Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013441.D
Acq On : 15 Dec 2017 16:08
Operator : SJ/JU
Sample : I6758-11DL 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 15 17:21:20 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	194834	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	842222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	505399	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1129692	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1192242	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	962852	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	2949	0.75	ng/uL	0.00
5) Phenol-d5	6.85	99	59071	3.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	39652	4.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	50237	3.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	50630	3.52	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	26492	3.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	26550	3.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	46713	3.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	25806	1.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	173459	3.86	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	209853	3.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	14212	1.82	ng/ul	0.01
57) Fluorene-d10	15.32	176	145848	3.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	14832	2.09	ng/ul	0.00
70) Anthracene-d10	17.16	188	233413	4.13	ng/ul	0.00
76) Pyrene-d10	19.46	212	256851	4.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	179332	3.66	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	275919	5.372	ng/ul	98
68) Pentachlorophenol	16.72	266	36740	4.338	ng/ul	91
71) Anthracene	17.20	178	273362	4.167	ng/ul	99
74) Fluoranthene	19.13	202	377437	4.799	ng/ul#	94
77) Pyrene	19.49	202	476525	6.579	ng/ul#	93
80) Benzo(a)anthracene	21.29	228	438519	5.797	ng/ul	95
82) Chrysene	21.29	228	438519	6.249	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	1109461	17.093	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	1109461	18.163	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	558512	9.579	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	701397	12.124	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.71	278	183273	3.720	ng/ul#	83
91) Benzo(g,h,i)perylene	26.39	276	703691	15.420	ng/ul#	92

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

Quantitation Report (Not Reviewed)

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BNA_M
ClientSampleId :

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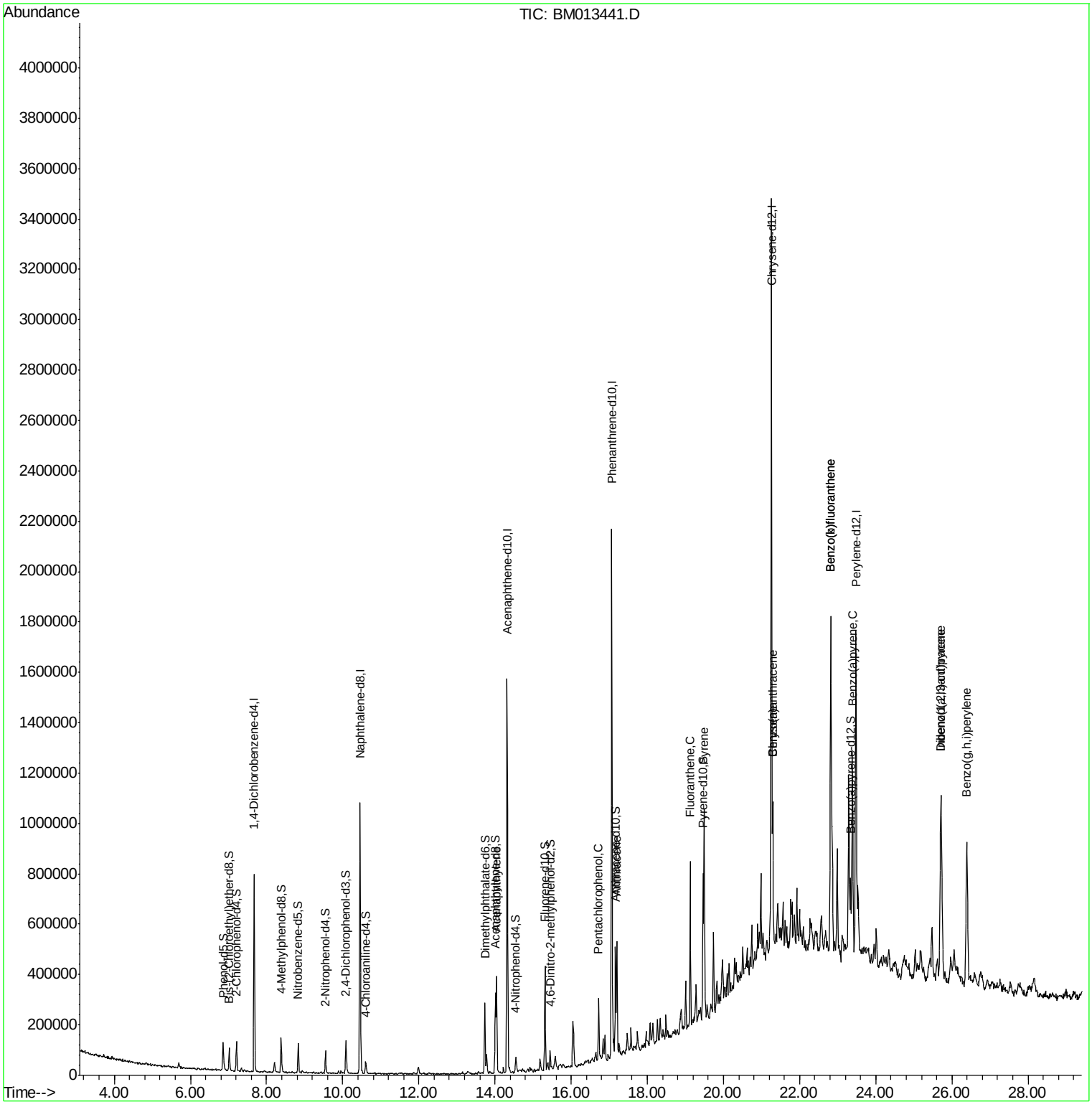
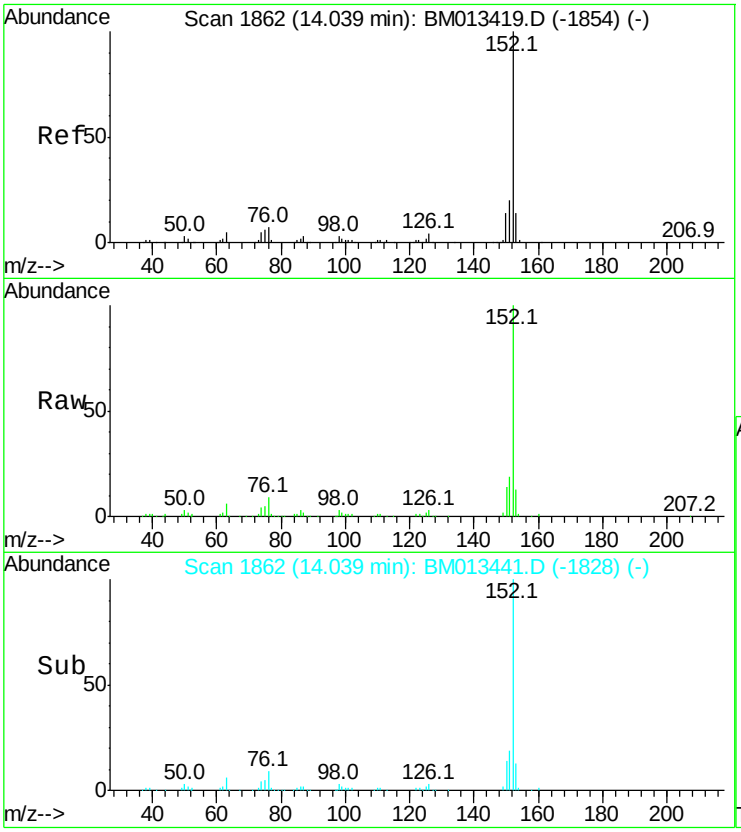
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration



