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

Quantitation Report (Not Reviewed)

Data File : BM013482.D
Acq On : 16 Dec 2017 18:22
Operator : SJ/JU
Sample : I6779-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A95

Quant Time: Dec 18 03:14:17 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	7.67	152	234132	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1036325	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	603728	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1280941	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	953165	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	832020	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	19930	4.22	ng/uL	0.00
5) Phenol-d5	6.85	99	539520	26.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	309259	26.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	435579	27.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	464021	26.81	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	229029	27.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	259207	29.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	475788	26.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	467054	28.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1452411	27.03	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1883508	28.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	199855	21.41	ng/ul	0.00
57) Fluorene-d10	15.32	176	1229423	26.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	122332	15.18	ng/ul	0.00
70) Anthracene-d10	17.16	188	1812608	28.25	ng/ul	0.00
76) Pyrene-d10	19.47	212	1738772	36.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	1166626	27.53	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	67902	3.39	ng/ul#	82
44) Dimethylphthalate	13.78	163	449565	8.75	ng/ul	99
47) Acenaphthylene	14.04	152	507875	8.28	ng/ul	100
68) Pentachlorophenol	16.73	266	11923	1.24	ng/ul	92
69) Phenanthrene	17.11	178	80116	1.10	ng/ul	95
71) Anthracene	17.20	178	367430	4.94	ng/ul	99
74) Fluoranthene	19.13	202	1252467	14.04	ng/ul#	91
77) Pyrene	19.49	202	1819479	31.42	ng/ul#	90
80) Benzo(a)anthracene	21.30	228	997633	16.50	ng/ul	93
82) Chrysene	21.30	228	997633	17.78	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2028263	36.16	ng/ul#	97
86) Benzo(k)fluoranthene	22.82	252	2028263	38.43	ng/ul#	98
88) Benzo(a)pyrene	23.39	252	1248281	24.78	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	956832	19.14	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.71	278	247354	5.81	ng/ul#	92
91) Benzo(g,h,i)perylene	26.40	276	797125	20.21	ng/ul#	91

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

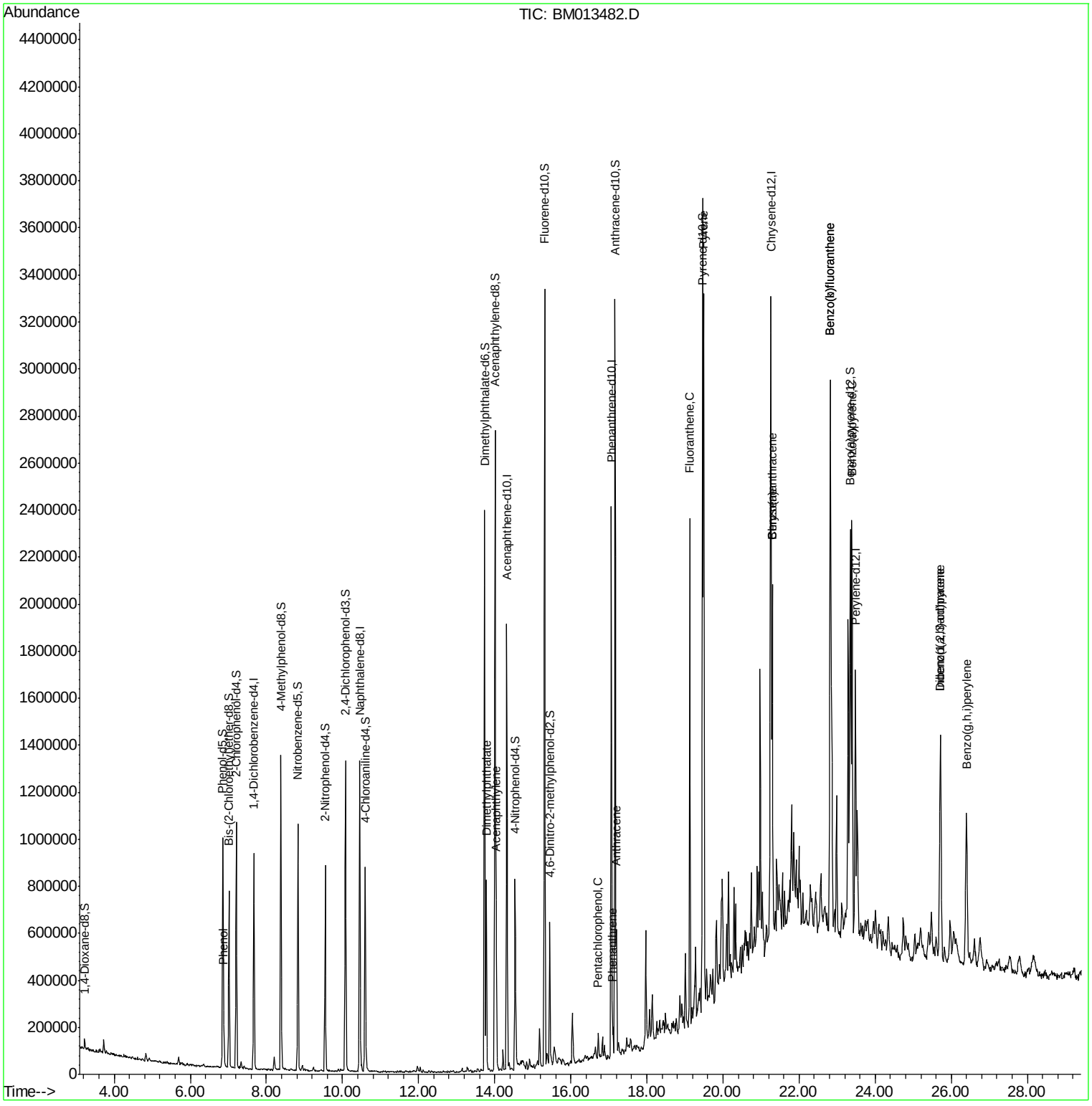
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

