Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A67

Quant Time: Dec 18 00:30:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	338365	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1472228	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	838340	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1770613	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1296504	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1113202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21109	3.09	ng/uL	0.00
5) Phenol-d5	6.85	99	487746	16.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	301080	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	408852	17.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	403171	16.12	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	215617	18.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	241467	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	428329	16.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	226270	9.56	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1332129	17.86	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1657329	18.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	160805	12.41	ng/ul	0.00
57) Fluorene-d10	15.32	176	1108951	17.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	78834	7.08	ng/ul	0.00
70) Anthracene-d10	17.17	188	1574655	17.76	ng/ul	0.00
76) Pyrene-d10	19.47	212	1432354	22.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	923494	16.29	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	64603	2.23	ng/ul#	86
44) Dimethylphthalate	13.78	163	544544	7.63	ng/ul	99
47) Acenaphthylene	14.04	152	330621	3.88	ng/ul	99
69) Phenanthrene	17.11	178	171214	1.70	ng/ul	98
71) Anthracene	17.20	178	298404	2.90	ng/ul	97
74) Fluoranthene	19.13	202	739949	6.00	ng/ul#	92
77) Pyrene	19.50	202	1111216	14.11	ng/ul#	93
80) Benzo(a)anthracene	21.28	228	411158	5.00	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.18	149	50005	1.08	ng/ul	91
82) Chrysene	21.30	228	459963	6.03	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2079680	27.71	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	2079680	29.45	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	949498	14.09	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	725236	10.84	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.71	278	206004	3.62	ng/ul#	91
91) Benzo(g,h,i)perylene	26.40	276	536535	10.17	ng/ul#	96

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

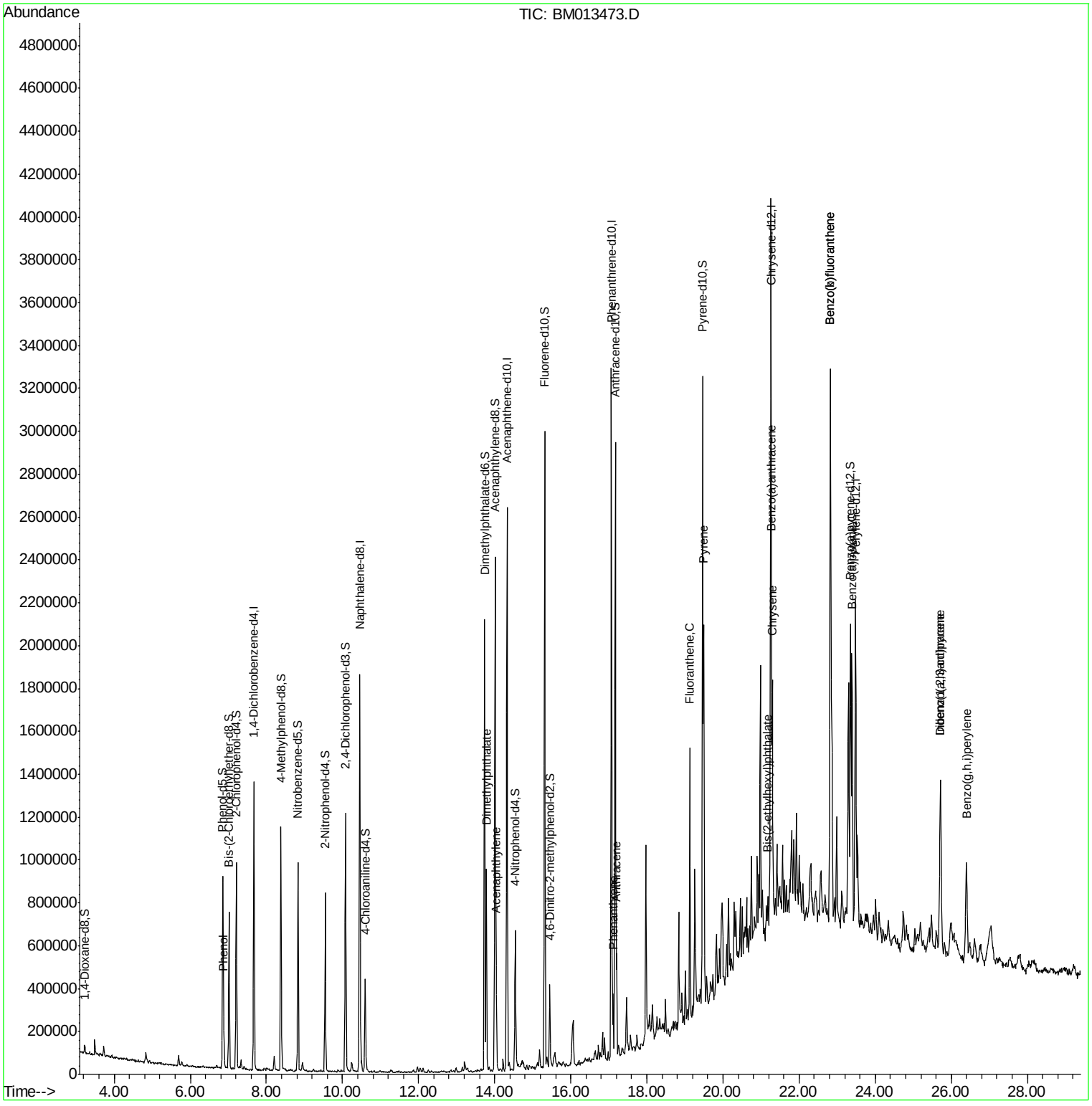
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