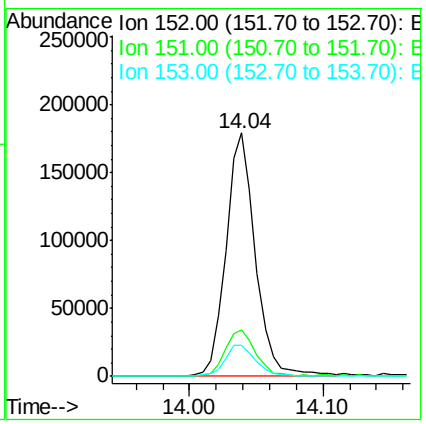


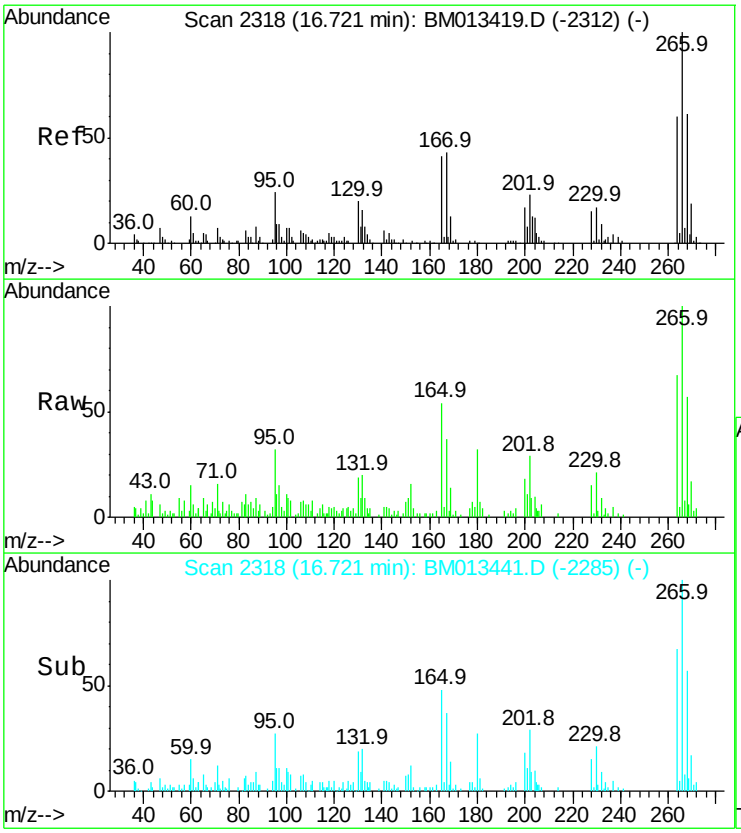
#47
Acenaphthylene
Concen: 5.372 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 275919