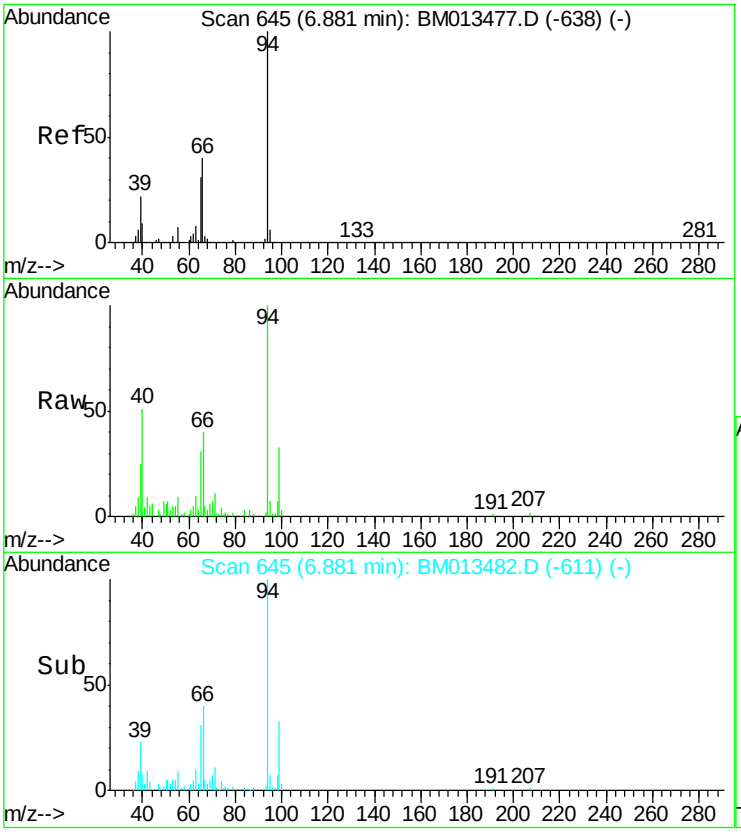
Quantitation Report (Not Reviewed)

Data File : BM013482.D
Acq On : 16 Dec 2017 18:22
Operator : SJ/JU
Sample : I6779-12
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A95

Quant Time: Dec 18 03:14:17 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



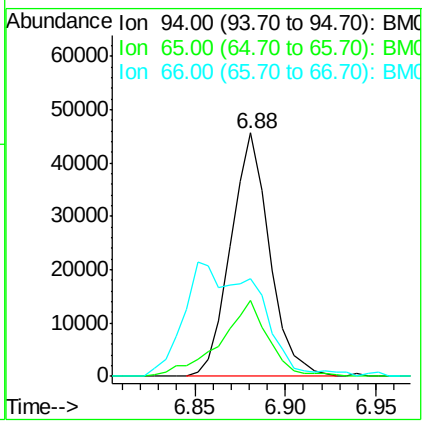


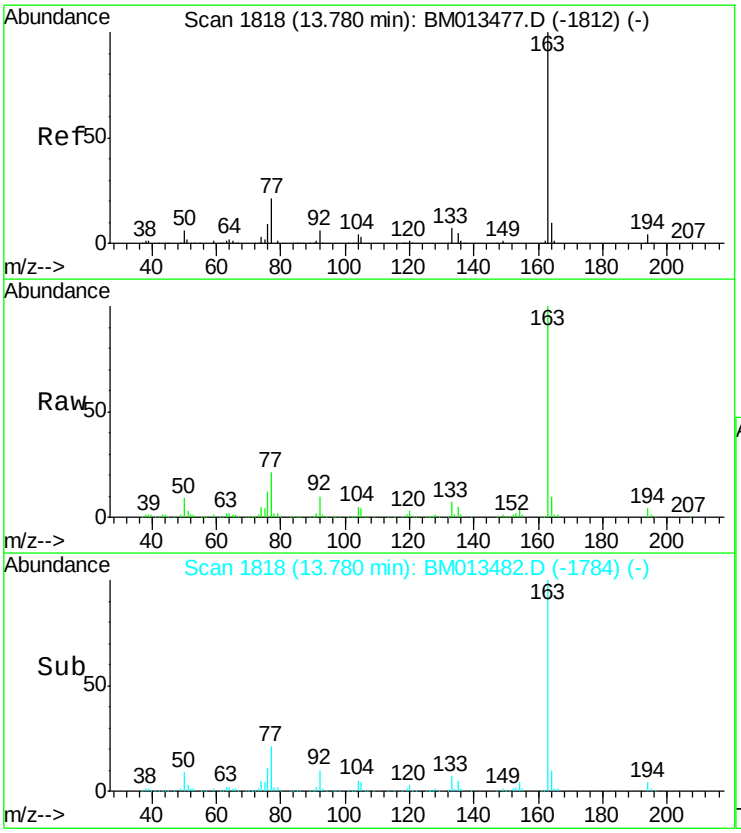
#6
Phenol
Concen: 3.39 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion: 94 Resp: 67902

