Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014428.D
Acq On : 01 Mar 2018 07:32
Operator : SJ/JU
Sample : J1678-11 10X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5W1DL

Quant Time: Mar 01 08:11:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	142519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	673293	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	415930	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	935563	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	822766	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	668695	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1905	0.57	ng/uL	0.00
5) Phenol-d5	6.73	99	28592	2.37	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	18017	2.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	29647	3.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	20188	1.92	ng/ul	0.01
19) Nitrobenzene-d5	8.69	128	14443	2.90	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	14784	2.87	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.96	165	23729	2.22	ng/ul	0.04
29) 4-Chloroaniline-d4	10.49	131	3021	0.29	ng/ul	0.05
43) Dimethylphthalate-d6	13.60	166	114120	3.32	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	143109	3.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	4683	0.99	ng/ul	0.07
57) Fluorene-d10	15.18	176	100686	3.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.03	188	164617	3.65	ng/ul	0.00
76) Pyrene-d10	19.34	212	173347	4.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	111911	3.44	ng/ul	0.01
Target Compounds						Qvalue
69) Phenanthrene	16.98	178	422921	7.846	ng/ul	98
71) Anthracene	16.98	178	422921	7.802	ng/ul	99
73) Di-n-butylphthalate	17.92	149	384429	6.537	ng/ul	97
74) Fluoranthene	19.01	202	780161	12.114	ng/ul#	95
77) Pyrene	19.37	202	648674	11.863	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	318648	6.206	ng/ul	95
82) Chrysene	21.19	228	302863	6.323	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	361723	8.079	ng/ul#	88
86) Benzo(k)fluoranthene	22.69	252	361723	8.497	ng/ul#	86
88) Benzo(a)pyrene	23.24	252	251650	6.290	ng/ul#	88
89) Indeno(1,2,3-cd)pyrene	25.51	276	166211	4.281	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.51	278	51064	1.583	ng/ul#	53
91) Benzo(g,h,i)perylene	26.18	276	137649	4.376	ng/ul#	90

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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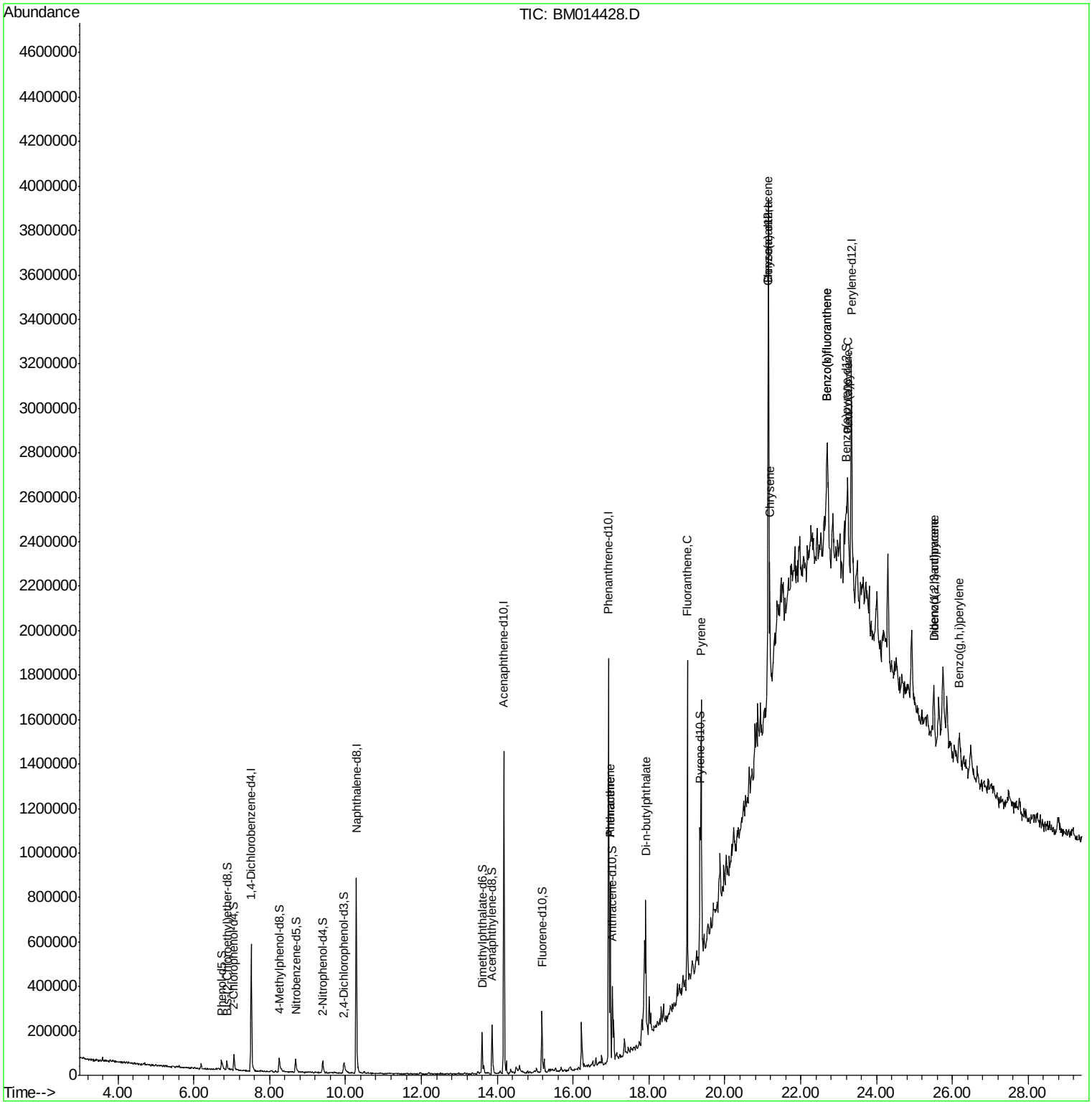
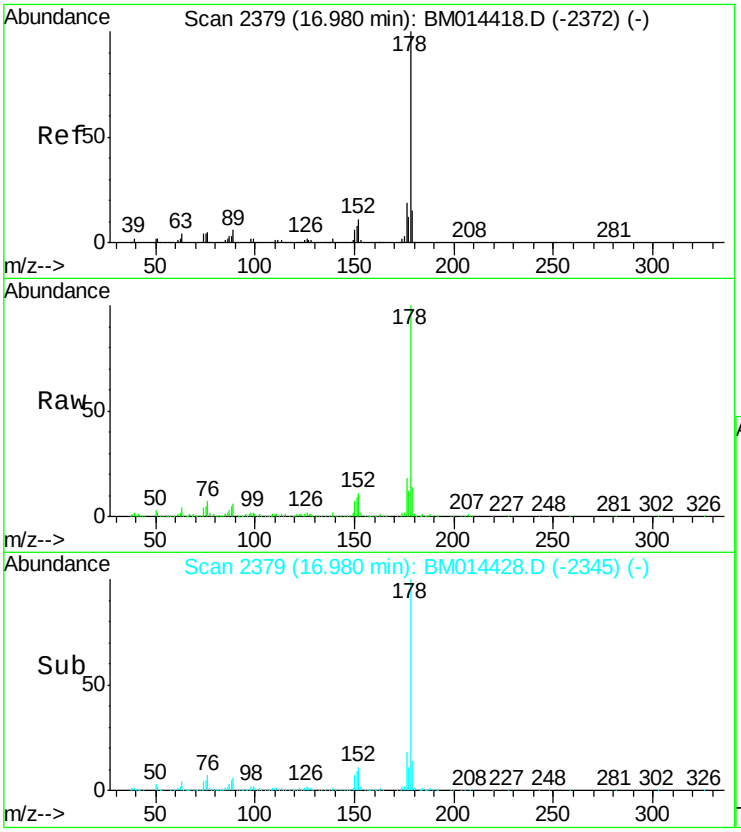
Quant Time: Mar 01 08:11:45 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



