Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
Data File : BM013479.D
Acq On : 16 Dec 2017 16:35
Operator : SJ/JU
Sample : I6775-08DL2 30X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A11DL2

Quant Time: Dec 18 03:24:24 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	192027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	855227	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	525658	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1186702	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	962237	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	788424	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	995	0.26	ng/uL	0.00
5) Phenol-d5	6.86	99	20804	1.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	10820	1.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	17221	1.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	17329	1.22	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	8234	1.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	9160	1.26	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.09	165	17329	1.16	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	2625	0.19	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	60374	1.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	75048	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	4045	0.50	ng/ul	0.02
57) Fluorene-d10	15.31	176	53885	1.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	777	0.10	ng/ul	0.00
70) Anthracene-d10	17.16	188	85135	1.43	ng/ul	0.00
76) Pyrene-d10	19.46	212	81931	1.71	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	53531	1.33	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	1315246	29.892	ng/ul	99
49) Acenaphthene	14.38	153	187427	5.151	ng/ul	98
53) Dibenzofuran	14.72	168	122755	2.285	ng/ul	97
58) Fluorene	15.37	166	137600	3.096	ng/ul	98
69) Phenanthrene	17.11	178	547185	8.116	ng/ul	98
72) Carbazole	17.47	167	270361	4.561	ng/ul	99
74) Fluoranthene	19.13	202	83240	1.008	ng/ul#	88