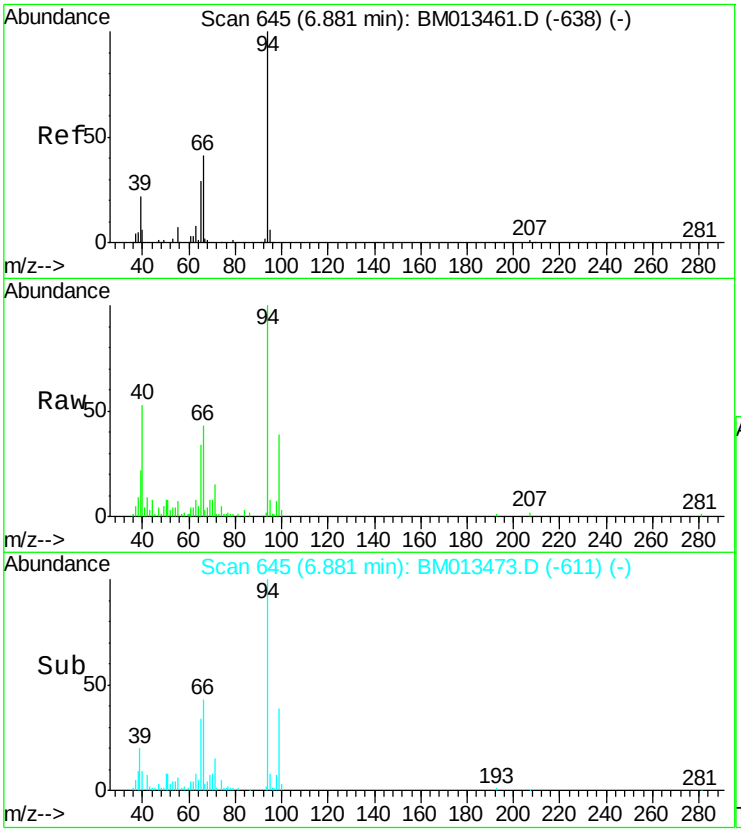
Quantitation Report (Not Reviewed)

Data File : BM013473.D
Acq On : 16 Dec 2017 11:46
Operator : SJ/JU
Sample : I6778-02
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A67

Quant Time: Dec 18 00:30:38 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration



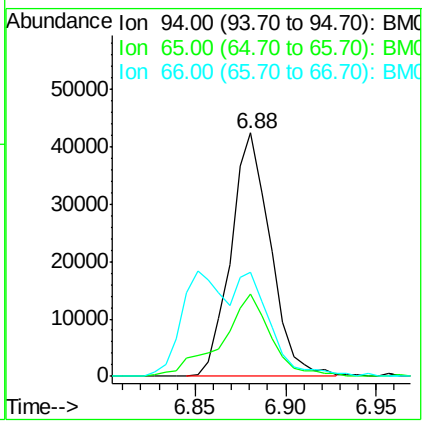


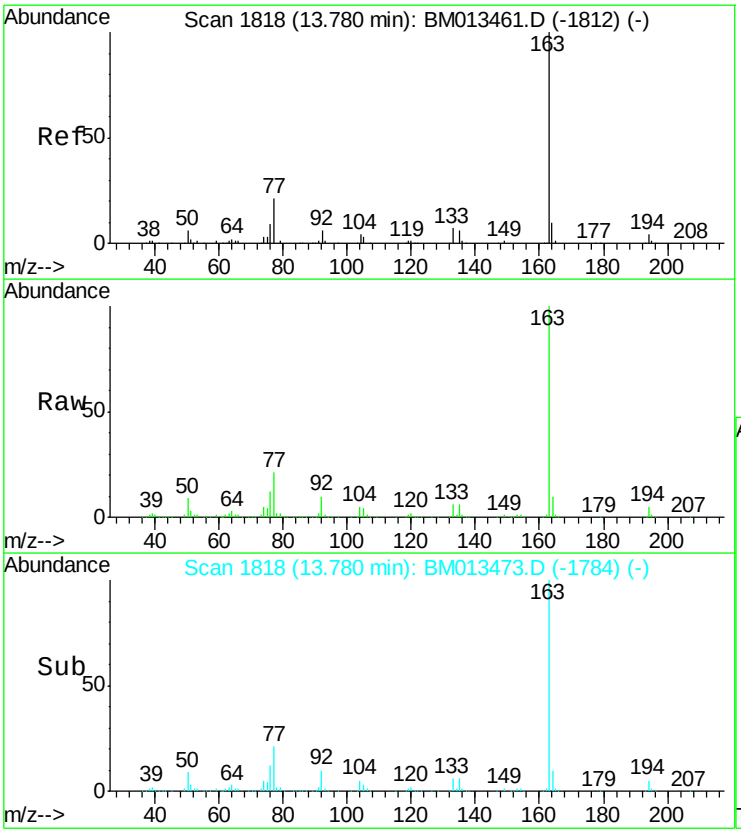
#6
Phenol
Concen: 2.23 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion: 94 Resp: 64603

Ion	Ratio	Lower	Upper
94	100		
65	33.8	28.2	42.4
66	42.9	47.2	70.8#

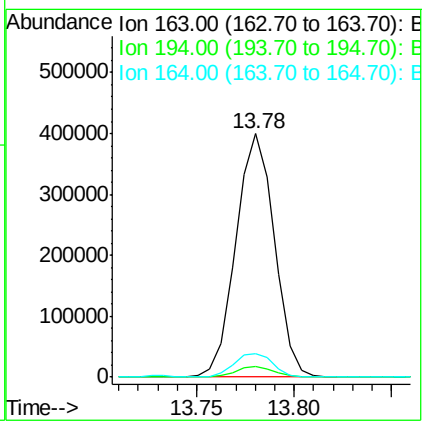


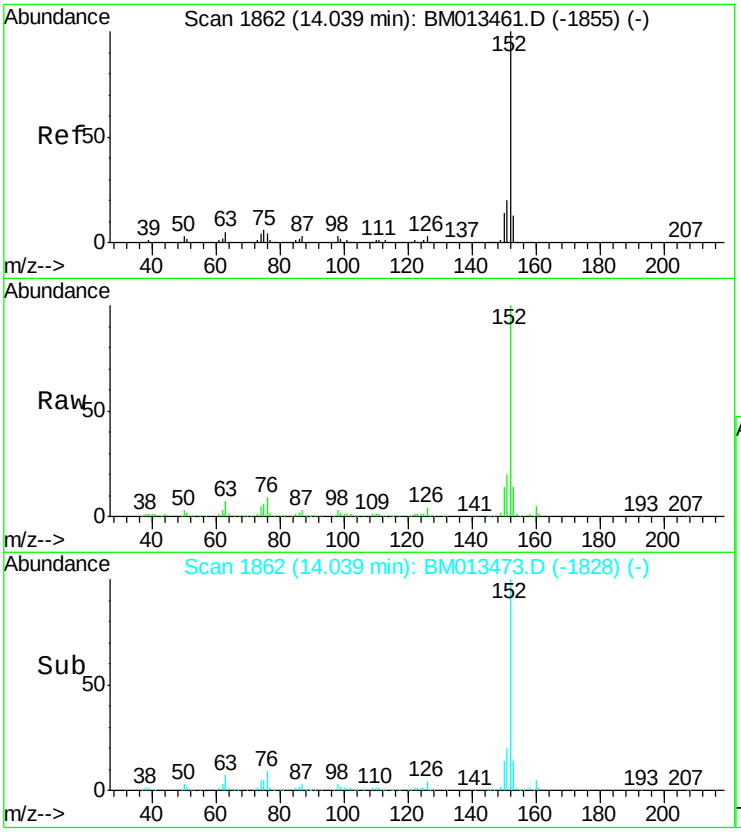


#44
Dimethylphthalate
Concen: 7.63 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:163 Resp: 544544

