Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013429.D
Acq On : 15 Dec 2017 07:47
Operator : SJ/JU
Sample : I6779-10 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 15 10:03:33 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	243387	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1097803	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	627923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1355991	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1239123	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	973788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	6664	1.36	ng/uL	0.00
5) Phenol-d5	6.85	99	160671	7.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	94407	7.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	131217	7.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	137572	7.65	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	69909	8.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	75457	8.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	136854	7.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	108250	6.13	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	450364	8.06	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	558948	8.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	60867	6.27	ng/ul	0.00
57) Fluorene-d10	15.32	176	371837	7.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	49499	5.80	ng/ul	0.00
70) Anthracene-d10	17.17	188	554744	8.17	ng/ul	0.00
76) Pyrene-d10	19.46	212	572445	9.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	389983	7.86	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.88	94	21873	1.051	ng/ul	89
44) Dimethylphthalate	13.78	163	88747	1.661	ng/ul#	97
47) Acenaphthylene	14.04	152	484714	7.596	ng/ul	97
68) Pentachlorophenol	16.72	266	34368	3.380	ng/ul	94
69) Phenanthrene	17.11	178	102330	1.328	ng/ul	98
71) Anthracene	17.20	178	364514	4.629	ng/ul	98
74) Fluoranthene	19.13	202	1238934	13.123	ng/ul#	93
77) Pyrene	19.50	202	1776267	23.595	ng/ul#	94
80) Benzo(a)anthracene	21.24	228	895037	11.384	ng/ul	94
82) Chrysene	21.30	228	1134203	15.550	ng/ul	97
85) Benzo(b)fluoranthene	22.82	252	2169041	33.042	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	2169041	35.111	ng/ul#	97
88) Benzo(a)pyrene	23.39	252	1233162	20.912	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1076038	18.391	ng/ul	96
90) Dibenzo(a,h)anthracene	25.71	278	280143	5.623	ng/ul#	87
91) Benzo(g,h,i)perylene	26.40	276	989927	21.449	ng/ul#	95

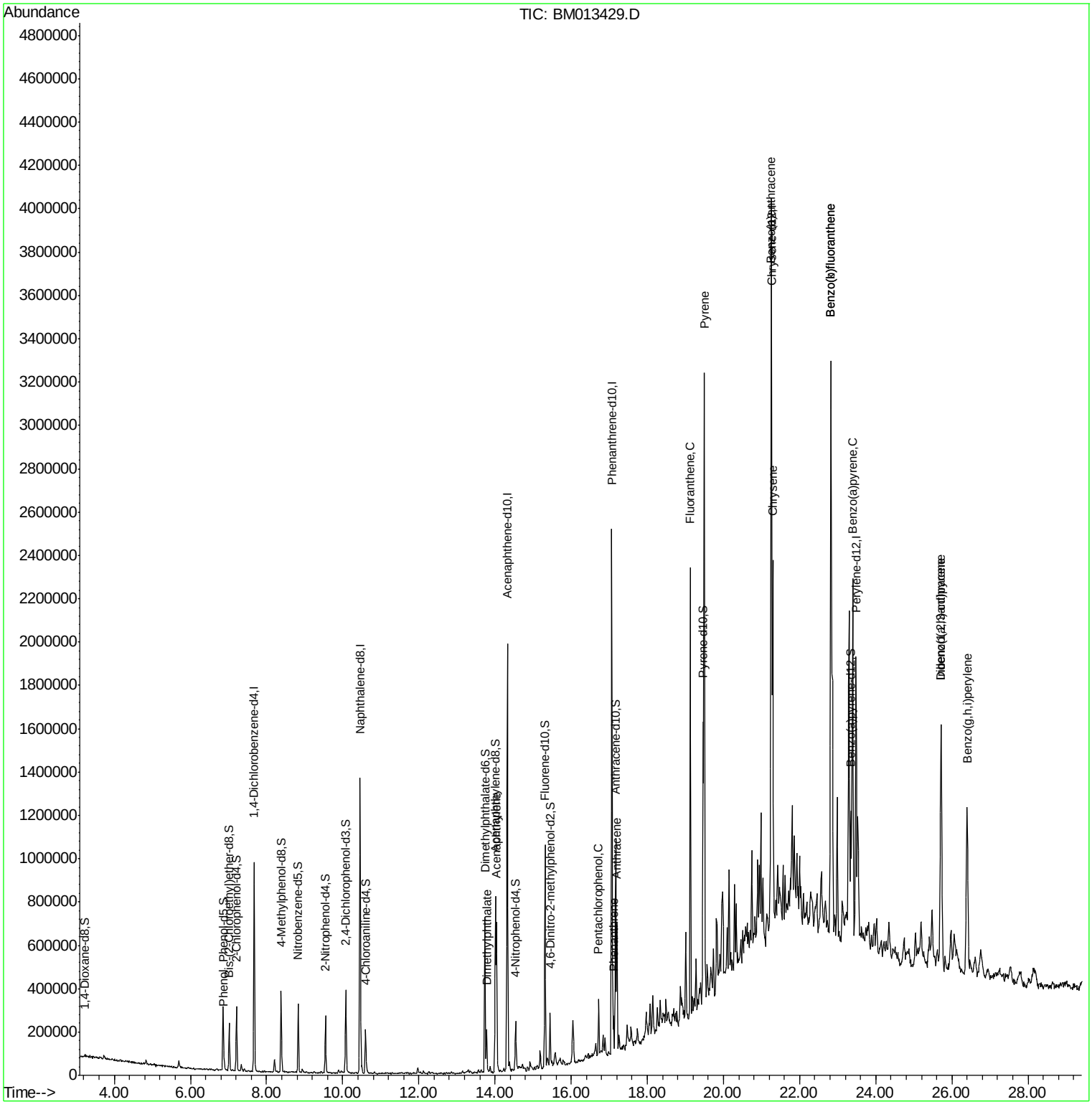
(#) = qualifier out of range (m) = manual integration (+) = signals summed