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

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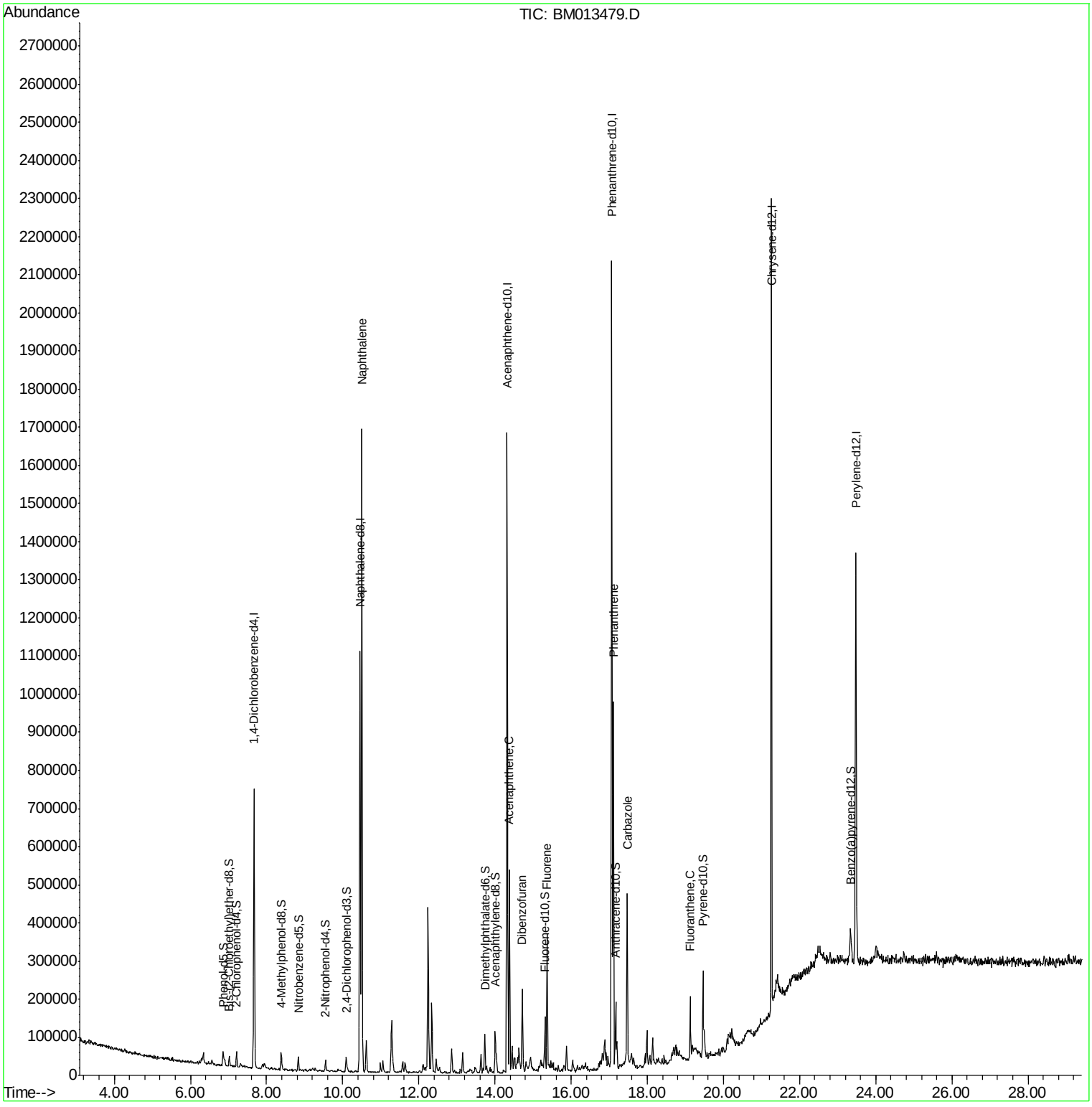
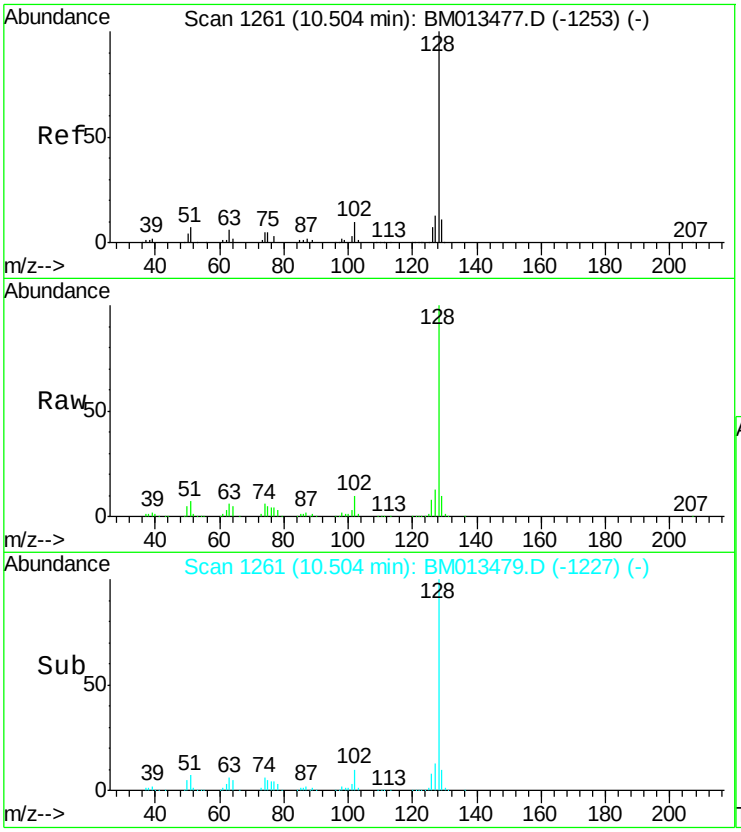


