Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
Data File : BM013818.D
Acq On : 25 Jan 2018 22:35
Operator : SJ/JU
Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 26 02:56:53 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 02:50:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	123253	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	438242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	251124	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	544973	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	656648	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	639554	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	541	0.17	ng/uL	0.00
5) Phenol-d5	6.80	99	6952	0.73	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.95	67	5773	1.01	ng/ul	0.01
9) 2-Chlorophenol-d4	7.14	132	8168	1.06	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	4486	0.62	ng/ul	0.02
19) Nitrobenzene-d5	8.77	128	4360	1.28	ng/ul	0.02
22) 2-Nitrophenol-d4	9.47	143	1918	0.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	5811	0.84	ng/ul	0.05
29) 4-Chloroaniline-d4	10.48	131	1100	0.18	ng/ul	-0.04
43) Dimethylphthalate-d6	13.66	166	25936	1.25	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	30825	1.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	359	0.11	ng/ul	0.00
57) Fluorene-d10	15.25	176	24330	1.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1410	0.43	ng/ul	0.03
70) Anthracene-d10	17.10	188	38232	1.44	ng/ul	0.00
76) Pyrene-d10	19.40	212	45706	1.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	42778	1.46	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.42	128	140195	6.430	ng/ul	98
34) 2-Methylnaphthalene	12.04	142	100022	6.153	ng/ul	90
40) 1,1'-Biphenyl	13.07	154	27670	1.324	ng/ul#	91
49) Acenaphthene	14.31	153	75737	4.528	ng/ul	99
53) Dibenzofuran	14.65	168	85307	3.391	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	19197	3.642	ng/ul#	86
58) Fluorene	15.30	166	75727	3.674	ng/ul	93
68) Pentachlorophenol	16.65	266	381757	103.689	ng/ul	99
69) Phenanthrene	17.04	178	411086	13.570	ng/ul	98
71) Anthracene	17.13	178	63666	2.038	ng/ul	98
72) Carbazole	17.42	167	38263	1.484	ng/ul	95
74) Fluoranthene	19.06	202	242505	6.706	ng/ul#	93
77) Pyrene	19.43	202	170720	4.277	ng/ul	97
80) Benzo(a)anthracene	21.18	228	43260	1.090	ng/ul	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012518\
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Acq On : 25 Jan 2018 22:35
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Sample : J1222-11DL 20X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jan 26 02:56:53 2018
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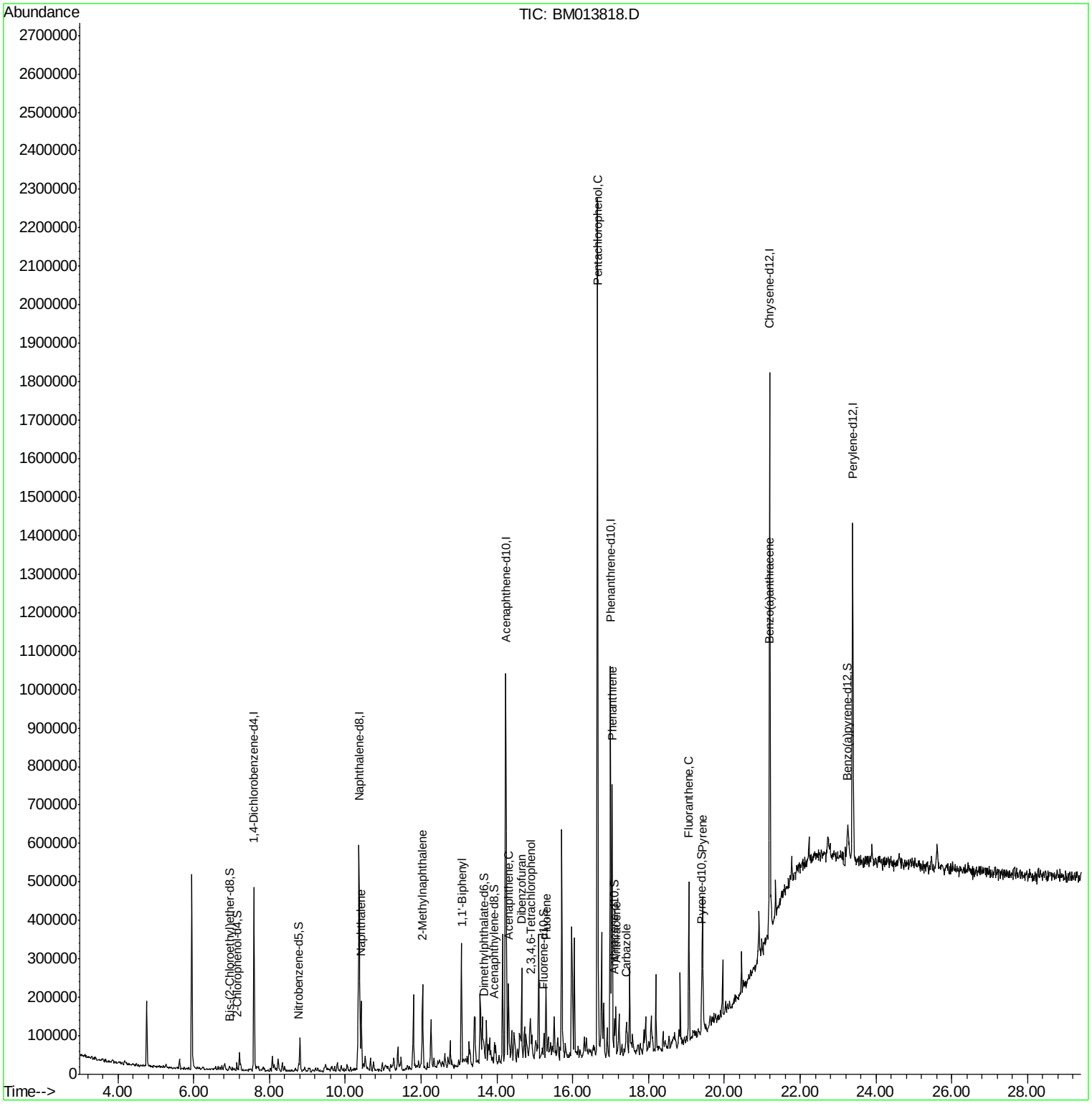
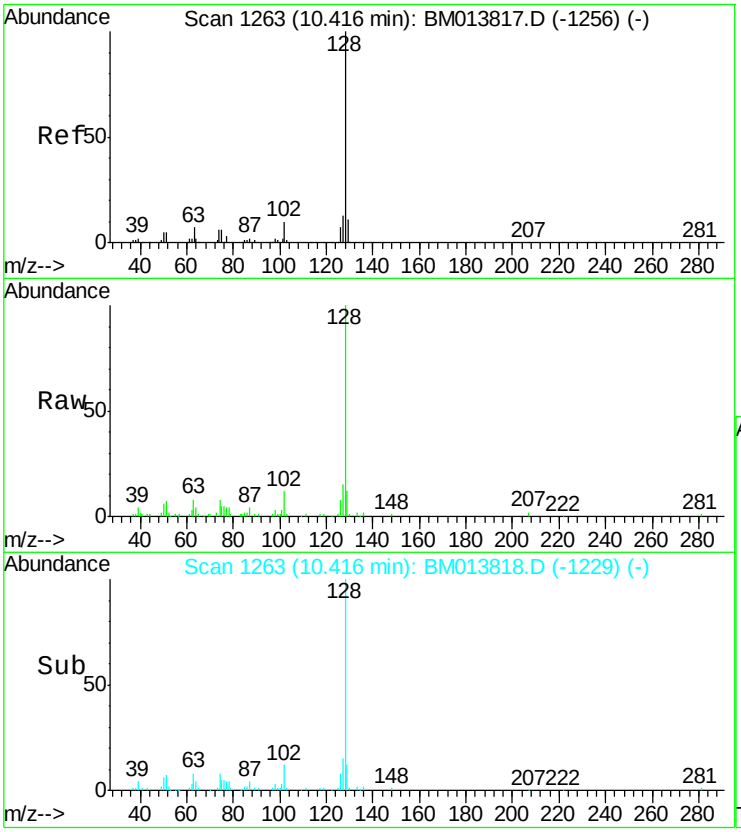
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 02:50:24 2018
Response via : Initial Calibration