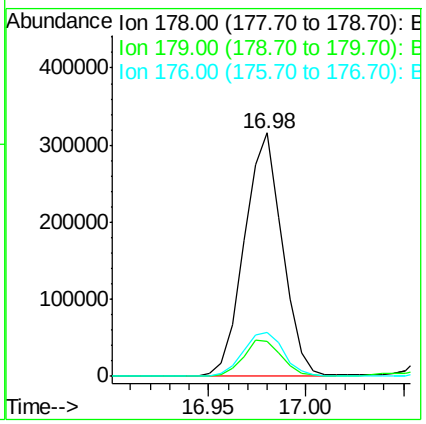


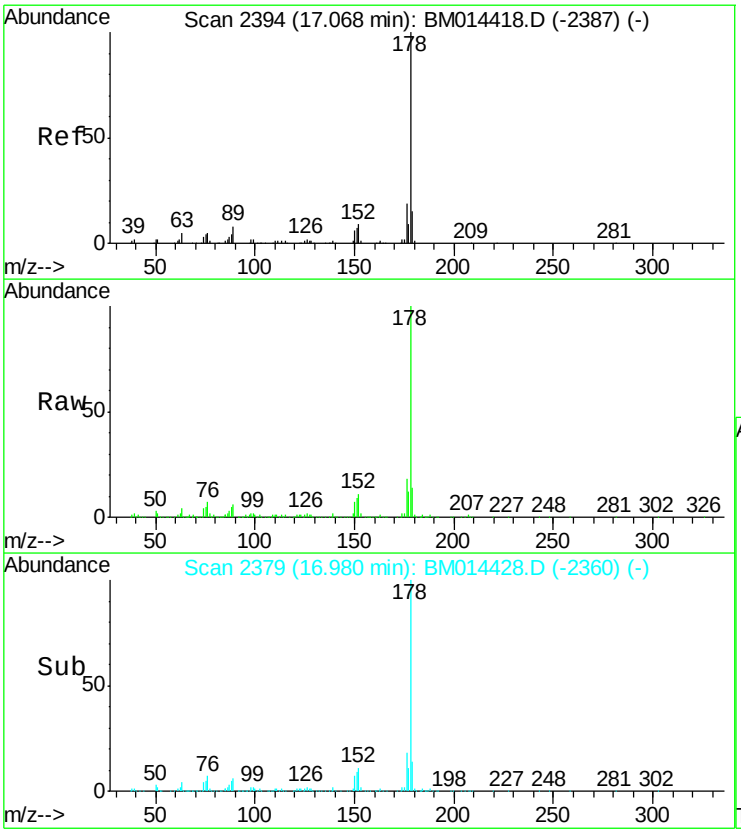
#69
Phenanthrene
Concen: 7.846 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:178 Resp: 422921