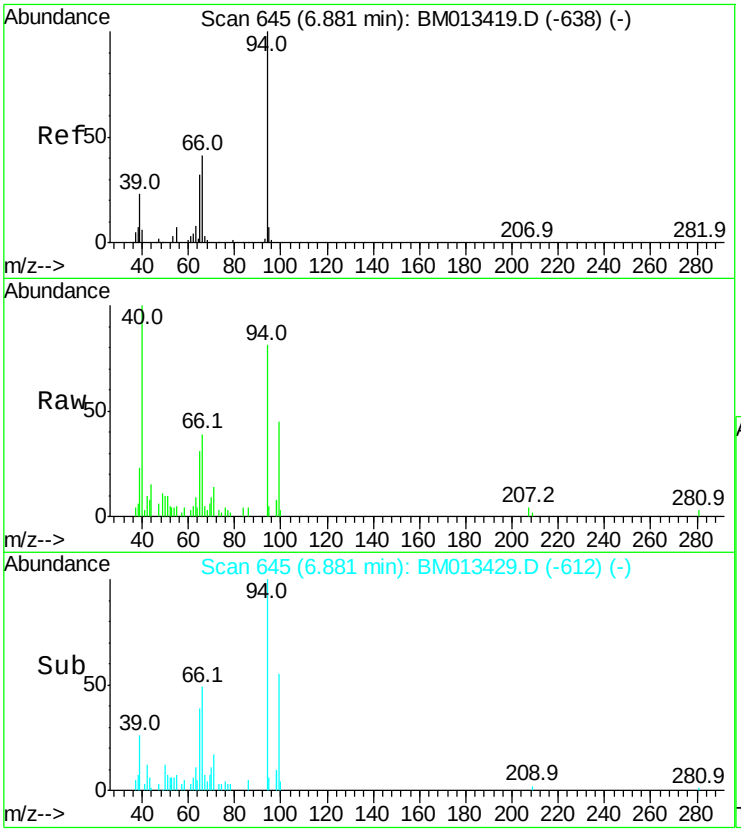
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013429.D
Acq On : 15 Dec 2017 07:47
Operator : SJ/JU
Sample : I6779-10 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 15 10:03:33 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