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	9.8	8.2	12.4



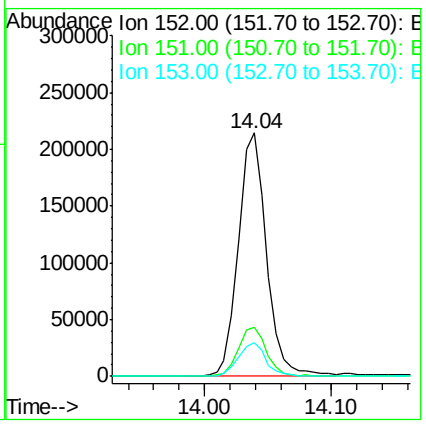


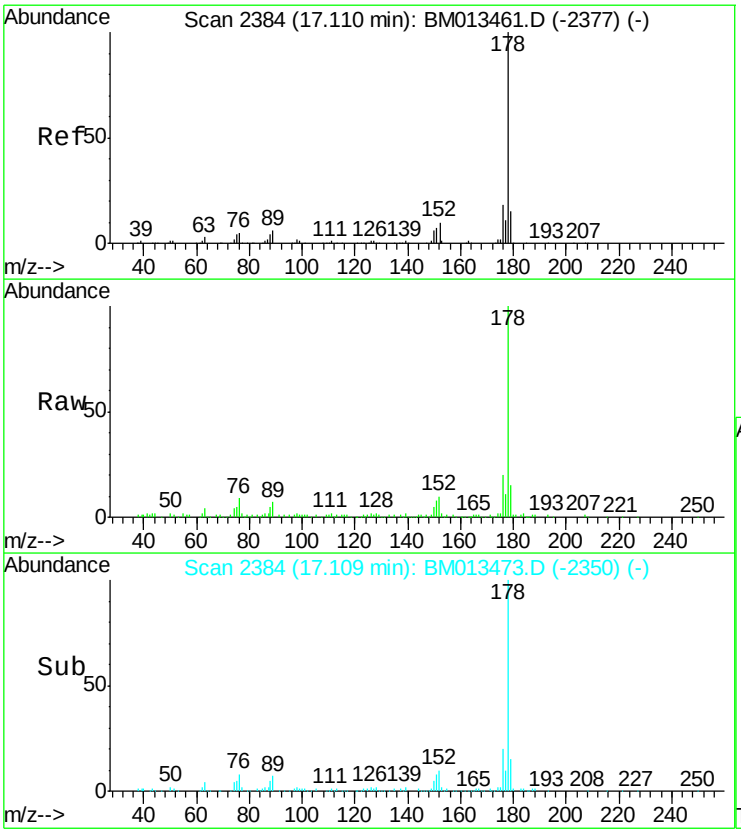
#47
Acenaphthylene
Concen: 3.88 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:152 Resp: 330621

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.7	10.2	15.4

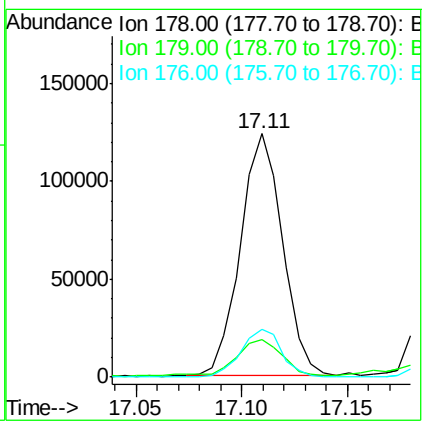


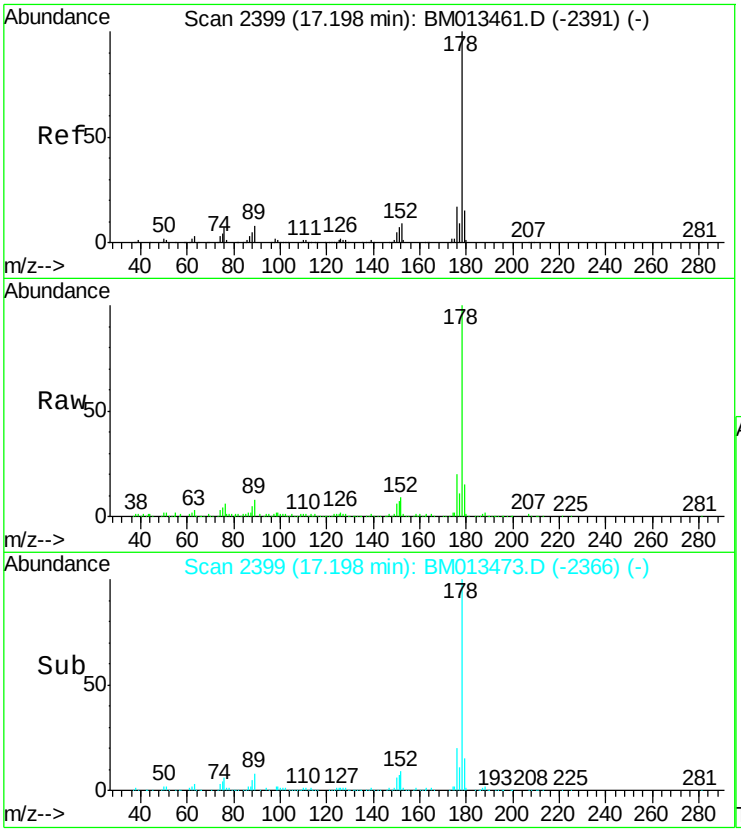


#69
Phenanthrene
Concen: 1.70 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:178 Resp: 171214

