Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013362.D
Acq On : 13 Dec 2017 05:47
Operator : SJ/JU
Sample : I6759-10DL 30X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A18DL

Quant Time: Dec 13 07:03:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	141493	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	610914	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	377391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	942986	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1151402	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1033413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	296	0.10	ng/uL	-0.01
5) Phenol-d5	6.87	99	8127	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	5874	0.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	6844	0.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	2676	0.26	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	3778	0.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	3252	0.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	3161	0.30	ng/ul	0.01
29) 4-Chloroaniline-d4	10.62	131	1280	0.13	ng/ul	0.01
43) Dimethylphthalate-d6	13.74	166	28600	0.85	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	36528	0.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	1512	0.26	ng/ul	0.04
57) Fluorene-d10	15.33	176	26993	0.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	1679	0.28	ng/ul	0.00
70) Anthracene-d10	17.17	188	46522	0.99	ng/ul	0.00
76) Pyrene-d10	19.47	212	55877	0.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	45642	0.87	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.05	152	88321	2.303	ng/ul	98
68) Pentachlorophenol	16.73	266	405294	57.323	ng/ul	98
69) Phenanthrene	17.12	178	83910	1.566	ng/ul	97
71) Anthracene	17.21	178	155593	2.841	ng/ul	96
74) Fluoranthene	19.13	202	373451	5.688	ng/ul#	94
77) Pyrene	19.50	202	476308	6.809	ng/ul#	94
80) Benzo(a)anthracene	21.25	228	140132	1.918	ng/ul	91
82) Chrysene	21.28	228	109460	1.615	ng/ul	95
85) Benzo(b)fluoranthene	22.83	252	692029	9.934	ng/ul#	97
86) Benzo(k)fluoranthene	22.87	252	196590	2.999	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	296596	4.740	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.72	276	267059	4.301	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.73	278	73191	1.384	ng/ul#	92
91) Benzo(g,h,i)perylene	26.41	276	243077	4.963	ng/ul	99

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

Quantitation Report (Not Reviewed)

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Quant Time: Dec 13 07:03:17 2017
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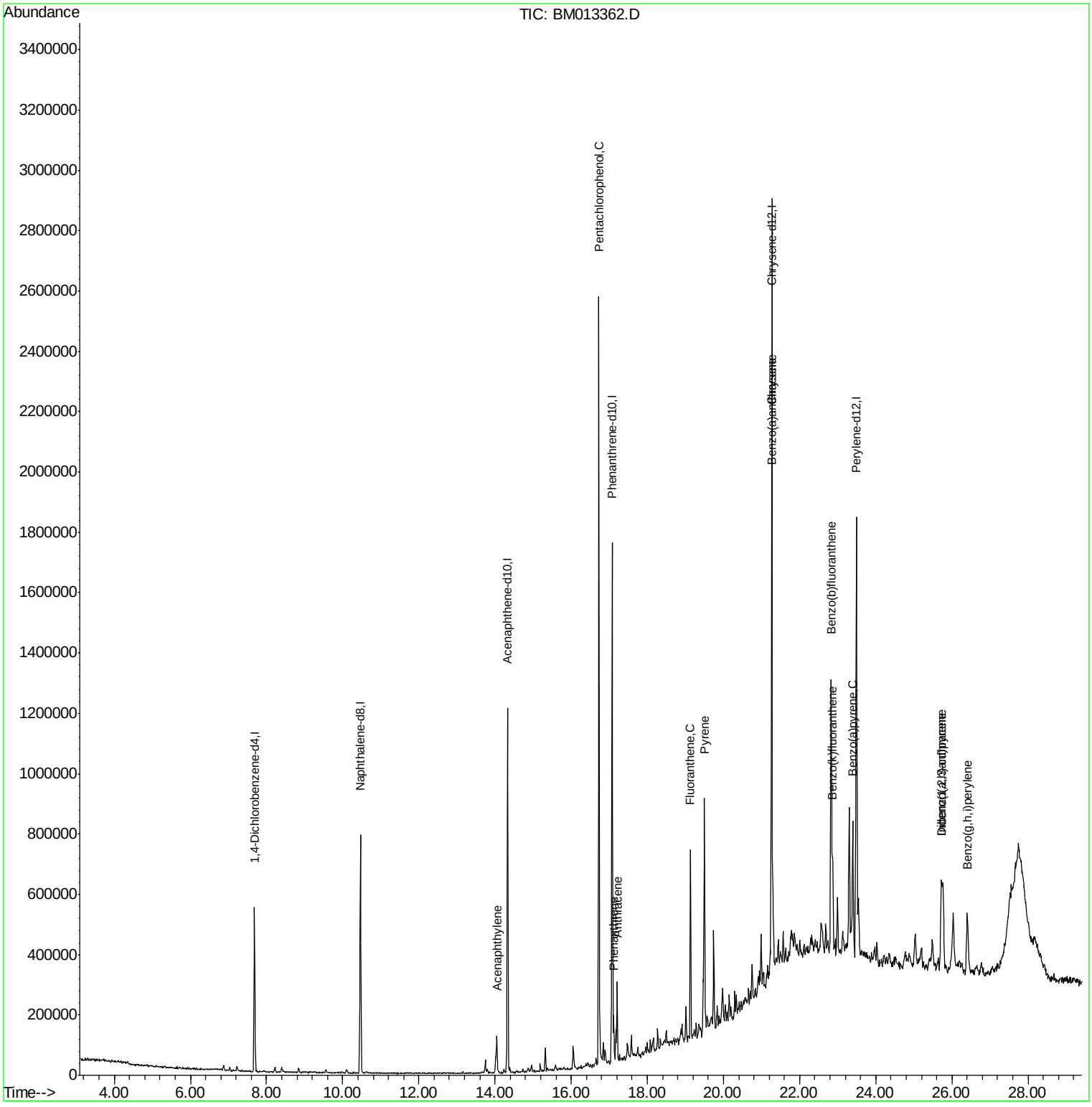
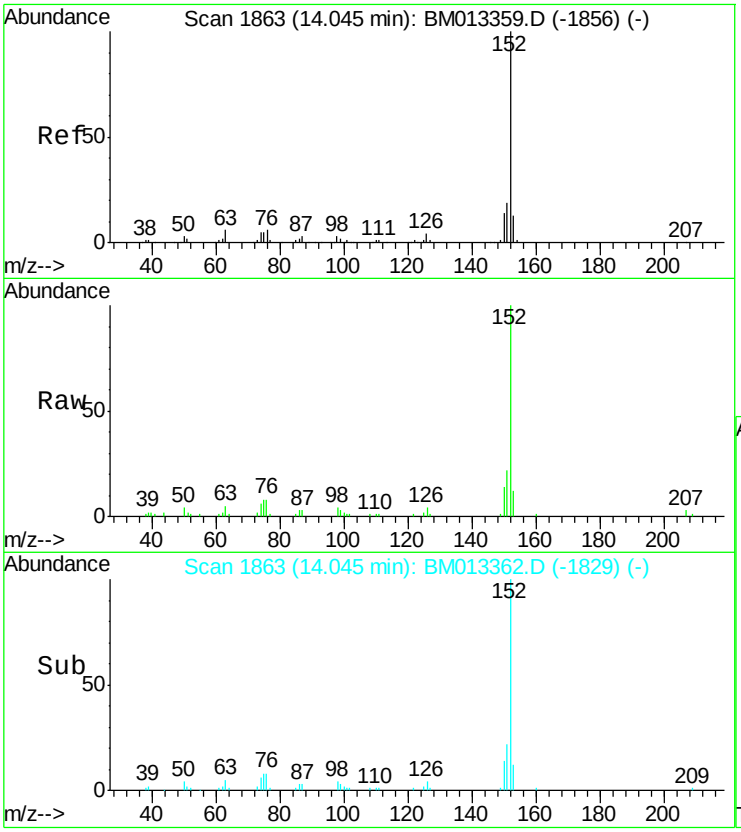
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 04:59:25 2017
Response via : Initial Calibration



