Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\

Quantitation Report (Not Reviewed)

Data File : BM013946.D
Acq On : 29 Jan 2018 05:24
Operator : SJ/JU
Sample : J1244-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F6B45

Quant Time: Jan 29 06:11:29 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	194626	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	796651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	452686	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	909961	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	748099	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	769084	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	11676	2.37	ng/uL	0.00
5) Phenol-d5	6.76	99	298729	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	188531	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	256035	21.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	255513	22.25	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	131697	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	144396	22.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	279407	22.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	245285	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	884526	23.71	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1088617	22.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	80965	13.35	ng/ul	0.00
57) Fluorene-d10	15.23	176	732759	22.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	93095	17.00	ng/ul	0.00
70) Anthracene-d10	17.09	188	1018273	22.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	979329	28.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	849524	24.03	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.79	94	44419	2.96	ng/ul#	87
44) Dimethylphthalate	13.70	163	247499	6.75	ng/ul	96
68) Pentachlorophenol	16.64	266	62124	10.11	ng/ul	97
74) Fluoranthene	19.05	202	178616	2.96	ng/ul#	98
77) Pyrene	19.42	202	158026	3.47	ng/ul#	97
85) Benzo(b)fluoranthene	22.73	252	78925	1.67	ng/ul#	81
86) Benzo(k)fluoranthene	22.73	252	78925	1.73	ng/ul#	79
91) Benzo(g,h,i)perylene	26.23	276	46392	1.07	ng/ul#	94

