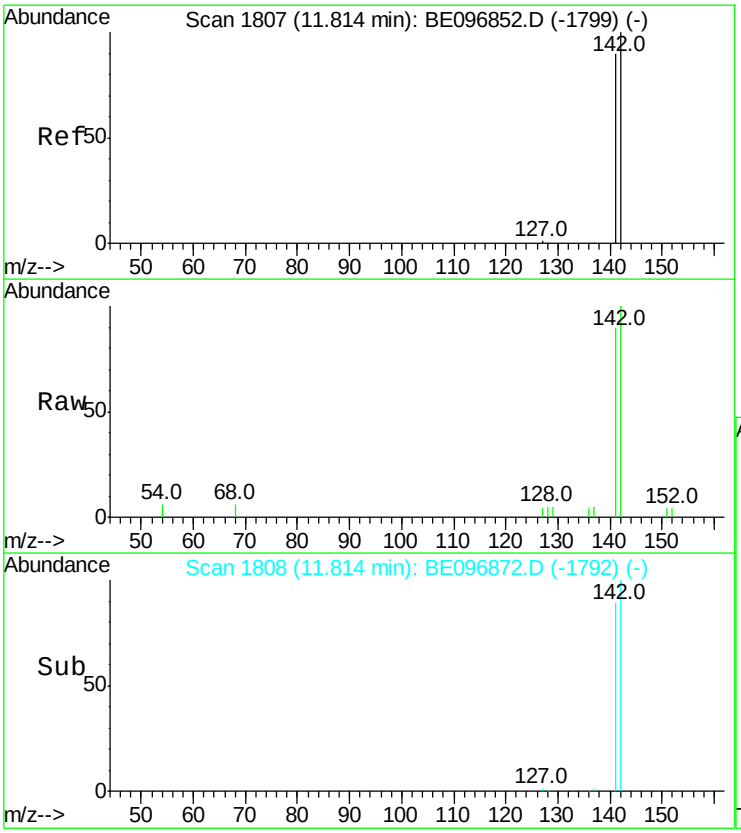
#3
Naphthalene
Concen: 0.162 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7123