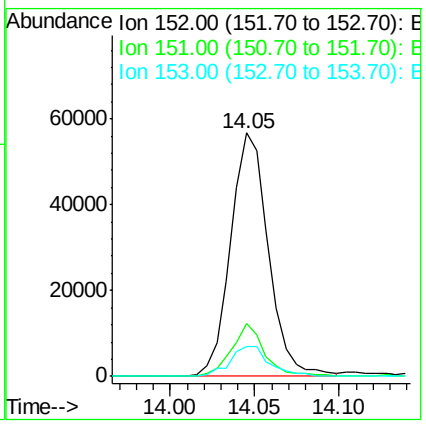


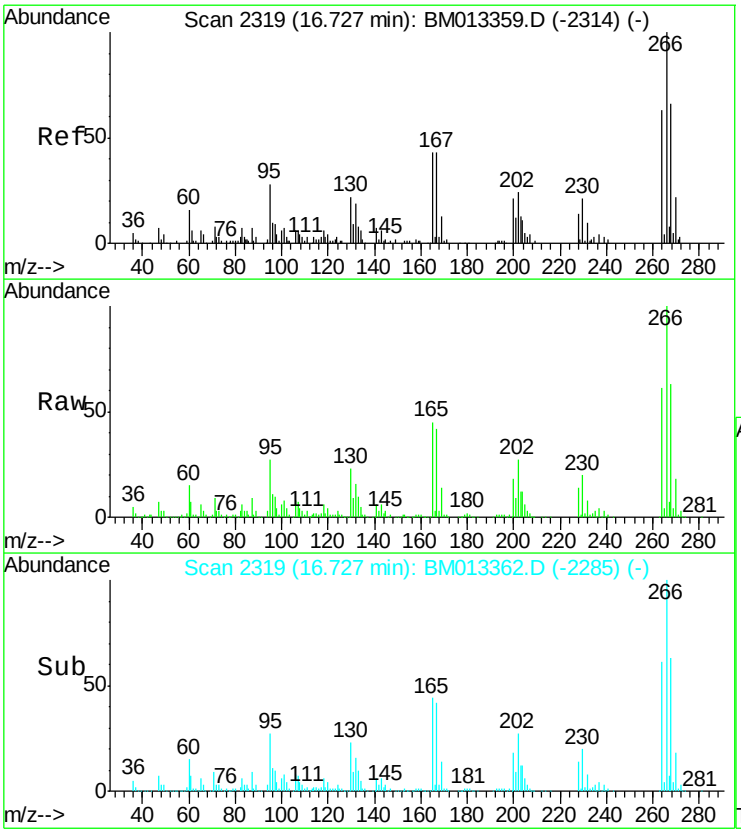
#47
Acenaphthylene
Concen: 2.303 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:152 Resp: 88321