Ion	Ratio	Lower	Upper
94	100		
65	31.2	28.2	42.4
66	40.0	47.2	70.8#

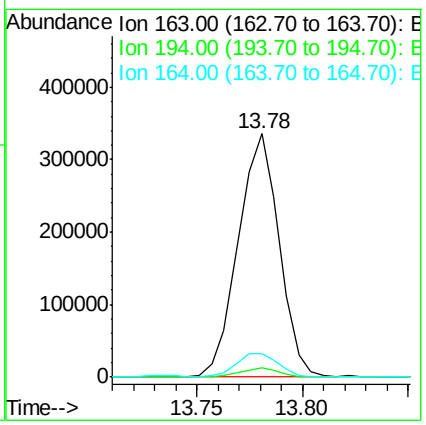


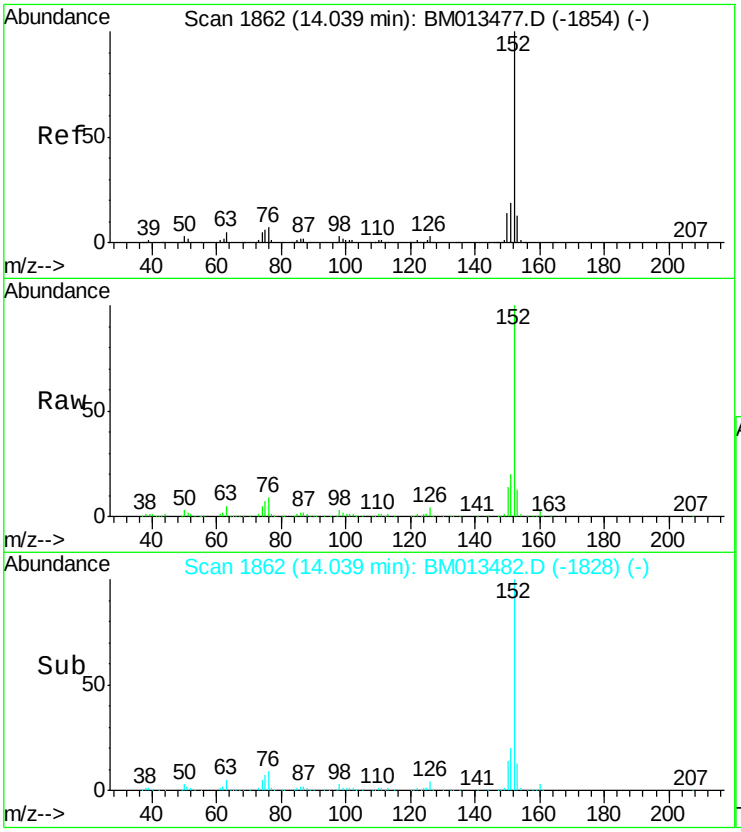


#44
Dimethylphthalate
Concen: 8.75 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:163 Resp: 449565

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	9.7	8.2	12.4



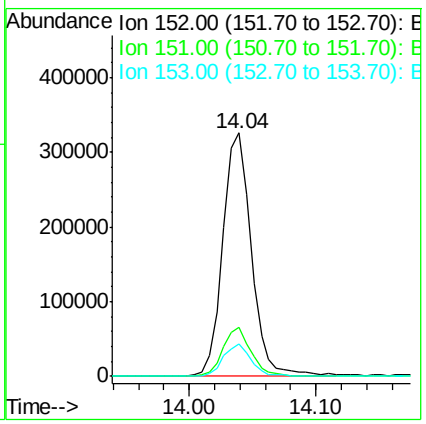


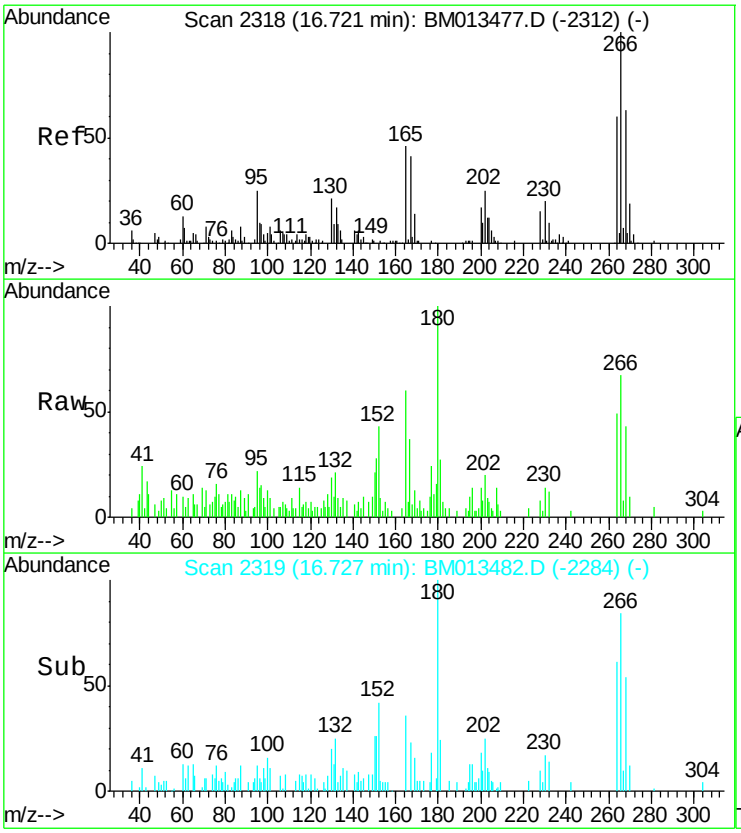
#47
Acenaphthylene
Concen: 8.28 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:152 Resp: 507875

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.2	10.2	15.4

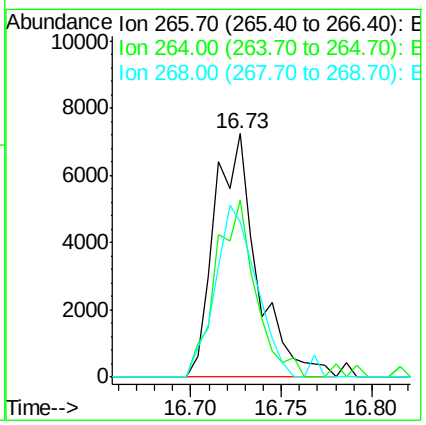


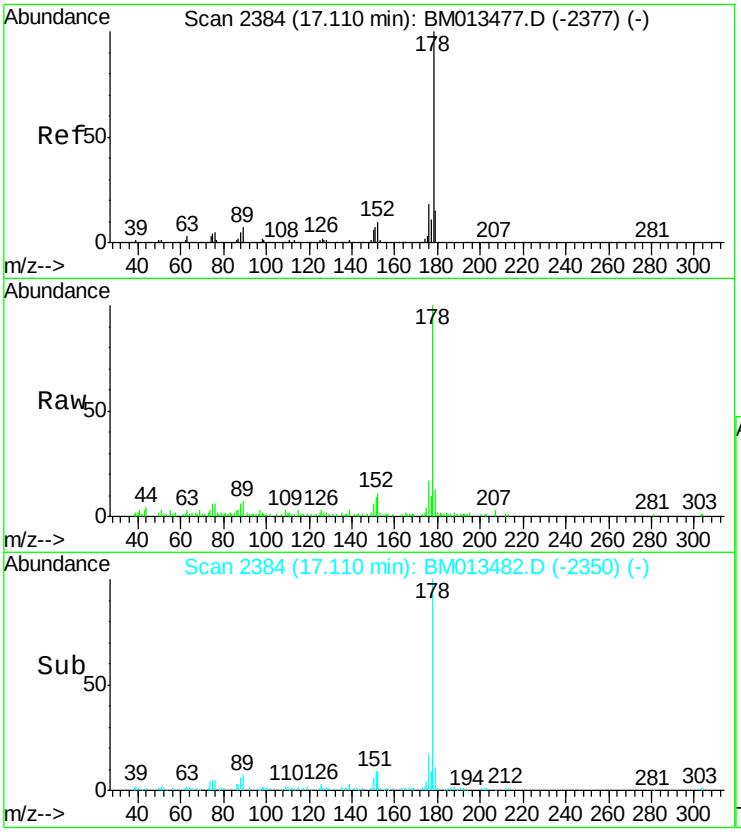


#68
Pentachlorophenol
Concen: 1.24 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:266 Resp: 11923