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.6	19.0
176	17.8	14.9	22.3

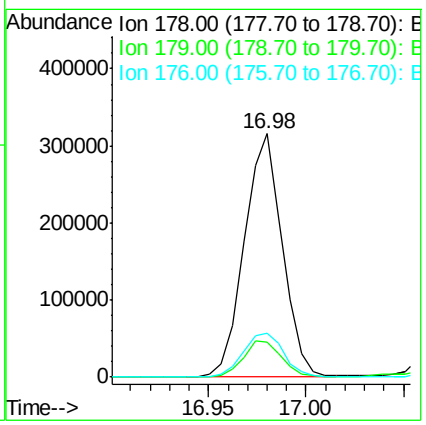


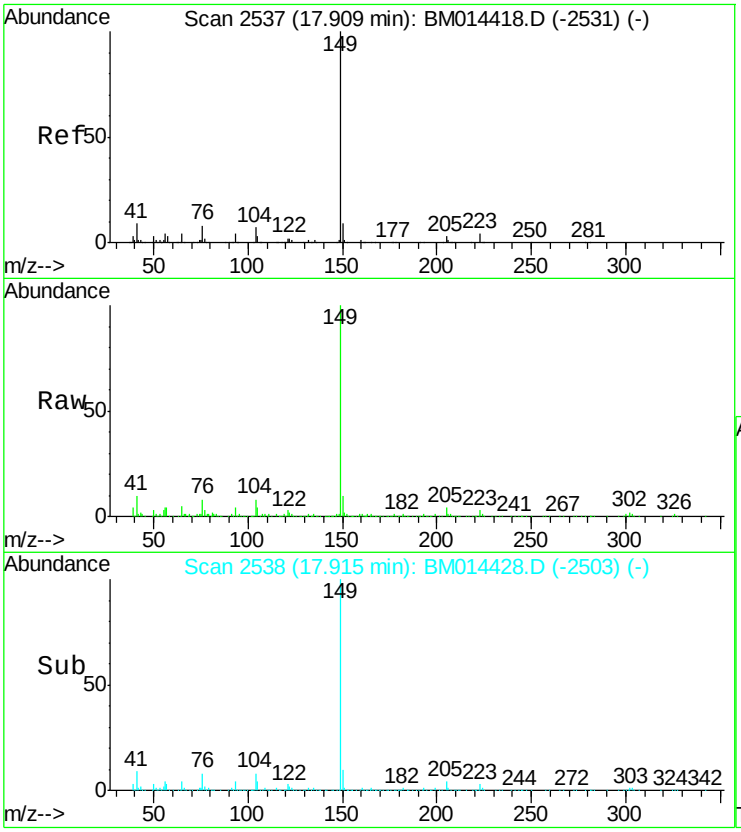


#71
Anthracene
Concen: 7.802 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.09 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:178 Resp: 422921

Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.7	17.5
176	17.8	14.6	21.8



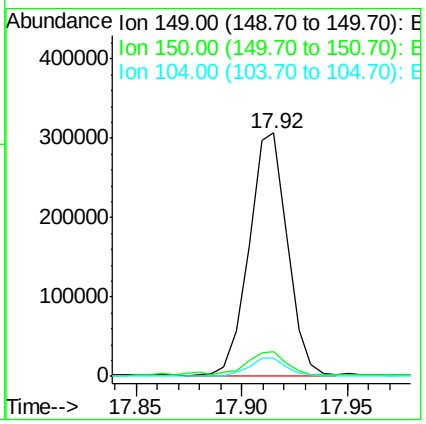


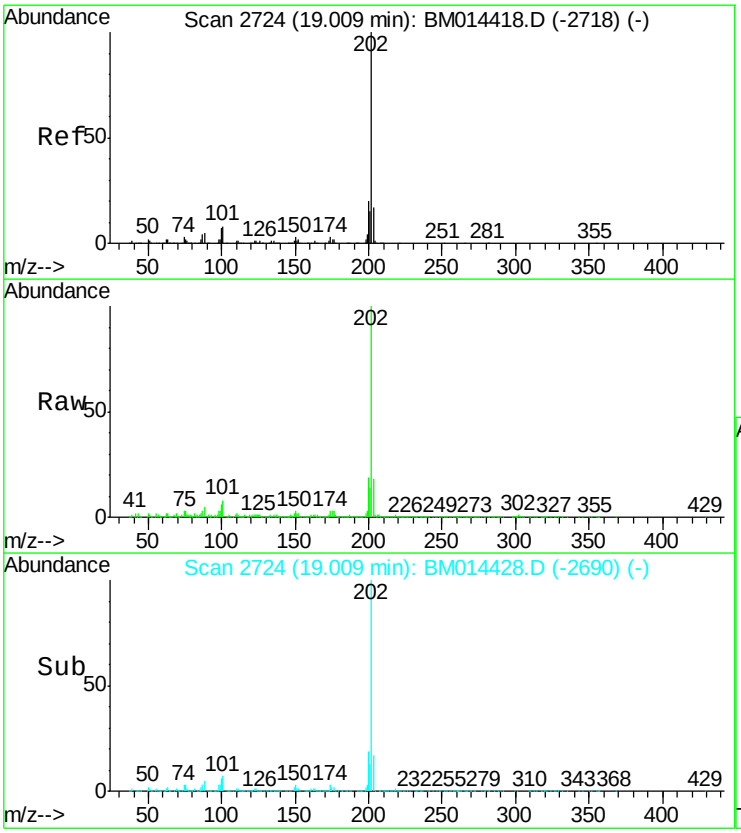
#73
Di-n-butylphthalate
Concen: 6.537 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.01 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:149 Resp: 384429