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.3	24.5
153	12.1	10.2	15.4

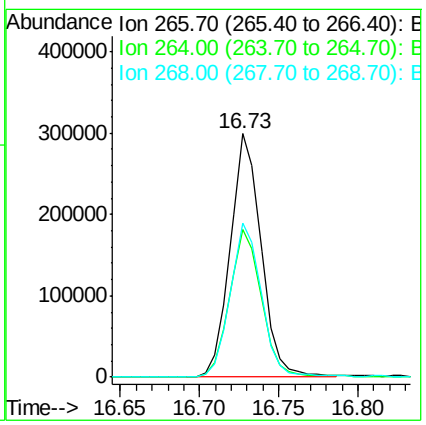


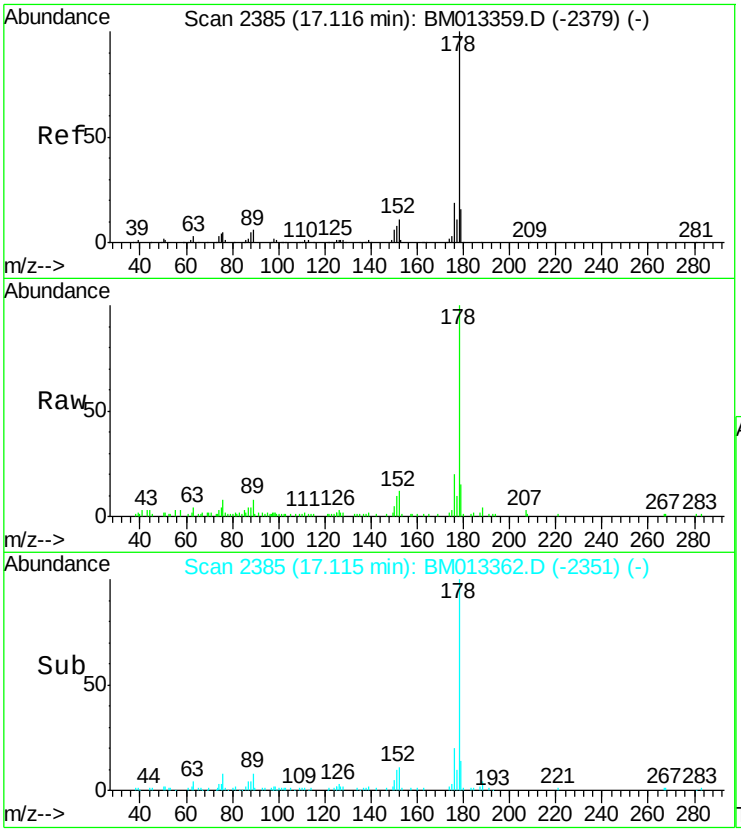


#68
Pentachlorophenol
Concen: 57.323 ng/ul
RT: 16.73 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:266 Resp: 405294

Ion	Ratio	Lower	Upper
266	100		
264	60.9	49.3	73.9
268	63.0	52.6	78.8



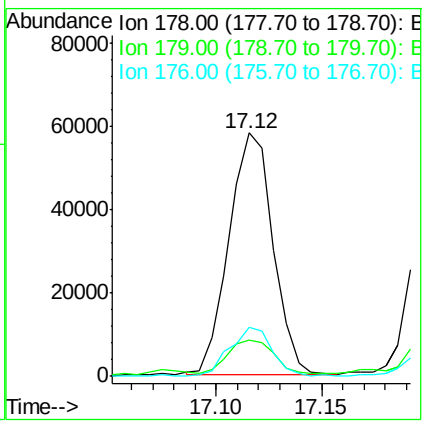


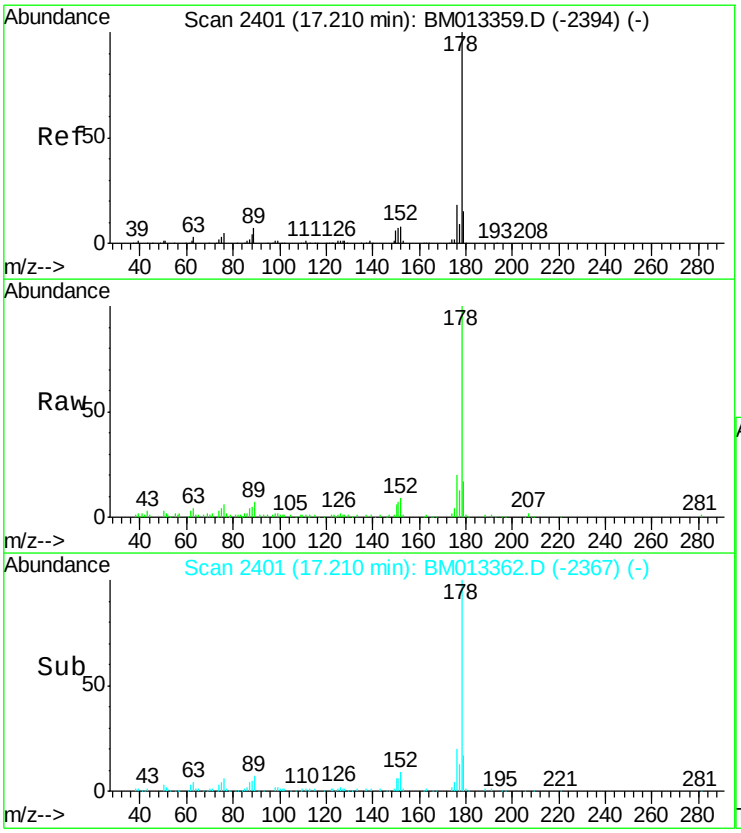
#69
Phenanthrene
Concen: 1.566 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:178 Resp: 83910