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

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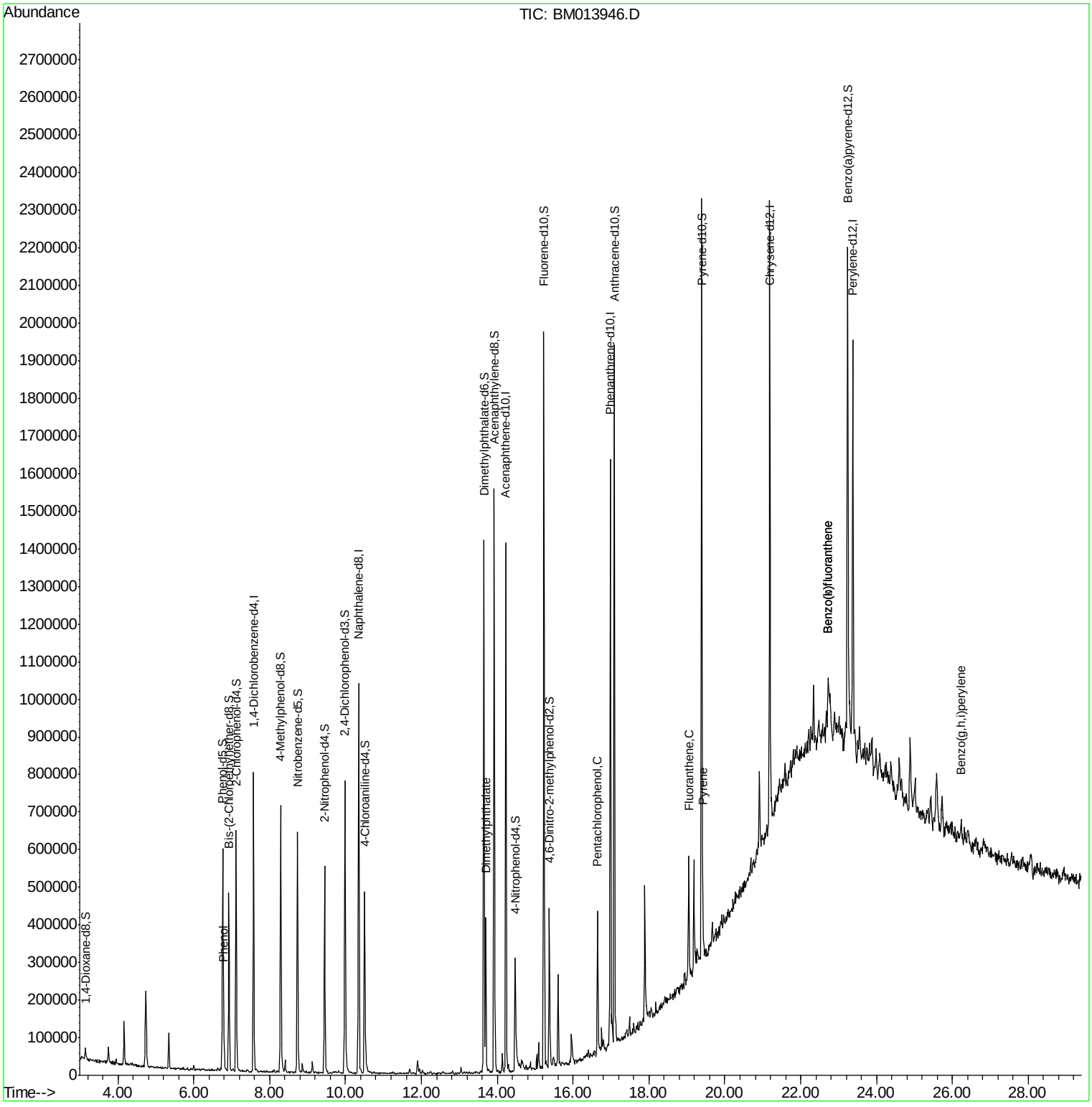
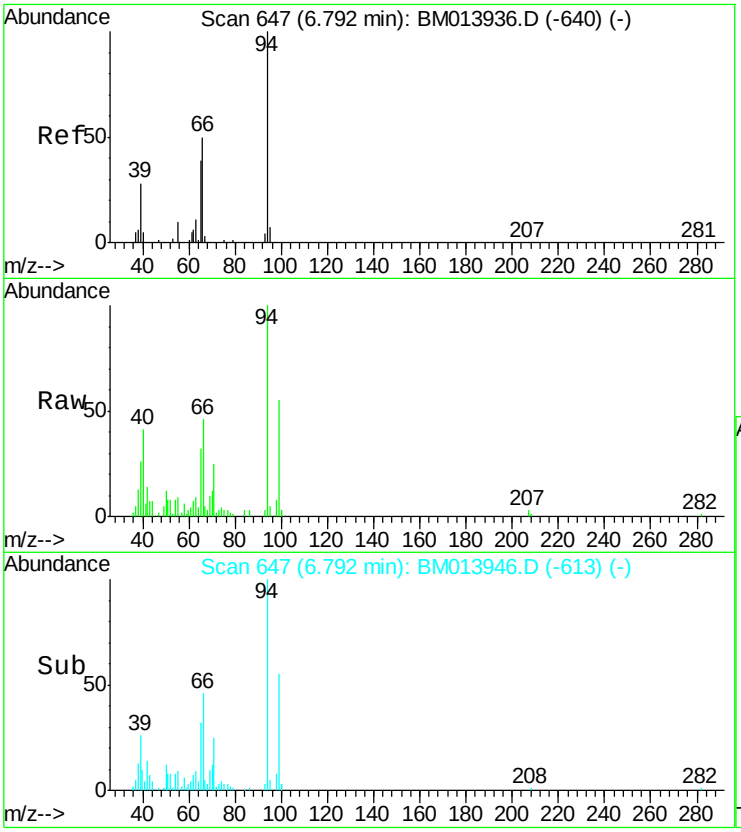