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.6	14.9	22.3



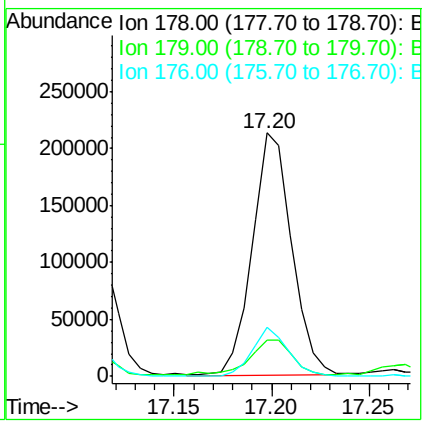


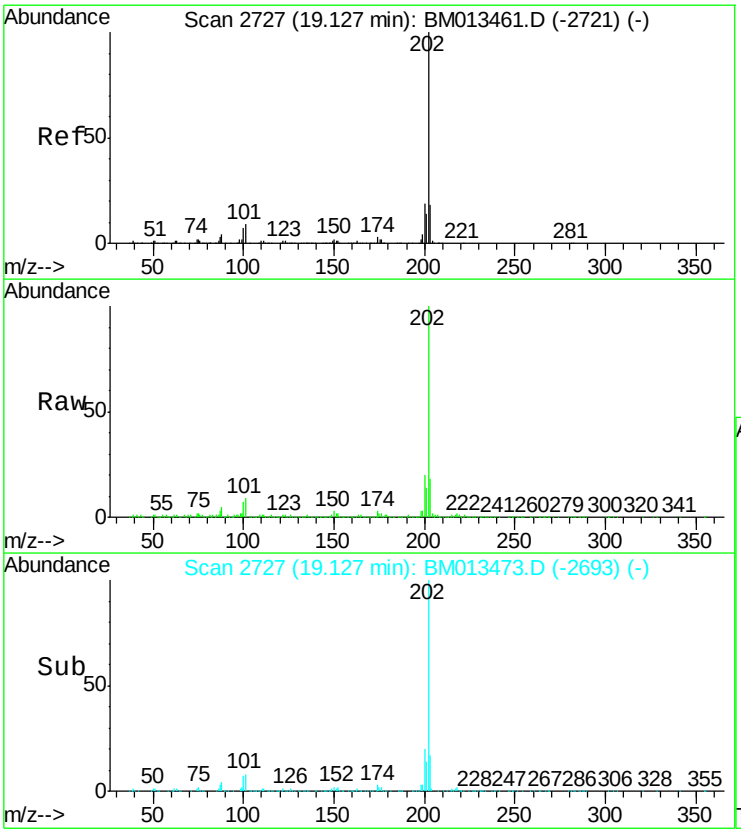
#71
Anthracene
Concen: 2.90 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:178 Resp: 298404

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	20.0	14.6	21.8

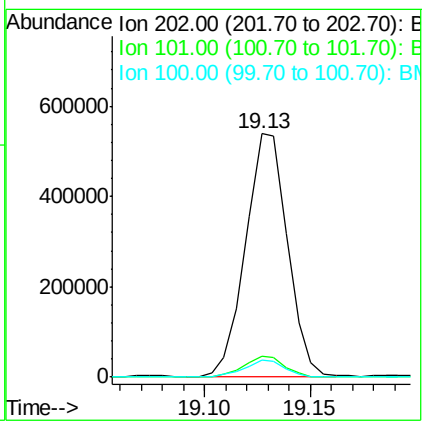


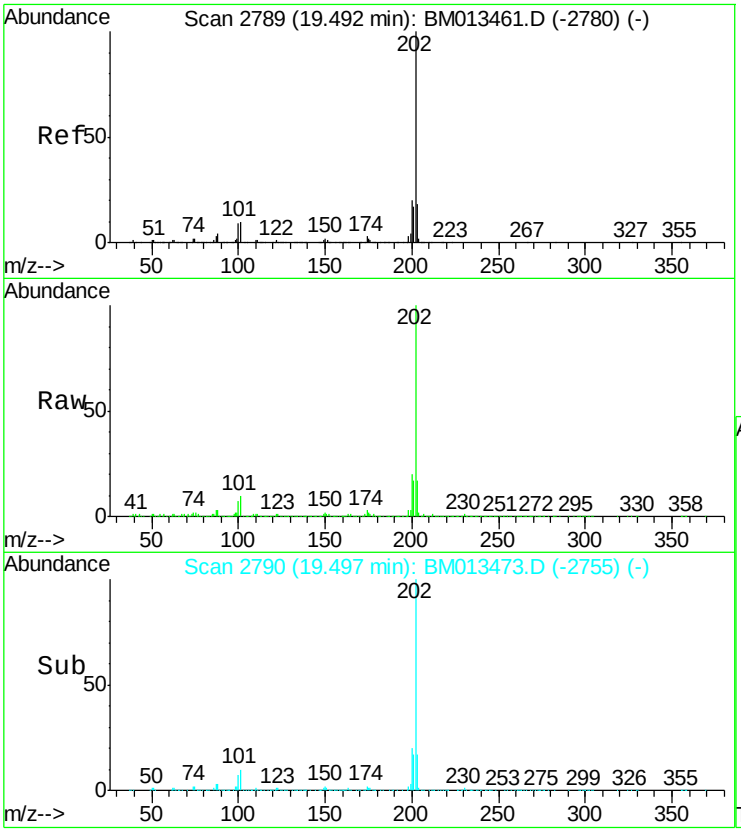


#74
Fluoranthene
Concen: 6.00 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:202 Resp: 739949

