Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

Quantitation Report (Not Reviewed)

Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47

Quant Time: Dec 15 07:45:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	262477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1153203	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	647358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1340193	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1110417	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	894625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1689	0.32	ng/uL	0.00
5) Phenol-d5	6.86	99	48230	2.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	29035	2.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	40265	2.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	40428	2.08	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	21116	2.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	23366	2.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	43906	2.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	12387	0.67	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	137643	2.39	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	171264	2.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	14082	1.41	ng/ul	0.01
57) Fluorene-d10	15.32	176	117134	2.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	13728	1.63	ng/ul	0.00
70) Anthracene-d10	17.16	188	178710	2.66	ng/ul	0.00
76) Pyrene-d10	19.47	212	178029	3.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	114202	2.51	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.50	128	74223	1.25	ng/ul#	96
47) Acenaphthylene	14.04	152	321413	4.89	ng/ul	99
49) Acenaphthene	14.38	153	149284	3.33	ng/ul	92
53) Dibenzofuran	14.72	168	116315	1.76	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.87	232	23278	1.64	ng/ul	96
58) Fluorene	15.37	166	86121	1.57	ng/ul	100
68) Pentachlorophenol	16.72	266	372561	37.08	ng/ul	97
69) Phenanthrene	17.11	178	1308718	17.19	ng/ul	99
71) Anthracene	17.20	178	764615	9.82	ng/ul	98
72) Carbazole	17.47	167	173643	2.59	ng/ul	99
74) Fluoranthene	19.13	202	3744041	40.13	ng/ul#	92
77) Pyrene	19.50	202	4642501	68.82	ng/ul#	92
80) Benzo(a)anthracene	21.24	228	2088713	29.65	ng/ul	97
82) Chrysene	21.30	228	1314626	20.11	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	4884542	80.99	ng/ul#	98
86) Benzo(k)fluoranthene	22.83	252	4884542	86.07	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	2289583	42.26	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1393294	25.92	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.71	278	368335	8.05	ng/ul#	93
91) Benzo(g,h,i)perylene	26.40	276	1164713	27.47	ng/ul#	95

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

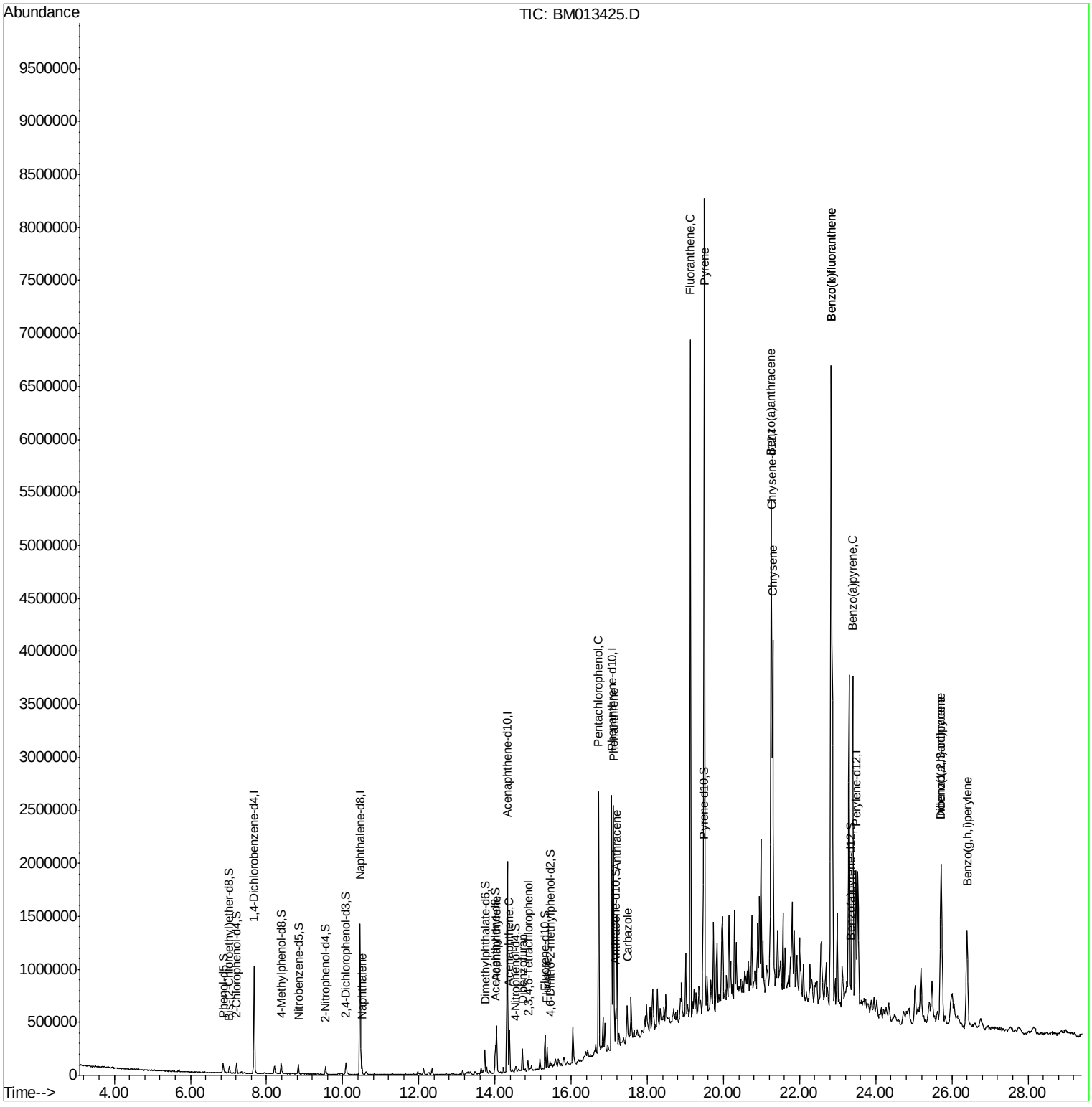
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121417\

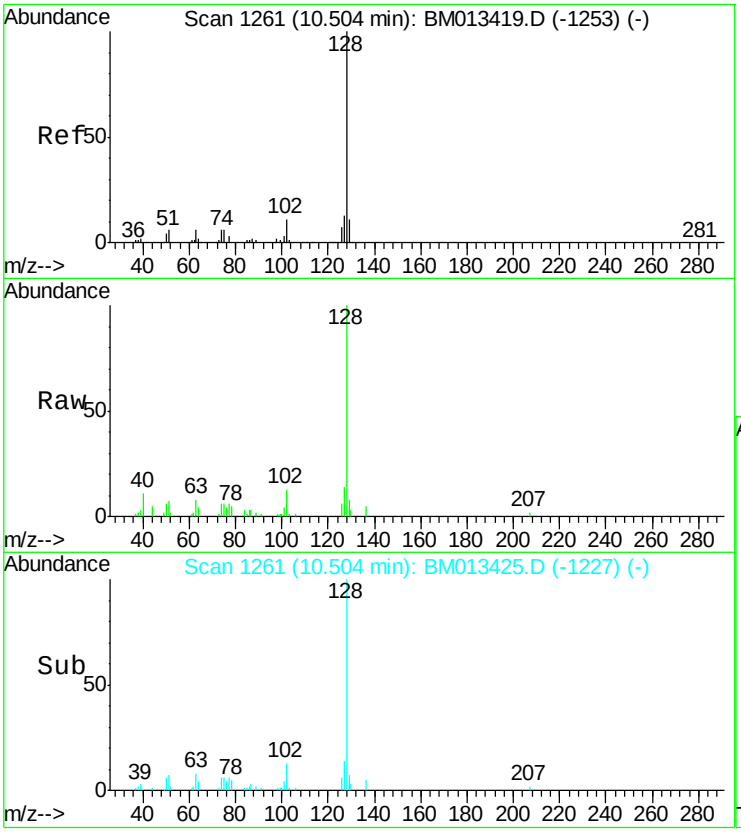
Quantitation Report (Not Reviewed)