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.3	16.9
127	0.0	4.0	6.0#

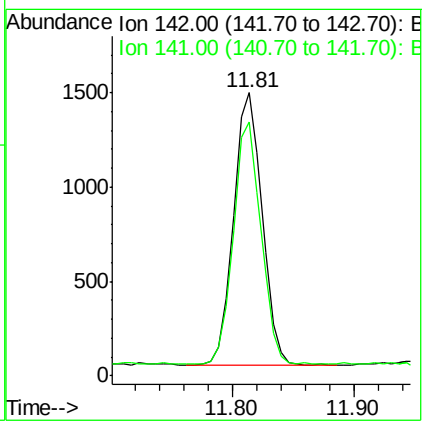


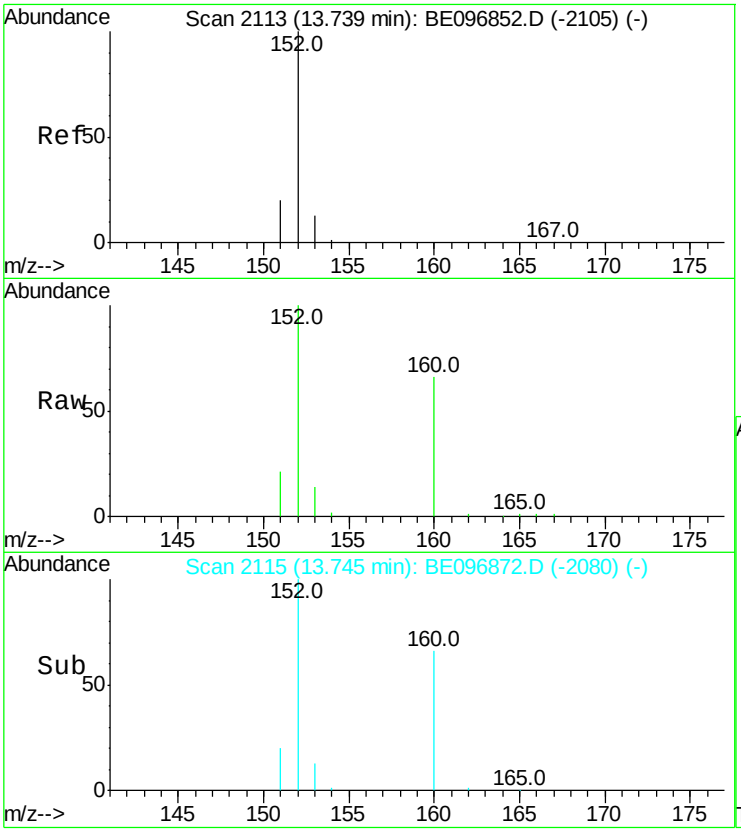


#5
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:142 Resp: 2346

Ion	Ratio	Lower	Upper
142	100		
141	86.7	72.6	108.8



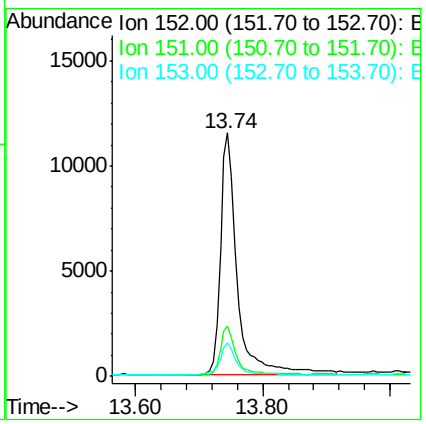


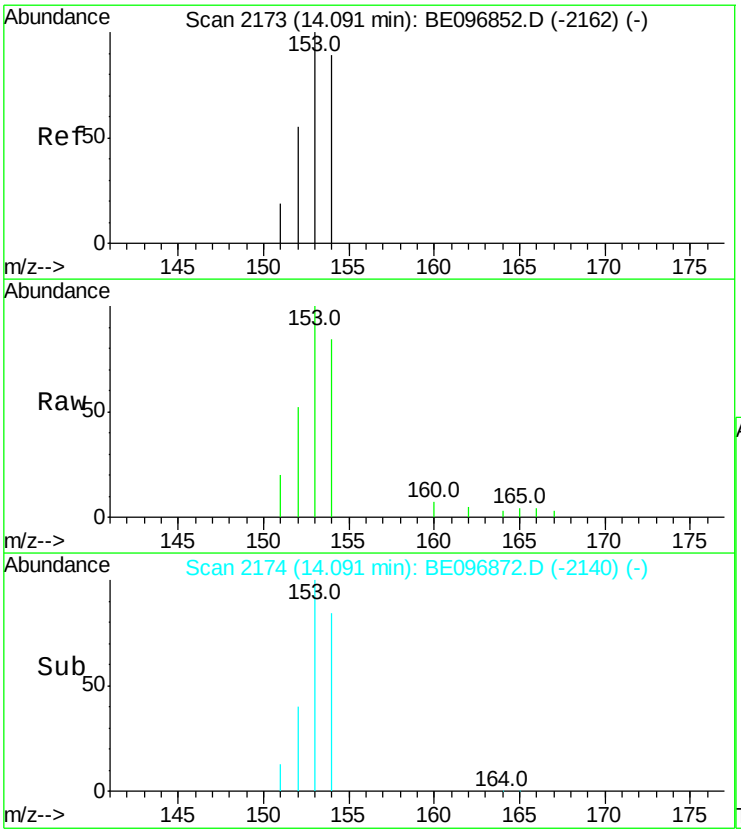
#7
Acenaphthylene
Concen: 0.449 ng/ul
RT: 13.74 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 21669