Ion	Ratio	Lower	Upper
266	100		
264	72.6	49.3	73.9
268	64.0	52.6	78.8



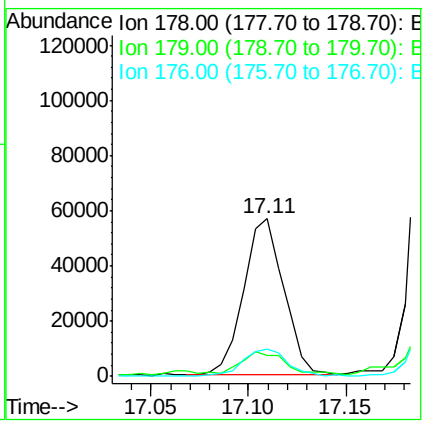


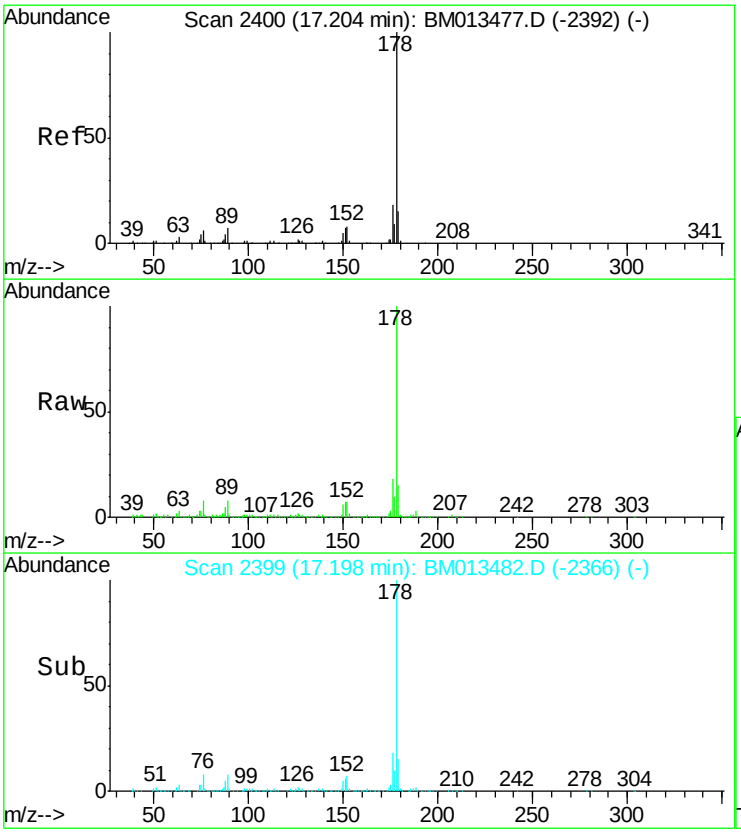
#69
Phenanthrene
Concen: 1.10 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:178 Resp: 80116

Ion	Ratio	Lower	Upper
178	100		
179	12.9	12.6	19.0
176	17.0	14.9	22.3

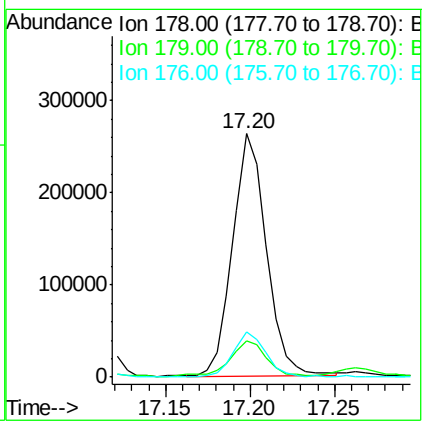


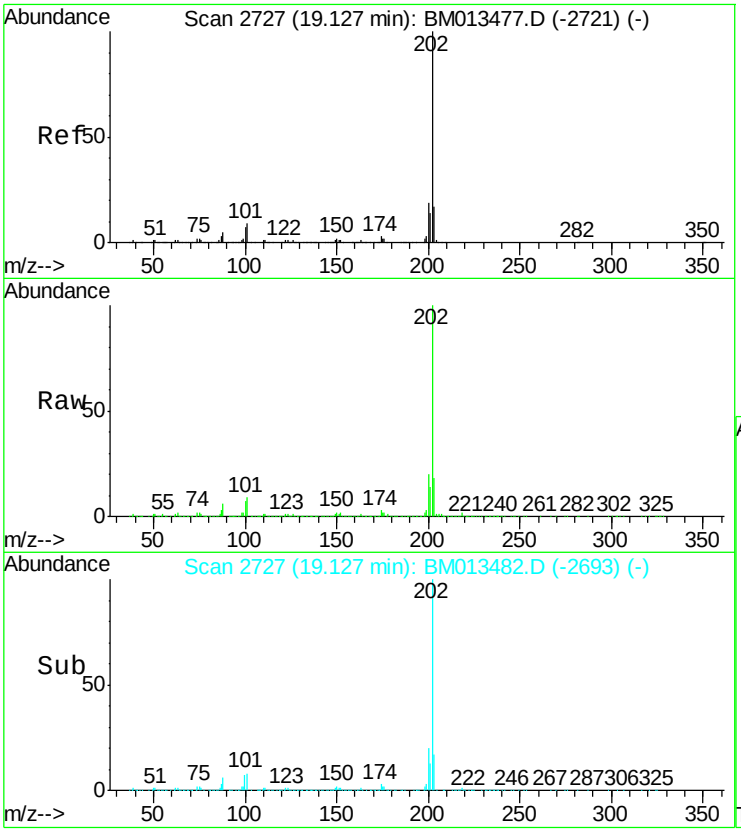


#71
Anthracene
Concen: 4.94 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:178 Resp: 367430