Data File : BM013425.D
Acq On : 15 Dec 2017 05:25
Operator : SJ/JU
Sample : I6776-18 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A47

Quant Time: Dec 15 07:45:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 05:52:21 2017
Response via : Initial Calibration



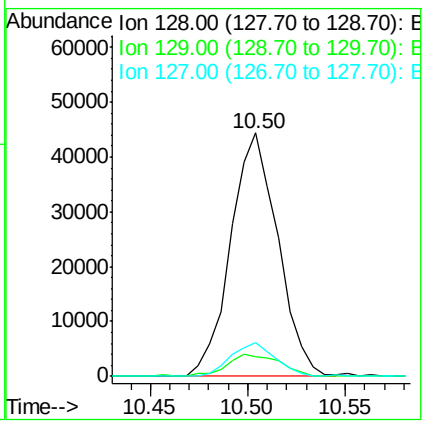


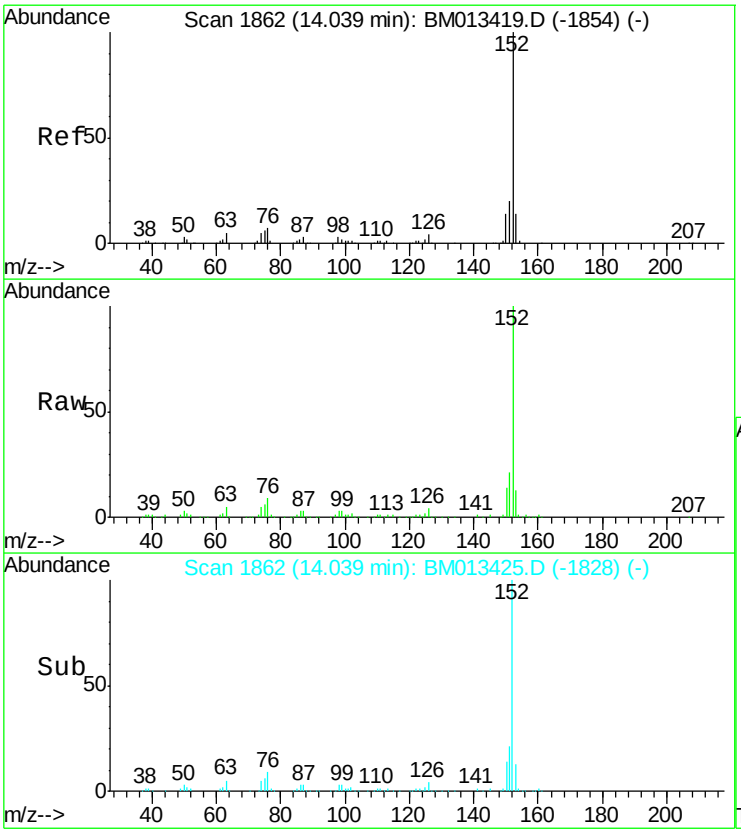
#28
Naphthalene
Concen: 1.25 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:128 Resp: 74223

Ion	Ratio	Lower	Upper
128	100		
129	7.9	8.8	13.2#
127	13.7	10.6	16.0

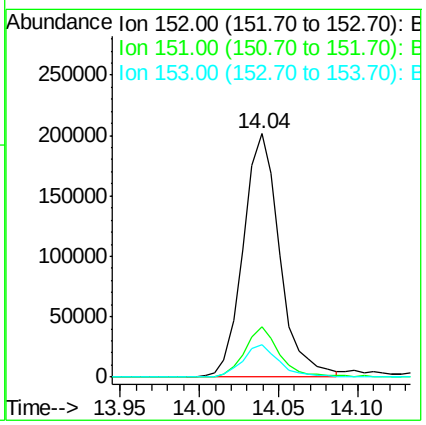


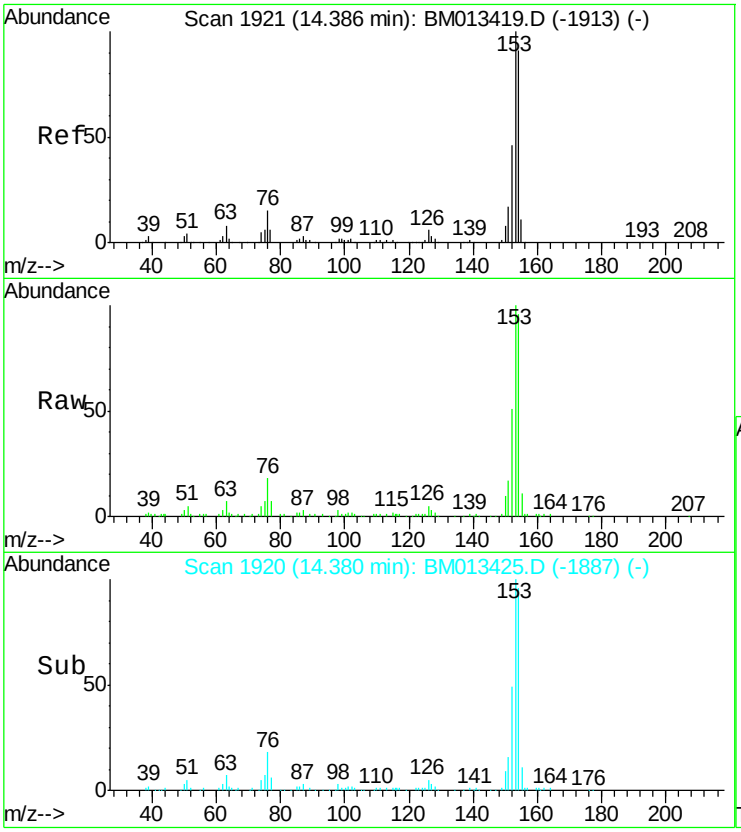


#47
Acenaphthylene
Concen: 4.89 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:152 Resp: 321413

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.1	10.2	15.4



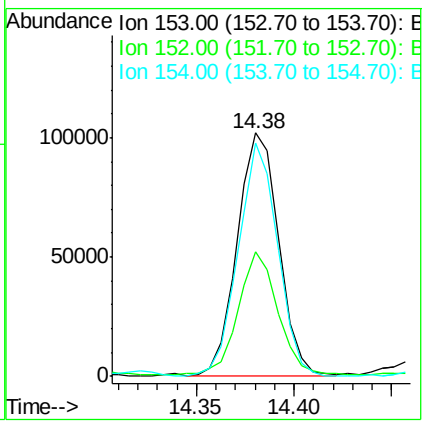


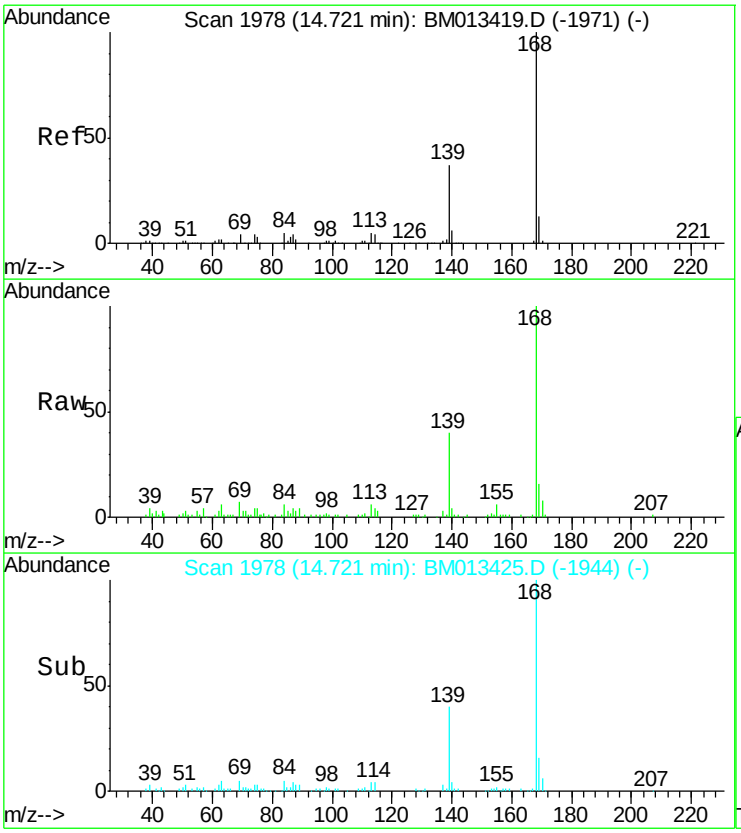
#49
Acenaphthene
Concen: 3.33 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:153 Resp: 149284