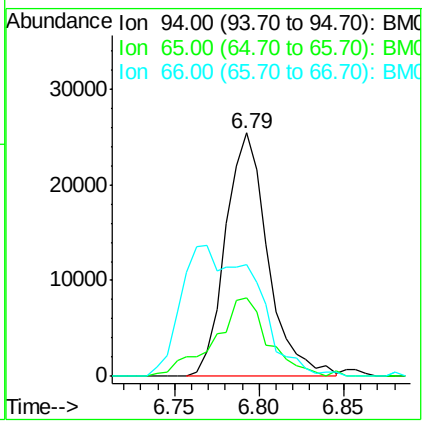


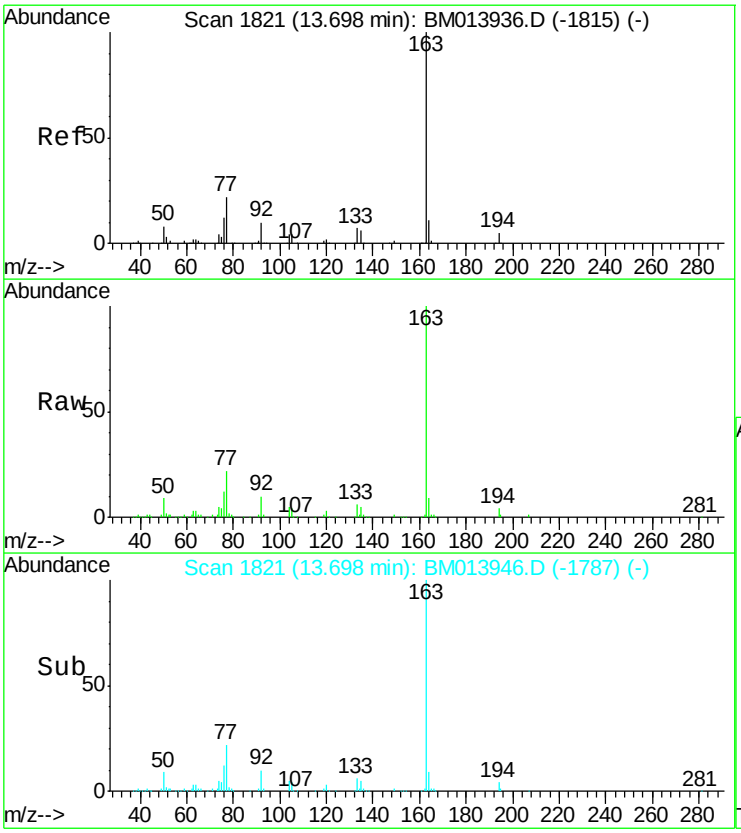
#6
Phenol
Concen: 2.96 ng/ul
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Instrument :
BNA_M
ClientSampleId :
F6B45