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.7	17.5
176	18.3	14.6	21.8



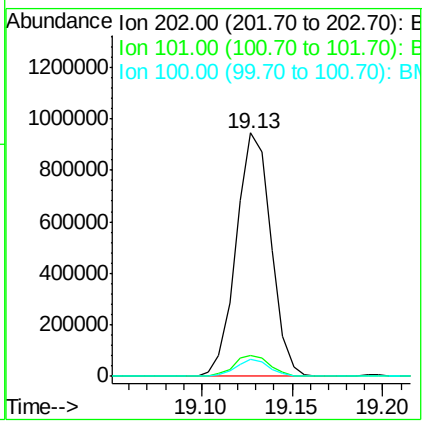


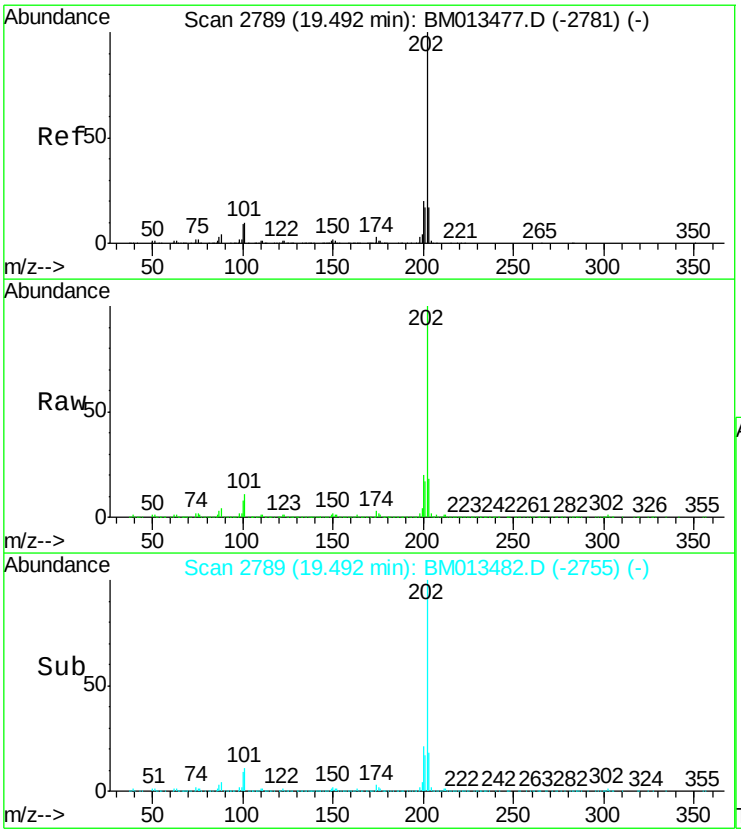
#74
Fluoranthene
Concen: 14.04 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:202 Resp: 1252467

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	7.2	3.4	5.2#

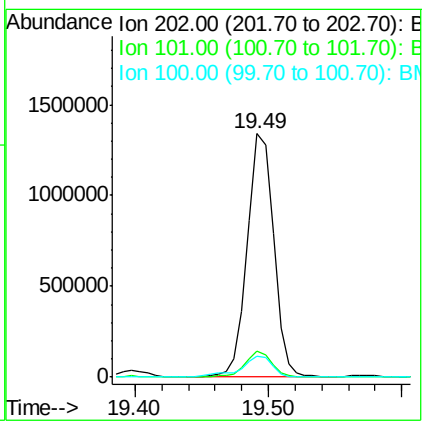


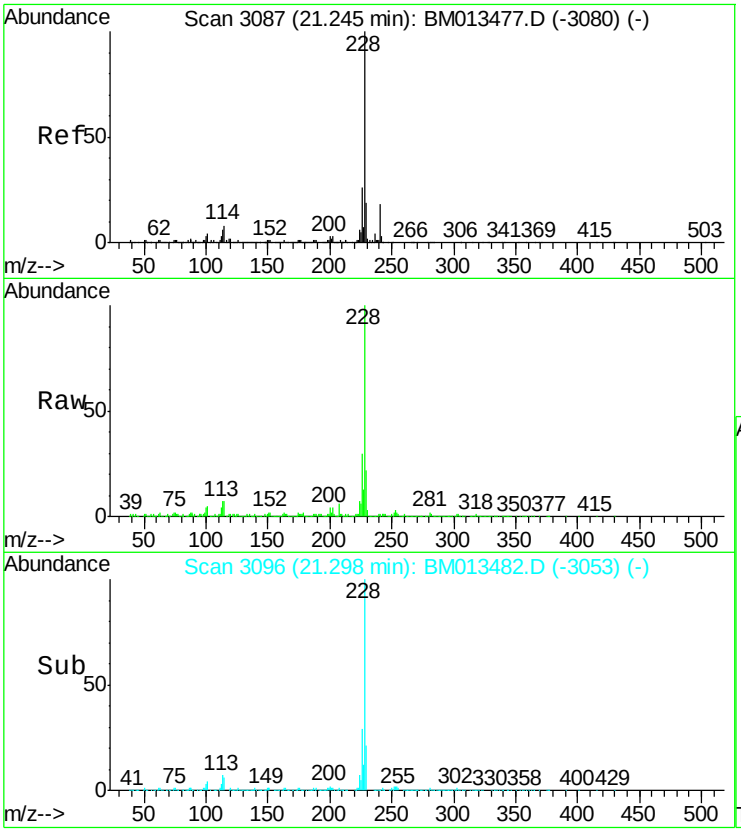


#77
Pyrene
Concen: 31.42 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:202 Resp: 1819479