Ion	Ratio	Lower	Upper
153	100		
152	51.3	37.6	56.4
154	95.6	70.4	105.6

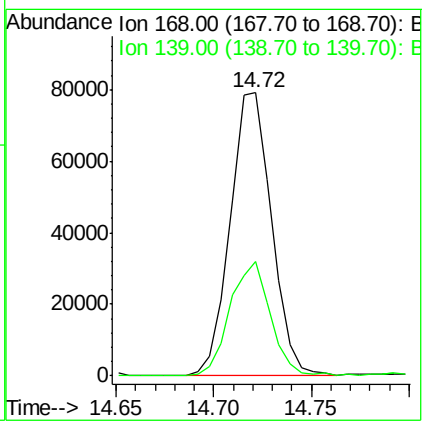


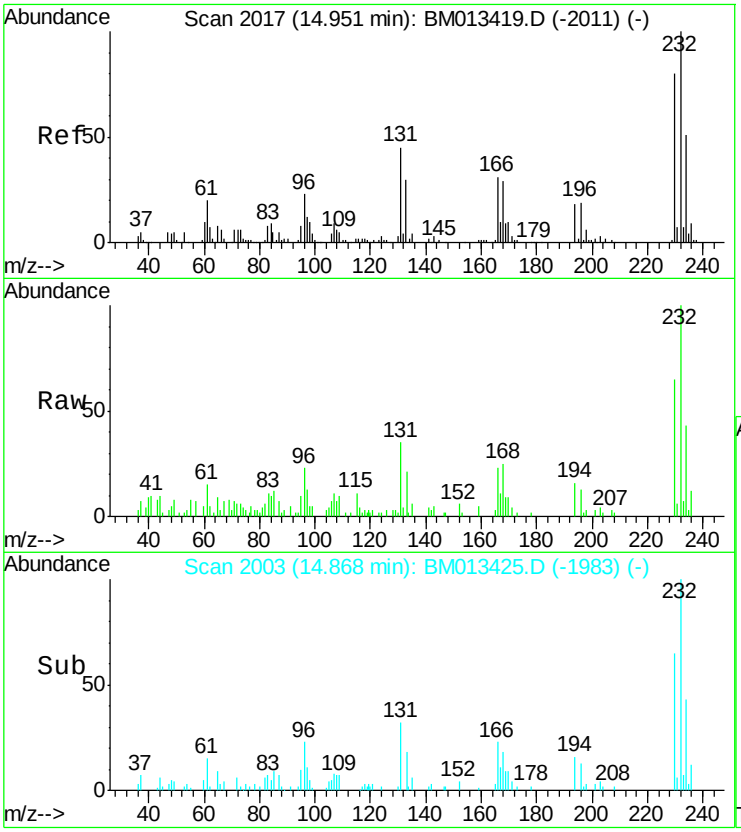


#53
Dibenzofuran
Concen: 1.76 ng/ul
RT: 14.72 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:168 Resp: 116315

Ion	Ratio	Lower	Upper
168	100		
139	40.4	30.8	46.2



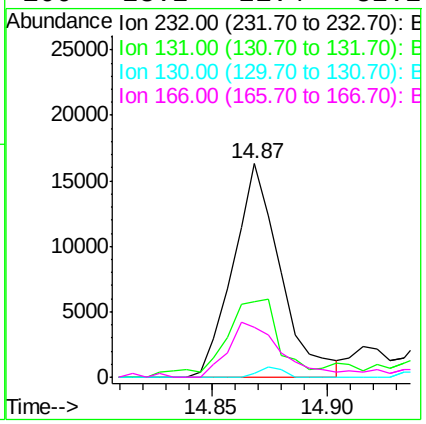


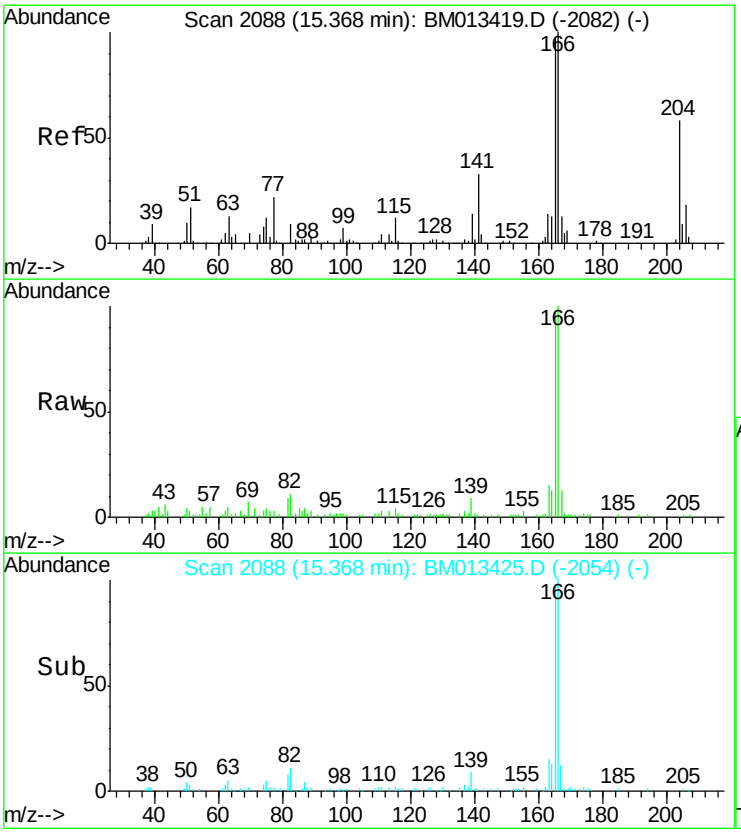
#55
2,3,4,6-Tetrachlorophenol
Concen: 1.64 ng/ul
RT: 14.87 min Scan# 2003
Delta R.T. -0.08 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:232 Resp: 23278

Ion	Ratio	Lower	Upper
232	100		
131	35.3	29.0	43.4
130	2.0	2.0	3.0
166	23.2	21.4	32.2