Tgt Ion: 94 Resp: 44419

Ion	Ratio	Lower	Upper
94	100		
65	32.2	28.2	42.4
66	46.2	47.2	70.8#

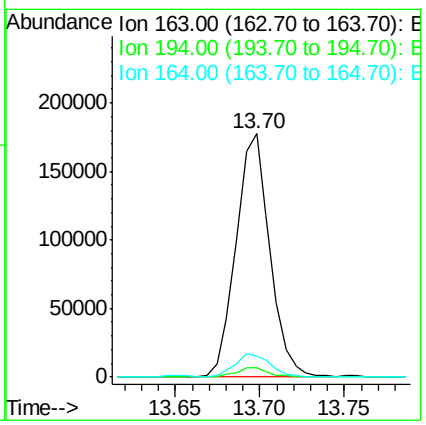


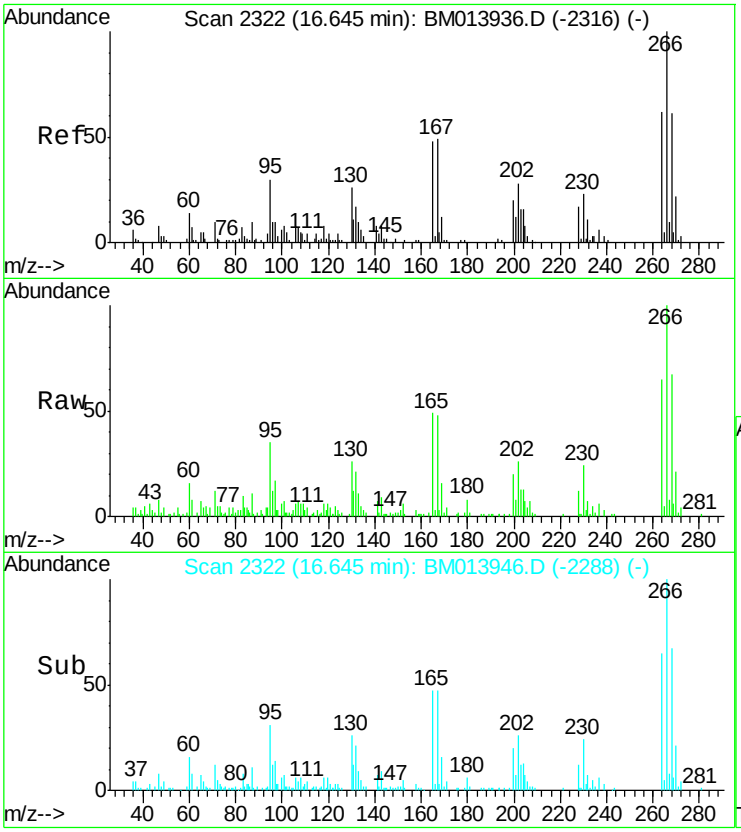


#44
Dimethylphthalate
Concen: 6.75 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Tgt Ion:163 Resp: 247499

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	8.7	8.2	12.4



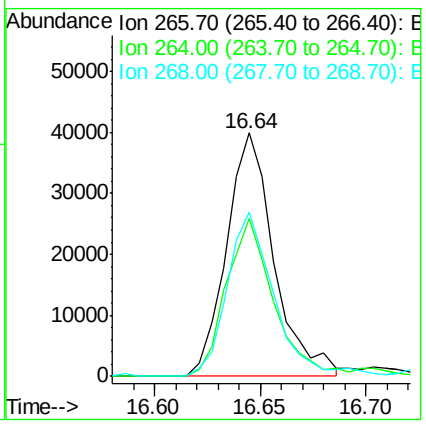


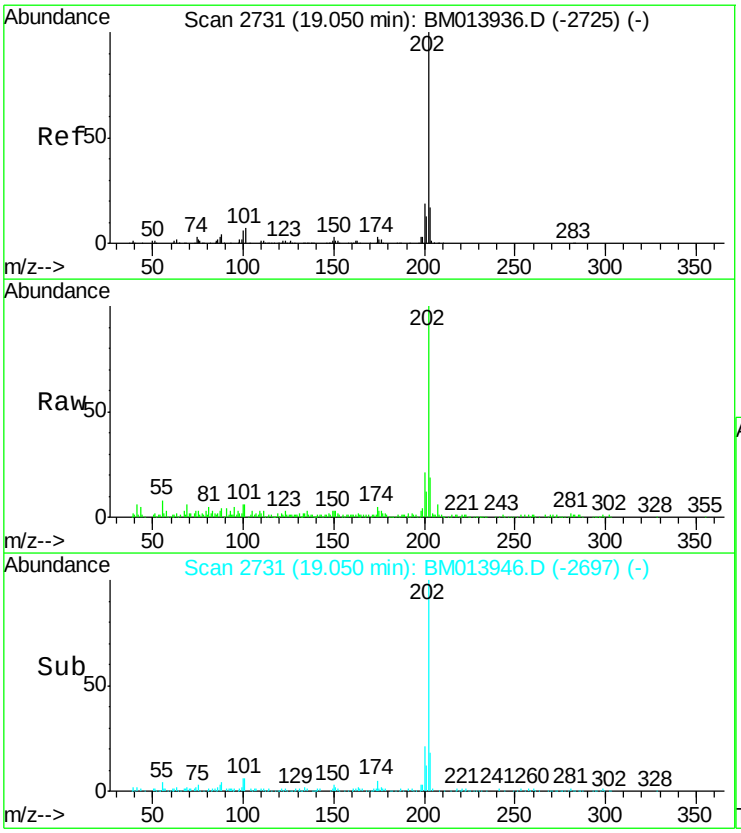
#68
Pentachlorophenol
Concen: 10.11 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Instrument :
BNA_M
ClientSampleId :
F6B45