Ion	Ratio	Lower	Upper
202	100		
101	10.8	5.1	7.7#
100	8.5	4.9	7.3#



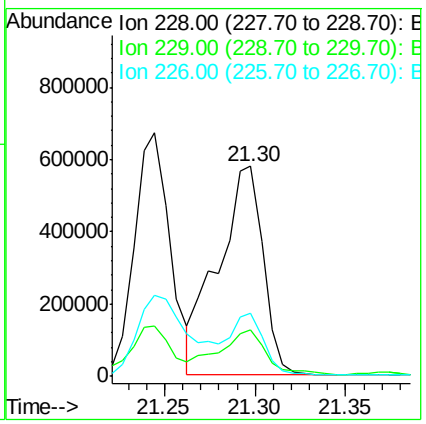


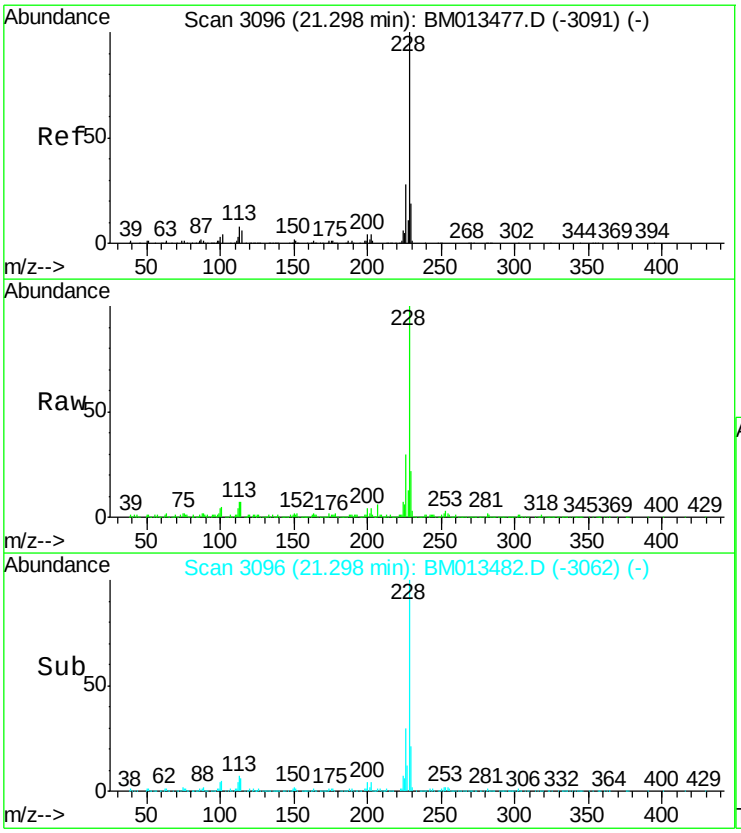
#80
Benzo(a)anthracene
Concen: 16.50 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.05 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:228 Resp: 997633

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	30.1	21.4	32.0

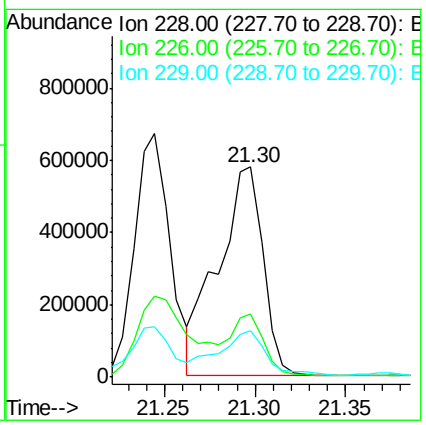


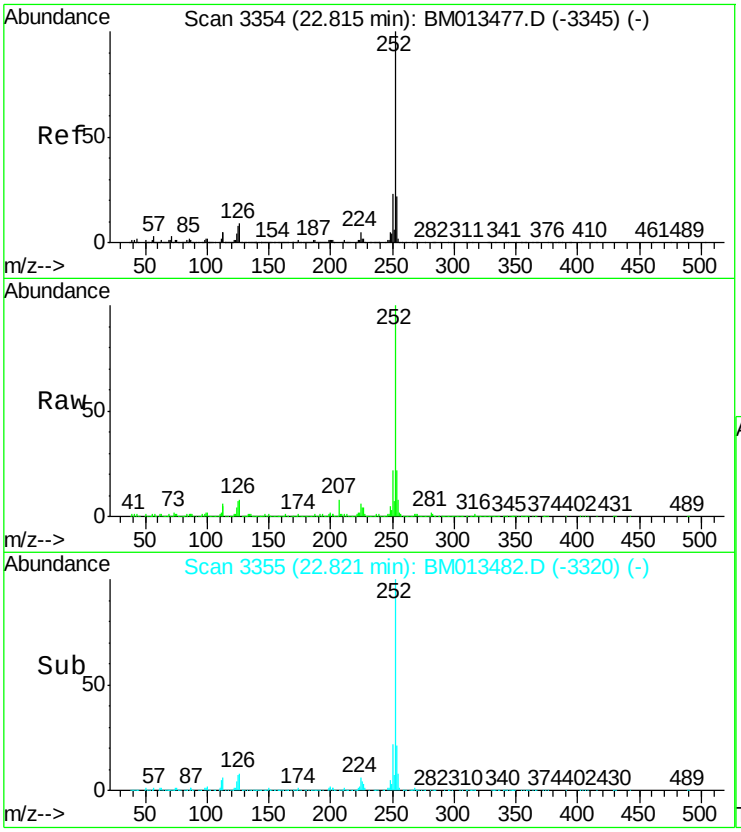


#82
Chrysene
Concen: 17.78 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:228 Resp: 997633

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.2	15.5	23.3



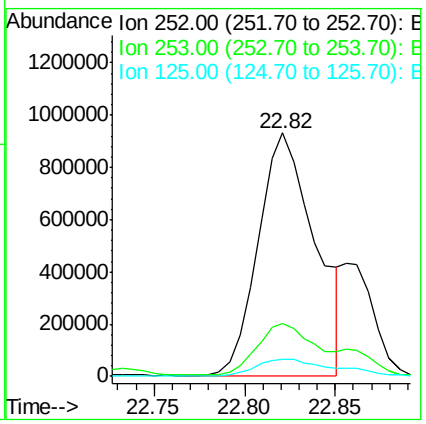


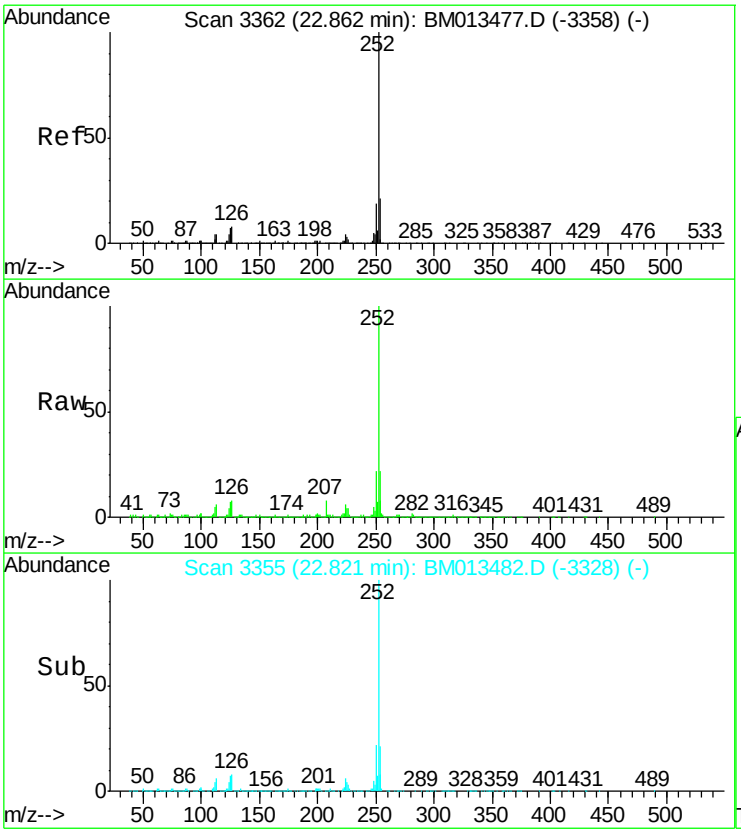
#85
Benzo(b)fluoranthene
Concen: 36.16 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:252 Resp: 2028263