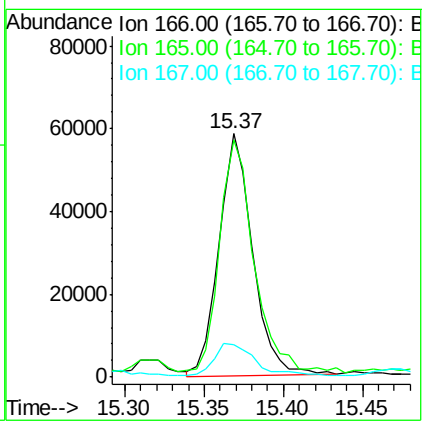


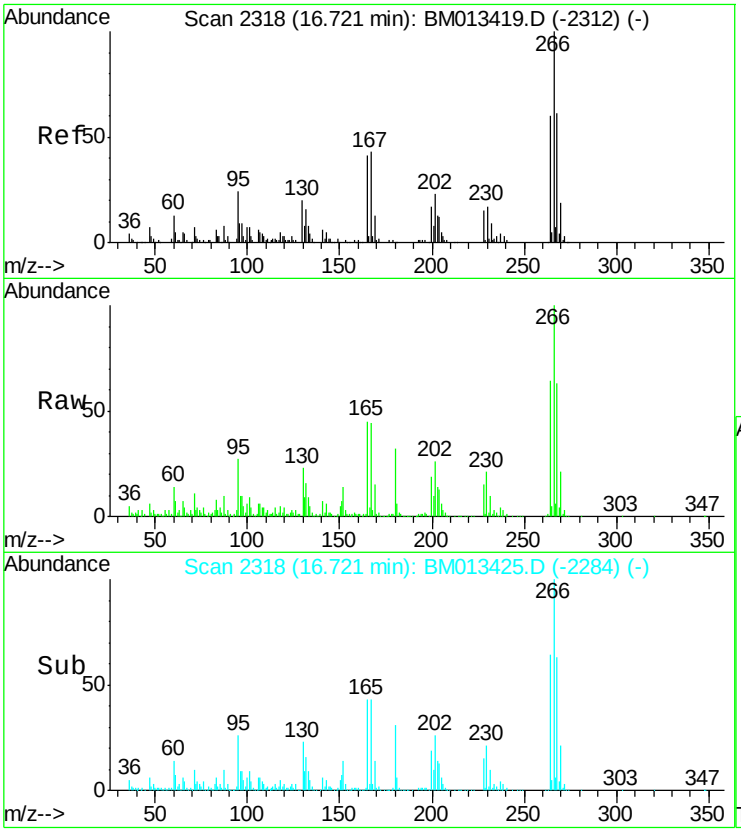


#58
Fluorene
Concen: 1.57 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:166 Resp: 86121

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.3	10.6	16.0



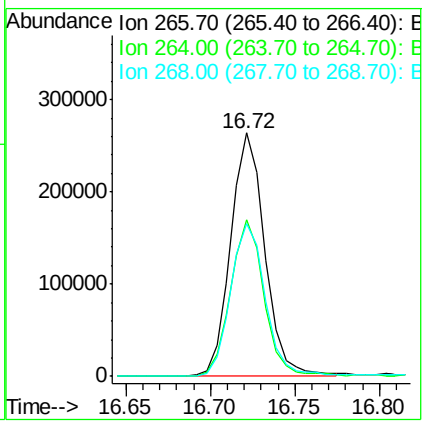


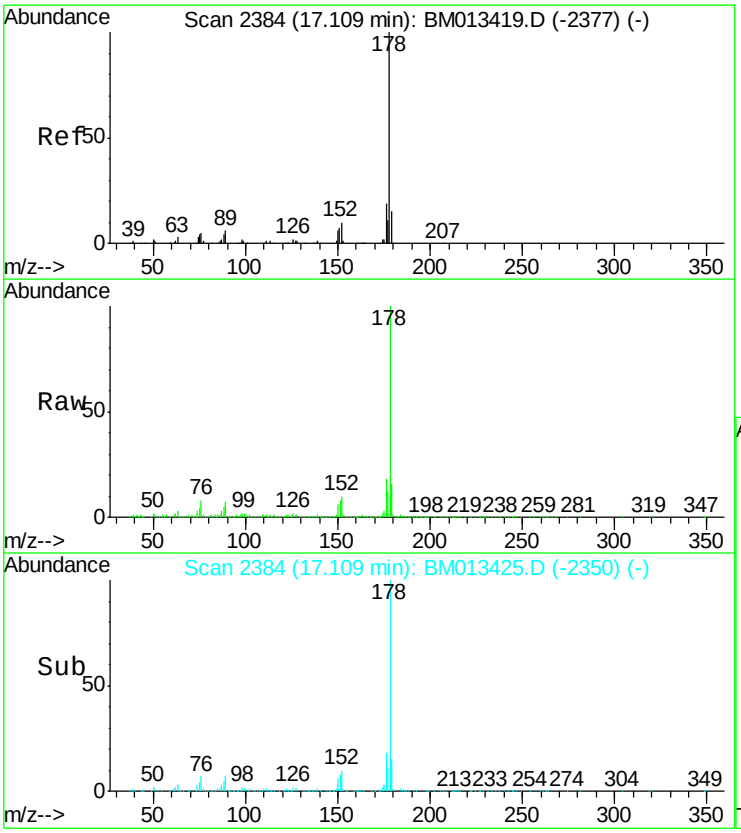
#68
Pentachlorophenol
Concen: 37.08 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:266 Resp: 372561

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	63.0	52.6	78.8

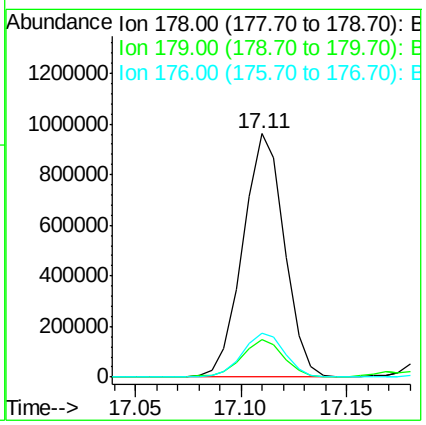


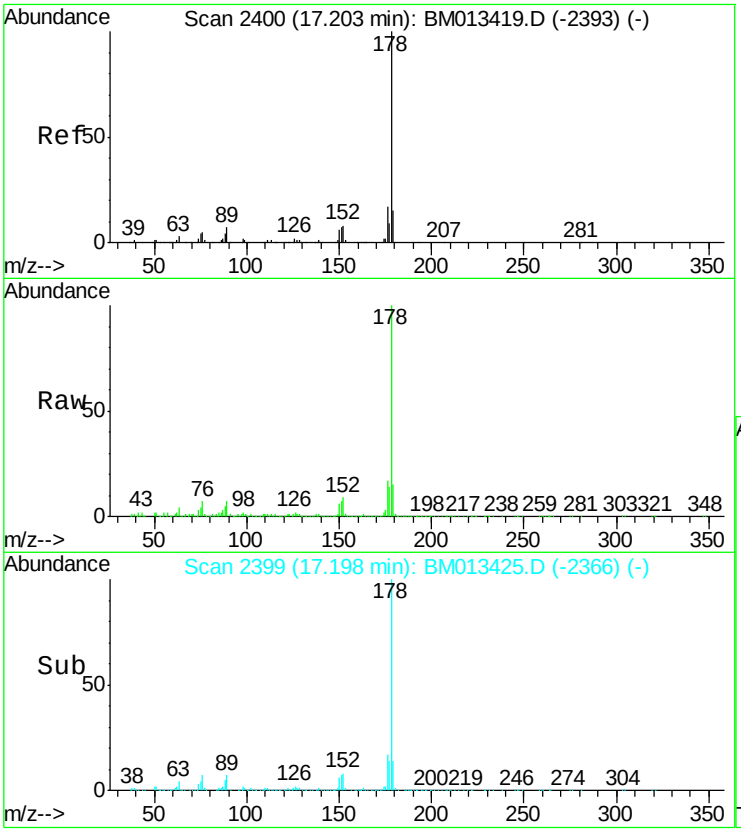


#69
Phenanthrene
Concen: 17.19 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:178 Resp: 1308718