Tgt Ion:266 Resp: 62124

Ion	Ratio	Lower	Upper
266	100		
264	65.1	49.3	73.9
268	67.3	52.6	78.8

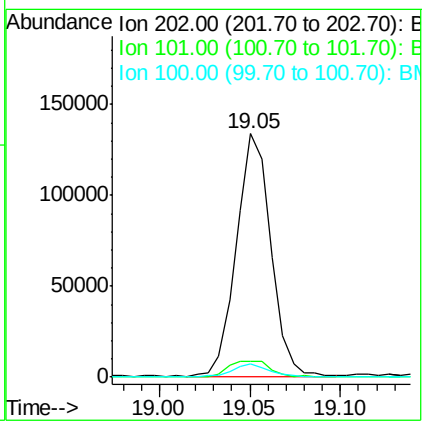


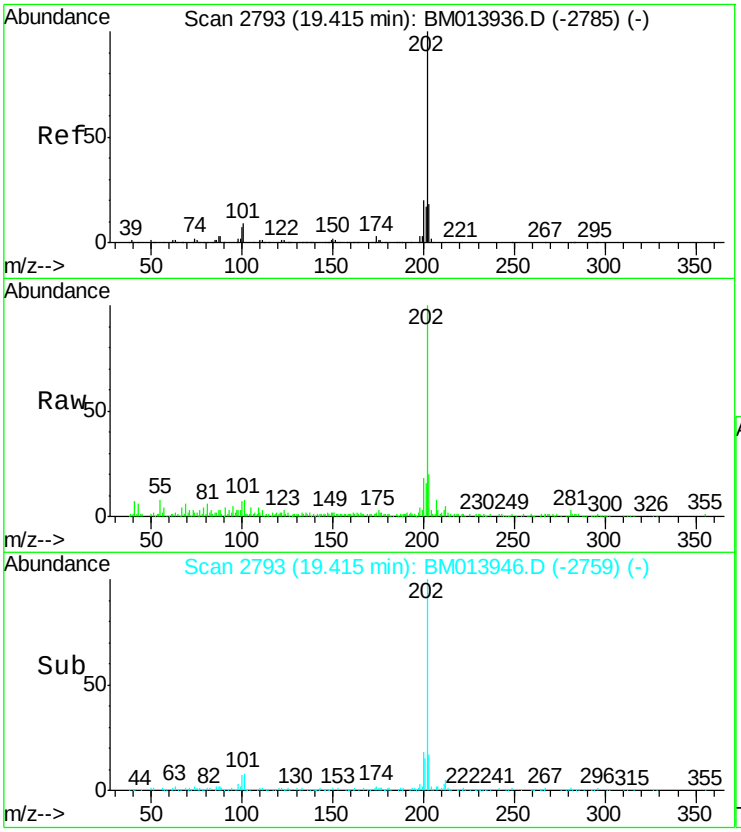


#74
Fluoranthene
Concen: 2.96 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. 0.00 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Tgt Ion:202 Resp: 178616