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	20.4	14.9	22.3

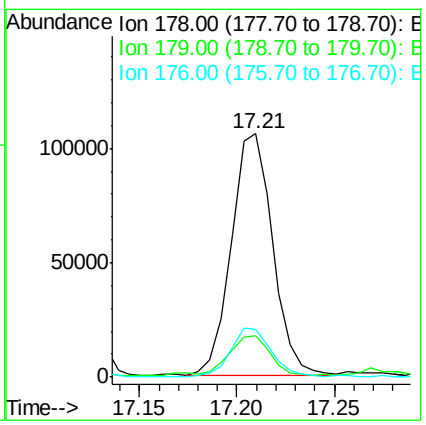


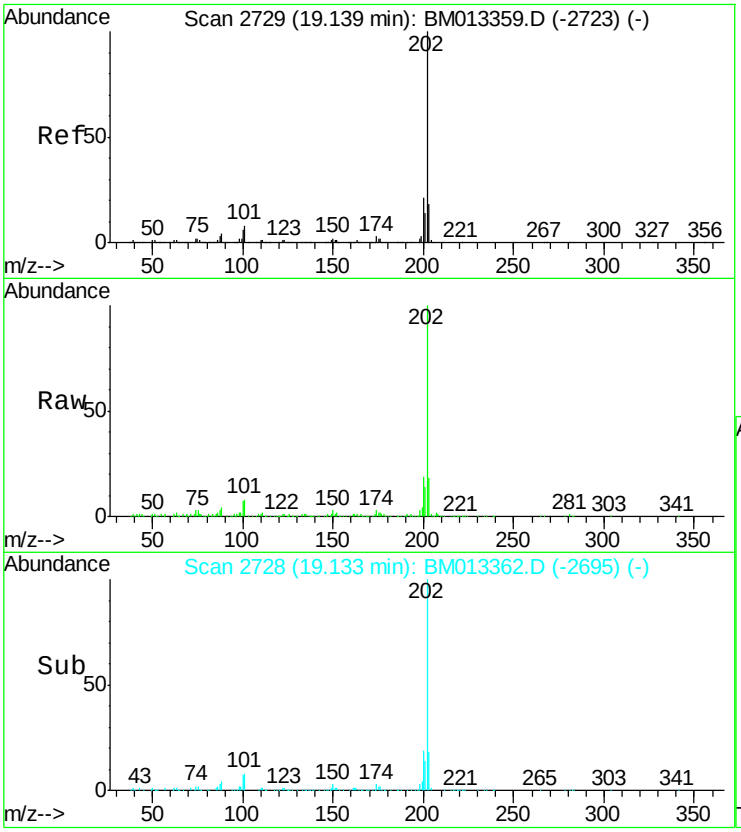


#71
Anthracene
Concen: 2.841 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:178 Resp: 155593

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	19.6	14.6	21.8



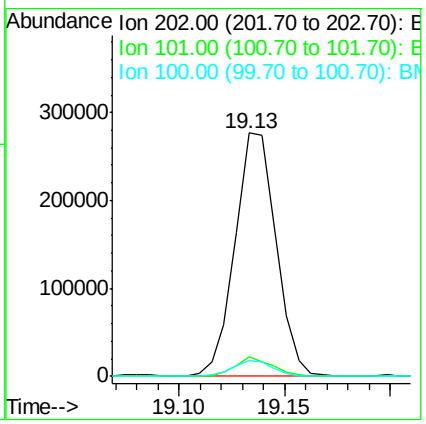


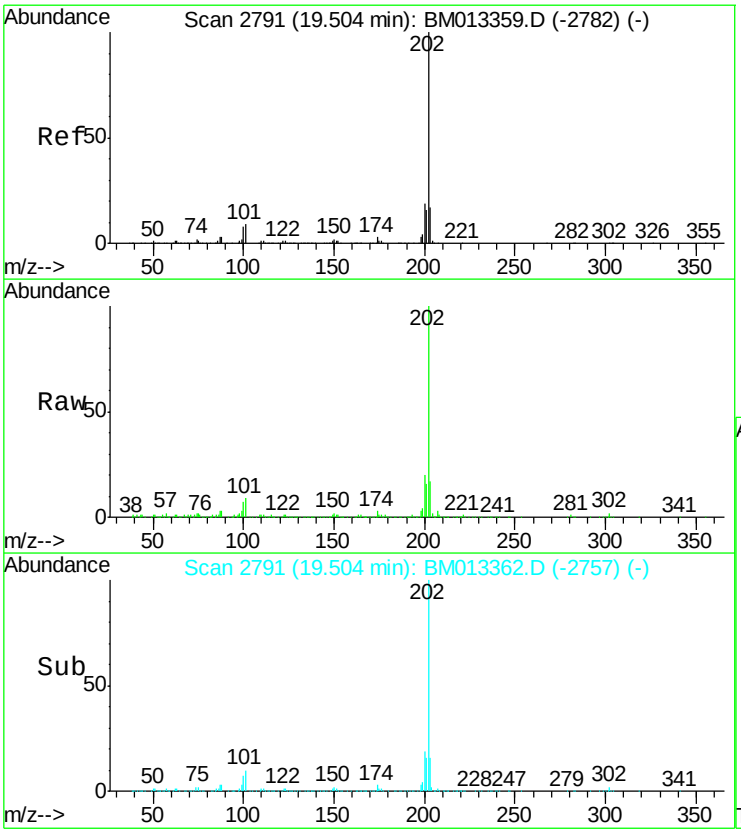
#74
Fluoranthene
Concen: 5.688 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:202 Resp: 373451