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.1	25.7
153	13.7	12.8	19.2

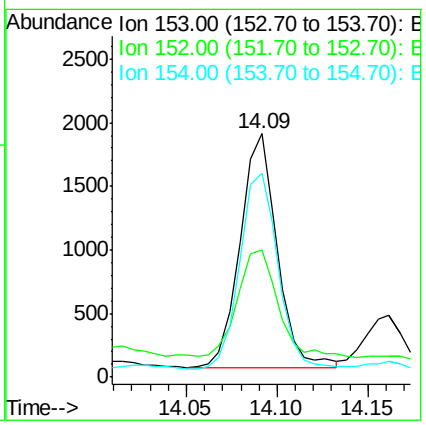


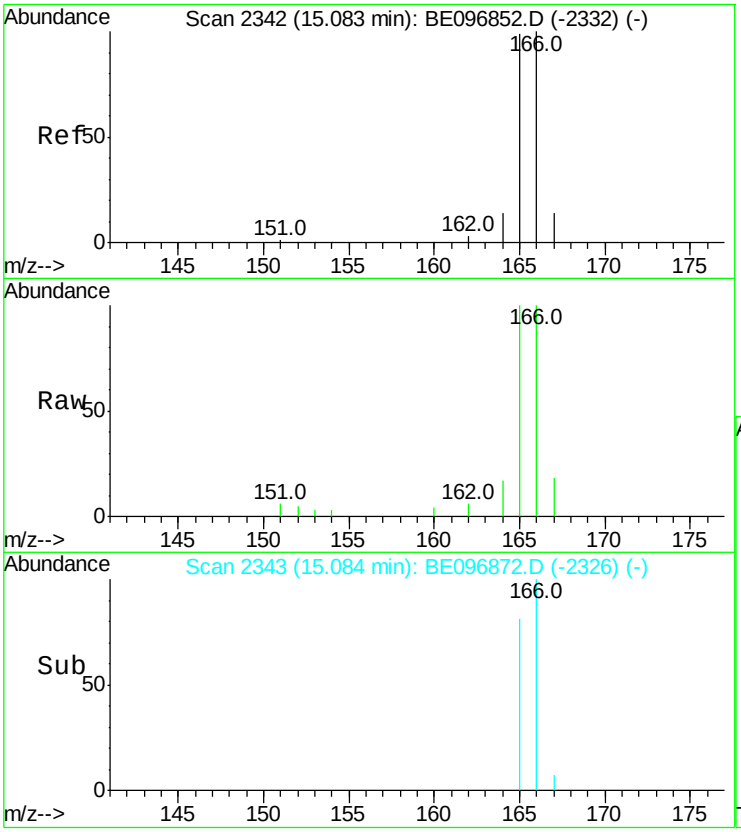


#8
Acenaphthene
Concen: 0.065 ng/ul
RT: 14.09 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:153 Resp: 2600

Ion	Ratio	Lower	Upper
153	100		
152	52.5	36.0	54.0
154	83.9	72.0	108.0



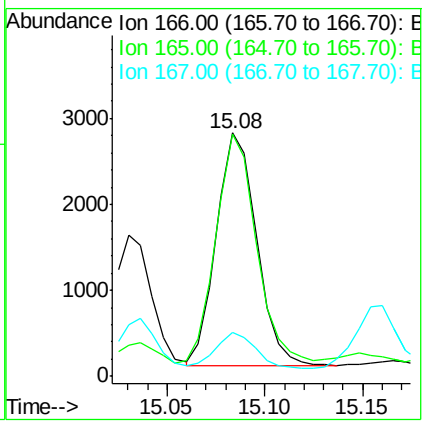


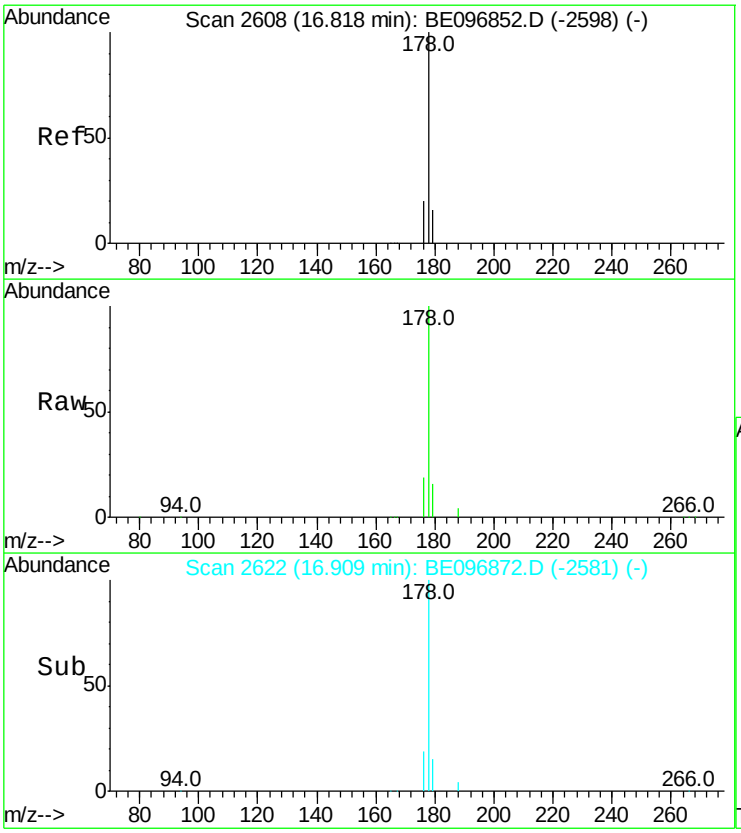
#9
Fluorene
Concen: 0.094 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3878

Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	17.8	14.6	22.0

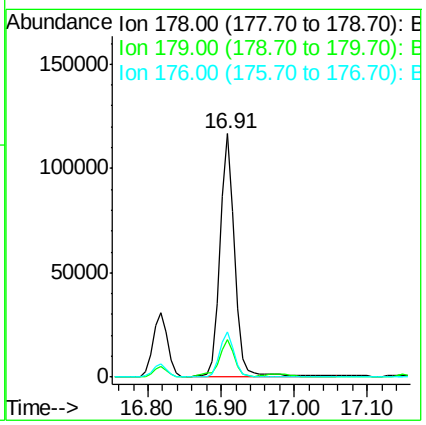


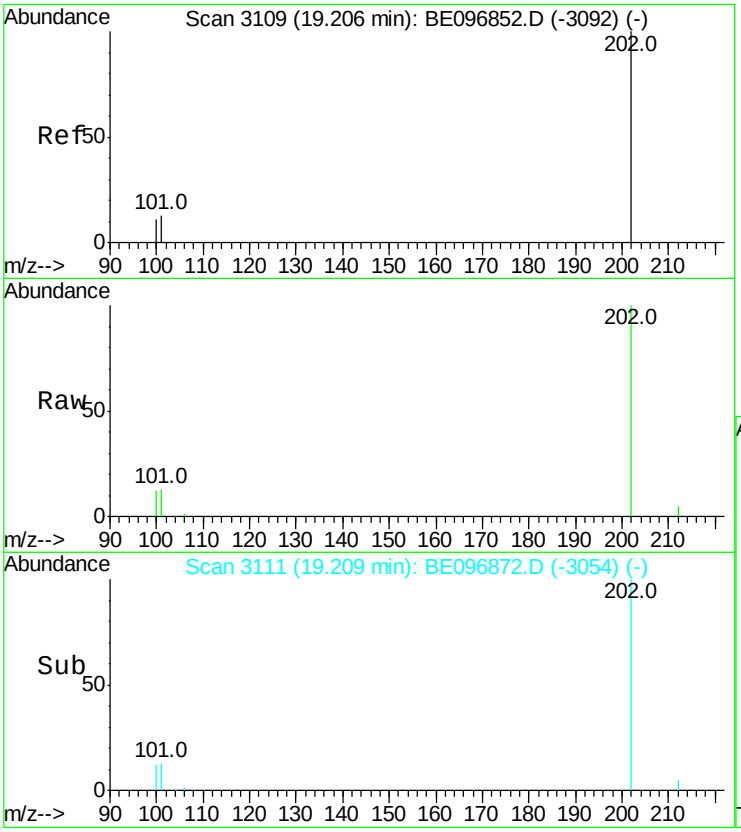


#12
Phenanthrene
Concen: 0.048 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. 0.09 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:178 Resp: 162038

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	18.7	13.6	20.4



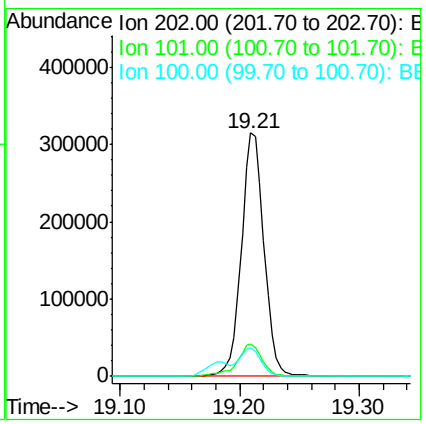


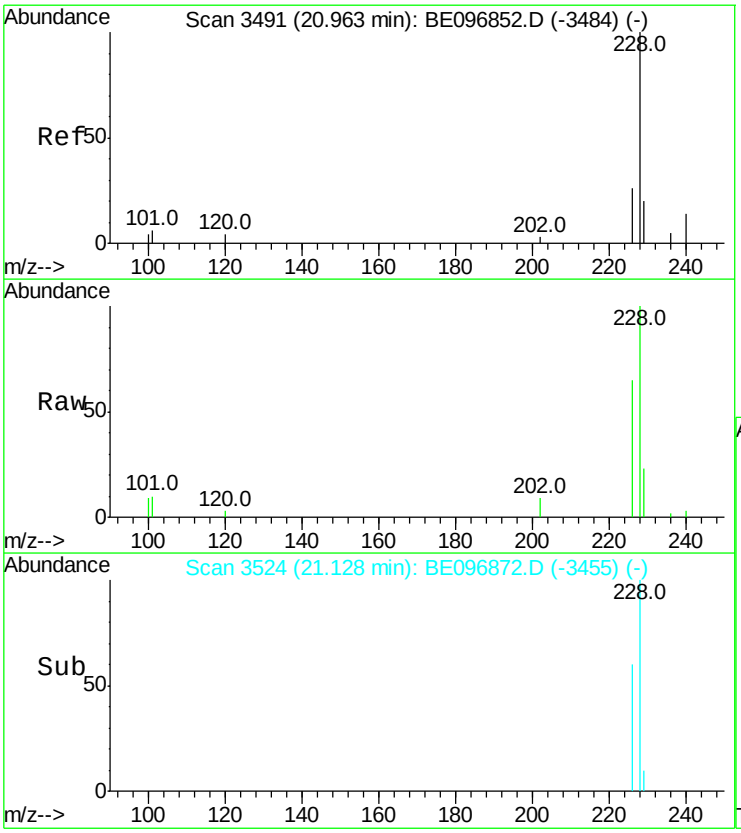
#17
Pyrene
Concen: 1139.511 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 411450