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.6	7.0
100	5.5	3.4	5.2#



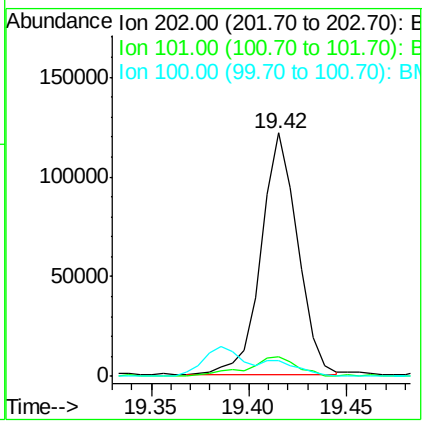


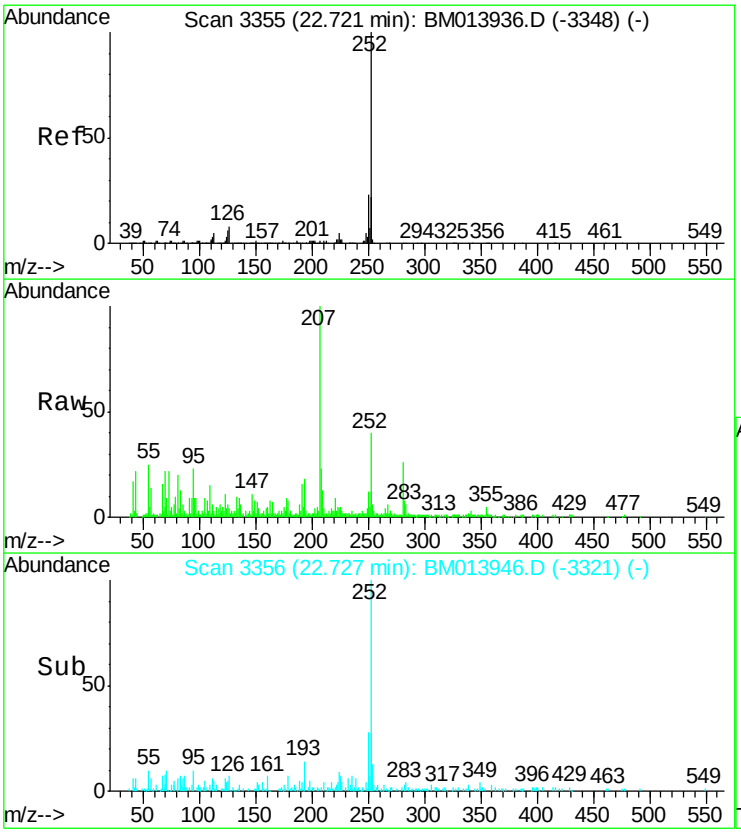
#77
Pyrene
Concen: 3.47 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. 0.00 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Instrument :
BNA_M
ClientSampleId :
F6B45

Tgt Ion:202 Resp: 158026

Ion	Ratio	Lower	Upper
202	100		
101	8.0	5.1	7.7#
100	6.6	4.9	7.3

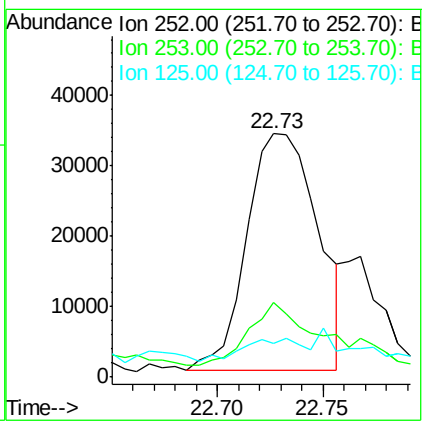


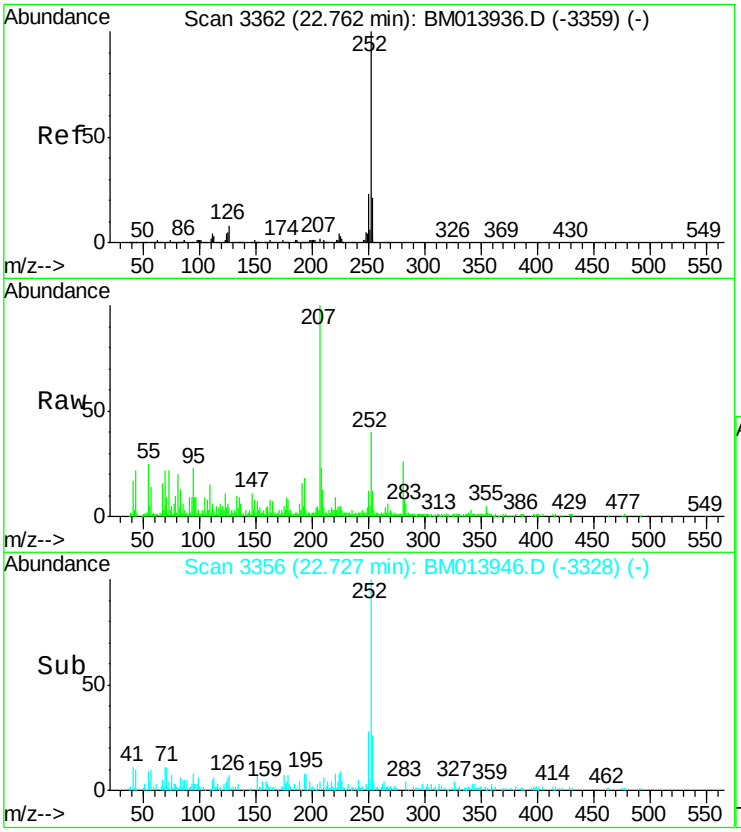


#85
Benzo(b)fluoranthene
Concen: 1.67 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Tgt Ion:252 Resp: 78925