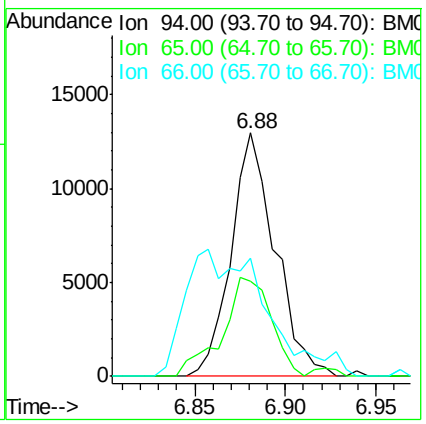


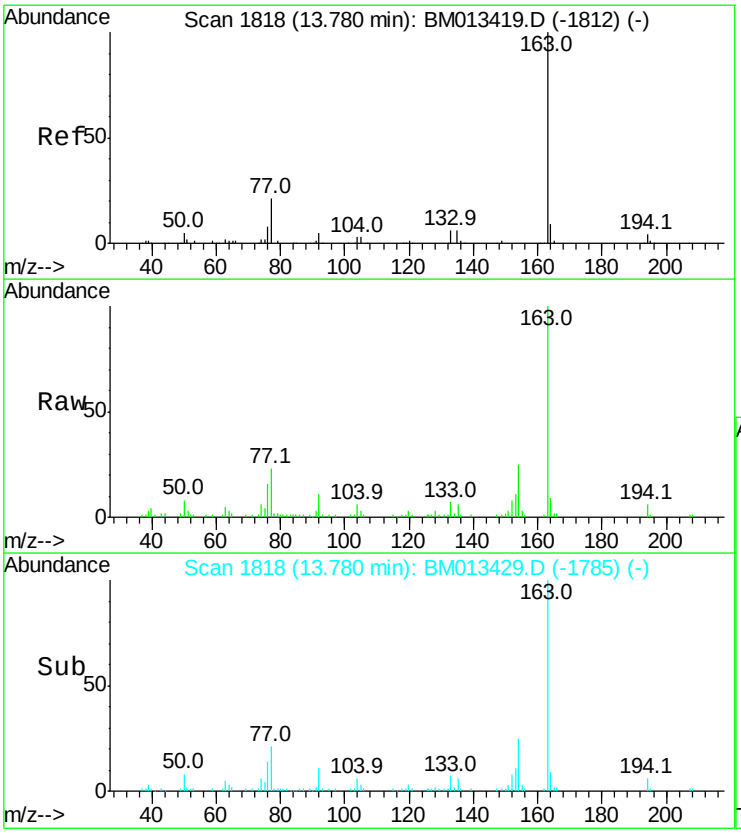
#6
Phenol
Concen: 1.051 ng/ul
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 21873