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	12.9	10.2	15.4

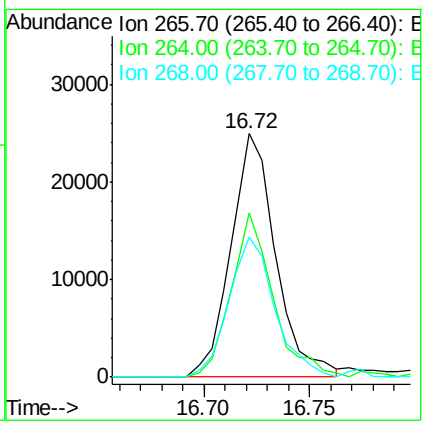


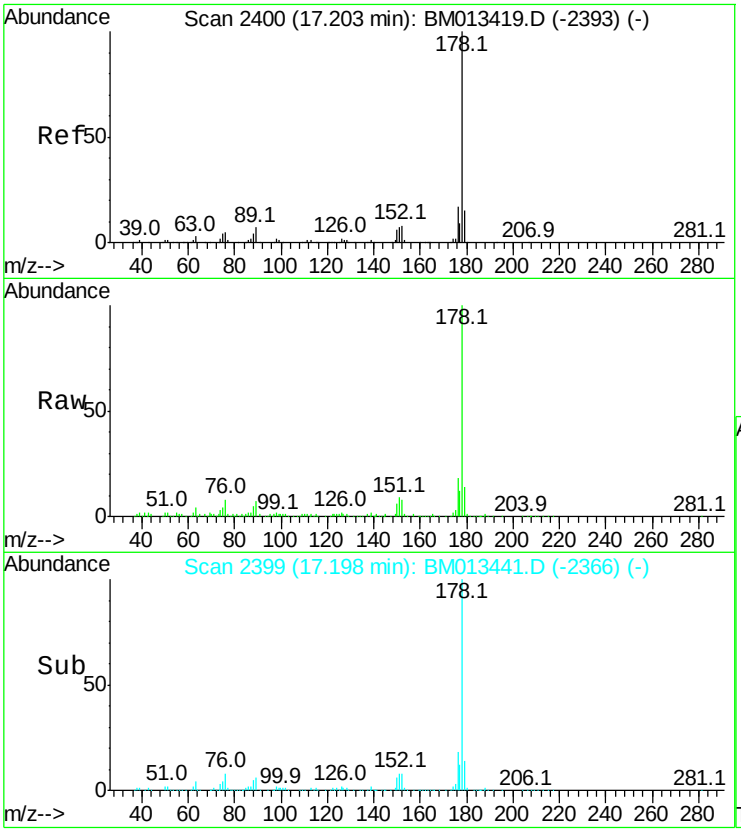


#68
Pentachlorophenol
Concen: 4.338 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:266 Resp: 36740

Ion	Ratio	Lower	Upper
266	100		
264	67.4	49.3	73.9
268	57.4	52.6	78.8



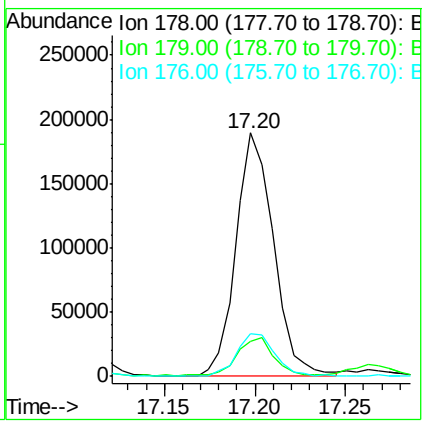


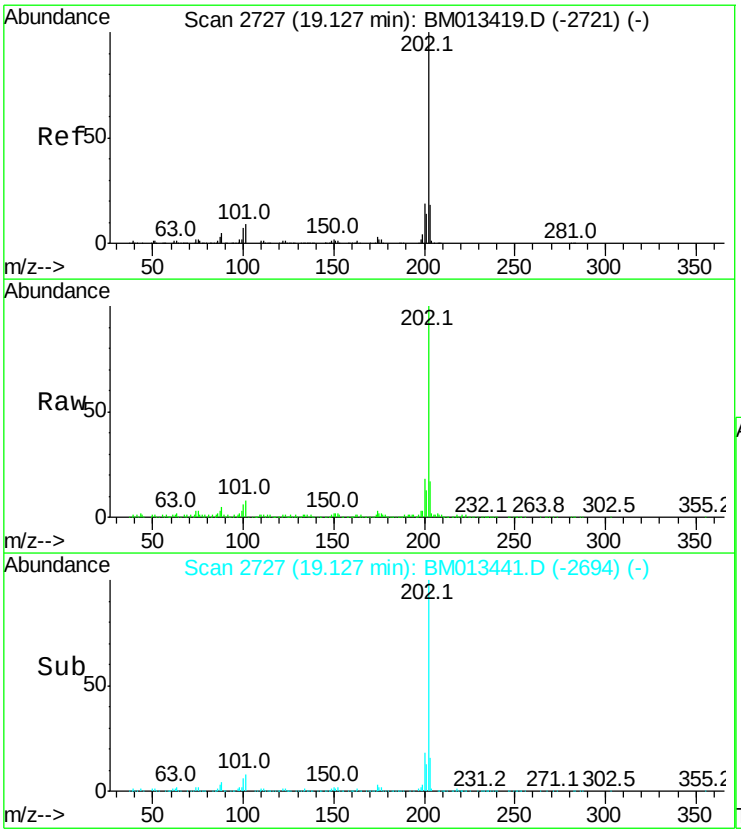
#71
Anthracene
Concen: 4.167 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 273362