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.9	26.9#
125	14.0	3.6	5.4#



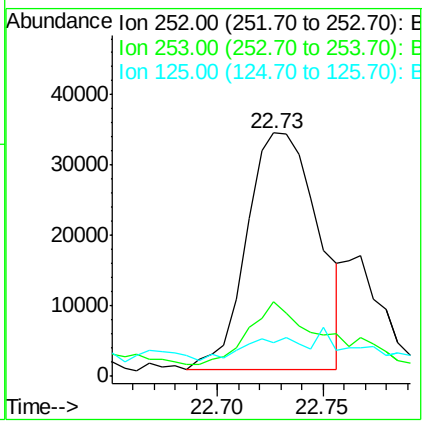


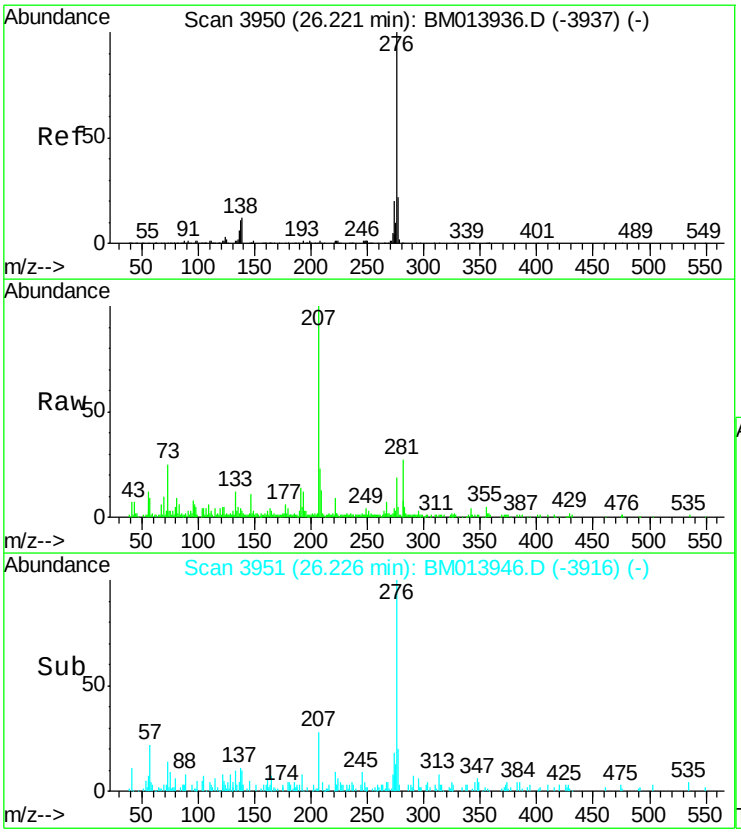
#86
Benzo(k)fluoranthene
Concen: 1.73 ng/ul
RT: 22.73 min Scan# 3356
Delta R.T. -0.04 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Instrument :
BNA_M
ClientSampleId :
F6B45

Tgt Ion:252 Resp: 78925

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.1	25.7#
125	14.0	3.4	5.2#





#91
Benzo(g,h,i)perylene
Concen: 1.07 ng/ul
RT: 26.23 min Scan# 3951
Delta R.T. 0.01 min
Lab File: BM013946.D
Acq: 29 Jan 2018 05:24

Tgt Ion:276 Resp: 46392

Ion	Ratio	Lower	Upper
276	100		
138	14.9	8.5	12.7#
277	24.9	18.6	28.0