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	7.1	3.6	5.4#

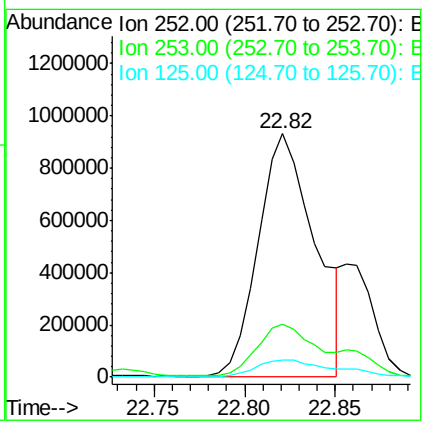


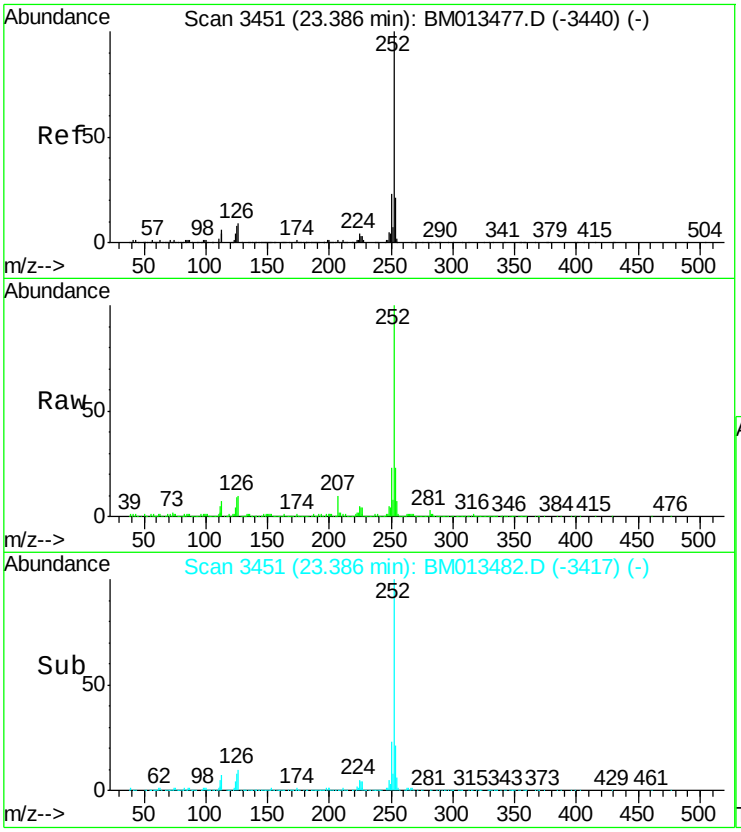


#86
Benzo(k)fluoranthene
Concen: 38.43 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:252 Resp: 2028263

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	7.1	3.4	5.2#



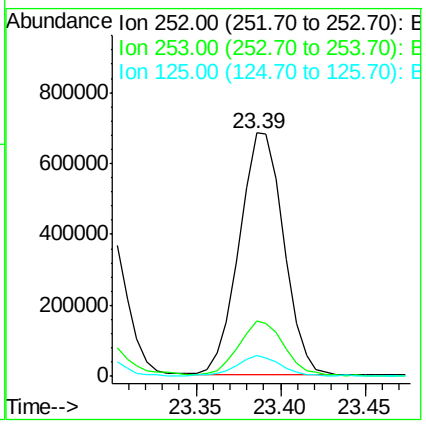


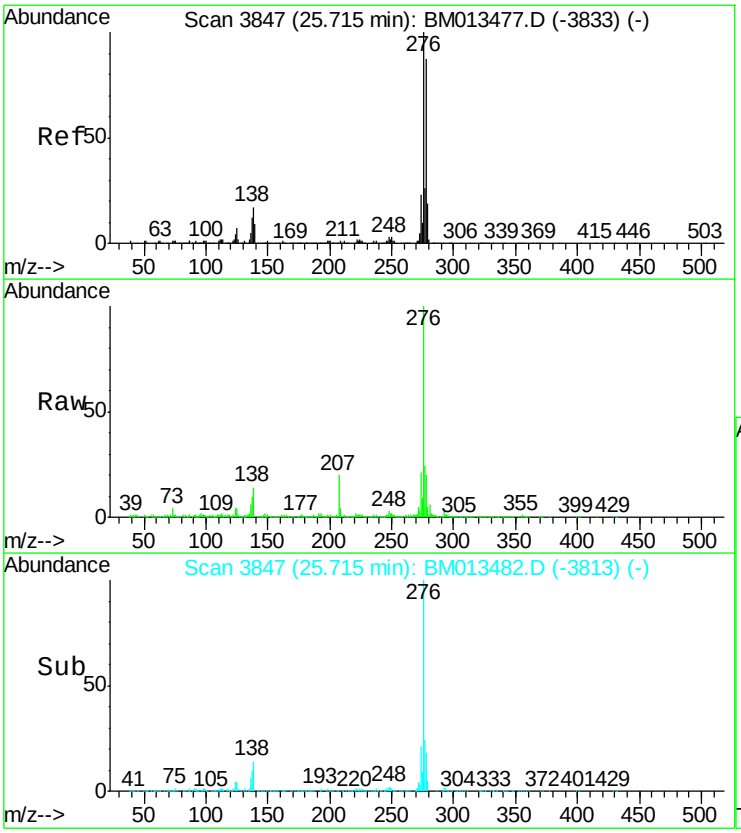
#88
Benzo(a)pyrene
Concen: 24.78 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:252 Resp: 1248281