Ion	Ratio	Lower	Upper
94	100		
65	38.9	28.2	42.4
66	48.5	47.2	70.8

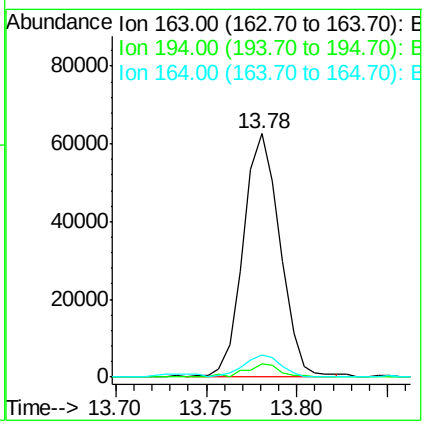


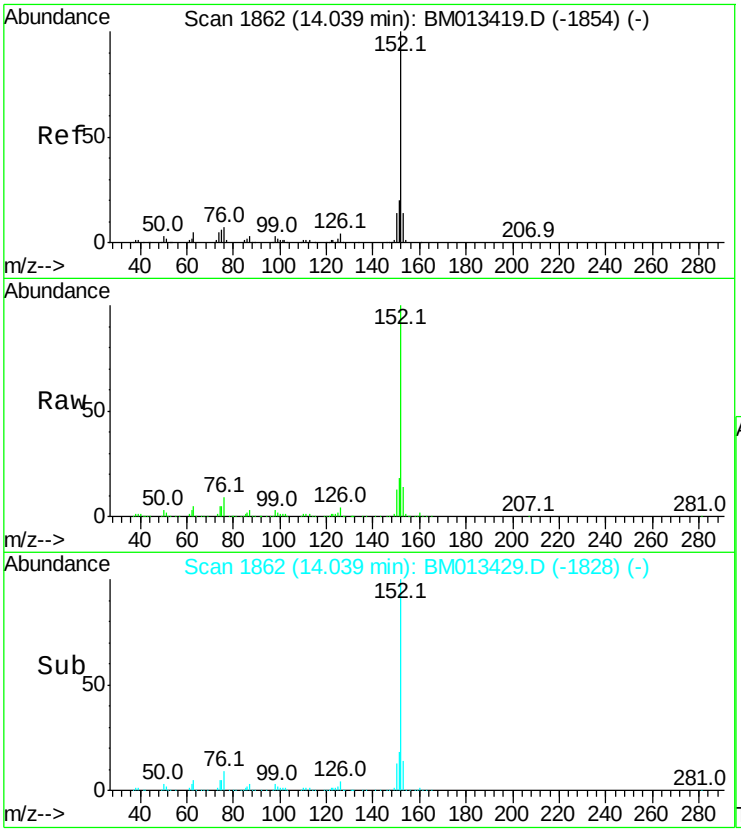


#44
Dimethylphthalate
Concen: 1.661 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:163 Resp: 88747

Ion	Ratio	Lower	Upper
163	100		
194	5.5	3.5	5.3#
164	9.3	8.2	12.4



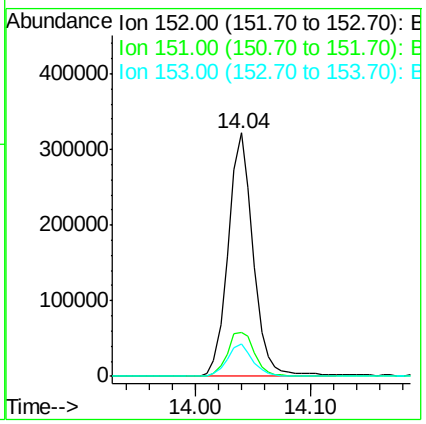


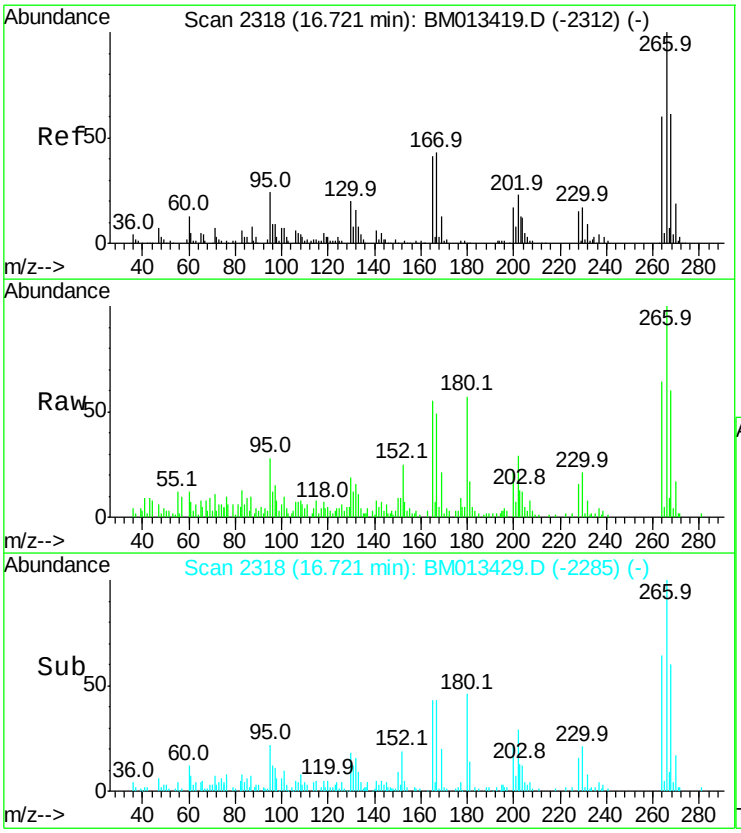
#47
Acenaphthylene
Concen: 7.596 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 484714