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.3	14.9	22.3



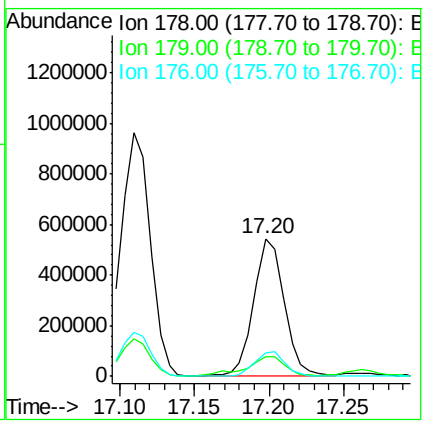


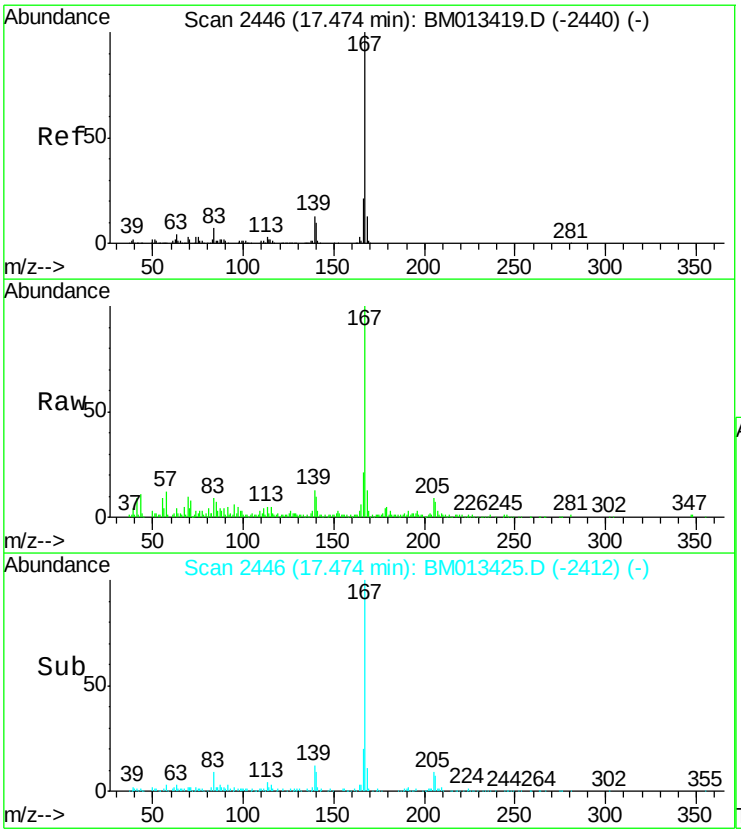
#71
Anthracene
Concen: 9.82 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:178 Resp: 764615

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

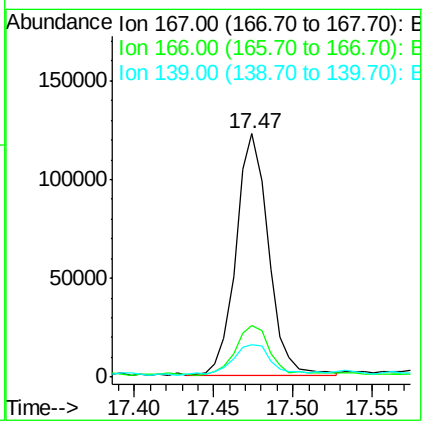


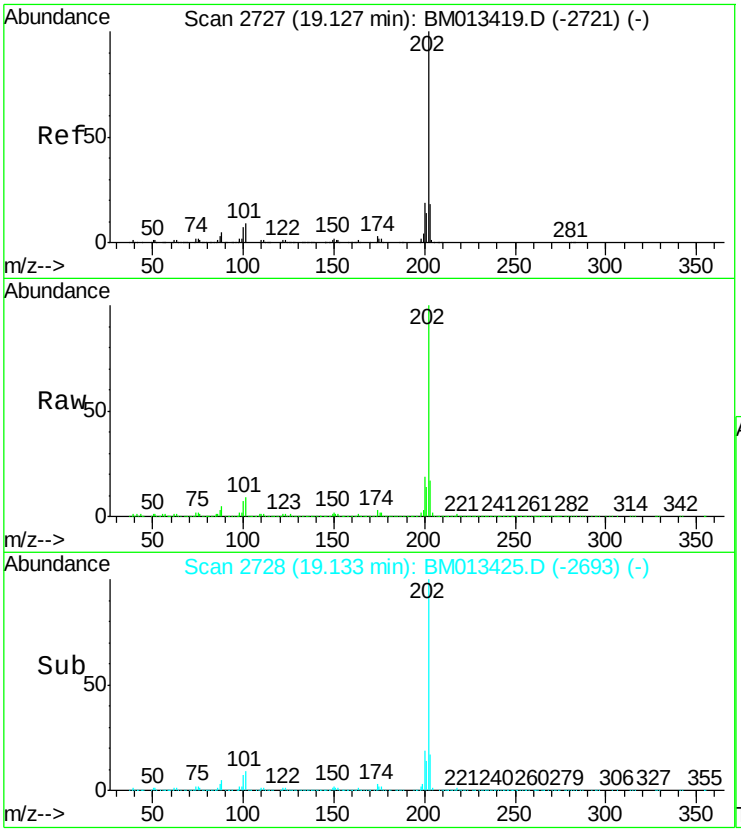


#72
Carbazole
Concen: 2.59 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:167 Resp: 173643

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.1	25.7
139	13.5	10.0	15.0



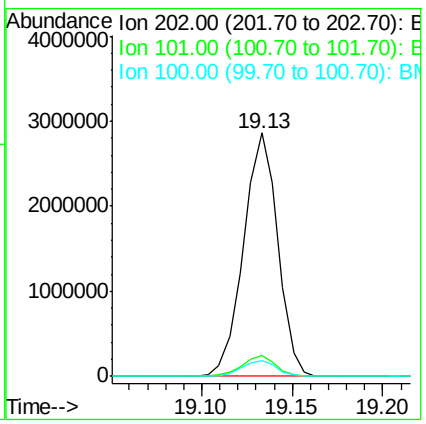


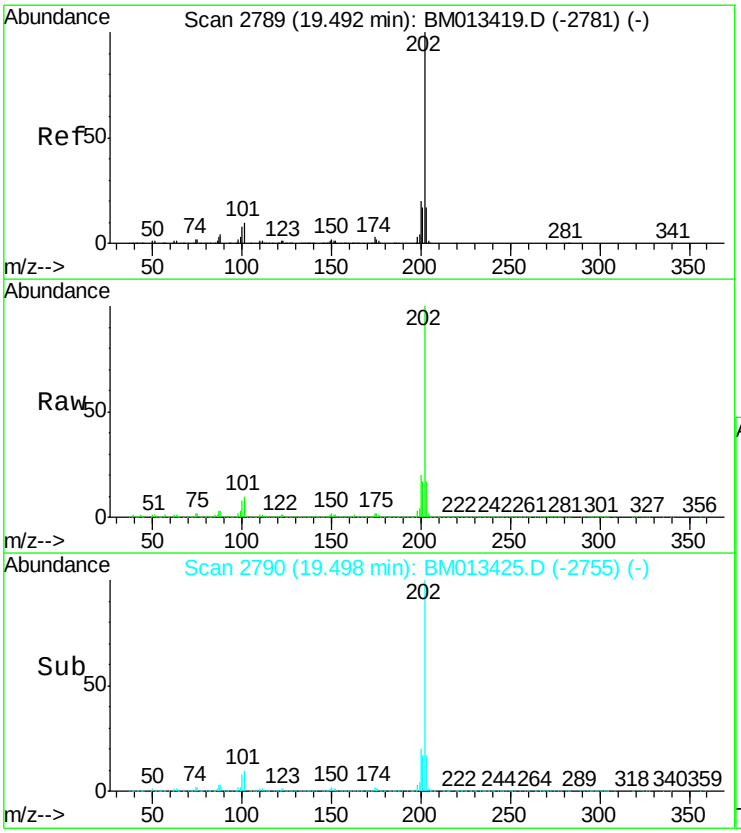
#74
Fluoranthene
Concen: 40.13 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. 0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:202 Resp: 3744041