Ion	Ratio	Lower	Upper
202	100		
101	13.3	18.2	27.4#
100	11.6	15.6	23.4#

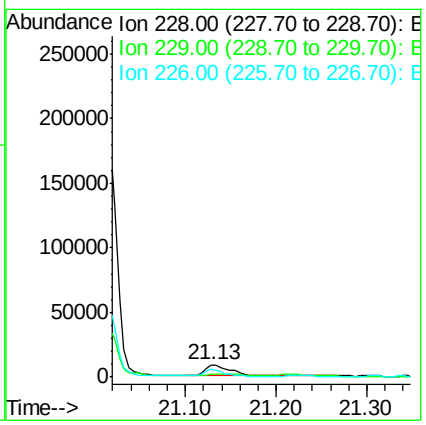


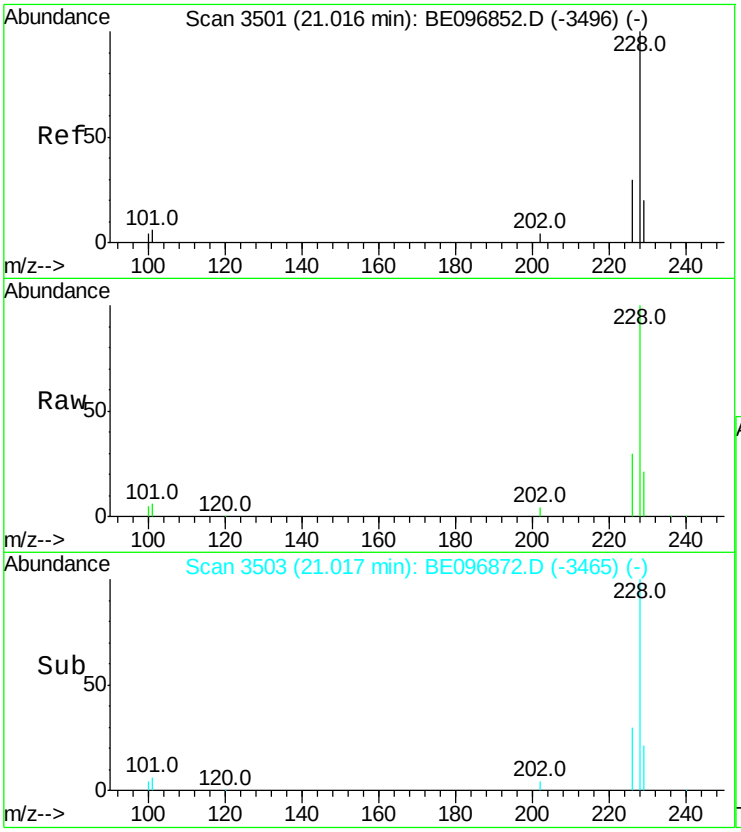


#18
Benzo(a)anthracene
Concen: 66.682 ng/ul
RT: 21.13 min Scan# 3524
Delta R.T. 0.17 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:228 Resp: 17301