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.1	10.7
104	7.8	5.6	8.4

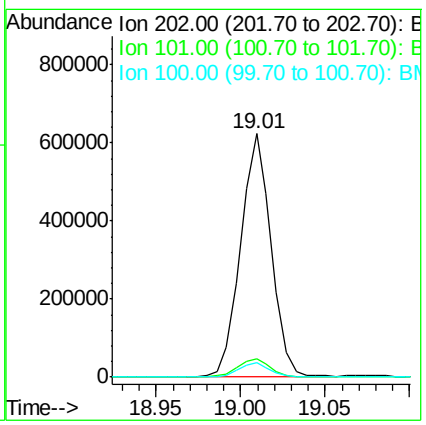


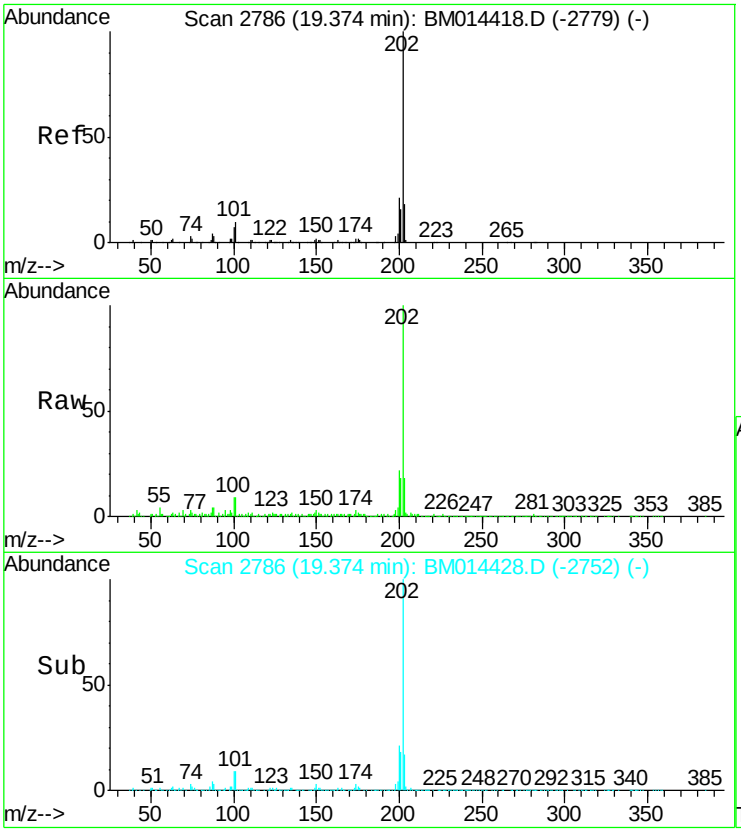


#74
Fluoranthene
Concen: 12.114 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:202 Resp: 780161

Ion	Ratio	Lower	Upper
202	100		
101	7.6	4.6	7.0#
100	5.9	3.4	5.2#



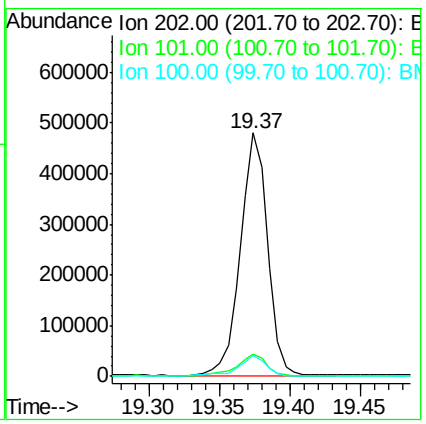


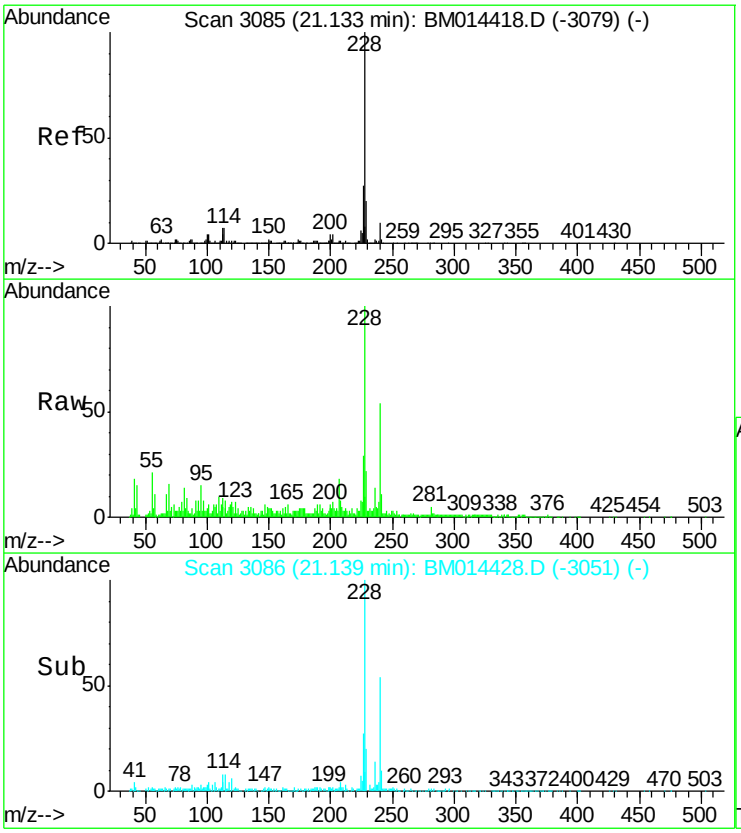
#77
Pyrene
Concen: 11.863 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:202 Resp: 648674