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.6	3.4	5.2#

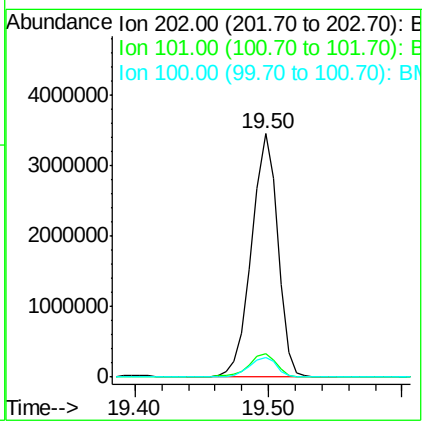


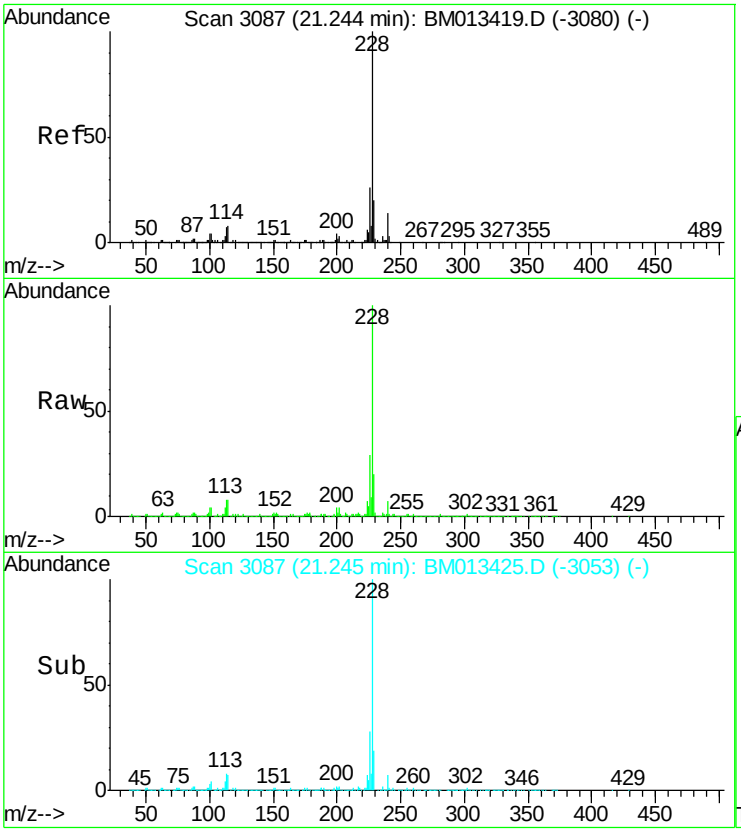


#77
Pyrene
Concen: 68.82 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:202 Resp: 4642501

Ion	Ratio	Lower	Upper
202	100		
101	9.9	5.1	7.7#
100	7.9	4.9	7.3#



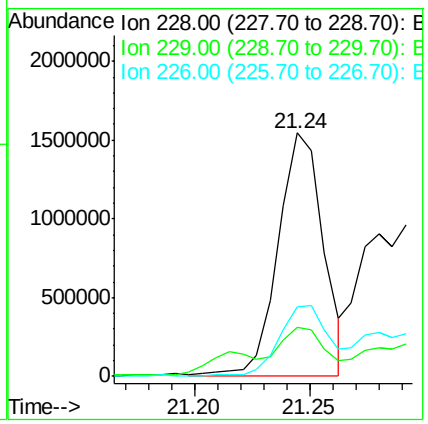


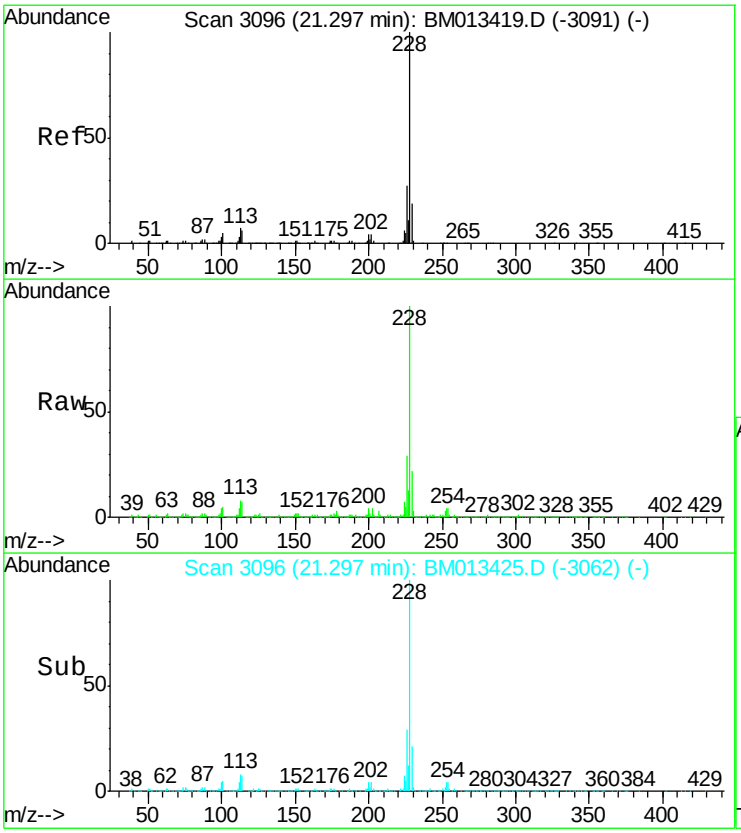
#80
Benzo(a)anthracene
Concen: 29.65 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:228 Resp: 2088713

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.0
226	28.7	21.4	32.0

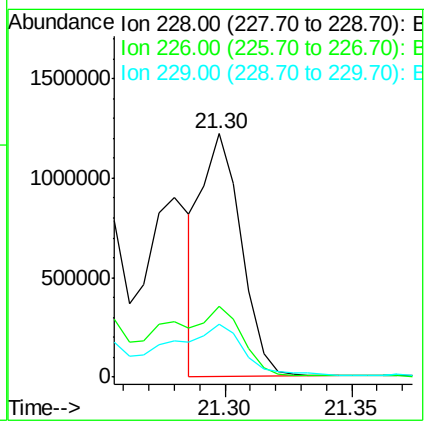


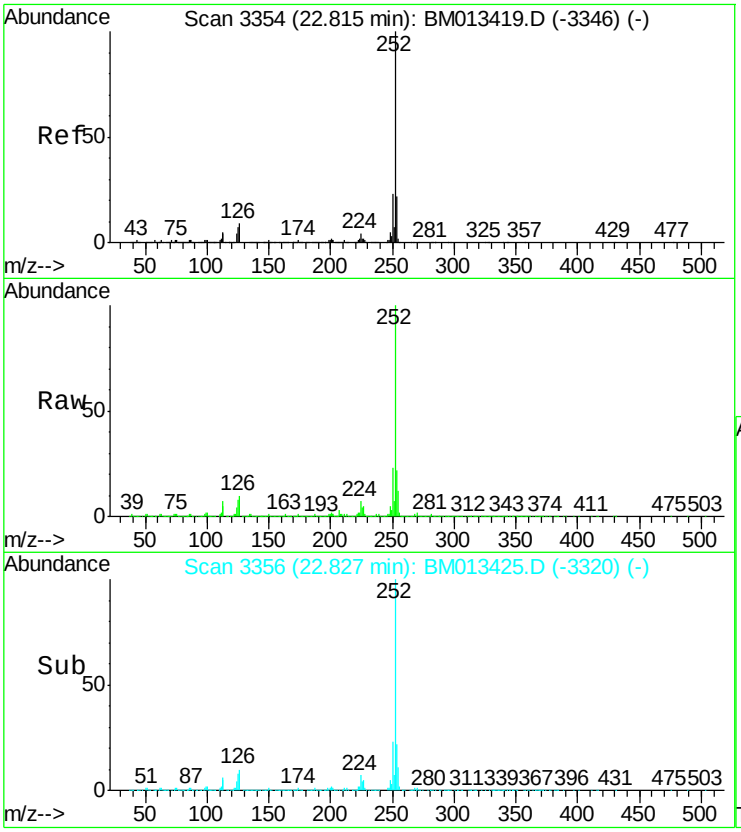


#82
Chrysene
Concen: 20.11 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:228 Resp: 1314626