Ion	Ratio	Lower	Upper
152	100		
151	18.3	16.3	24.5
153	13.5	10.2	15.4

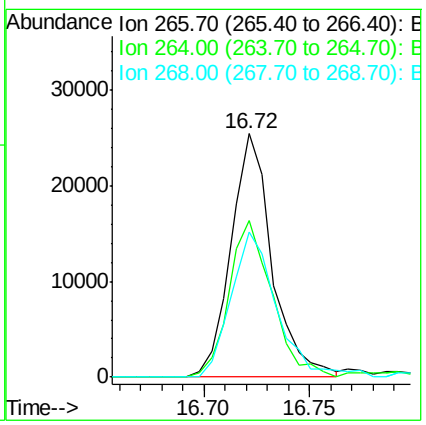


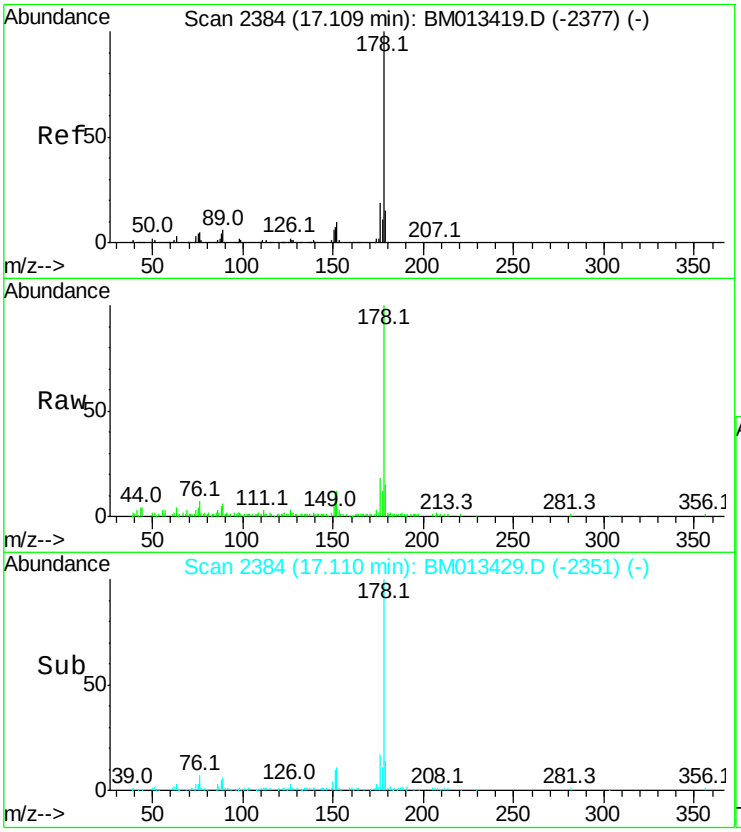


#68
Pentachlorophenol
Concen: 3.380 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:266 Resp: 34368

Ion	Ratio	Lower	Upper
266	100		
264	64.1	49.3	73.9
268	59.5	52.6	78.8



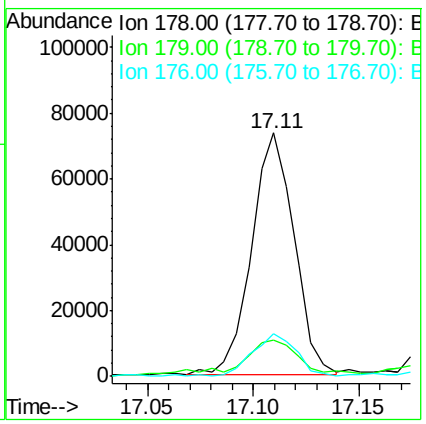


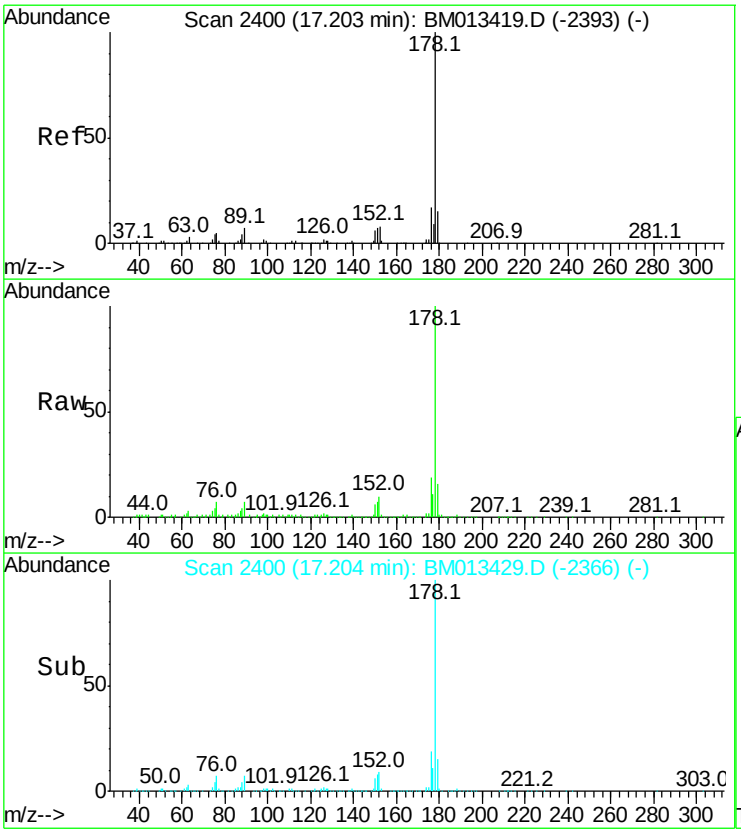
#69
Phenanthrene
Concen: 1.328 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 102330