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	8.7	4.9	7.3#

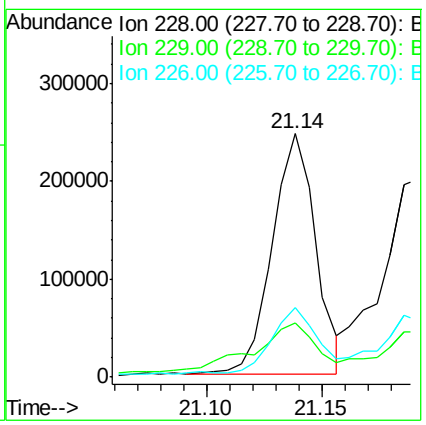


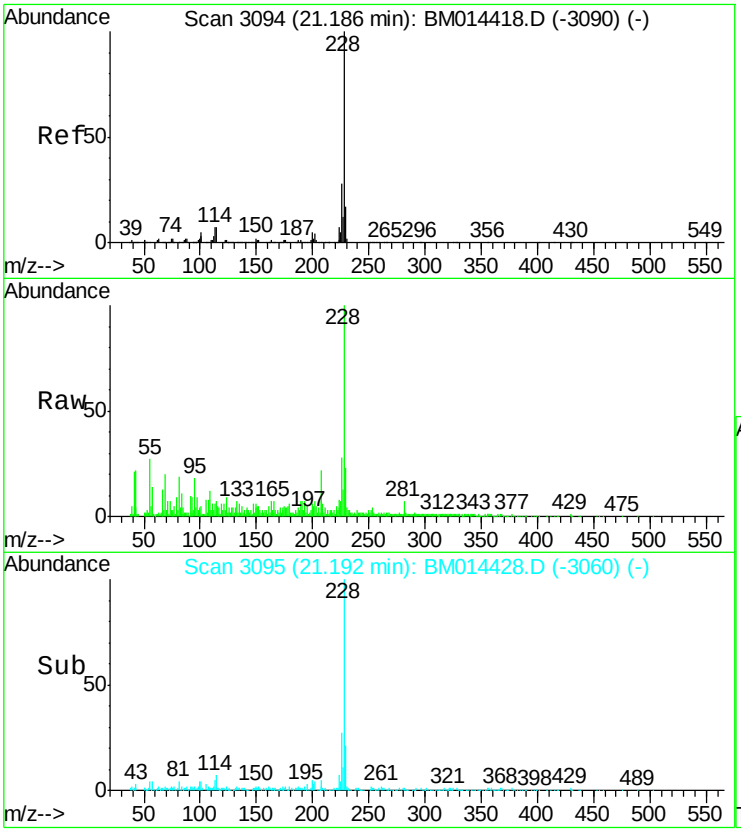


#80
Benzo(a)anthracene
Concen: 6.206 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:228 Resp: 318648