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	21.9	15.5	23.3



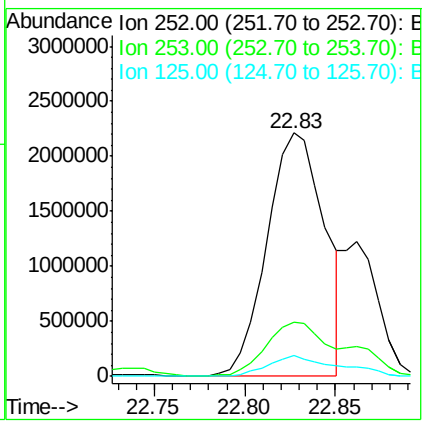


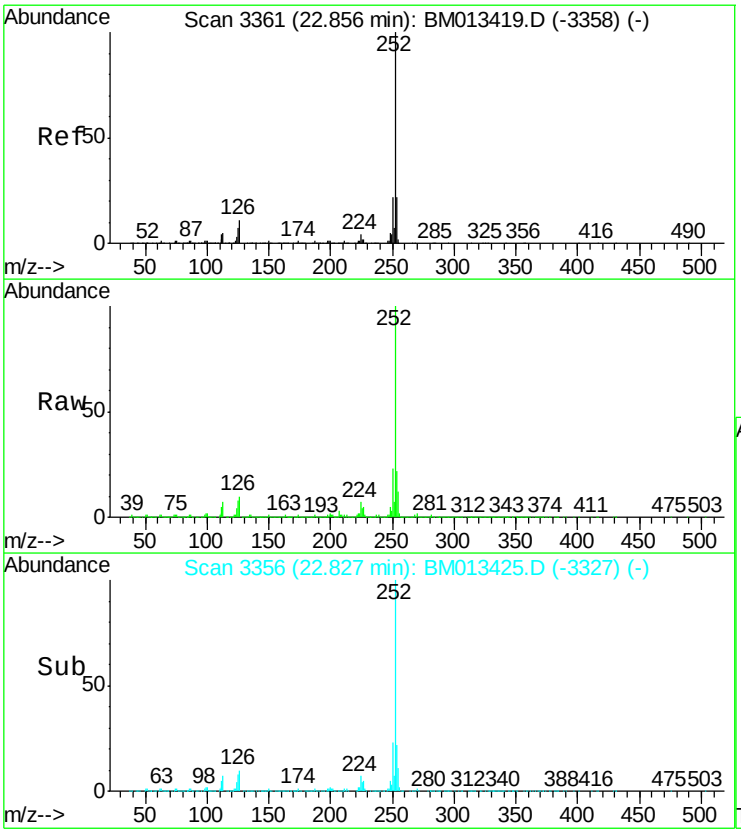
#85
Benzo(b)fluoranthene
Concen: 80.99 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:252 Resp: 4884542

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	8.3	3.6	5.4#

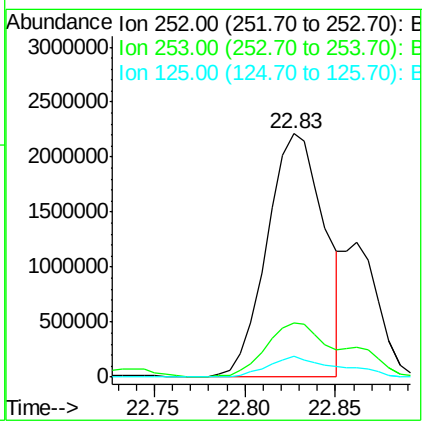


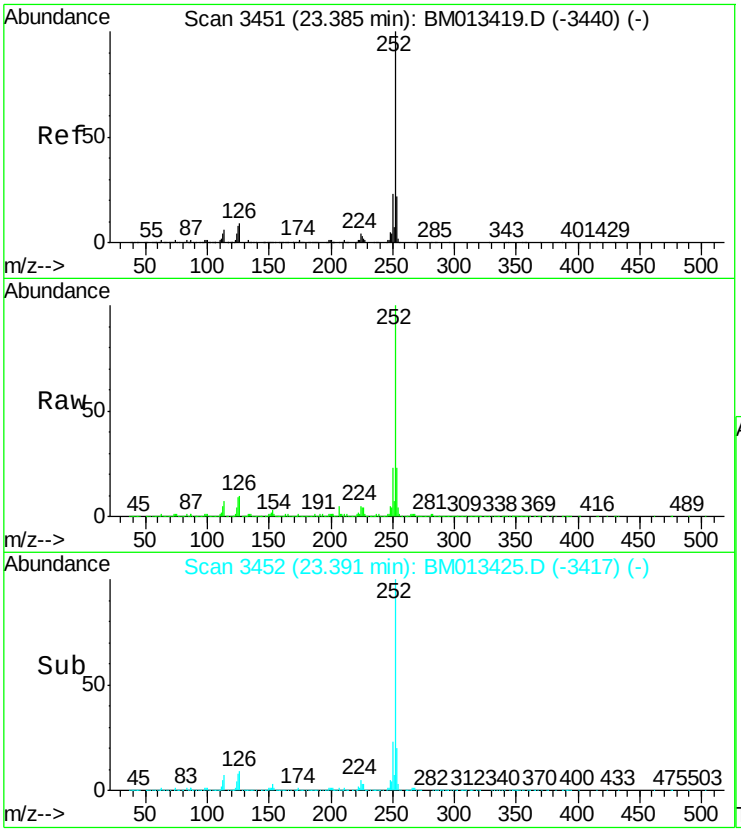


#86
Benzo(k)fluoranthene
Concen: 86.07 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.03 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:252 Resp: 4884542