Ion	Ratio	Lower	Upper
228	100		
229	23.1	22.8	34.2
226	64.9	17.0	25.6#



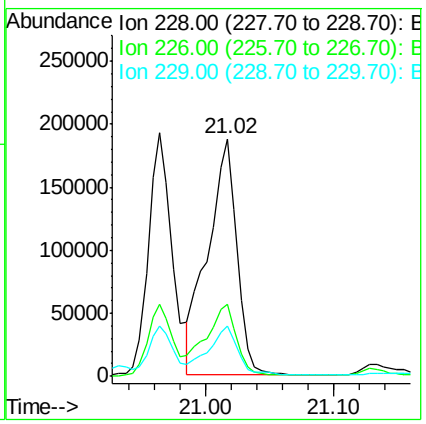


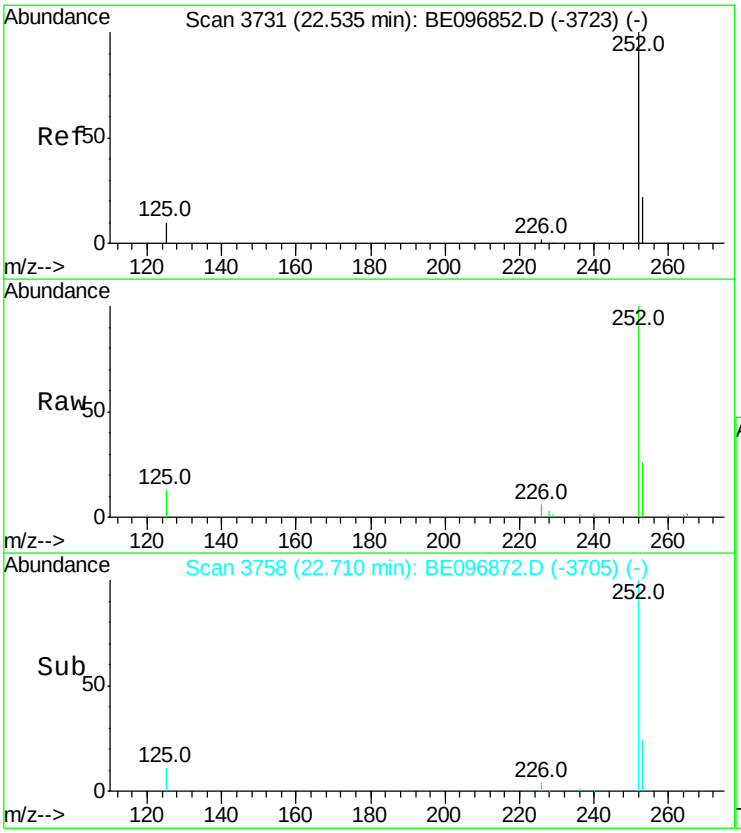
#19
Chrysene
Concen: 881.144 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 296184

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.1	17.7	26.5

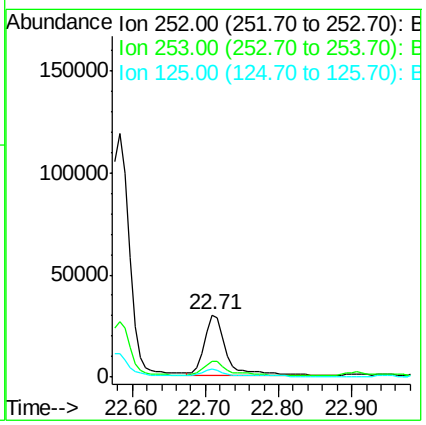


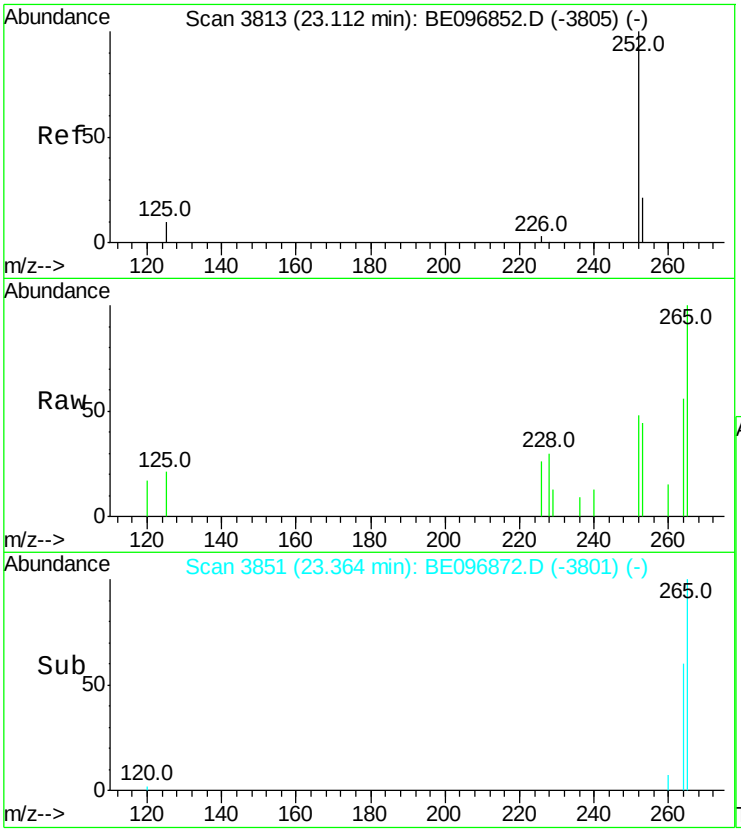


#21
Benzo(b)fluoranthene
Concen: 25.400 ng/ul
RT: 22.71 min Scan# 3758
Delta R.T. 0.17 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:252 Resp: 60797