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	28.6	21.4	32.0



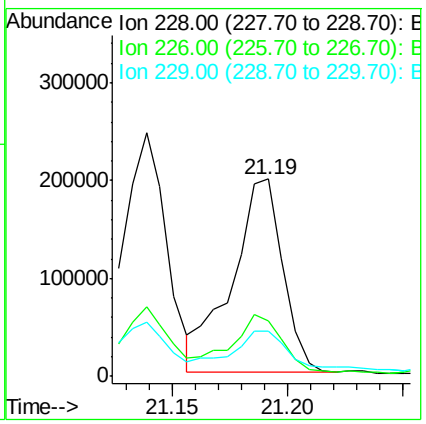


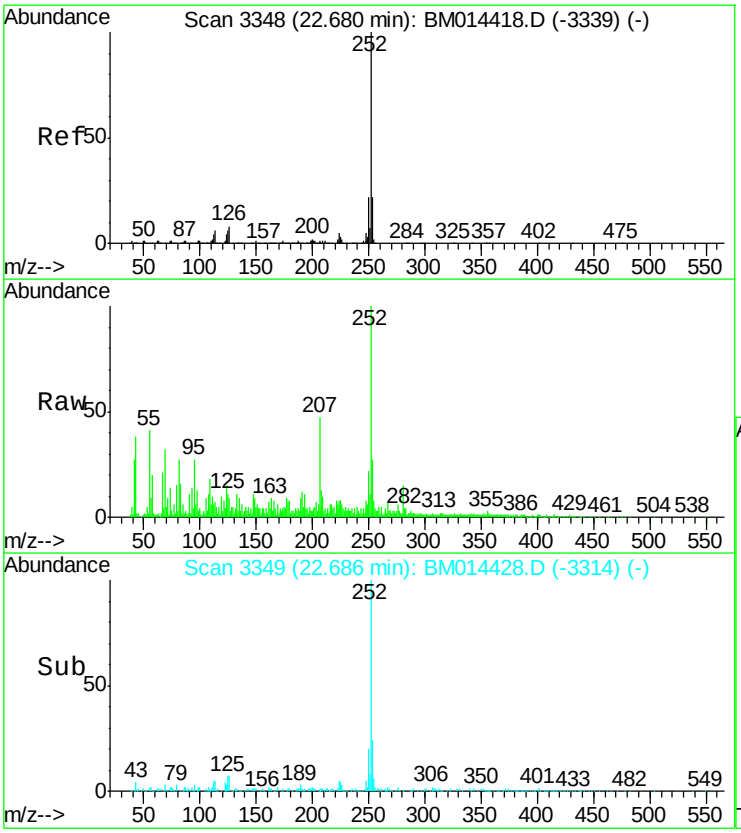
#82
Chrysene
Concen: 6.323 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:228 Resp: 302863

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.2
229	23.1	15.5	23.3

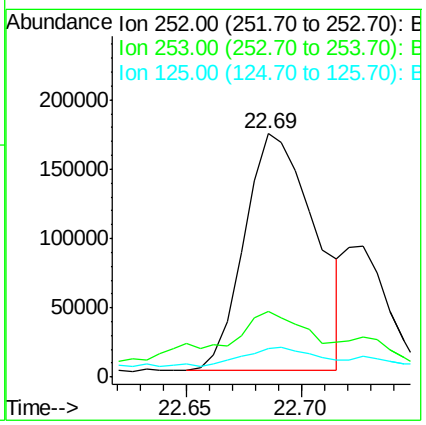


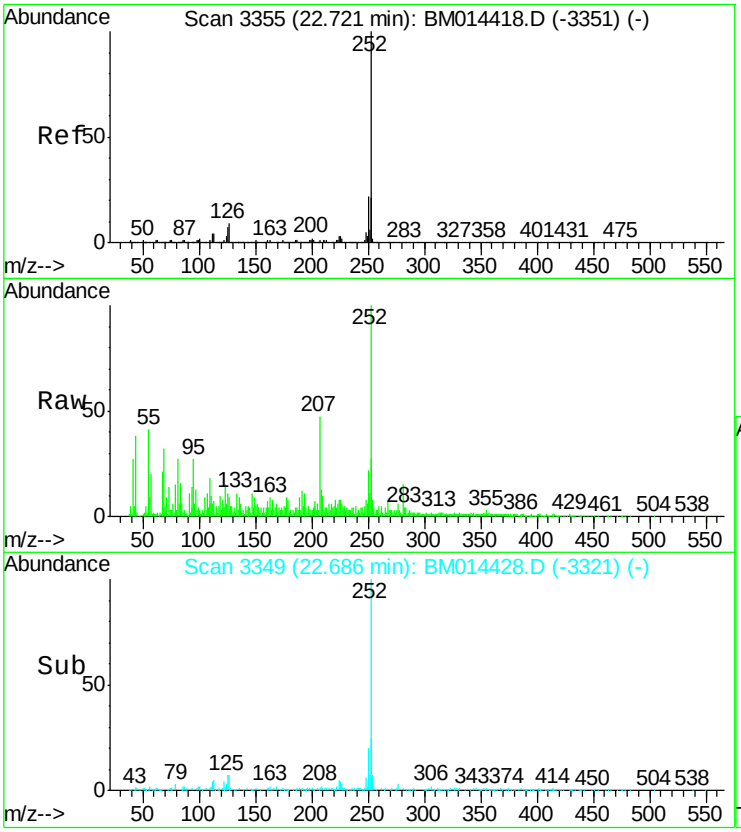


#85
Benzo(b)fluoranthene
Concen: 8.079 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:252 Resp: 361723