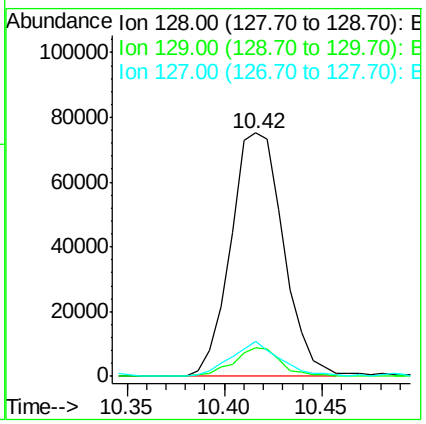


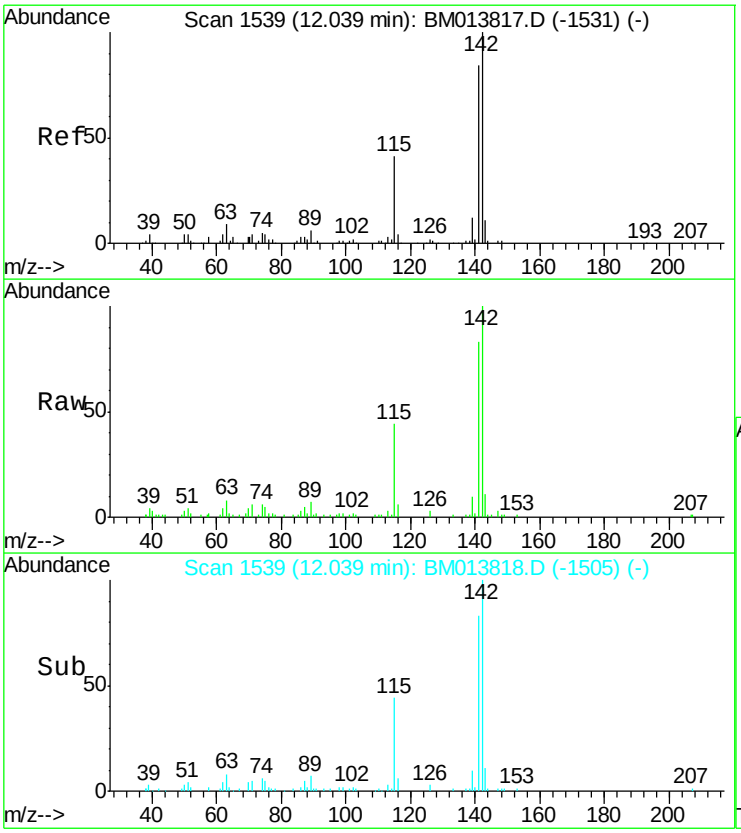
#28
Naphthalene
Concen: 6.430 ng/ul
RT: 10.42 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 140195