Ion	Ratio	Lower	Upper
252	100		
253	26.4	0.0	64.2
125	12.9	0.0	35.0



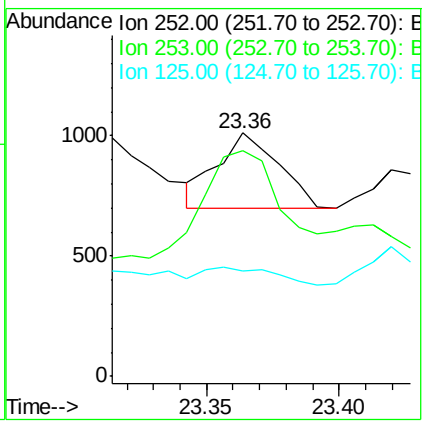


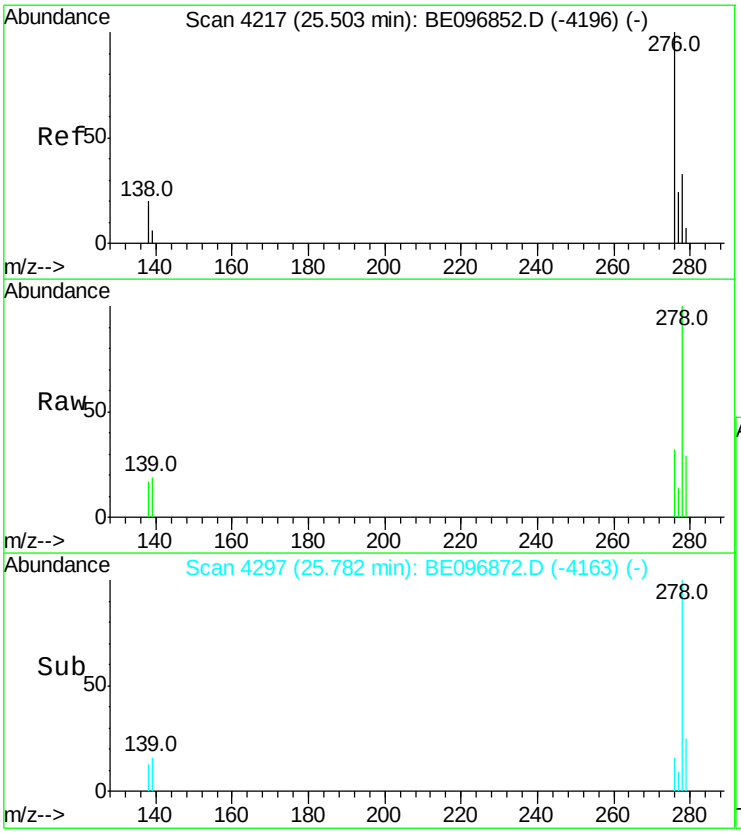
#23
Benzo(a)pyrene
Concen: 0.246 ng/ul
RT: 23.36 min Scan# 3851
Delta R.T. 0.25 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 499