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.9	26.9#
125	11.5	3.6	5.4#



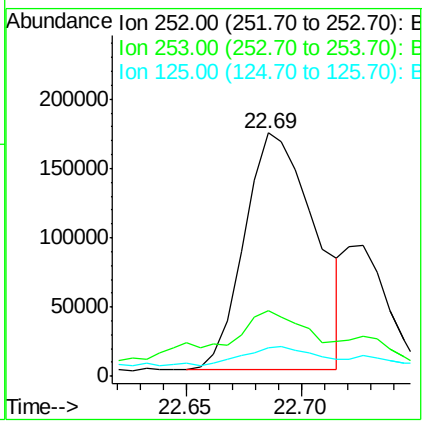


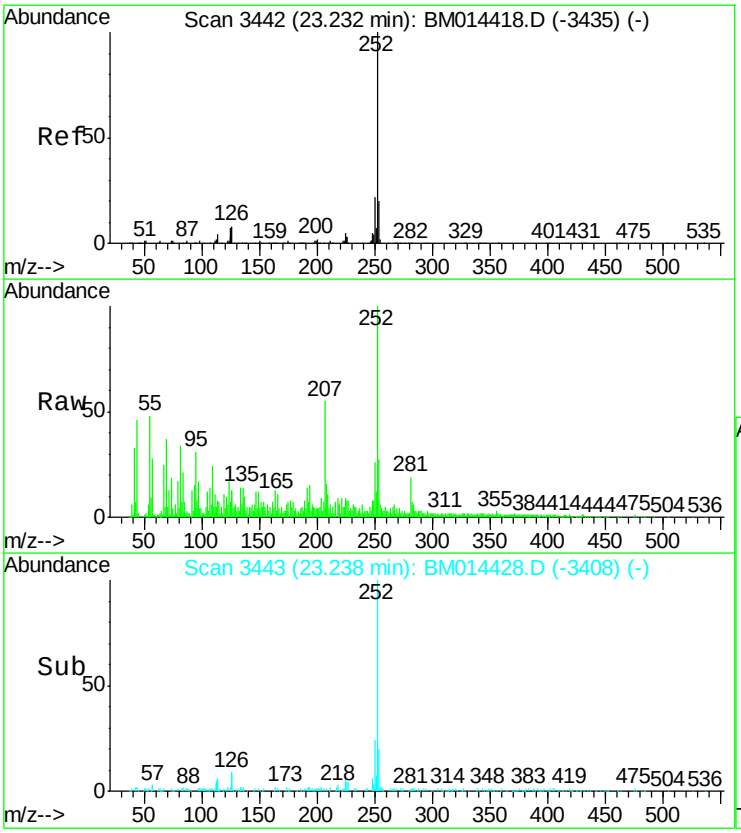
#86
Benzo(k)fluoranthene
Concen: 8.497 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:252 Resp: 361723

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.1	25.7#
125	11.5	3.4	5.2#

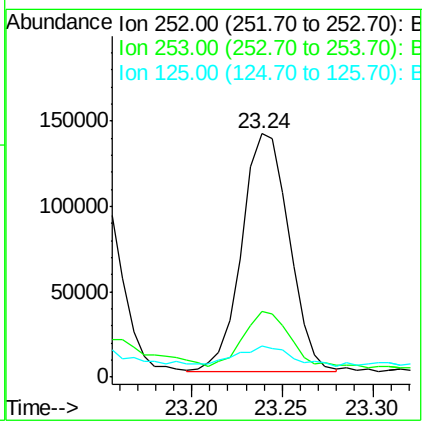


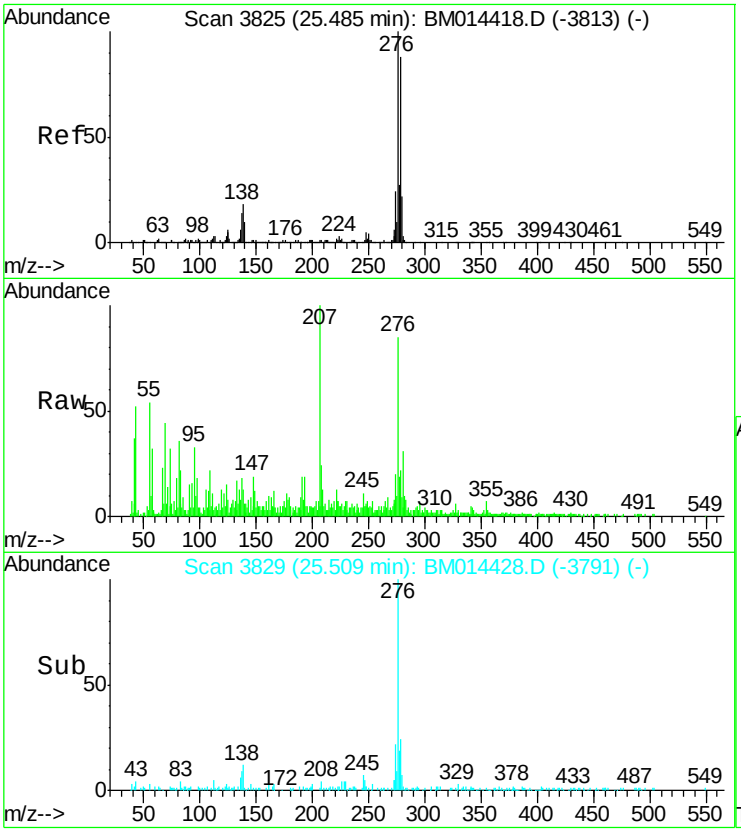


#88
Benzo(a)pyrene
Concen: 6.290 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:252 Resp: 251650