Ion	Ratio	Lower	Upper
202	100		
101	7.8	4.6	7.0#
100	6.6	3.4	5.2#

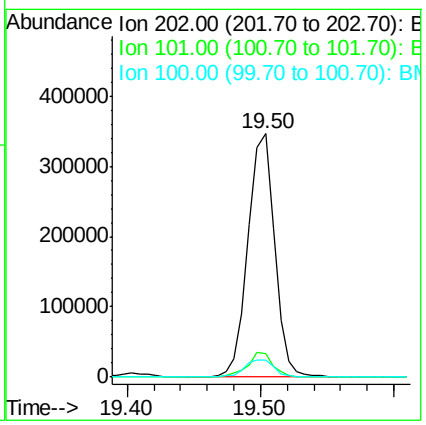


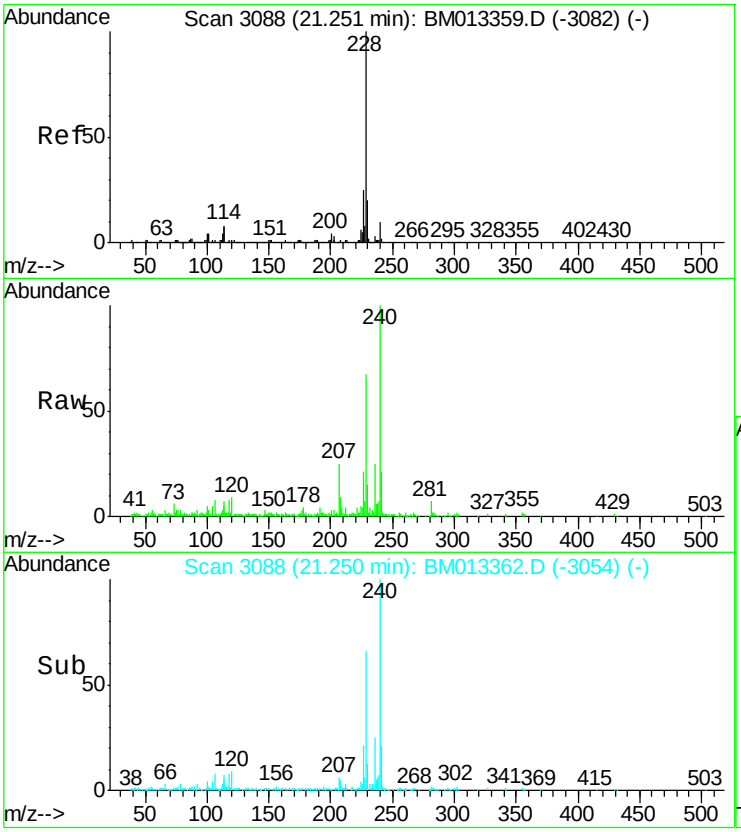


#77
Pyrene
Concen: 6.809 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:202 Resp: 476308

Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	6.8	4.9	7.3



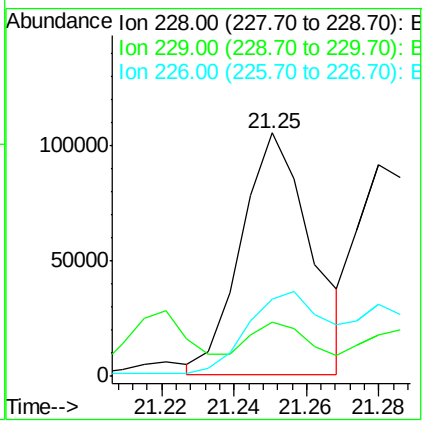


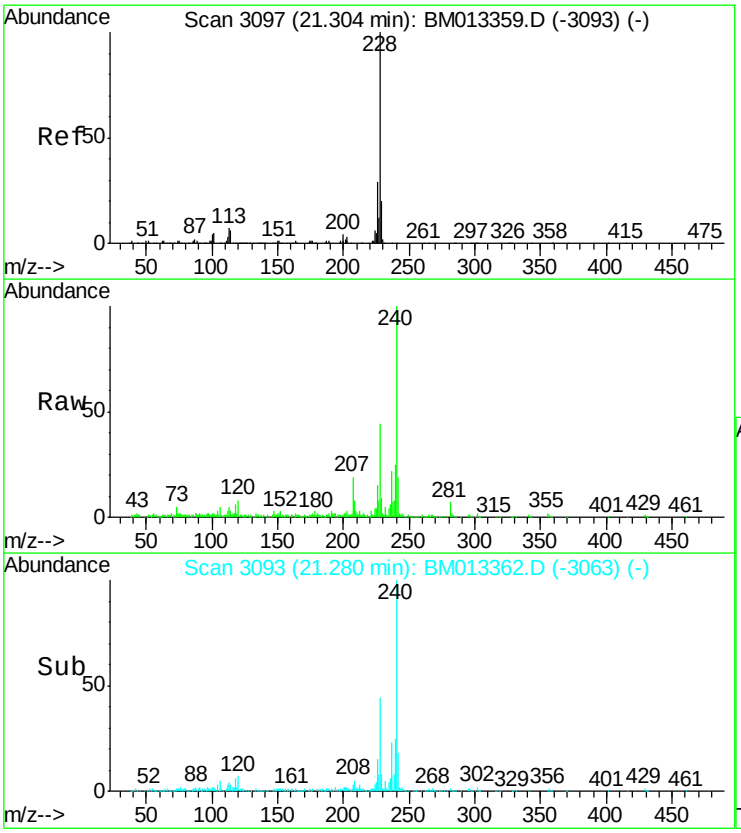
#80
Benzo(a)anthracene
Concen: 1.918 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:228 Resp: 140132