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.8	3.4	5.2#



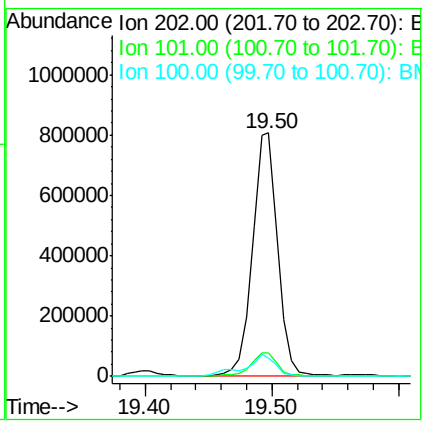


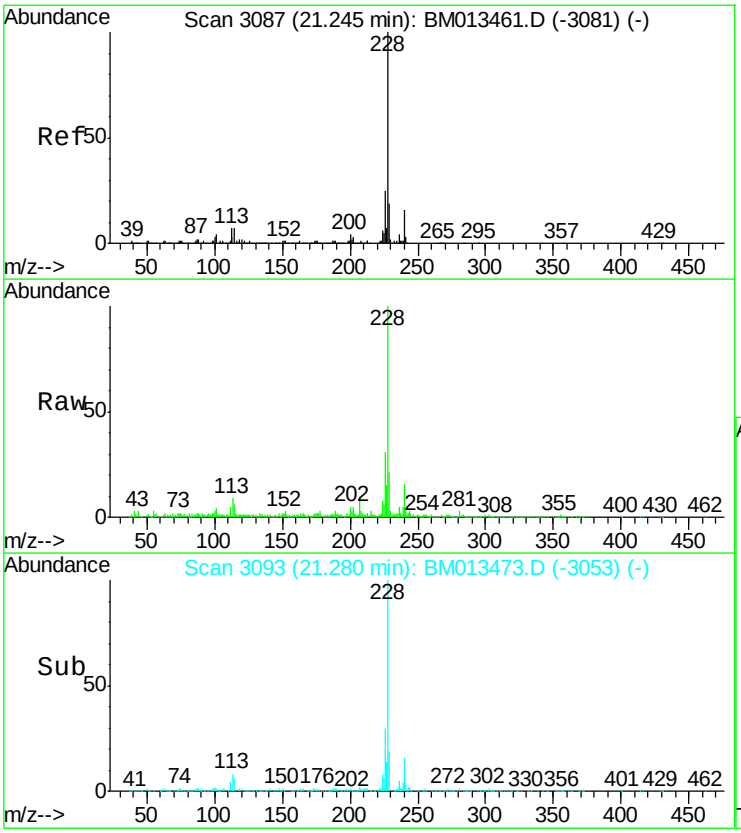
#77
Pyrene
Concen: 14.11 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:202 Resp: 1111216

Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	7.4	4.9	7.3#

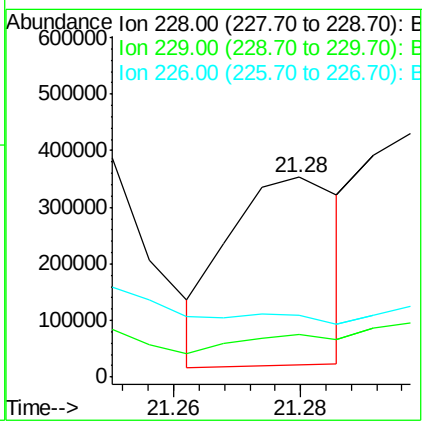


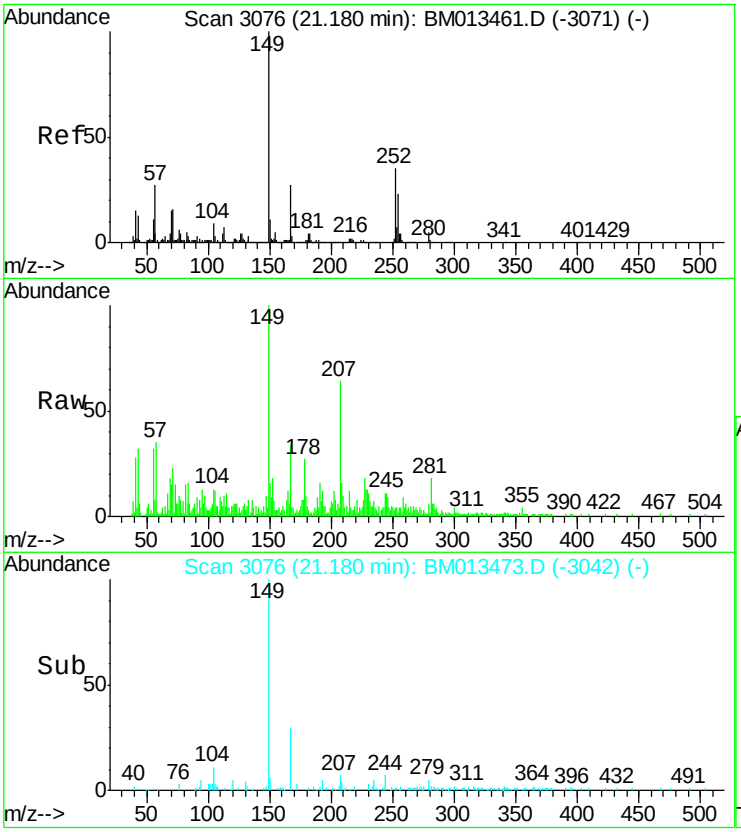


#80
Benzo(a)anthracene
Concen: 5.00 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. 0.03 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:228 Resp: 411158