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.7	17.5
176	17.5	14.6	21.8

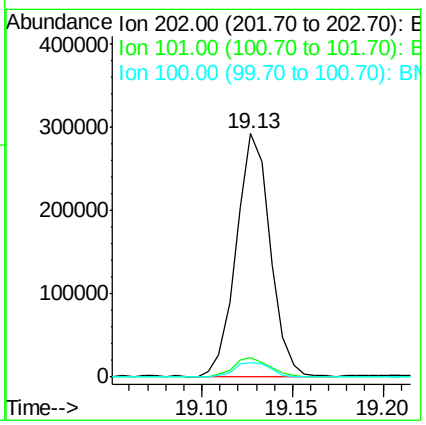


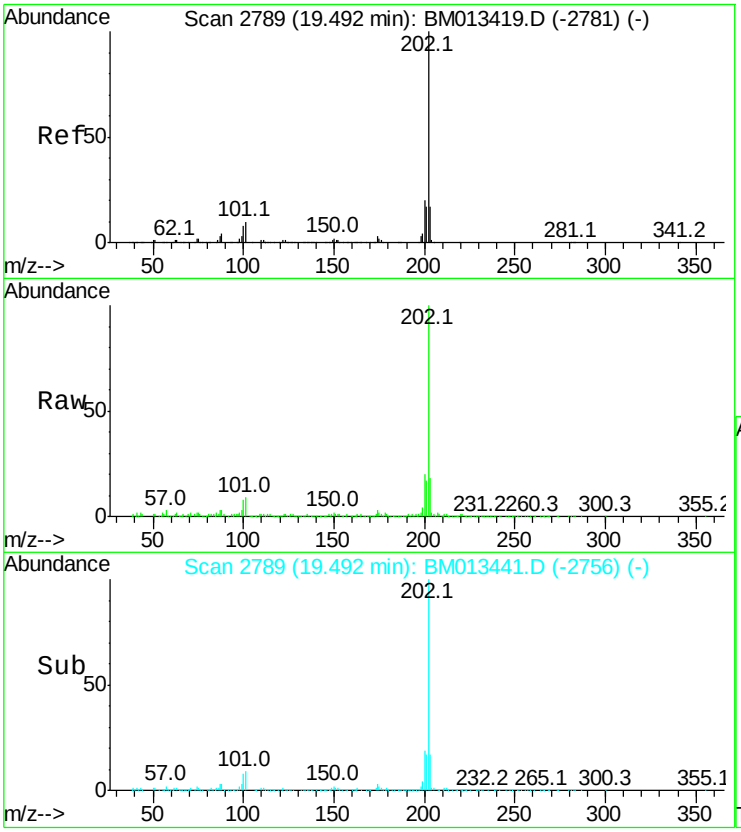


#74
Fluoranthene
Concen: 4.799 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:202 Resp: 377437

Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.0	3.4	5.2#



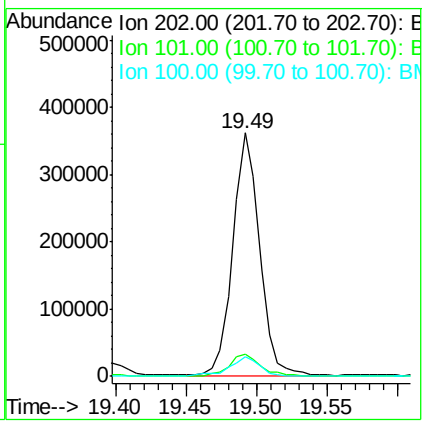


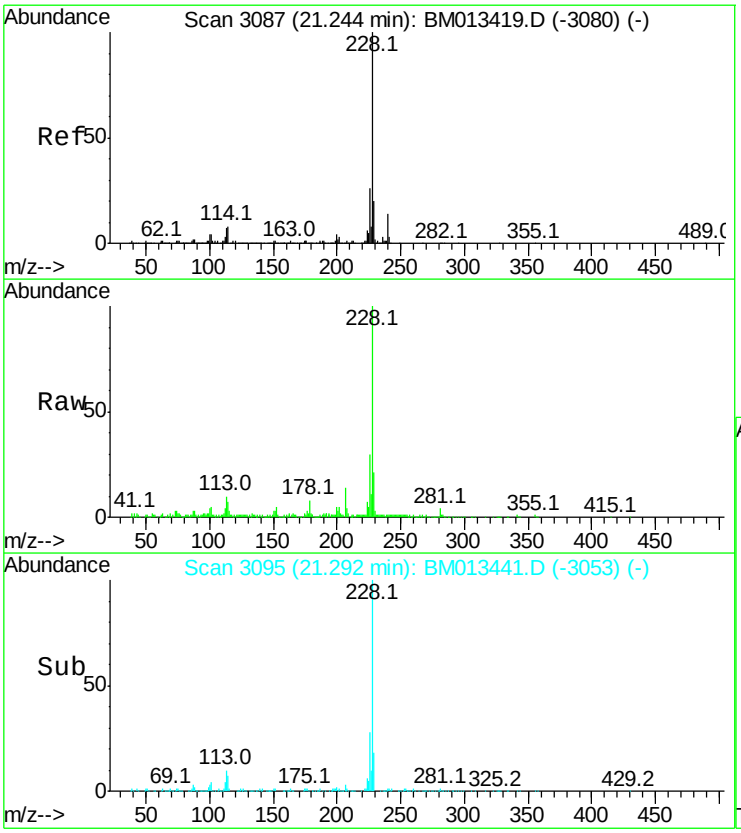
#77
Pyrene
Concen: 6.579 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 476525