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	17.6	14.9	22.3

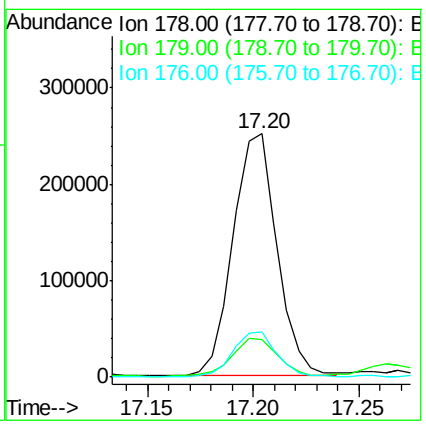


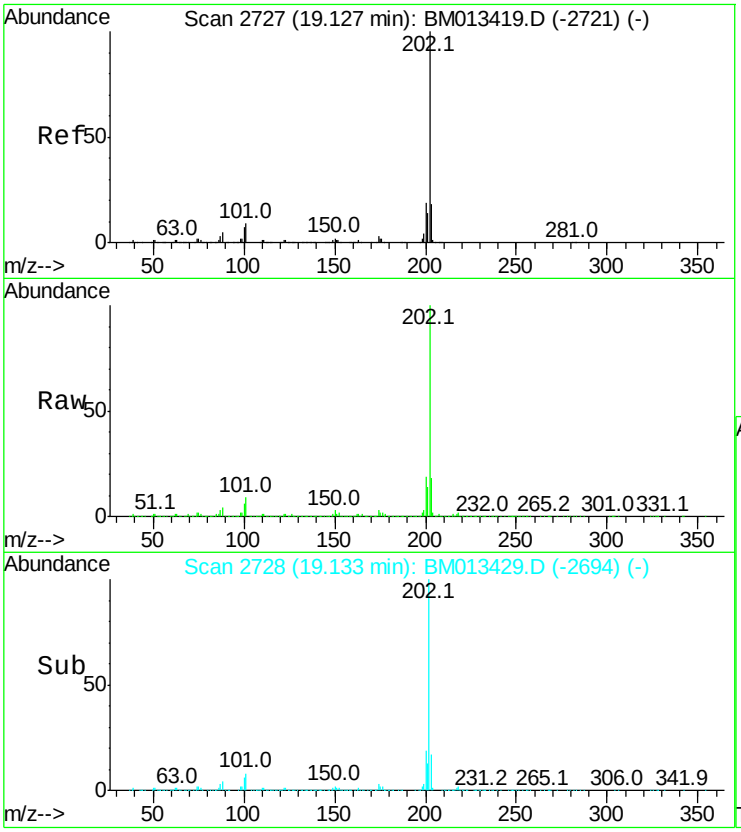


#71
Anthracene
Concen: 4.629 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:178 Resp: 364514