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.8	13.2
127	14.5	10.6	16.0

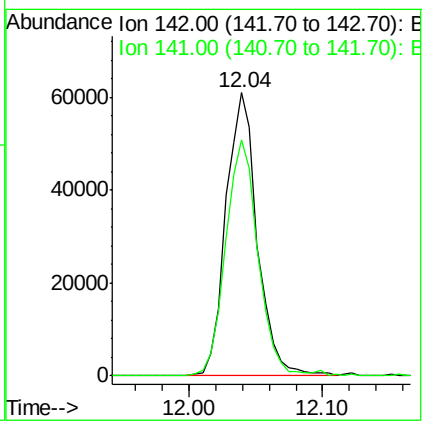


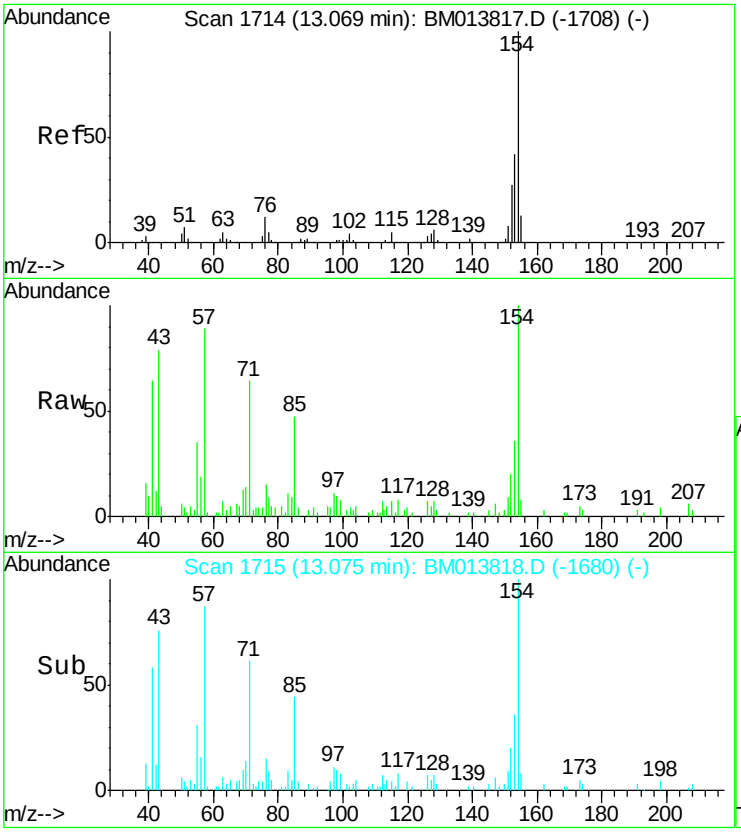


#34
2-Methylnaphthalene
Concen: 6.153 ng/ul
RT: 12.04 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:142 Resp: 100022

Ion	Ratio	Lower	Upper
142	100		
141	83.4	74.1	111.1



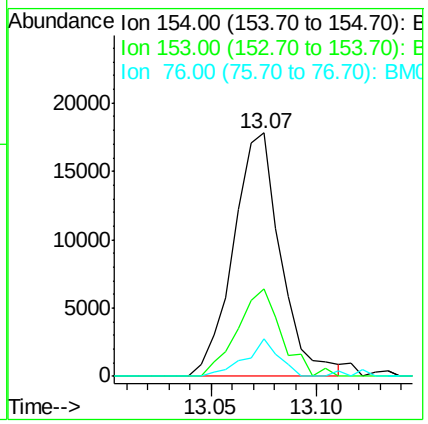


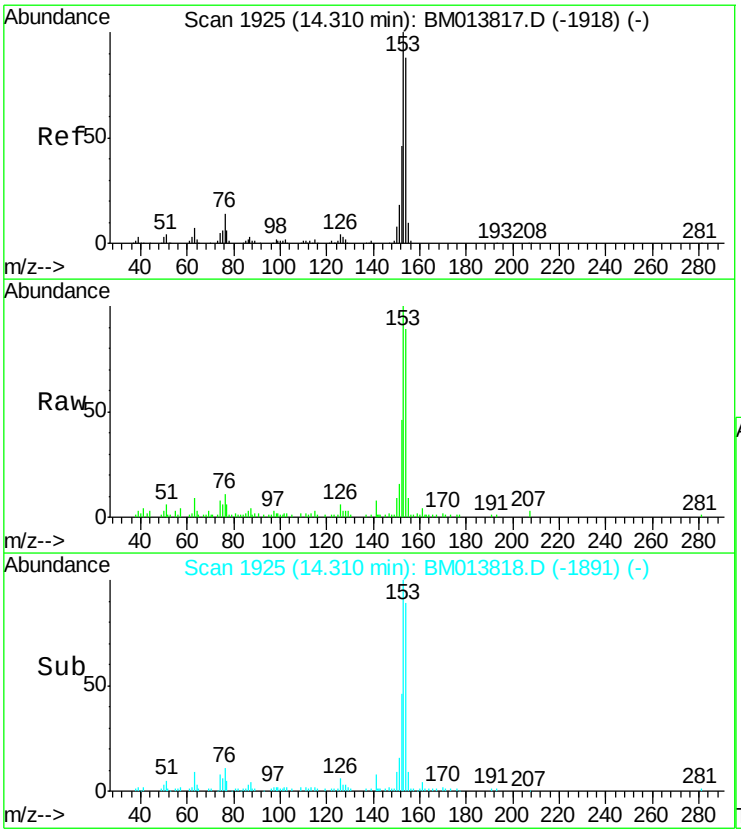
#40
1,1'-Biphenyl
Concen: 1.324 ng/ul
RT: 13.07 min Scan# 1715
Delta R.T. 0.01 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:154 Resp: 27670