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.5	4.0	6.0#

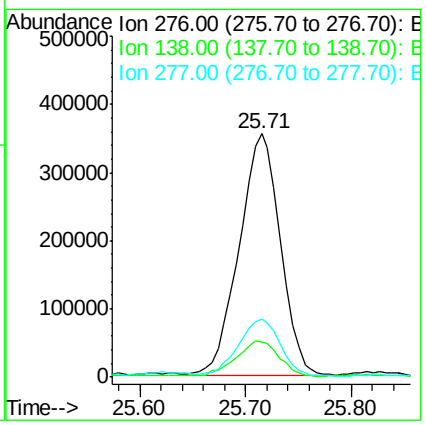


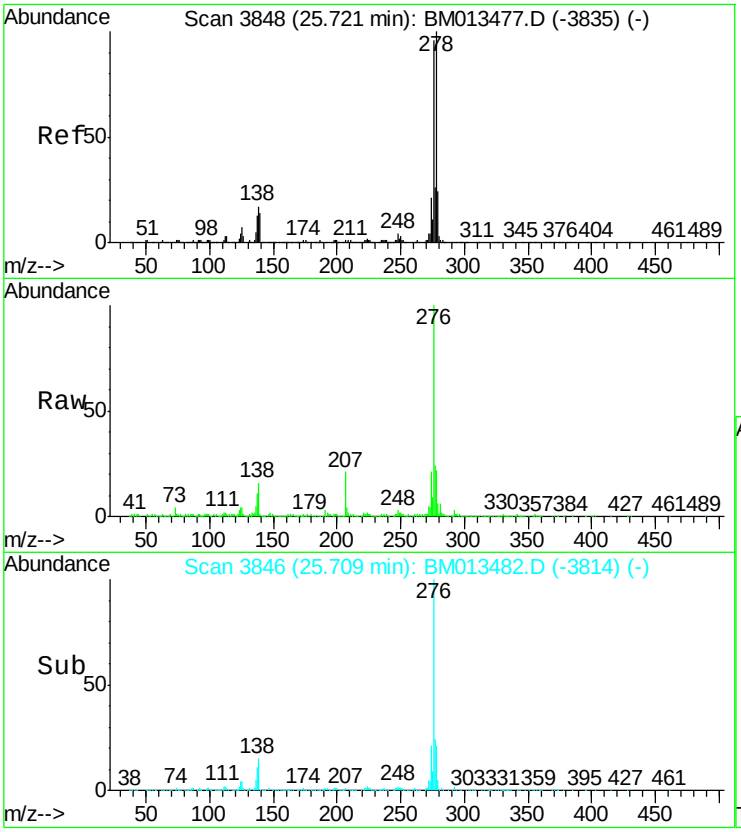


#89
Indeno(1,2,3-cd)pyrene
Concen: 19.14 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:276 Resp: 956832

Ion	Ratio	Lower	Upper
276	100		
138	14.2	9.3	13.9#
277	24.0	19.9	29.9



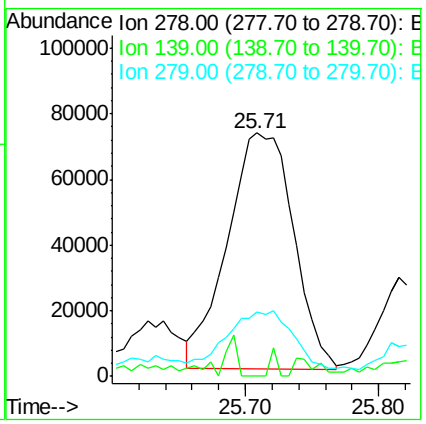


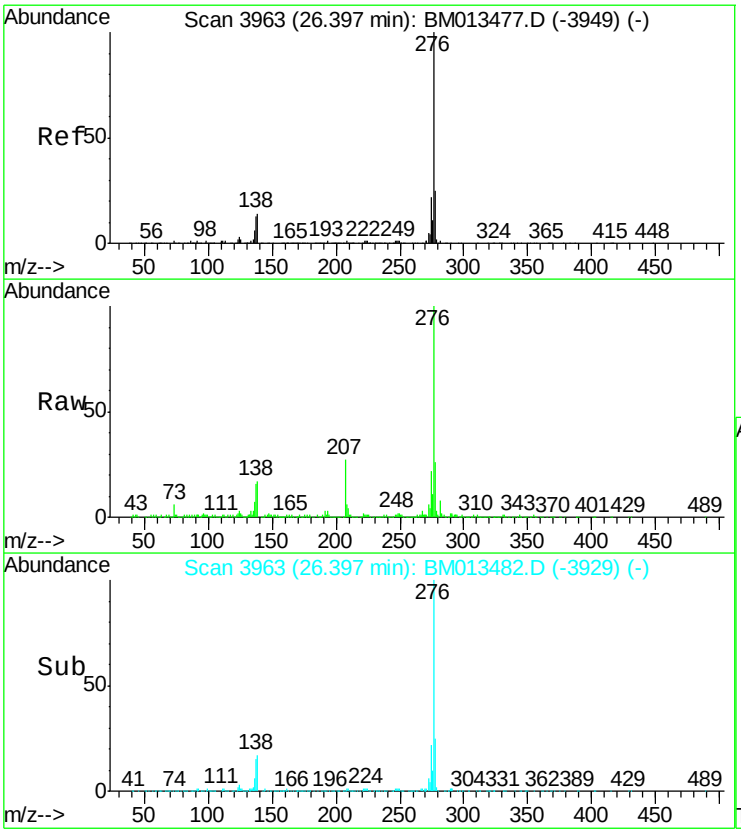
#90
Dibenzo(a,h)anthracene
Concen: 5.81 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Instrument :
BNA_M
ClientSampleId :
F9A95

Tgt Ion:278 Resp: 247354

Ion	Ratio	Lower	Upper
278	100		
139	2.7	5.8	8.8#
279	26.3	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 20.21 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. -0.00 min
Lab File: BM013482.D
Acq: 16 Dec 2017 18:22

Tgt Ion:276 Resp: 797125

Ion	Ratio	Lower	Upper
276	100		
138	17.1	8.5	12.7#
277	25.7	18.6	28.0