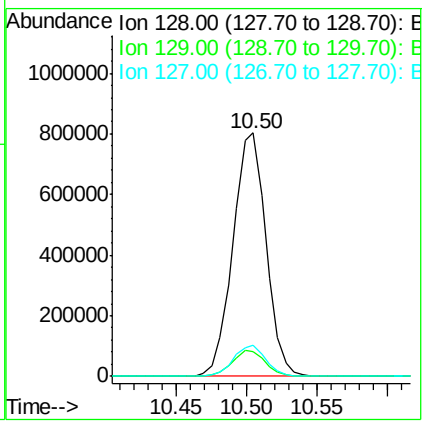


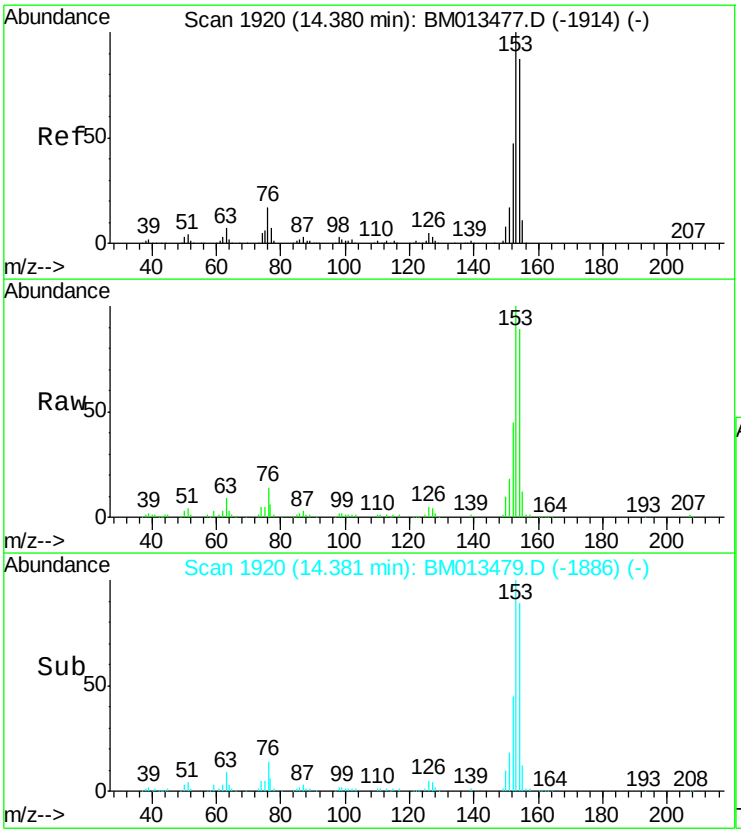
#28
Naphthalene
Concen: 29.892 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Instrument :
BNA_M
ClientSampleId :
F9A11DL2

Tgt Ion:128 Resp: 1315246

Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.8	13.2
127	12.9	10.6	16.0

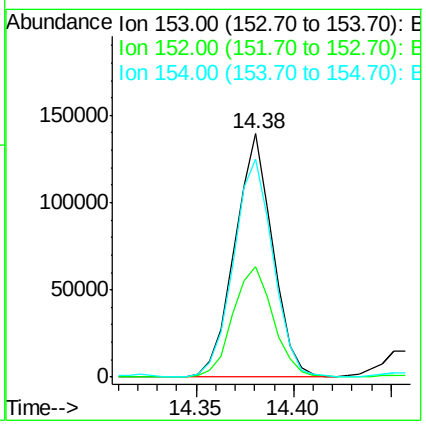


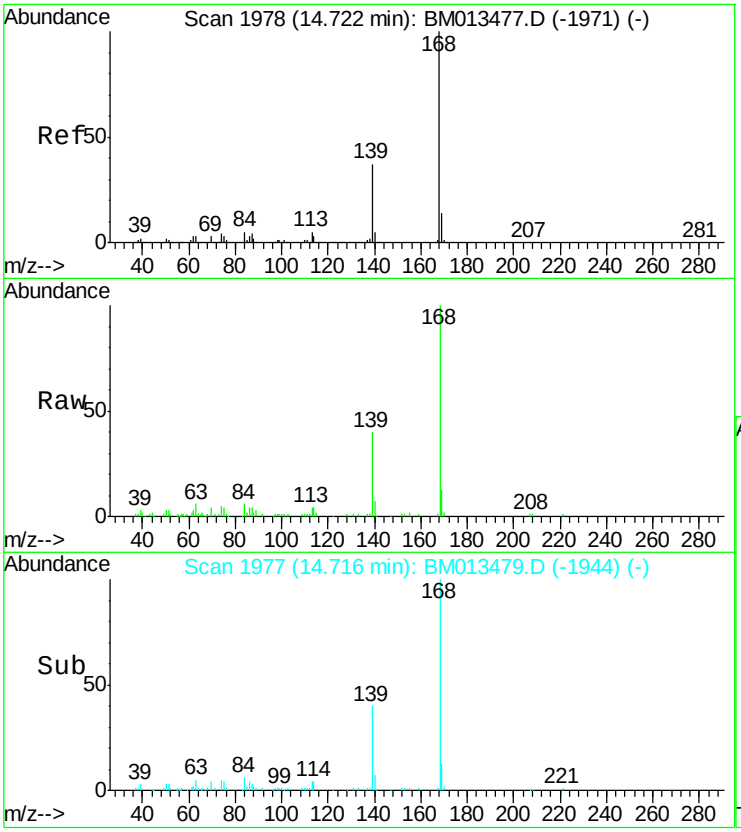


#49
Acenaphthene
Concen: 5.151 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Tgt Ion:153 Resp: 187427