Ion	Ratio	Lower	Upper
154	100		
153	36.0	32.6	48.8
76	15.3	8.5	12.7#

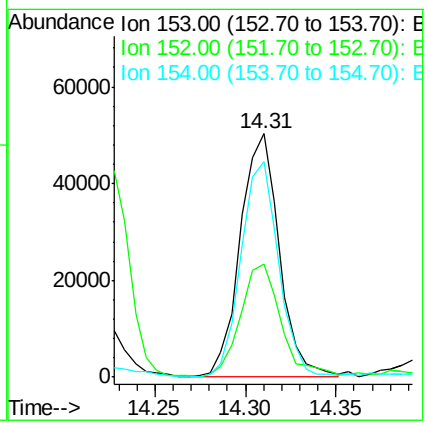


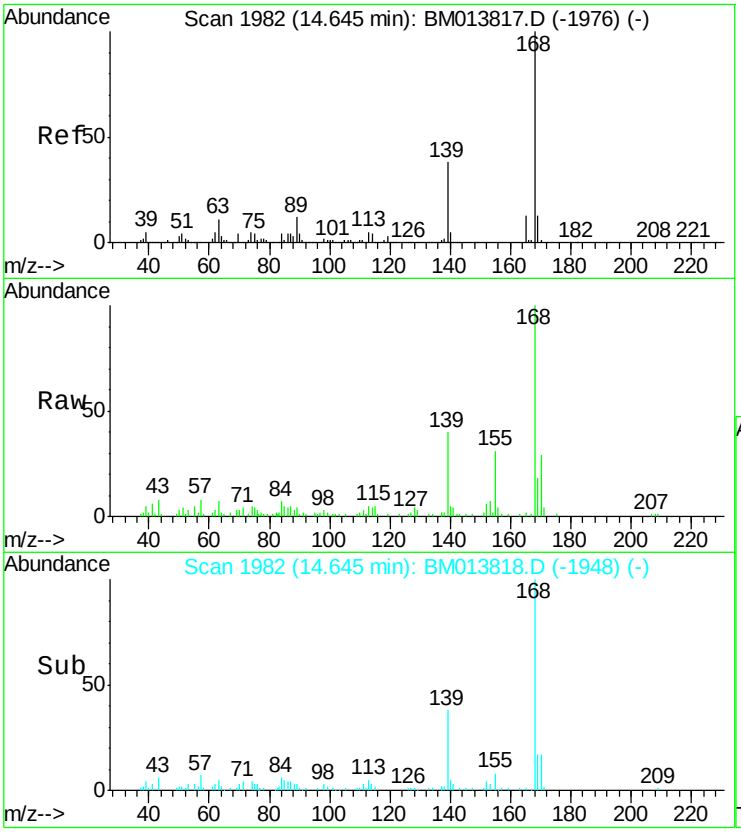


#49
Acenaphthene
Concen: 4.528 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:153 Resp: 75737

Ion	Ratio	Lower	Upper
153	100		
152	46.2	37.6	56.4
154	88.5	70.4	105.6



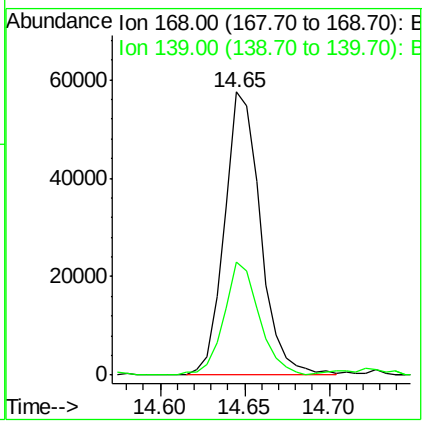


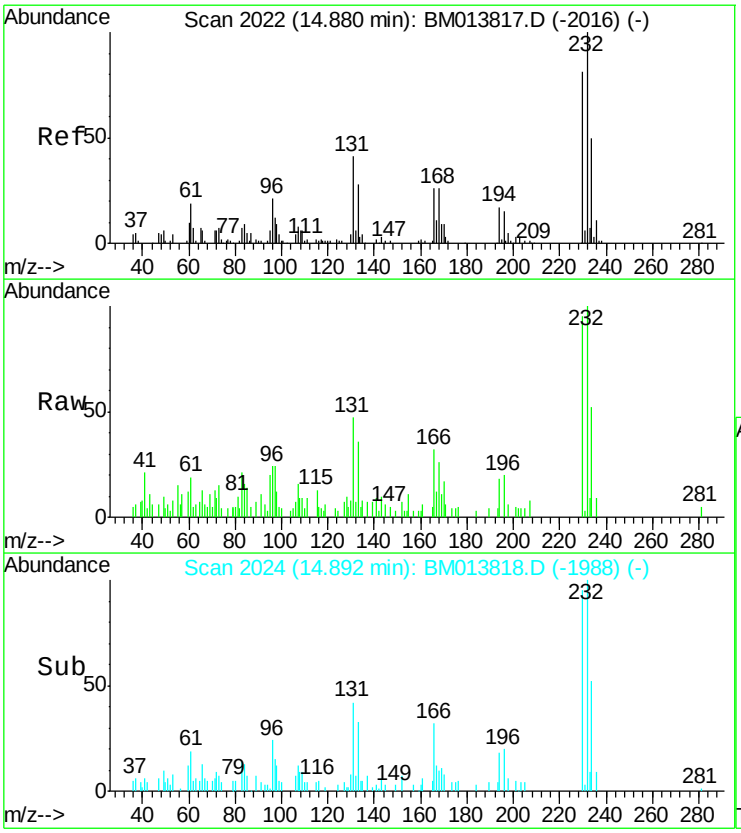
#53
Dibenzofuran
Concen: 3.391 ng/ul
RT: 14.65 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 85307