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	31.2	21.4	32.0



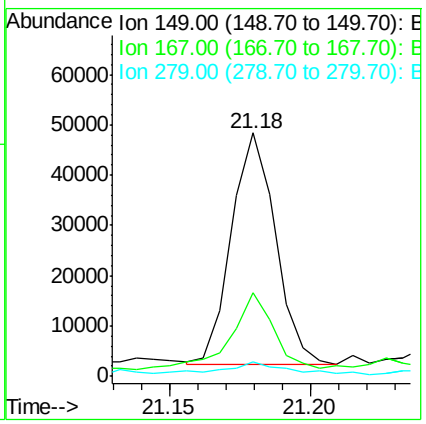


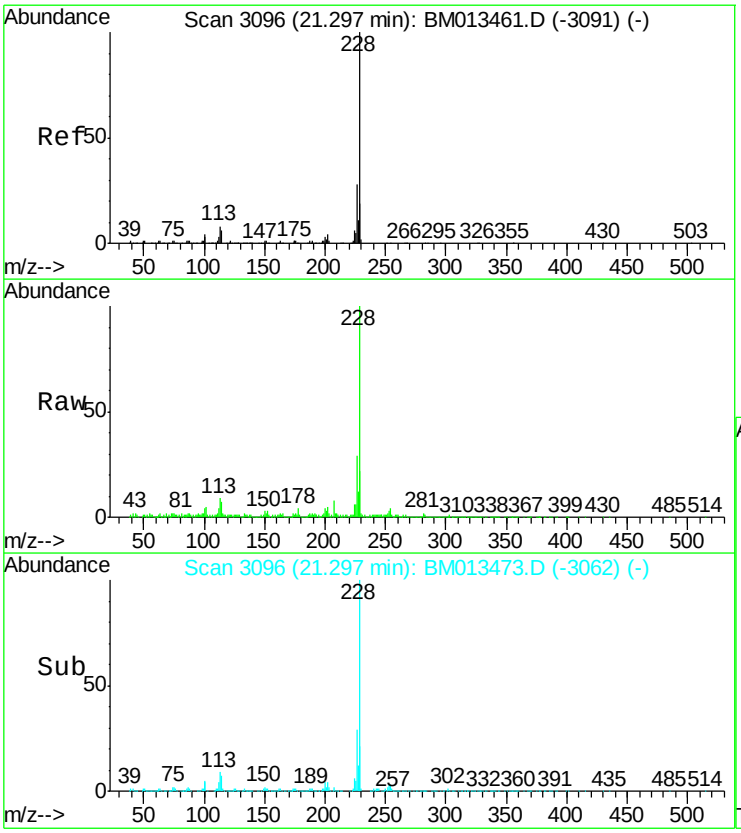
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.08 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:149 Resp: 50005

Ion	Ratio	Lower	Upper
149	100		
167	34.2	22.8	34.2
279	6.0	4.9	7.3

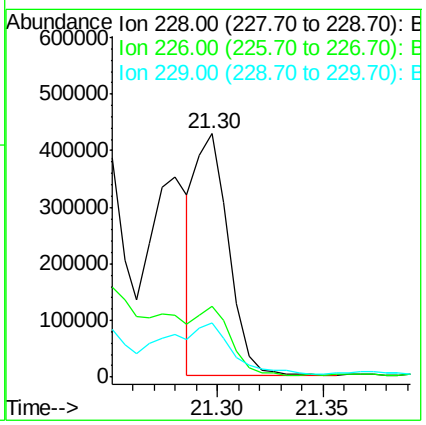


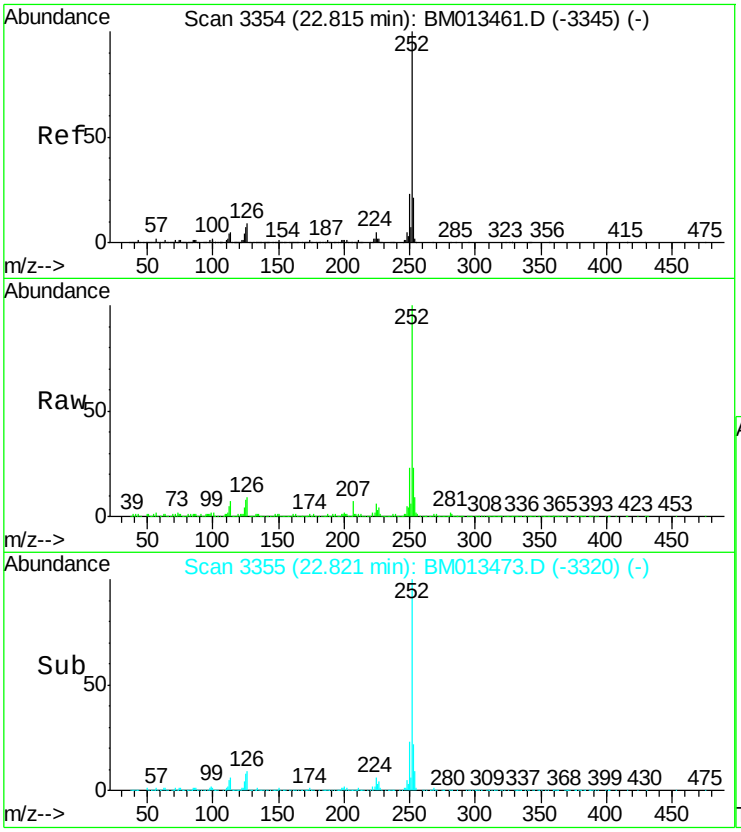


#82
Chrysene
Concen: 6.03 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:228 Resp: 459963

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.2	15.5	23.3



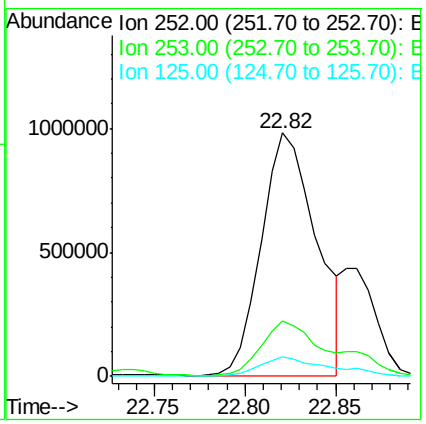


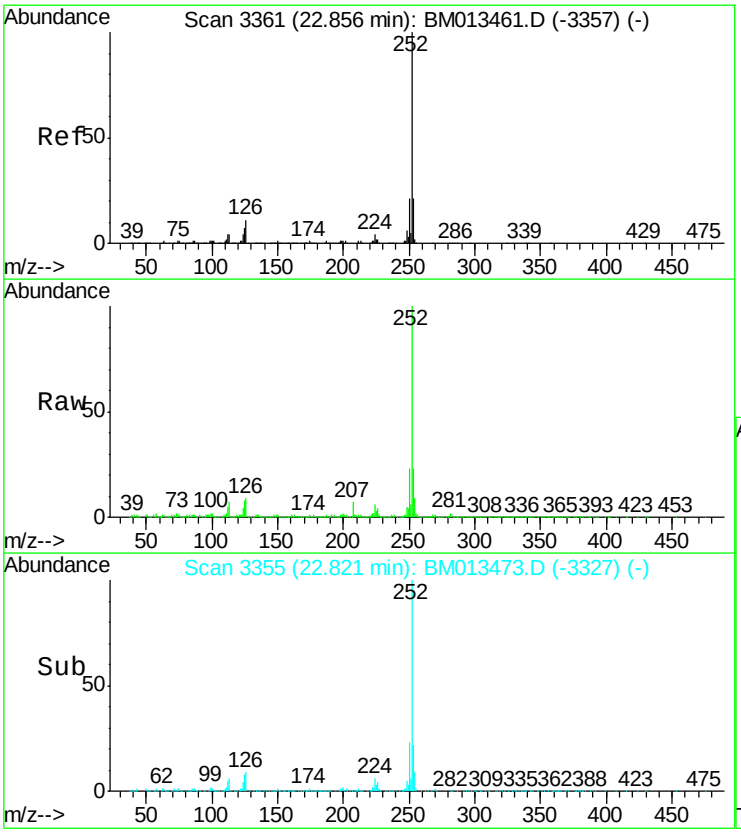
#85
Benzo(b)fluoranthene
Concen: 27.71 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:252 Resp: 2079680