Ion	Ratio	Lower	Upper
153	100		
152	45.3	37.6	56.4
154	89.5	70.4	105.6



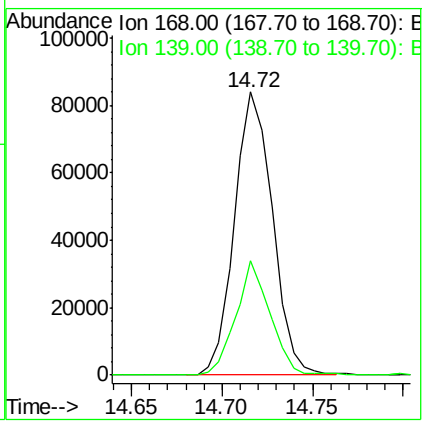


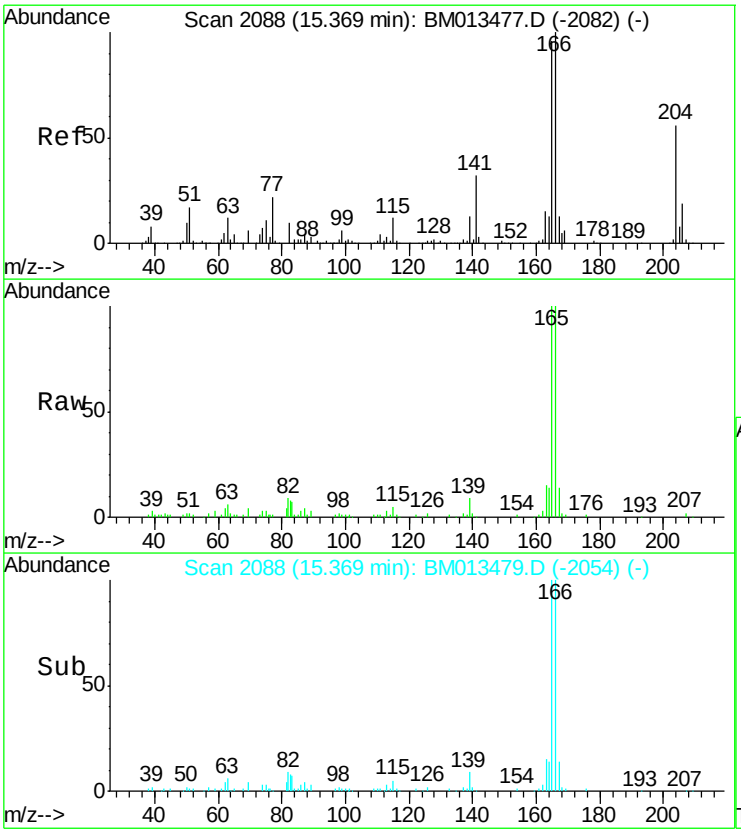
#53
Dibenzofuran
Concen: 2.285 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Instrument :
BNA_M
ClientSampleId :
F9A11DL2