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.8	46.2

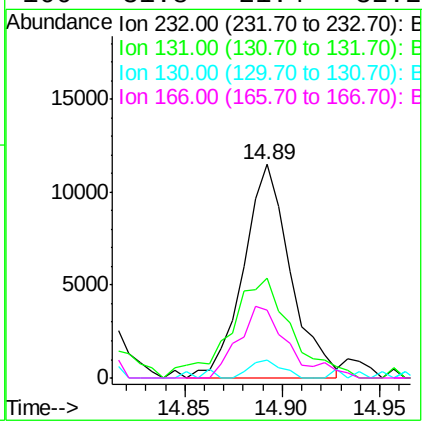


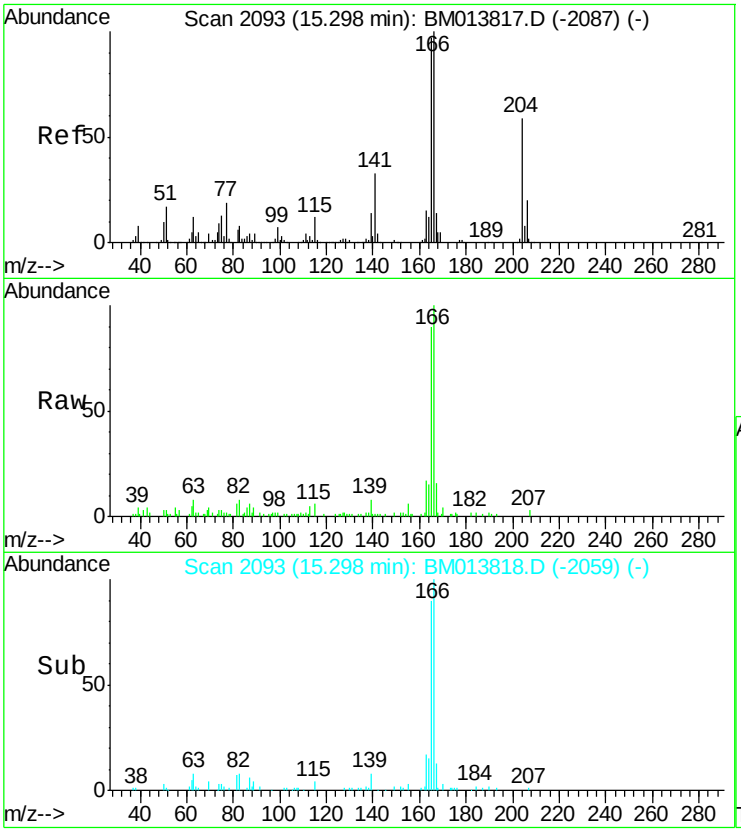


#55
2,3,4,6-Tetrachlorophenol
Concen: 3.642 ng/ul
RT: 14.89 min Scan# 2024
Delta R.T. 0.01 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:232 Resp: 19197

Ion	Ratio	Lower	Upper
232	100		
131	46.6	29.0	43.4#
130	8.4	2.0	3.0#
166	31.8	21.4	32.2



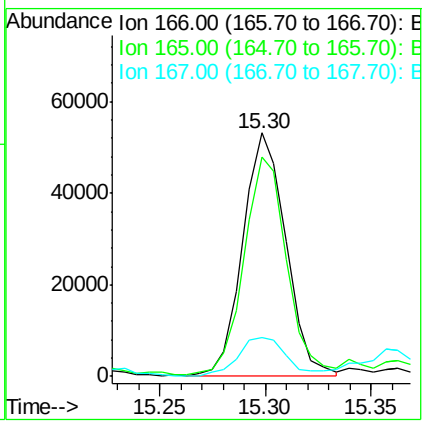


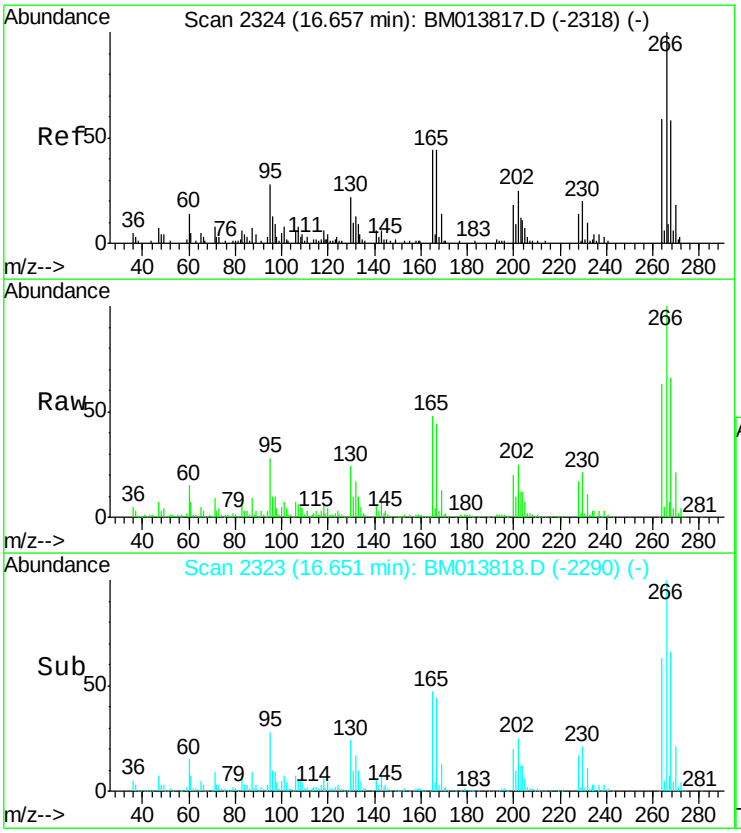
#58
Fluorene
Concen: 3.674 ng/ul
RT: 15.30 min Scan# 2093
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 75727