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.4	23.0
226	31.9	21.4	32.0

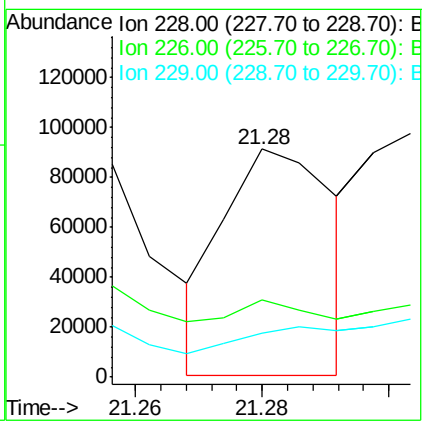


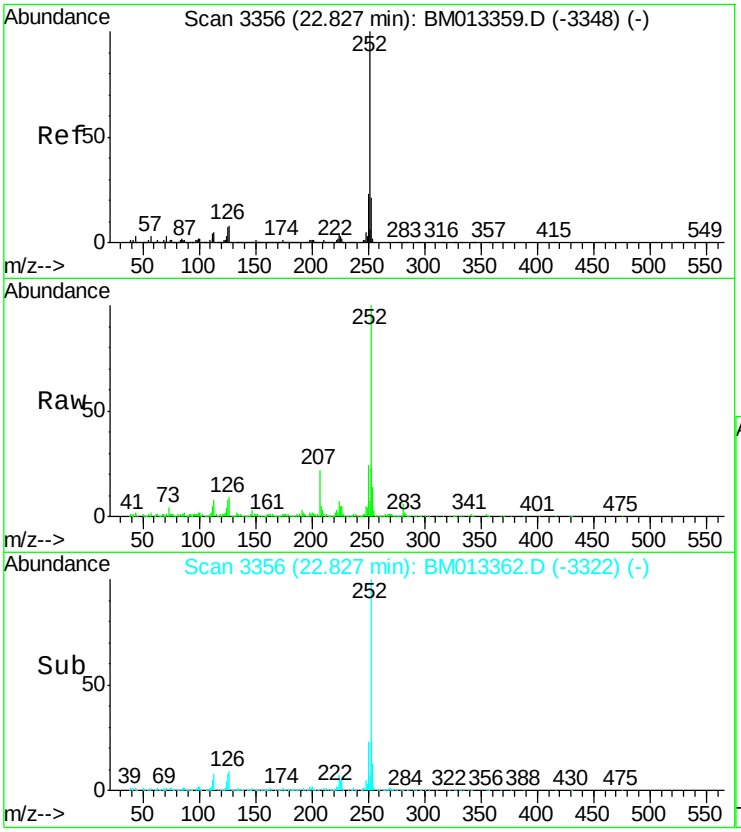


#82
Chrysene
Concen: 1.615 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:228 Resp: 109460

Ion	Ratio	Lower	Upper
228	100		
226	34.0	23.4	35.2
229	19.3	15.5	23.3



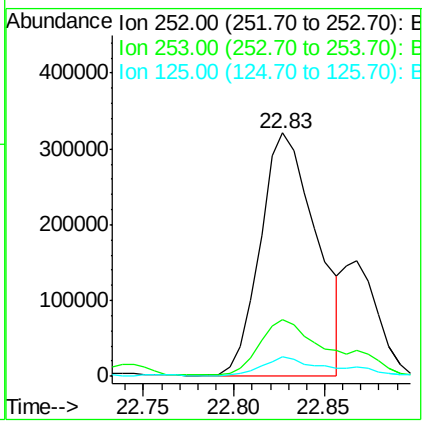


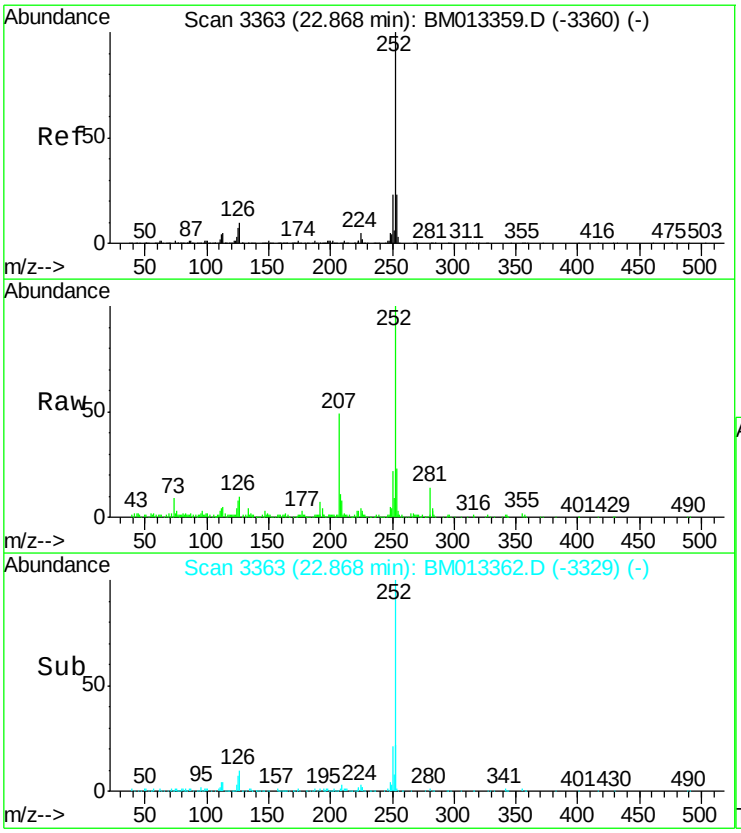
#85
Benzo(b)fluoranthene
Concen: 9.934 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:252 Resp: 692029