Tgt Ion:168 Resp: 122755

Ion	Ratio	Lower	Upper
168	100		
139	40.5	30.8	46.2

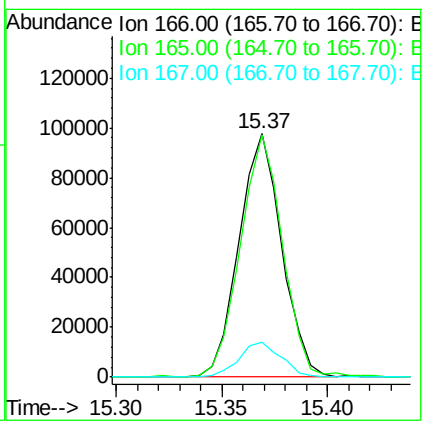


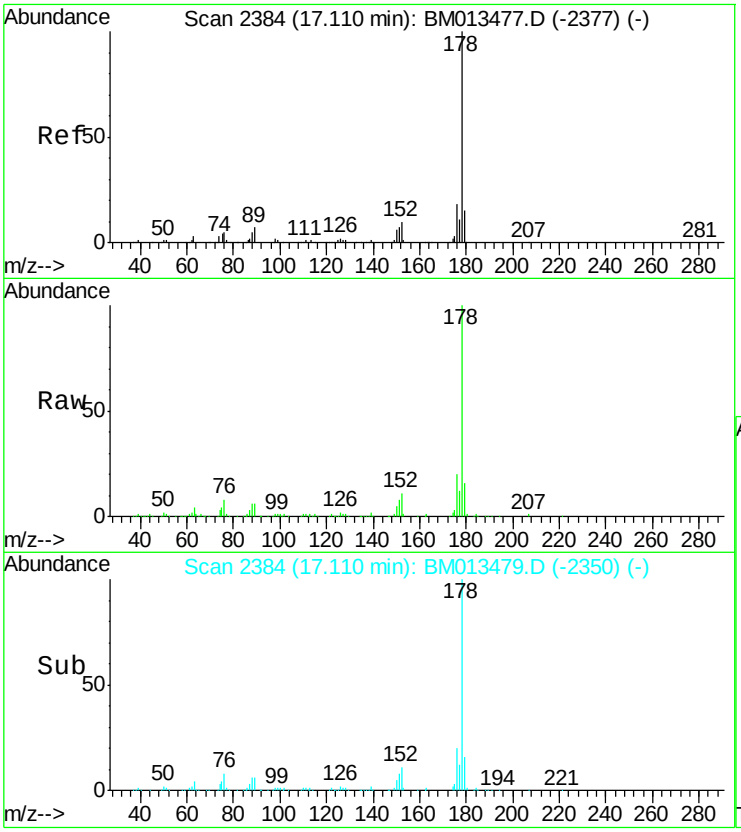


#58
Fluorene
Concen: 3.096 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Tgt Ion:166 Resp: 137600

Ion	Ratio	Lower	Upper
166	100		
165	99.7	77.9	116.9
167	14.3	10.6	16.0



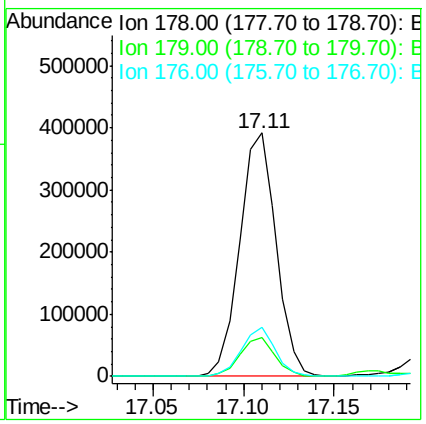


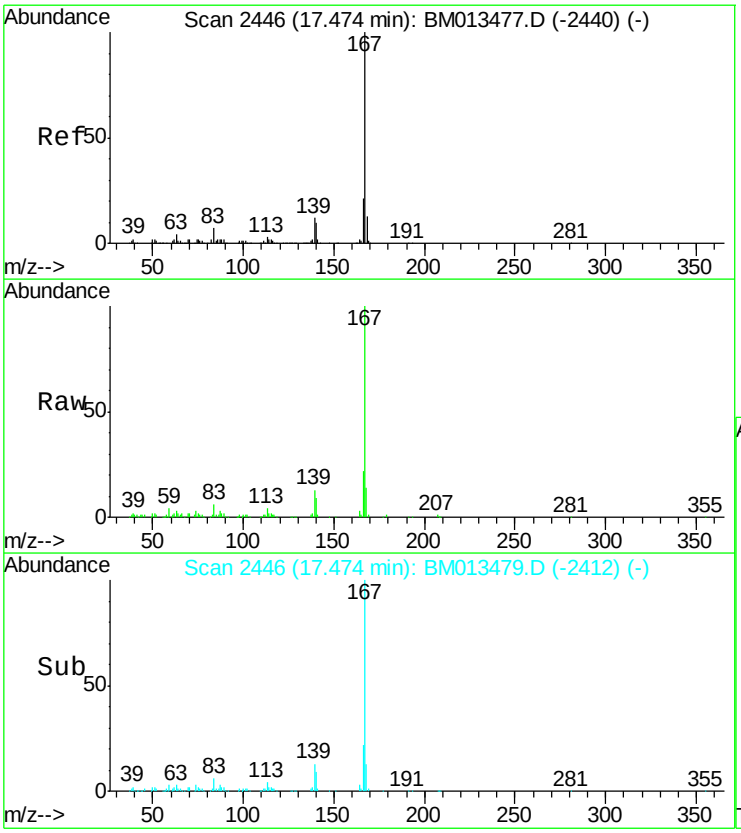
#69
Phenanthrene
Concen: 8.116 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Instrument :
BNA_M
ClientSampleId :
F9A11DL2