Ion	Ratio	Lower	Upper
252	100		
253	92.9	28.5	42.7#
125	43.2	18.1	27.1#

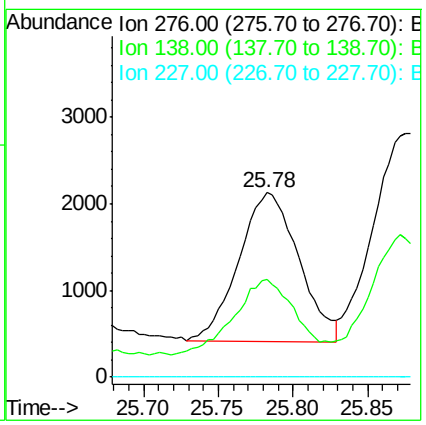


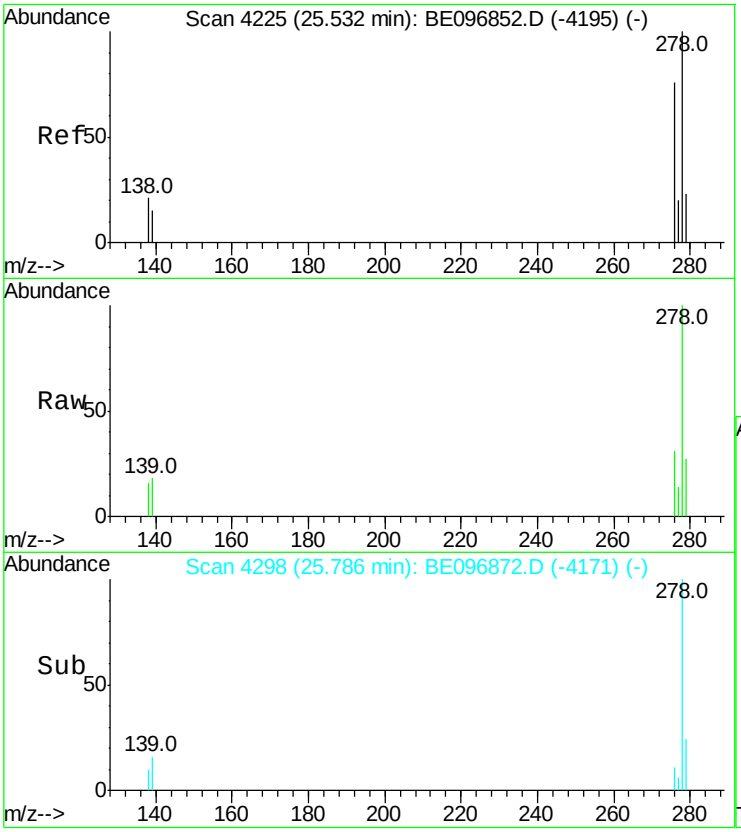


#24
Indeno(1,2,3-cd)pyrene
Concen: 2.283 ng/ul
RT: 25.78 min Scan# 4297
Delta R.T. 0.28 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:276 Resp: 4798

Ion	Ratio	Lower	Upper
276	100		
138	51.5	28.0	42.0#
227	0.0	8.0	12.0#



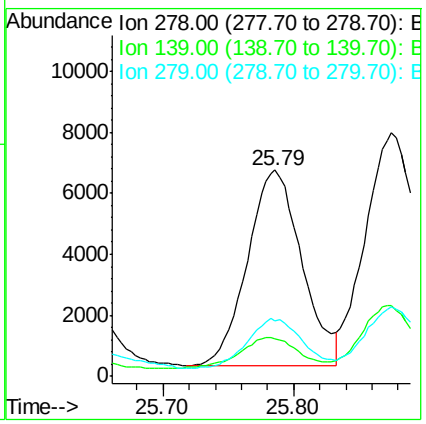


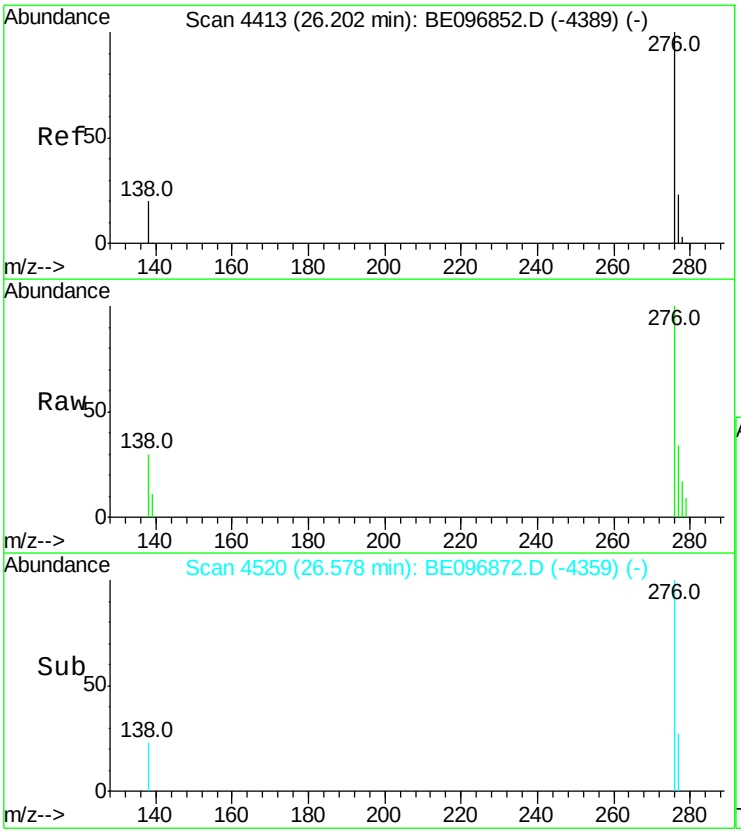
#25
Dibenzo(a,h)anthracene
Concen: 11.039 ng/ul
RT: 25.79 min Scan# 4298
Delta R.T. 0.25 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 18430

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.4	26.0
279	27.2	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 2.908 ng/ul
RT: 26.58 min Scan# 4520
Delta R.T. 0.38 min
Lab File: BE096872.D
Acq: 7 Jul 2018 2:50

Tgt Ion:276 Resp: 5932

Ion	Ratio	Lower	Upper
276	100		
138	30.2	21.8	32.8
277	34.2	20.5	30.7#