Ion	Ratio	Lower	Upper
166	100		
165	90.3	77.9	116.9
167	15.8	10.6	16.0

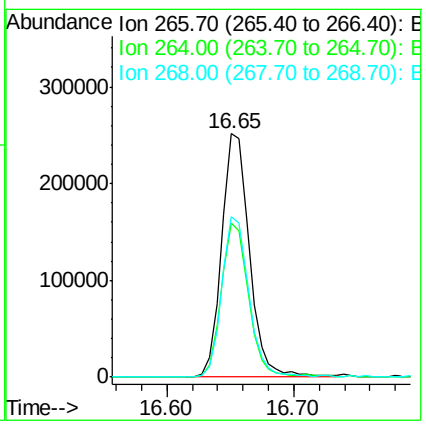


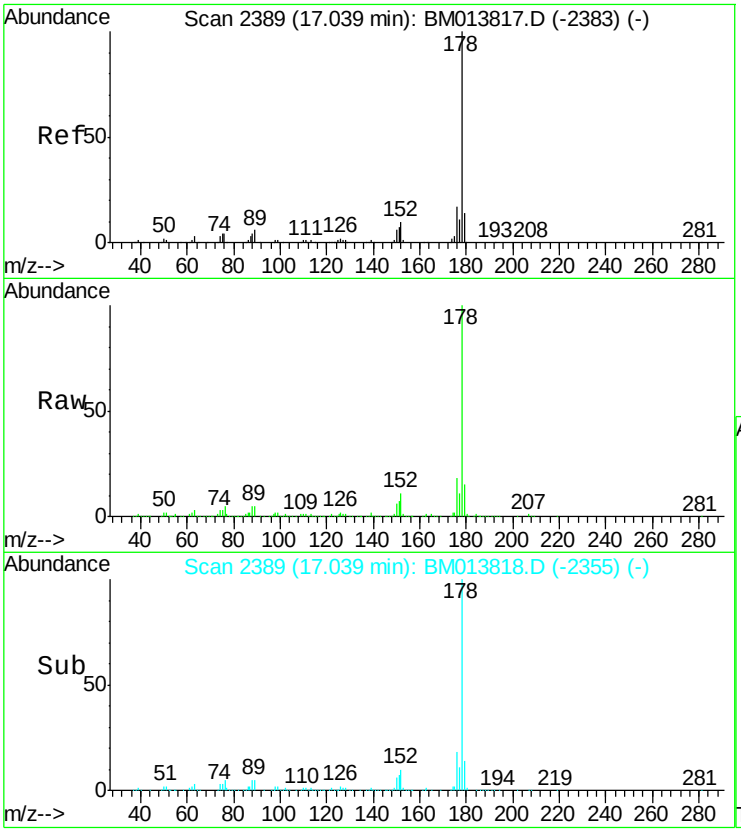


#68
Pentachlorophenol
Concen: 103.689 ng/ul
RT: 16.65 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:266 Resp: 381757

Ion	Ratio	Lower	Upper
266	100		
264	63.5	49.3	73.9
268	66.1	52.6	78.8



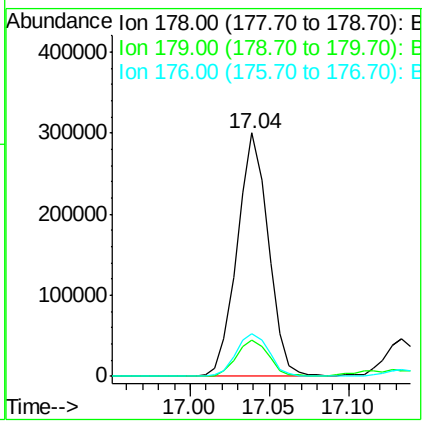


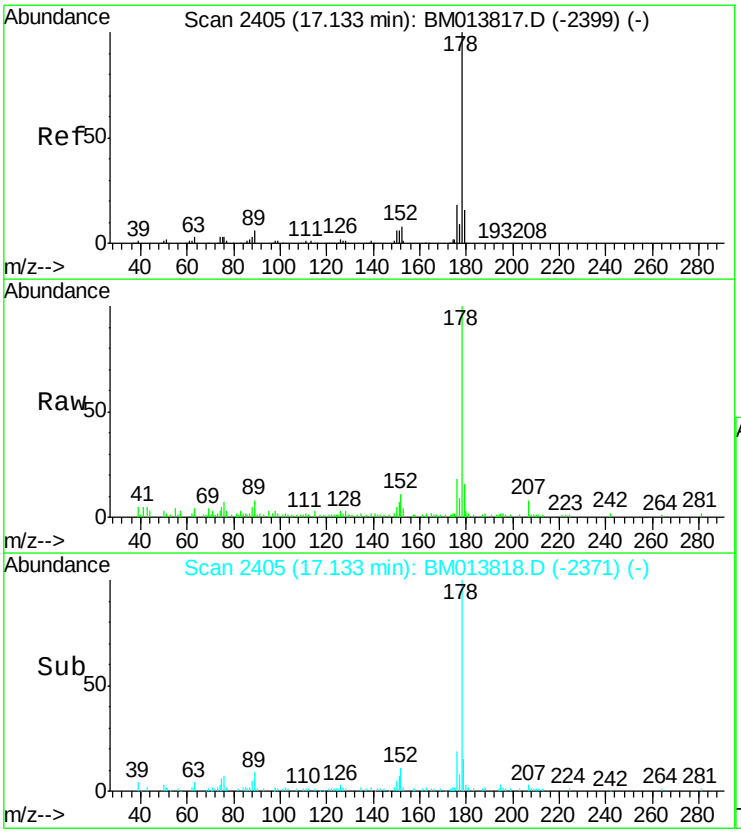
#69
Phenanthrene
Concen: 13.570 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 411086