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.6	14.6	21.8



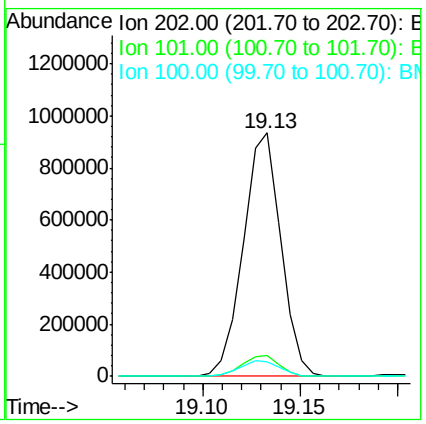


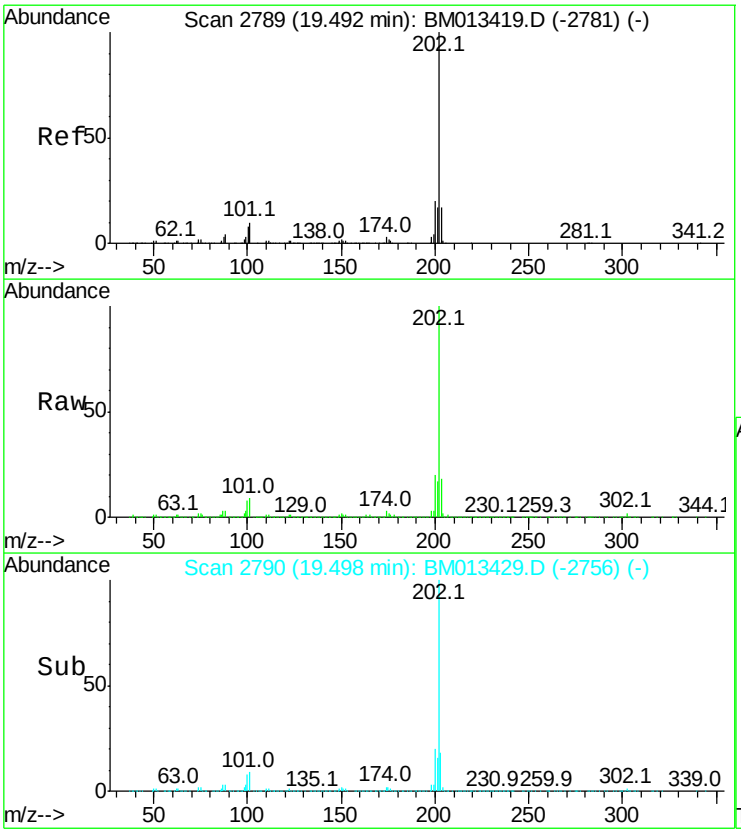
#74
Fluoranthene
Concen: 13.123 ng/ul
RT: 19.13 min Scan# 2728
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1238934