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	8.1	4.9	7.3#

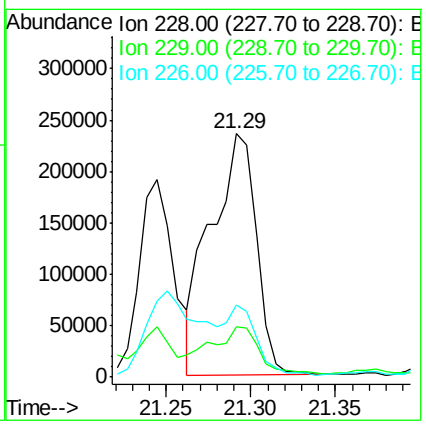


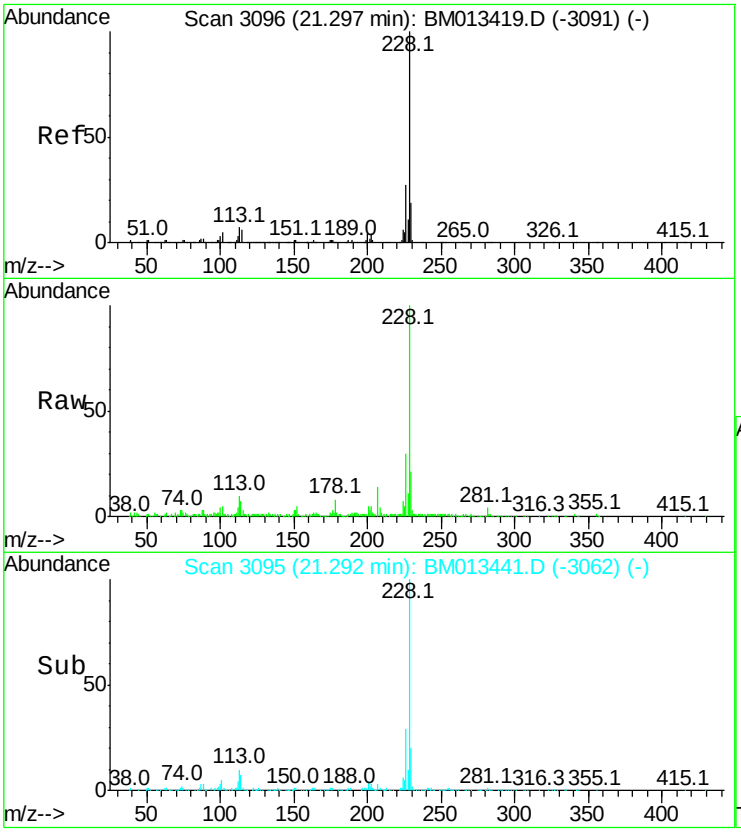


#80
Benzo(a)anthracene
Concen: 5.797 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. 0.05 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:228 Resp: 438519