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	17.7	14.9	22.3

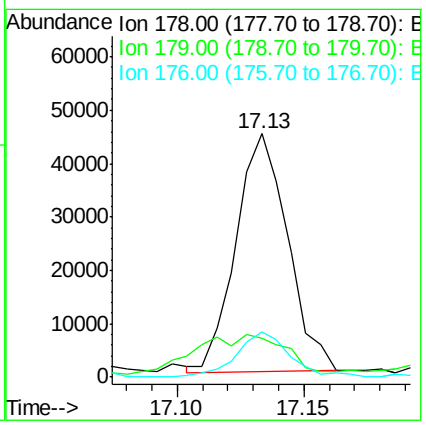


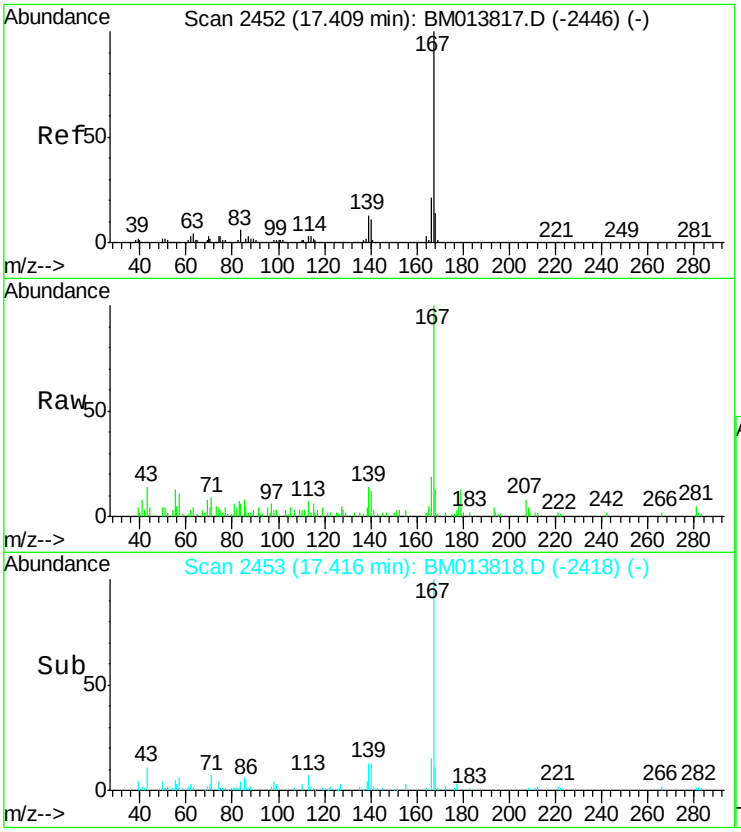


#71
Anthracene
Concen: 2.038 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:178 Resp: 63666

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.7	17.5
176	18.4	14.6	21.8



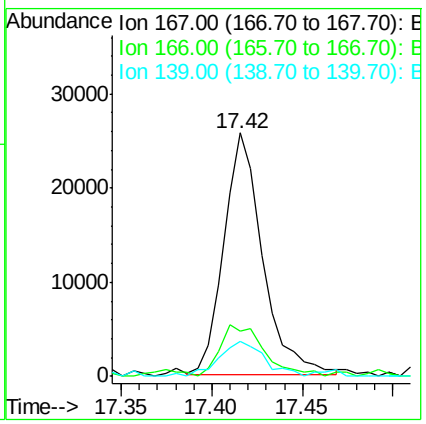


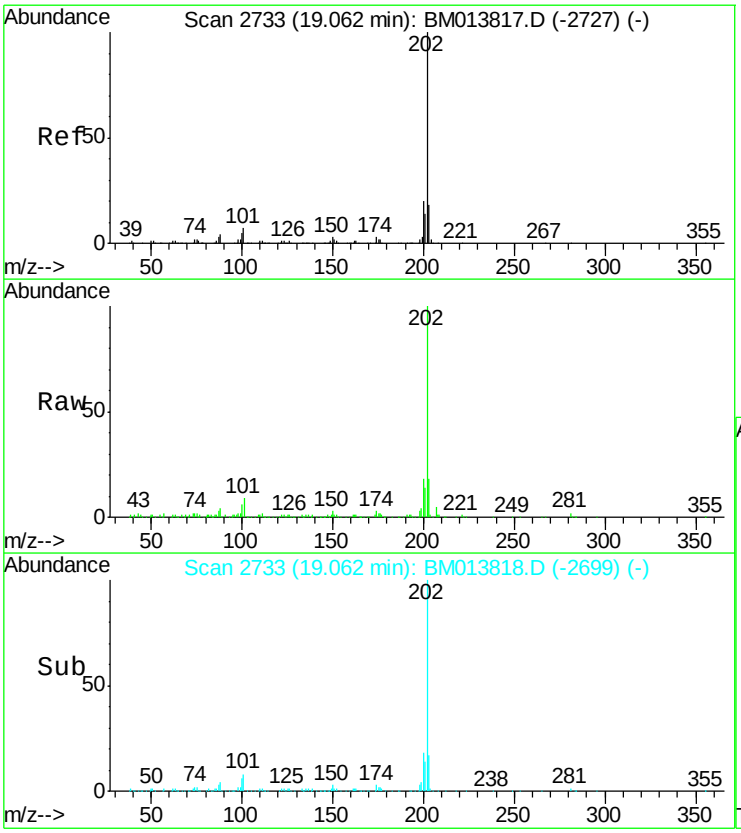
#72
Carbazole
Concen: 1.484 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.01 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 38263