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	8.3	3.4	5.2#



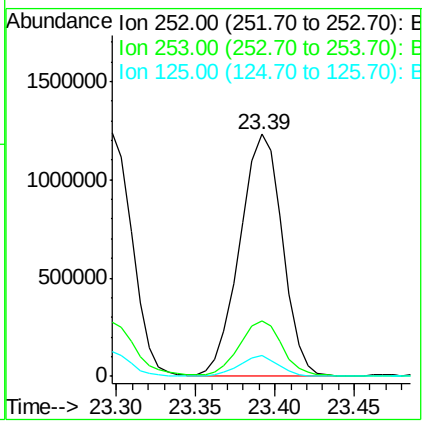


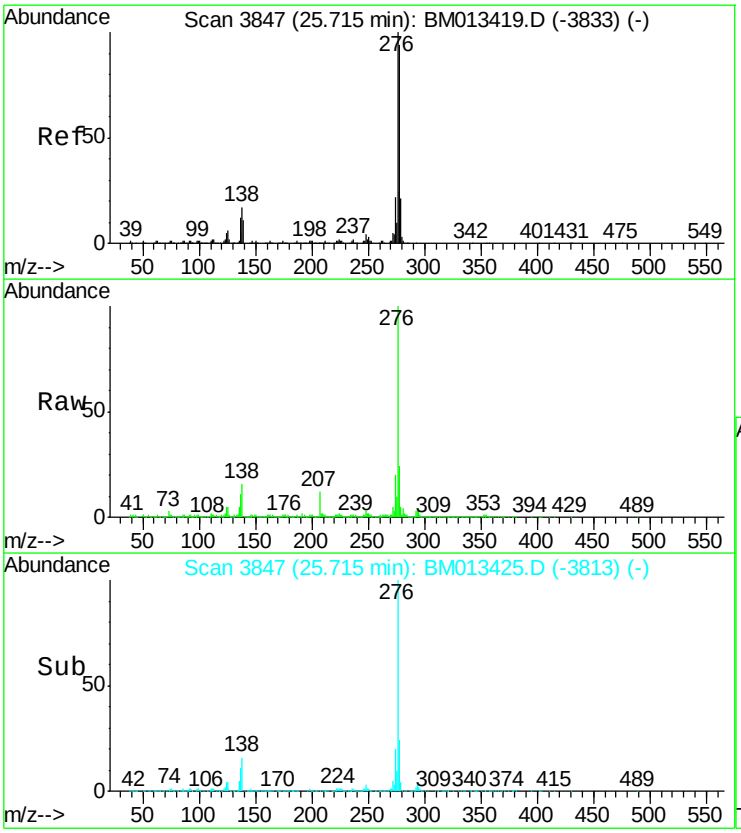
#88
Benzo(a)pyrene
Concen: 42.26 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:252 Resp: 2289583

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.6	4.0	6.0#

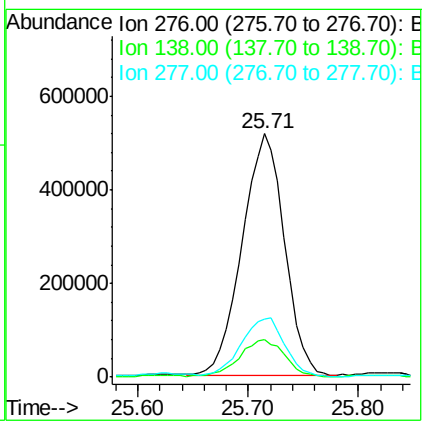


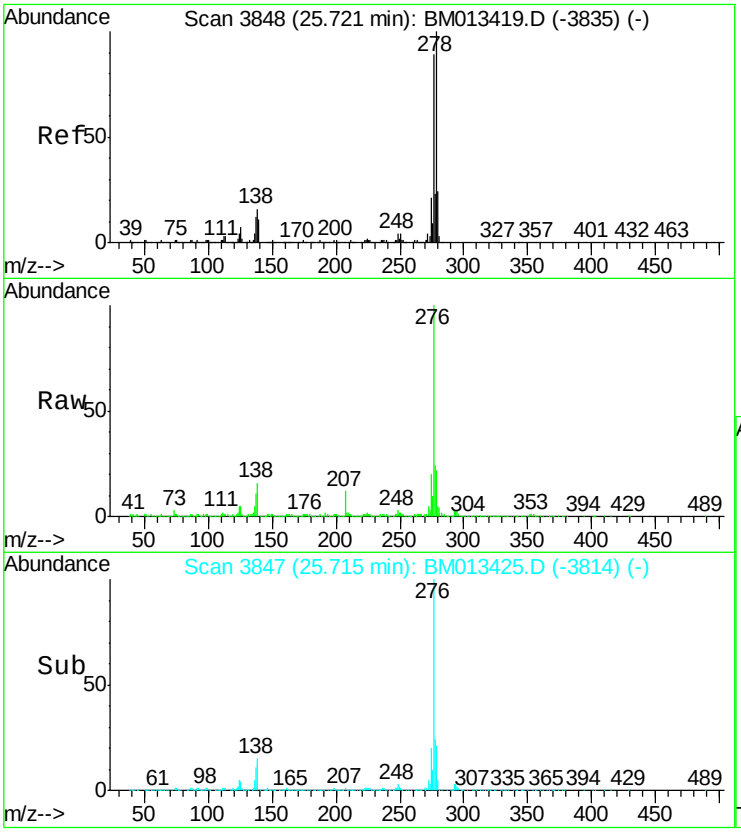


#89
Indeno(1,2,3-cd)pyrene
Concen: 25.92 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:276 Resp: 1393294

Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	23.8	19.9	29.9



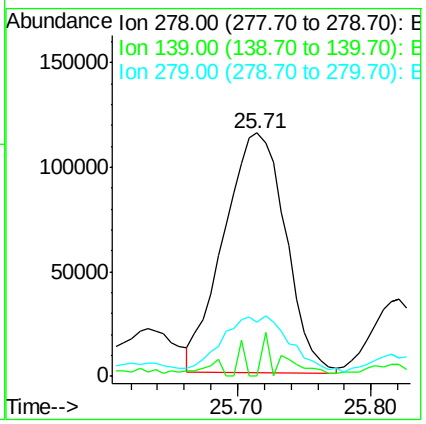


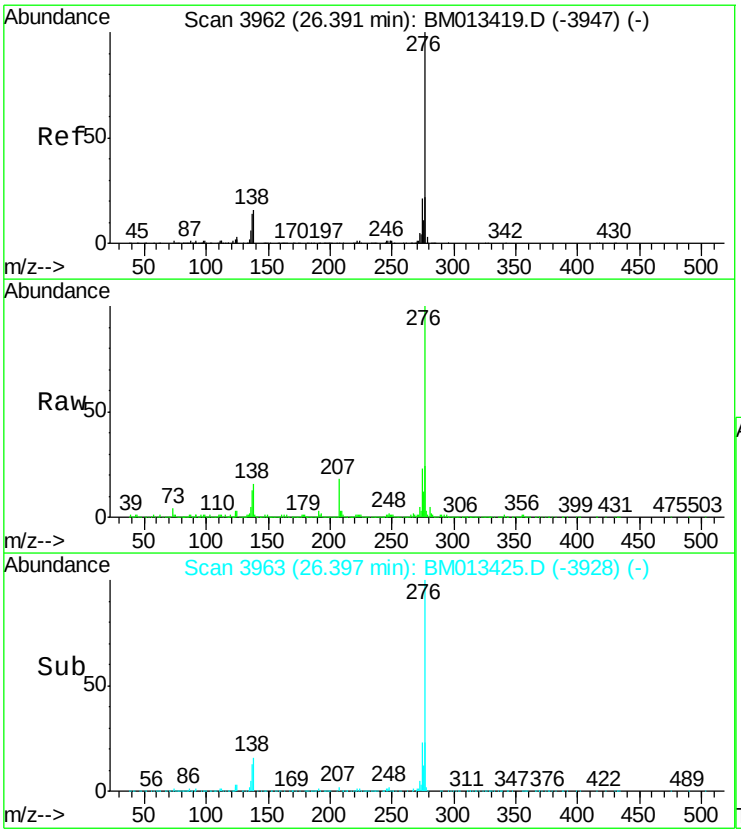
#90
Dibenzo(a,h)anthracene
Concen: 8.05 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Instrument :
BNA_M
ClientSampleId :
F9A47

Tgt Ion:278 Resp: 368335

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	22.1	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 27.47 ng/ul
RT: 26.40 min Scan# 3963
Delta R.T. 0.01 min
Lab File: BM013425.D
Acq: 15 Dec 2017 05:25

Tgt Ion:276 Resp: 1164713

Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	23.8	18.6	28.0