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	8.1	3.6	5.4#

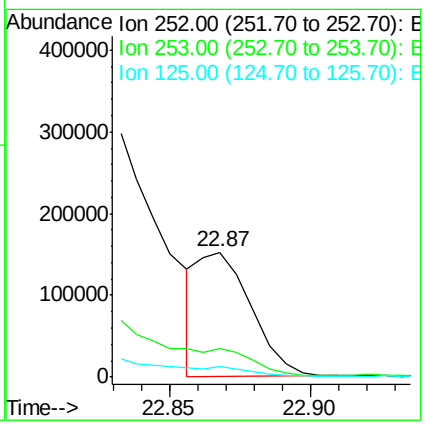


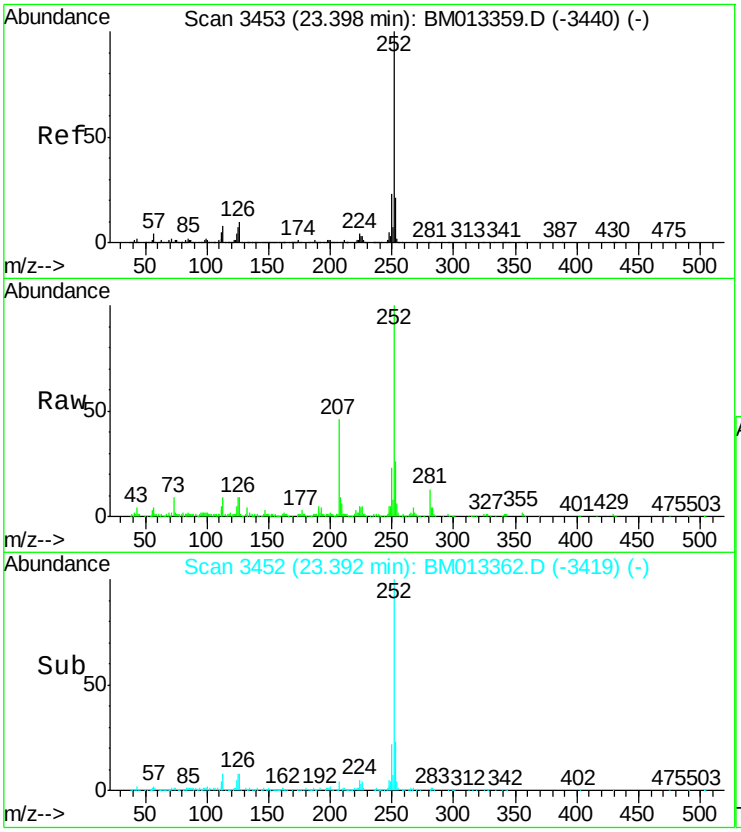


#86
Benzo(k)fluoranthene
Concen: 2.999 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. -0.00 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:252 Resp: 196590

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.4	3.4	5.2#



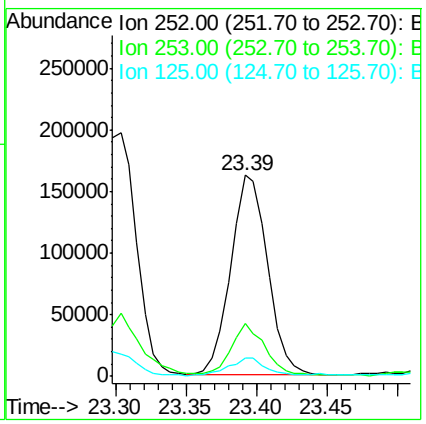


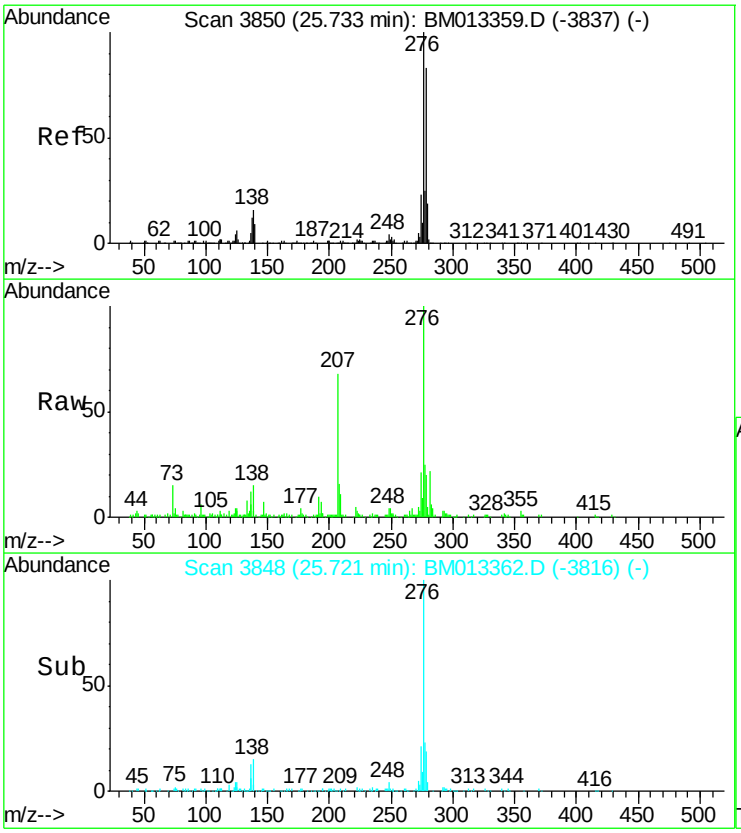
#88
Benzo(a)pyrene
Concen: 4.740 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:252 Resp: 296596