Ion	Ratio	Lower	Upper
167	100		
166	18.7	17.1	25.7
139	14.4	10.0	15.0

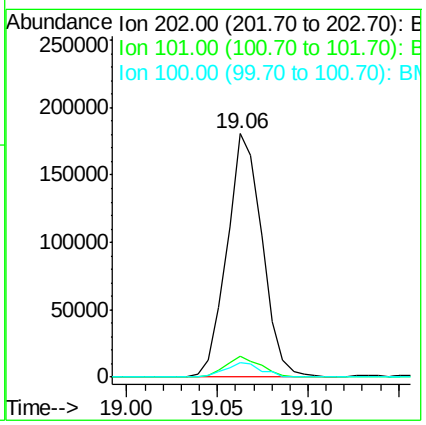


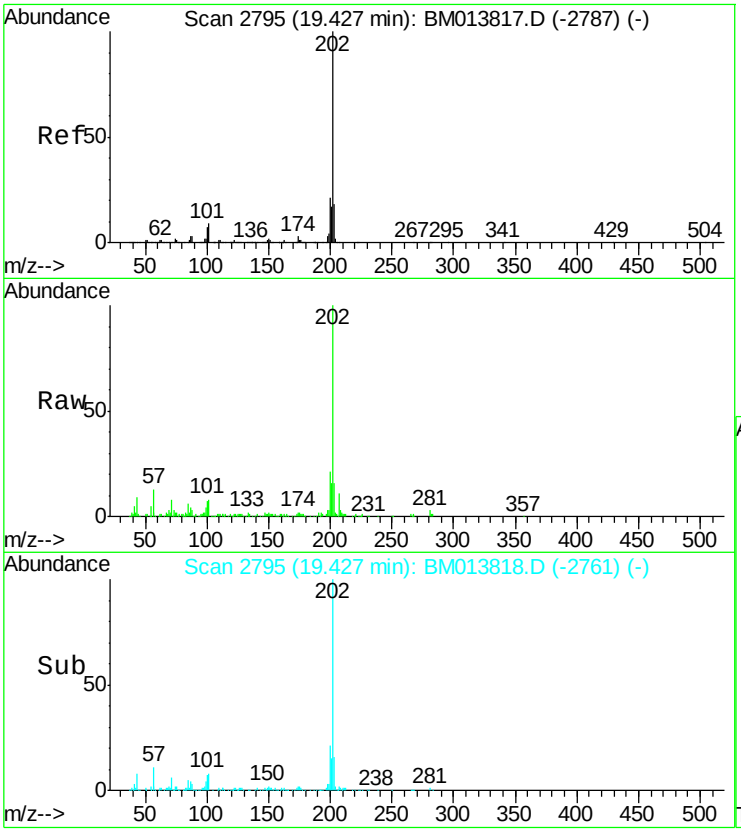


#74
Fluoranthene
Concen: 6.706 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:202 Resp: 242505

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	5.8	3.4	5.2#



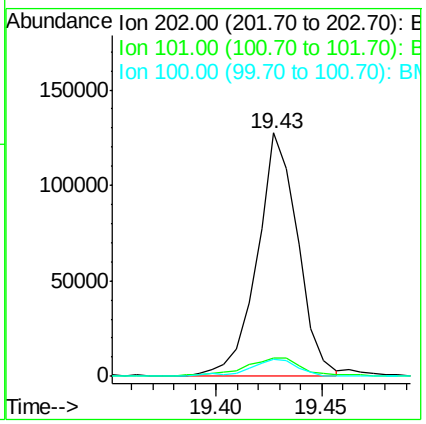


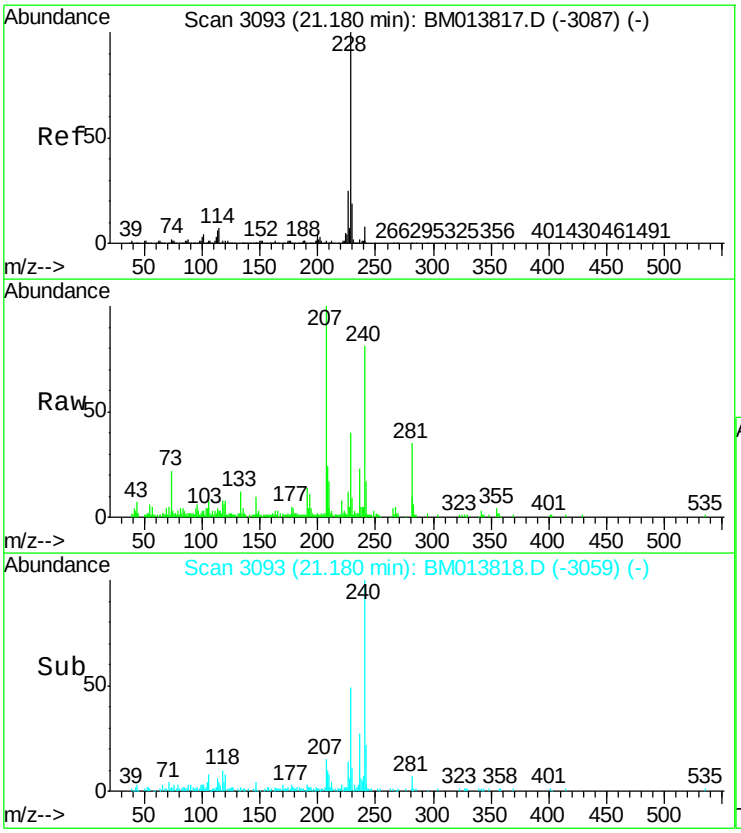
#77
Pyrene
Concen: 4.277 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 170720

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	6.8	4.9	7.3





#80
Benzo(a)anthracene
Concen: 1.090 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BM013818.D
Acq: 25 Jan 2018 22:35

Tgt Ion:228 Resp: 43260

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.4	23.0
226	28.5	21.4	32.0