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.4	23.0
226	29.6	21.4	32.0



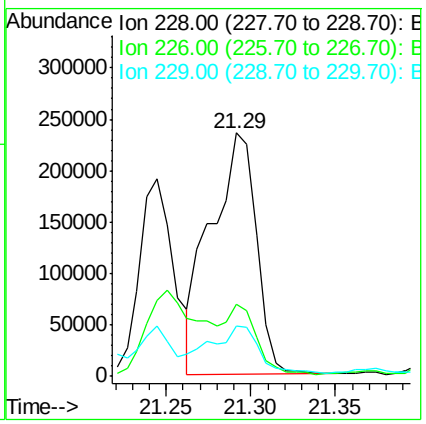


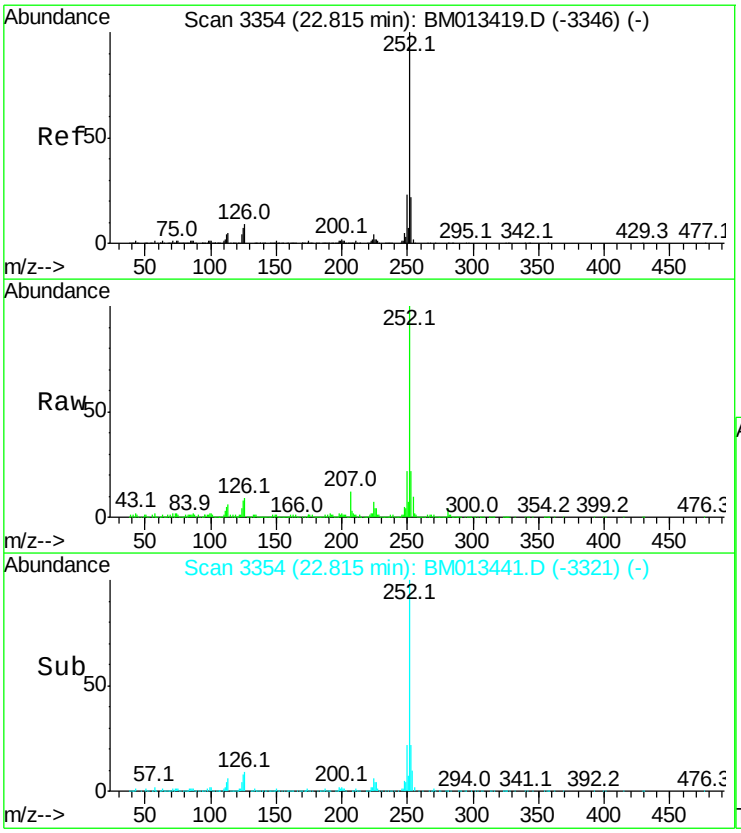
#82
Chrysene
Concen: 6.249 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 438519

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	20.8	15.5	23.3

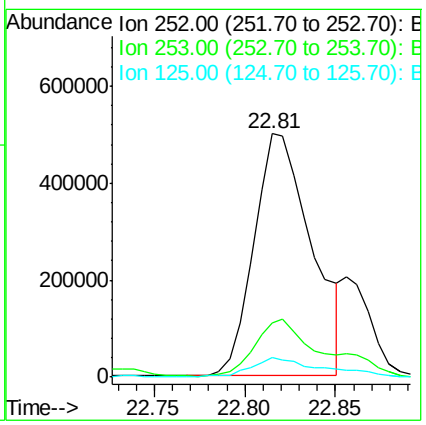


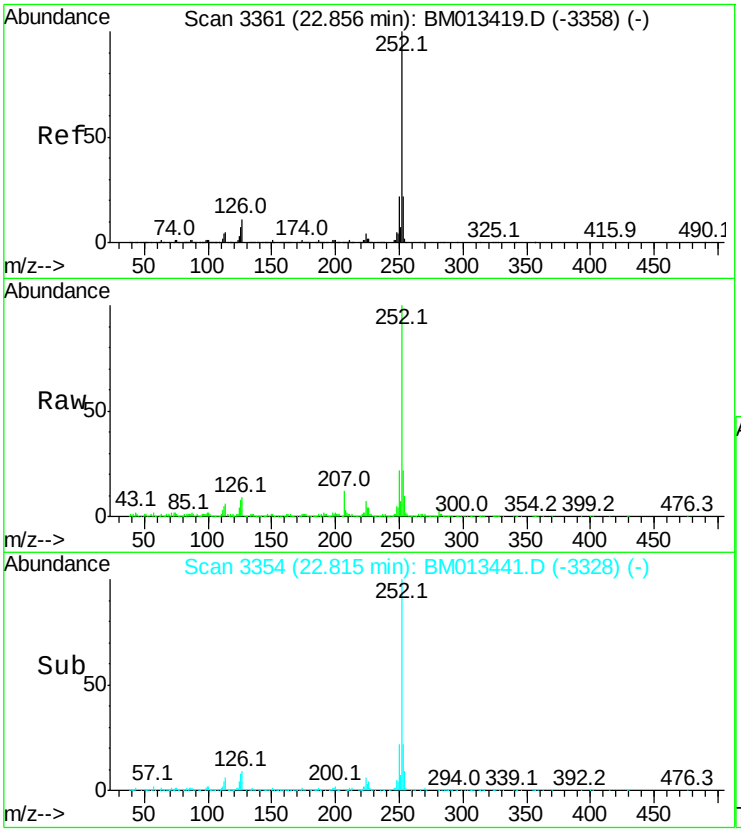


#85
Benzo(b)fluoranthene
Concen: 17.093 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:252 Resp: 1109461