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.2	3.6	5.4#

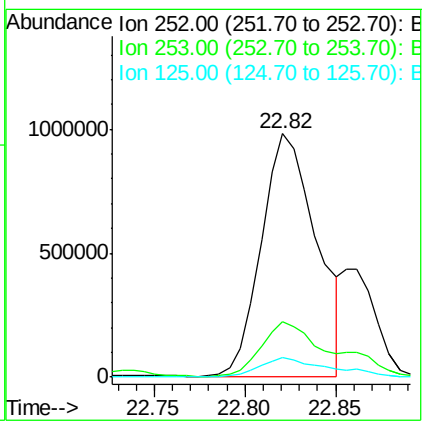


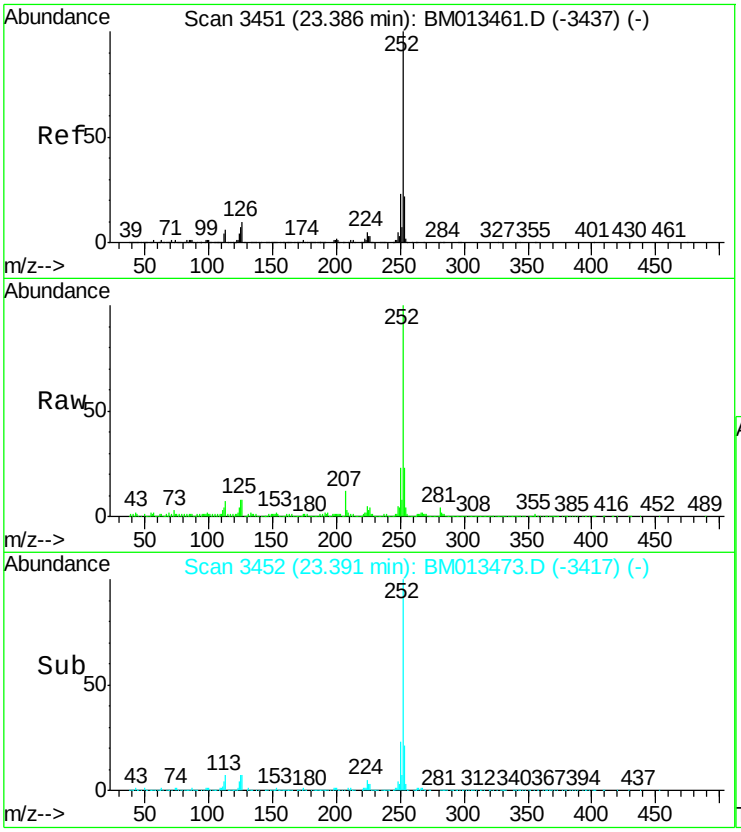


#86
Benzo(k)fluoranthene
Concen: 29.45 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:252 Resp: 2079680

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	8.2	3.4	5.2#



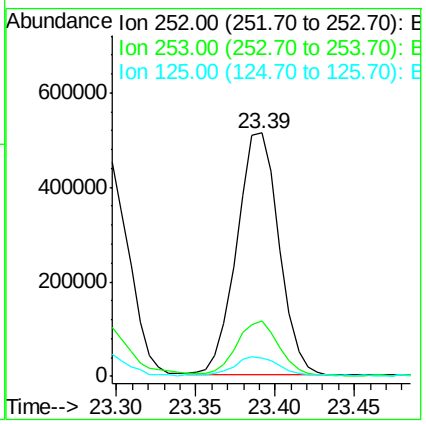


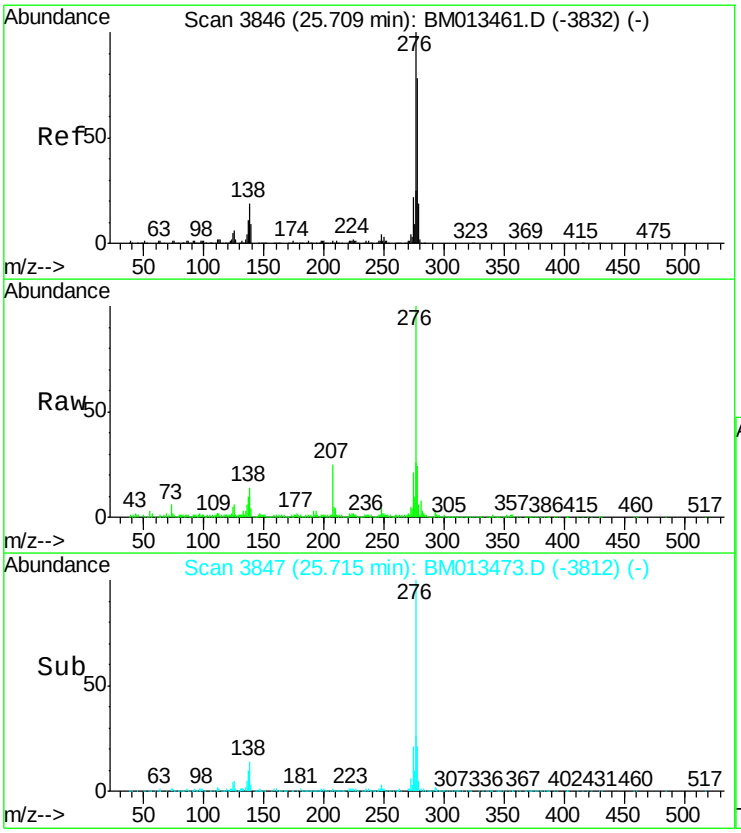
#88
Benzo(a)pyrene
Concen: 14.09 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:252 Resp: 949498