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.2	27.2
125	9.3	4.0	6.0#

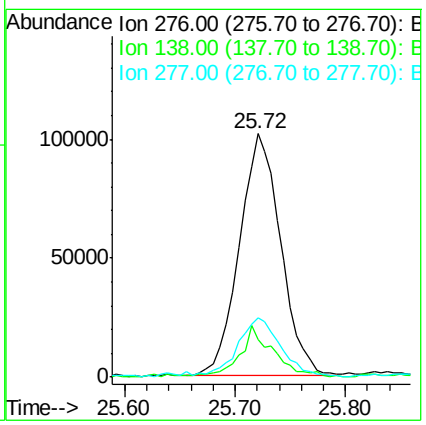


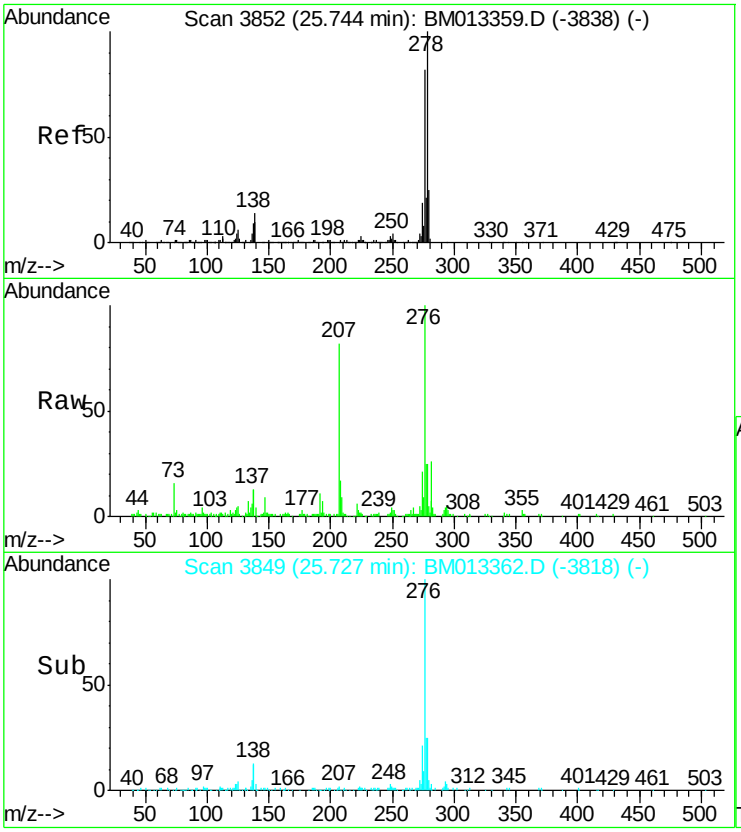


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.301 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:276 Resp: 267059

Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	24.6	19.9	29.9



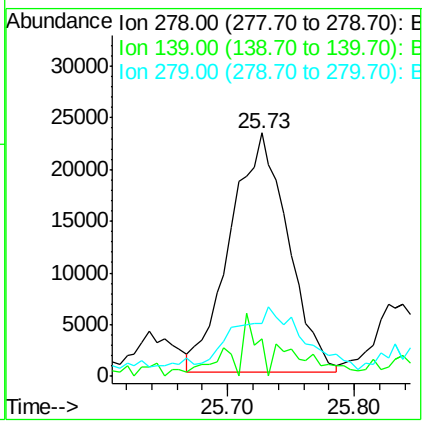


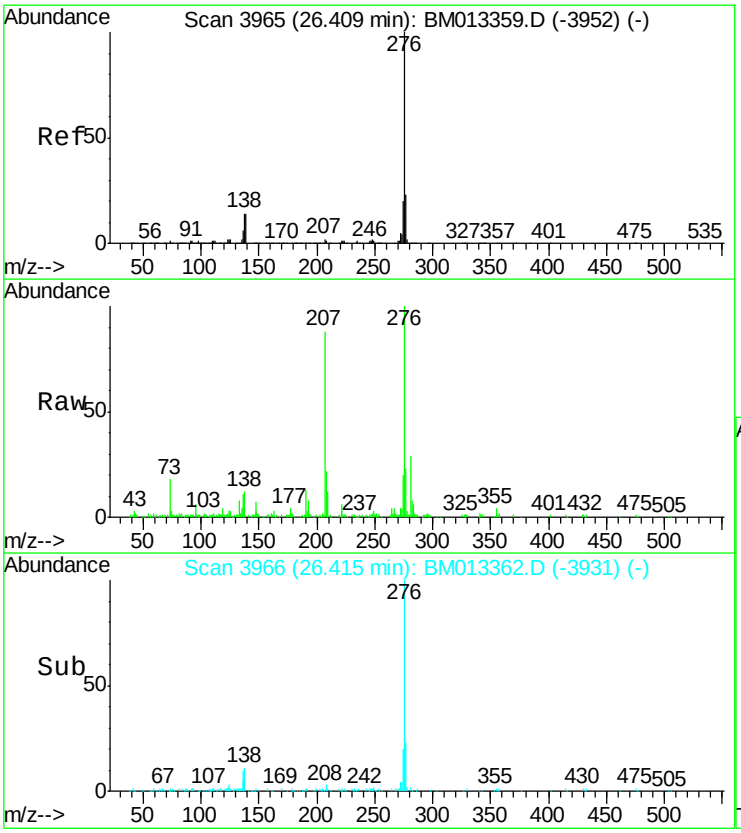
#90
Dibenzo(a,h)anthracene
Concen: 1.384 ng/ul
RT: 25.73 min Scan# 3849
Delta R.T. -0.02 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Instrument :
BNA_M
ClientSampleId :
F9A18DL

Tgt Ion:278 Resp: 73191

Ion	Ratio	Lower	Upper
278	100		
139	15.5	5.8	8.8#
279	21.7	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 4.963 ng/ul
RT: 26.41 min Scan# 3966
Delta R.T. 0.01 min
Lab File: BM013362.D
Acq: 13 Dec 2017 05:47

Tgt Ion:276 Resp: 243077

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.5	12.7
277	23.4	18.6	28.0