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.1	3.6	5.4#



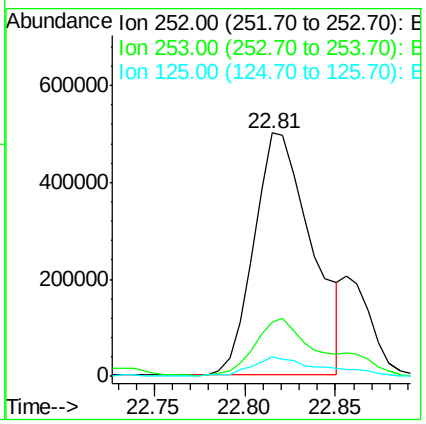


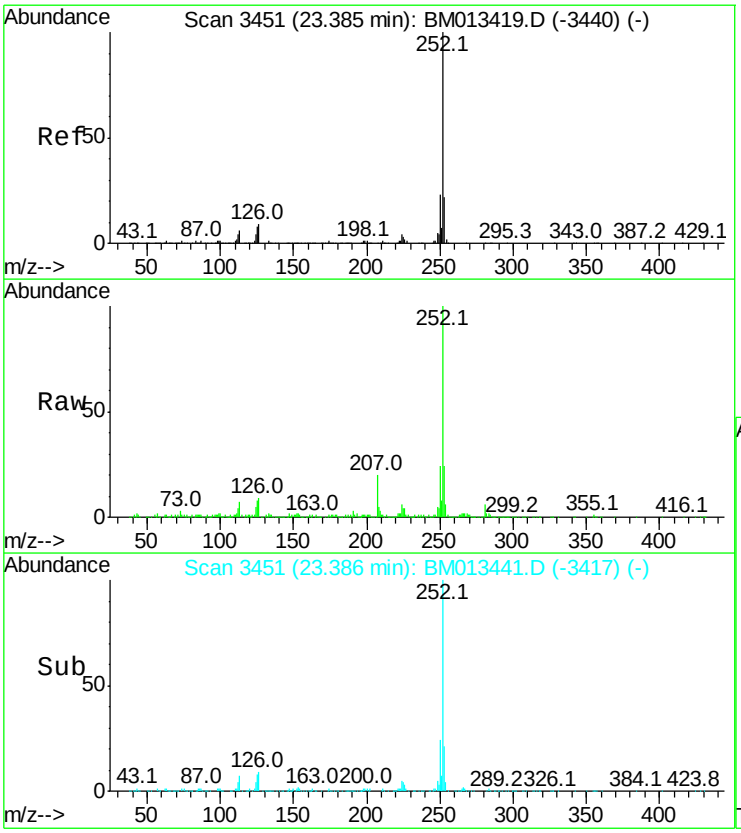
#86
Benzo(k)fluoranthene
Concen: 18.163 ng/ul
RT: 22.81 min Scan# 3354
Delta R.T. -0.05 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1109461

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	8.1	3.4	5.2#

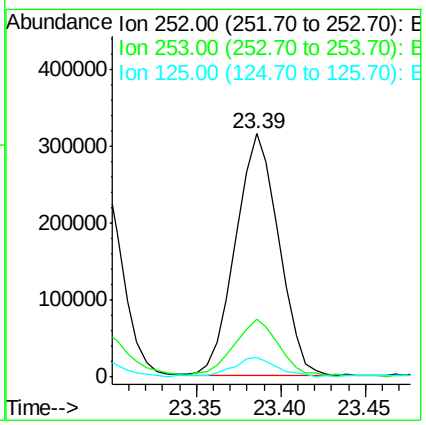


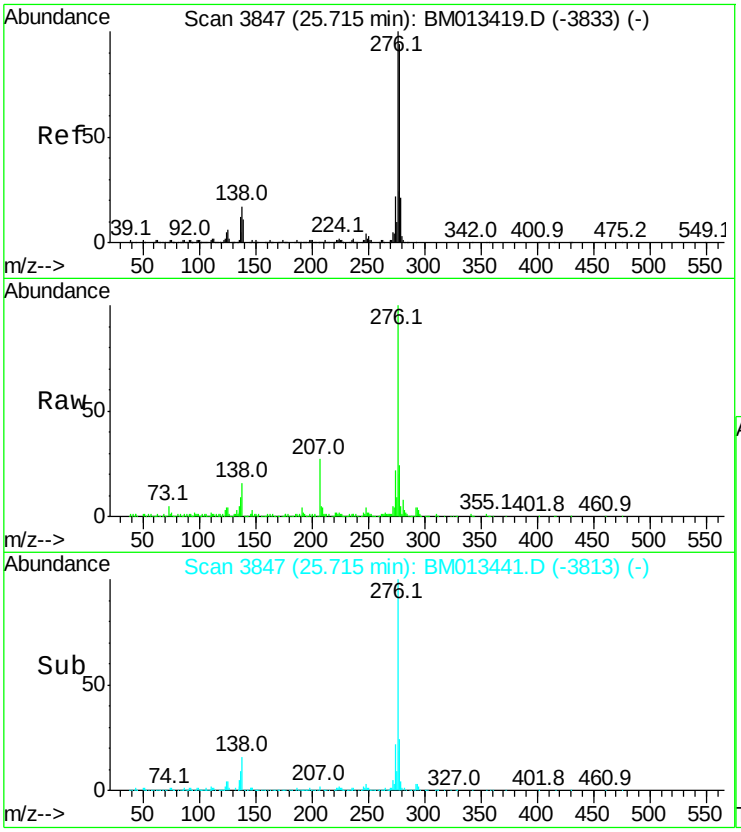


#88
Benzo(a)pyrene
Concen: 9.579 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:252 Resp: 558512