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	7.6	4.0	6.0#

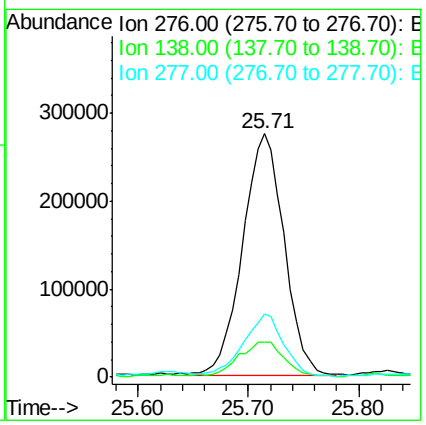


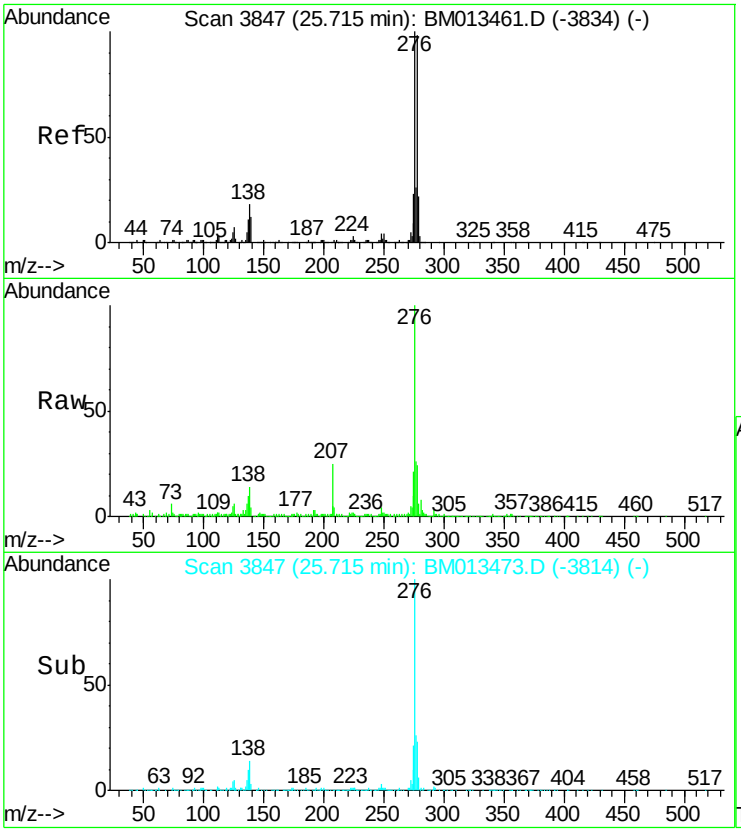


#89
Indeno(1,2,3-cd)pyrene
Concen: 10.84 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:276 Resp: 725236

Ion	Ratio	Lower	Upper
276	100		
138	14.4	9.3	13.9#
277	26.0	19.9	29.9



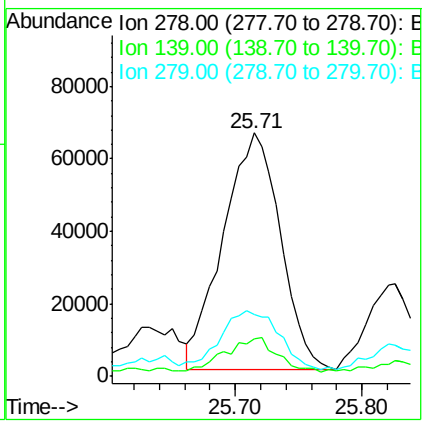


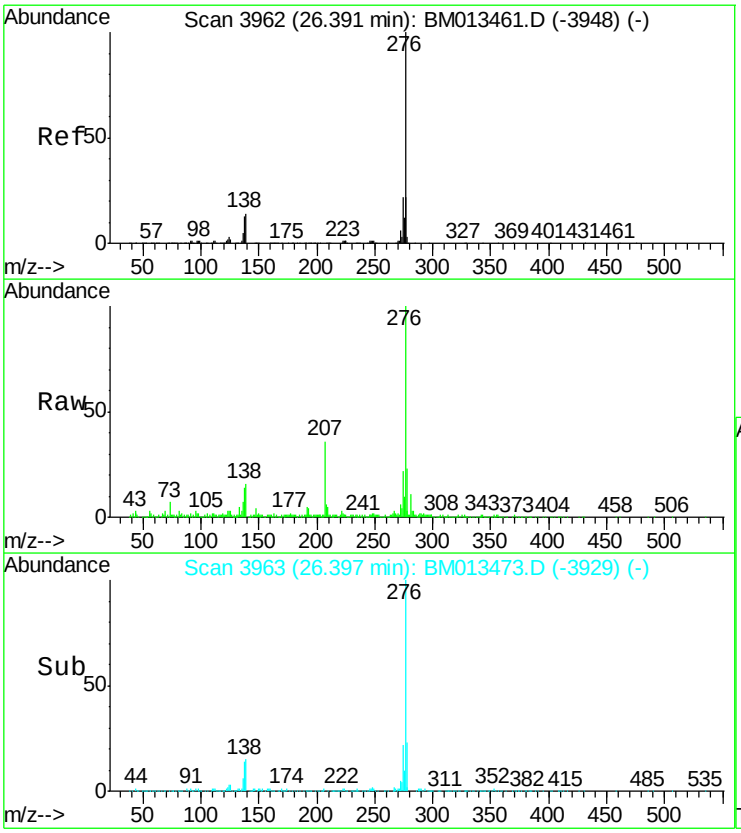
#90
Dibenzo(a,h)anthracene
Concen: 3.62 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Instrument :
BNA_M
ClientSampleId :
F9A67

Tgt Ion:278 Resp: 206004

Ion	Ratio	Lower	Upper
278	100		
139	15.2	5.8	8.8#
279	25.5	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 10.17 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.00 min
Lab File: BM013473.D
Acq: 16 Dec 2017 11:46

Tgt Ion:276 Resp: 536535

Ion	Ratio	Lower	Upper
276	100		
138	15.6	8.5	12.7#
277	23.3	18.6	28.0