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.2	27.2
125	13.0	4.0	6.0#



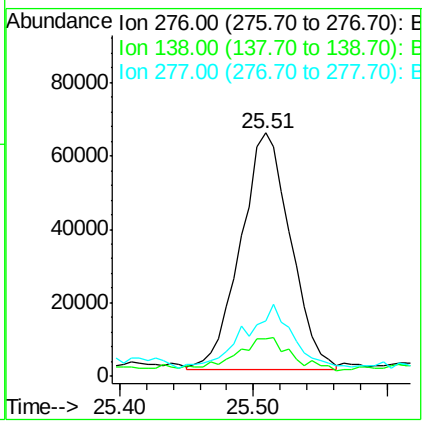


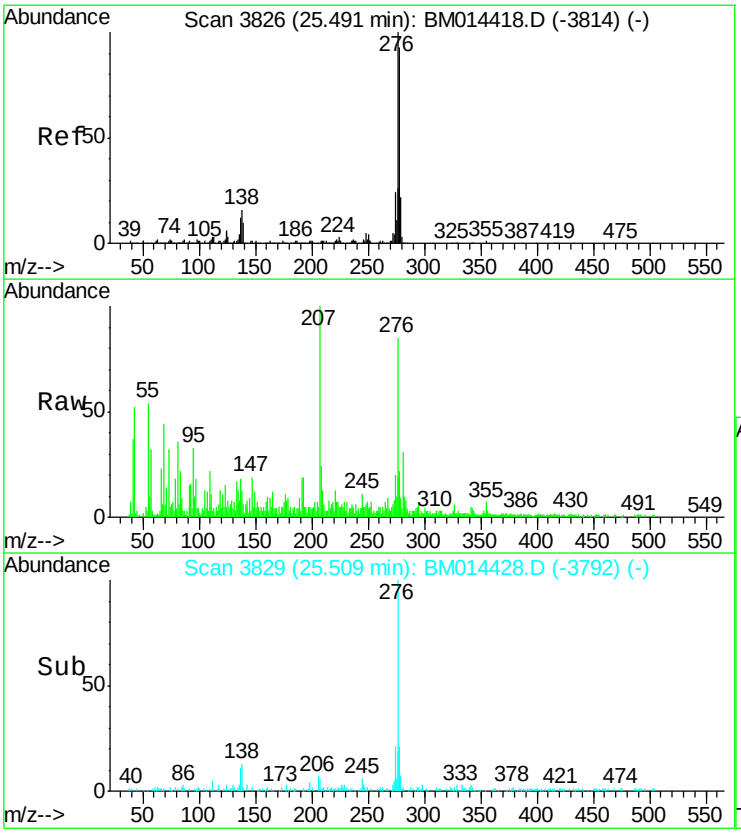
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.281 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:276 Resp: 166211

Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	22.6	19.9	29.9

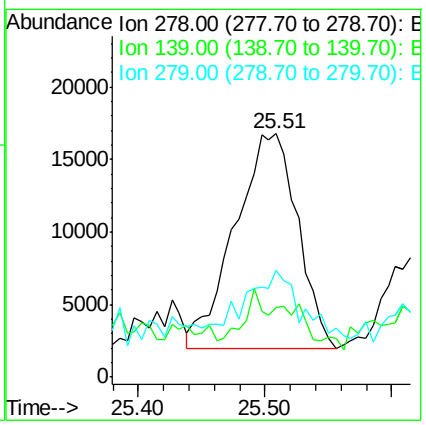


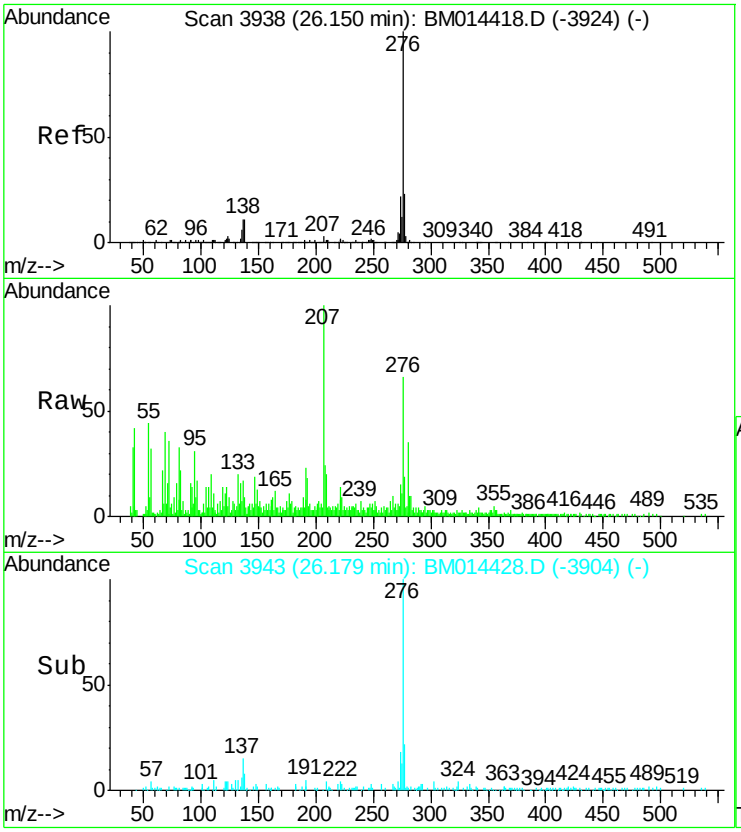


#90
Dibenzo(a,h)anthracene
Concen: 1.583 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Tgt Ion:278 Resp: 51064

Ion	Ratio	Lower	Upper
278	100		
139	28.8	5.8	8.8#
279	43.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 4.376 ng/ul
RT: 26.18 min Scan# 3943
Delta R.T. 0.03 min
Lab File: BM014428.D
Acq: 01 Mar 2018 07:32

Instrument :
BNA_M
ClientSampleId :
BE5W1DL

Tgt Ion:276 Resp: 137649

Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	29.1	18.6	28.0#