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.2
125	8.1	4.0	6.0#



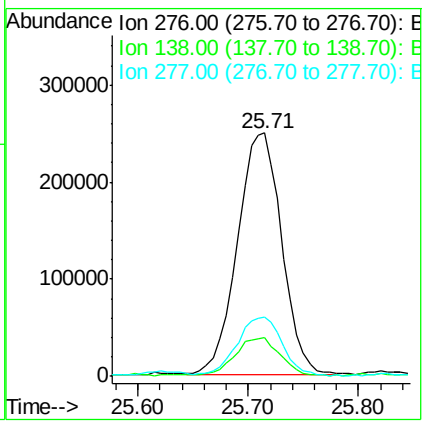


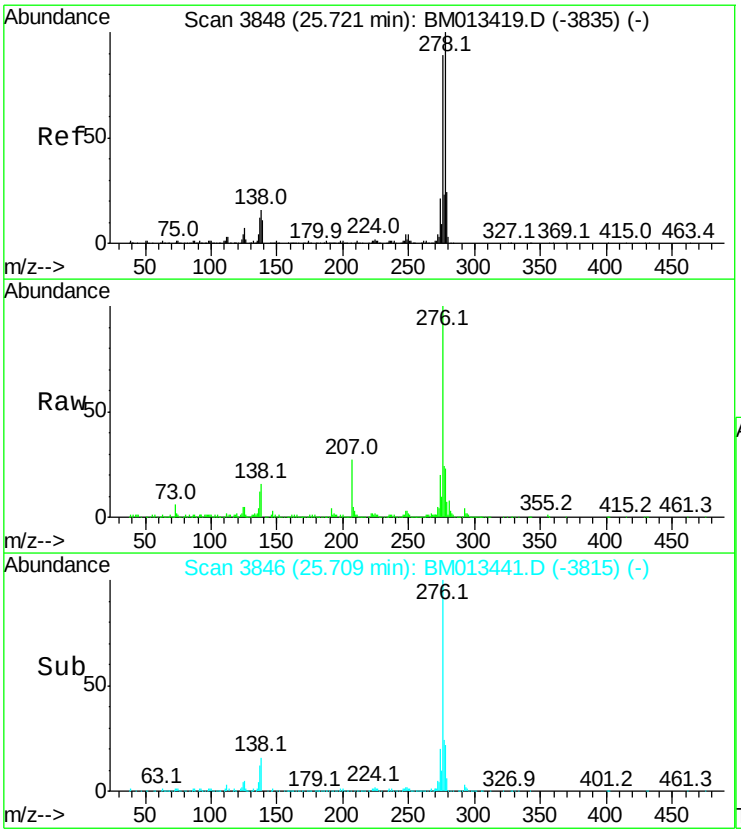
#89
Indeno(1,2,3-cd)pyrene
Concen: 12.124 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 701397

Ion	Ratio	Lower	Upper
276	100		
138	16.0	9.3	13.9#
277	24.4	19.9	29.9

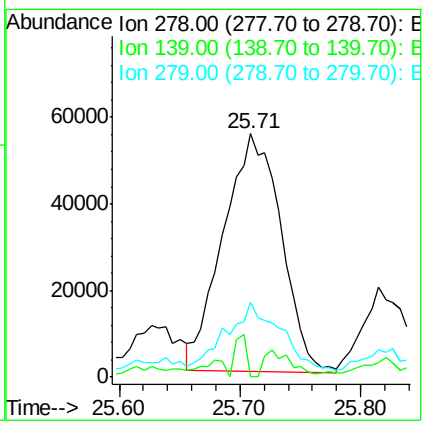


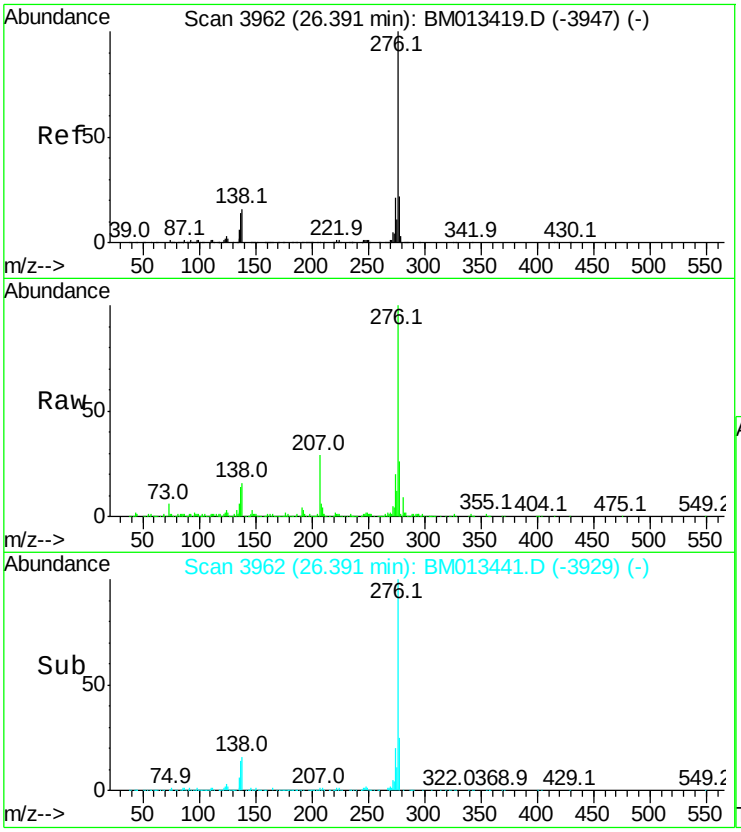


#90
Dibenzo(a,h)anthracene
Concen: 3.720 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.02 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Tgt Ion:278 Resp: 183273

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	30.6	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 15.420 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM013441.D
Acq: 15 Dec 2017 16:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 703691

Ion	Ratio	Lower	Upper
276	100		
138	15.8	8.5	12.7#
277	25.6	18.6	28.0