Tgt Ion:178 Resp: 547185

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.9	14.9	22.3

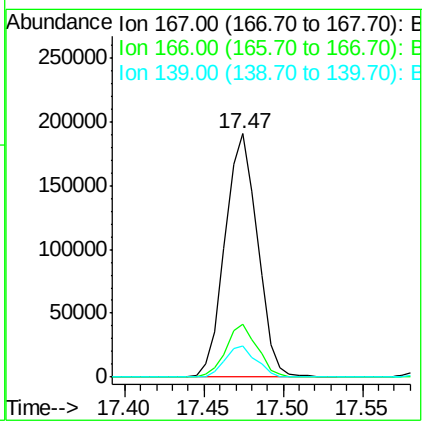


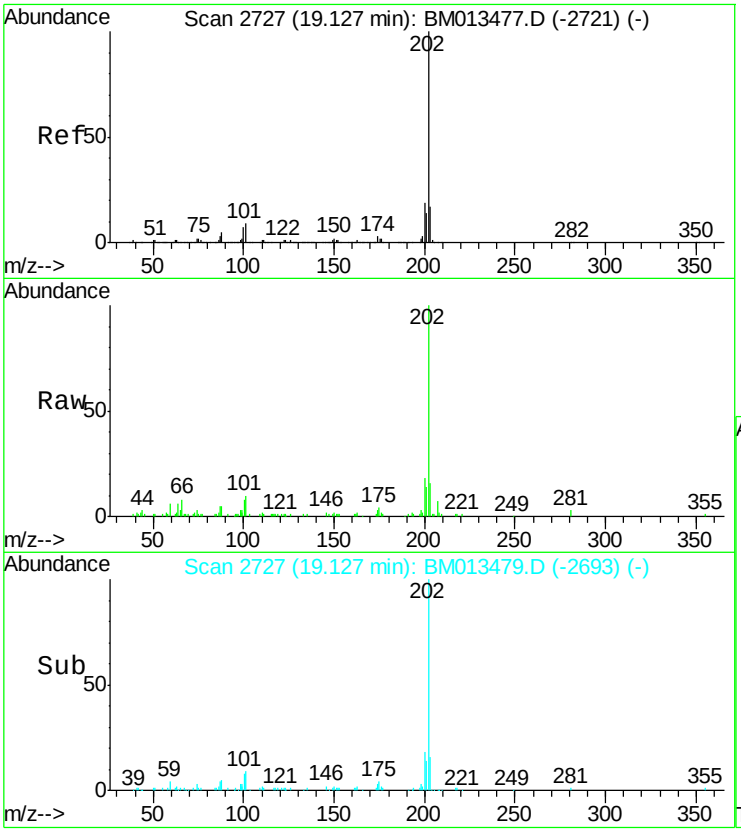


#72
Carbazole
Concen: 4.561 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Tgt Ion:167 Resp: 270361

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.1	25.7
139	12.9	10.0	15.0





#74
Fluoranthene
Concen: 1.008 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. 0.00 min
Lab File: BM013479.D
Acq: 16 Dec 2017 16:35

Instrument :
BNA_M
ClientSampleId :
F9A11DL2

Tgt Ion:202 Resp: 83240

Ion	Ratio	Lower	Upper
202	100		
101	10.1	4.6	7.0#
100	7.6	3.4	5.2#