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.2	3.4	5.2#

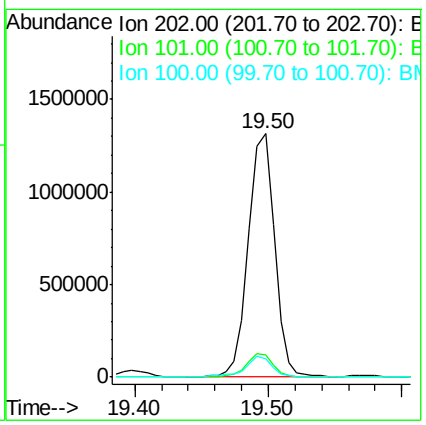


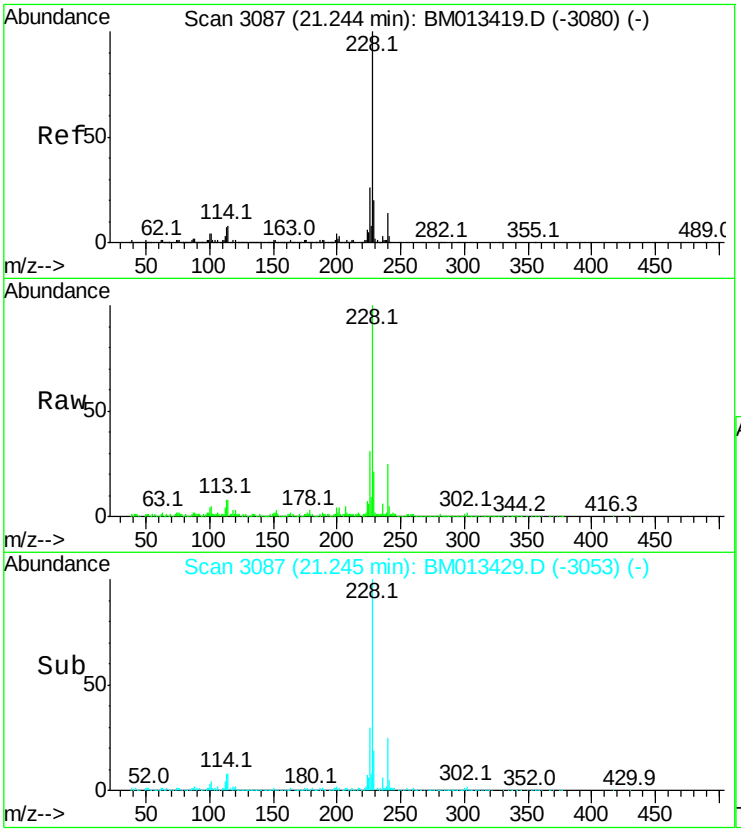


#77
Pyrene
Concen: 23.595 ng/ul
RT: 19.50 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:202 Resp: 1776267

Ion	Ratio	Lower	Upper
202	100		
101	9.3	5.1	7.7#
100	7.6	4.9	7.3#



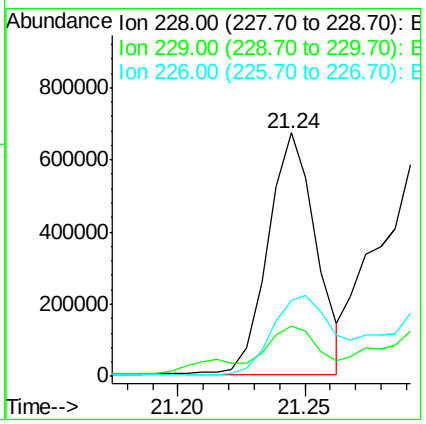


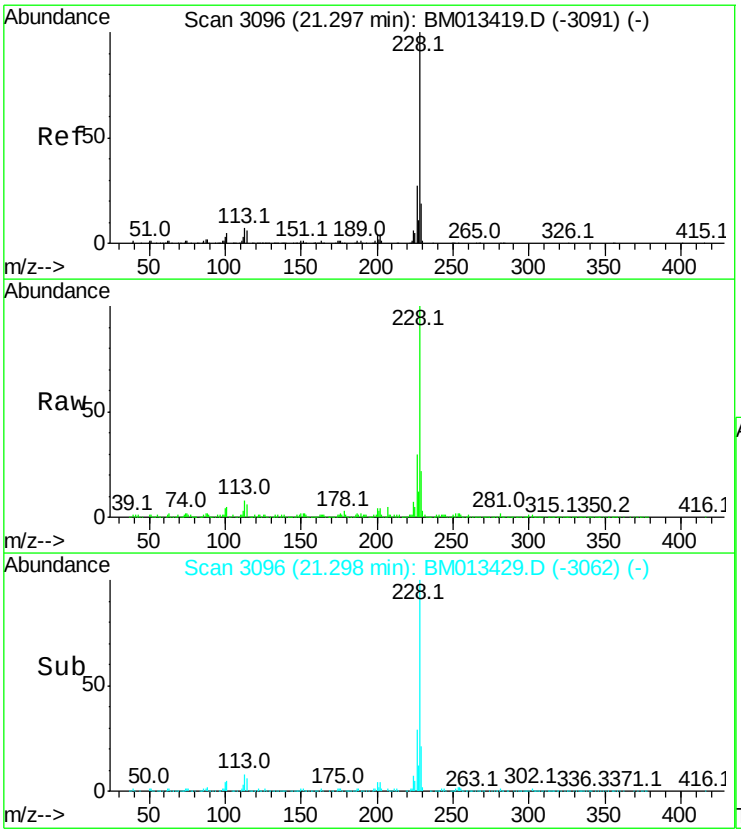
#80
Benzo(a)anthracene
Concen: 11.384 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 895037

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	31.0	21.4	32.0

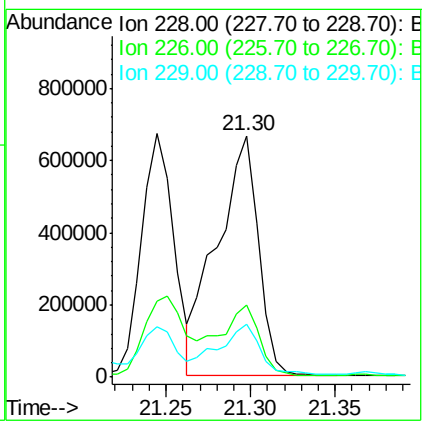


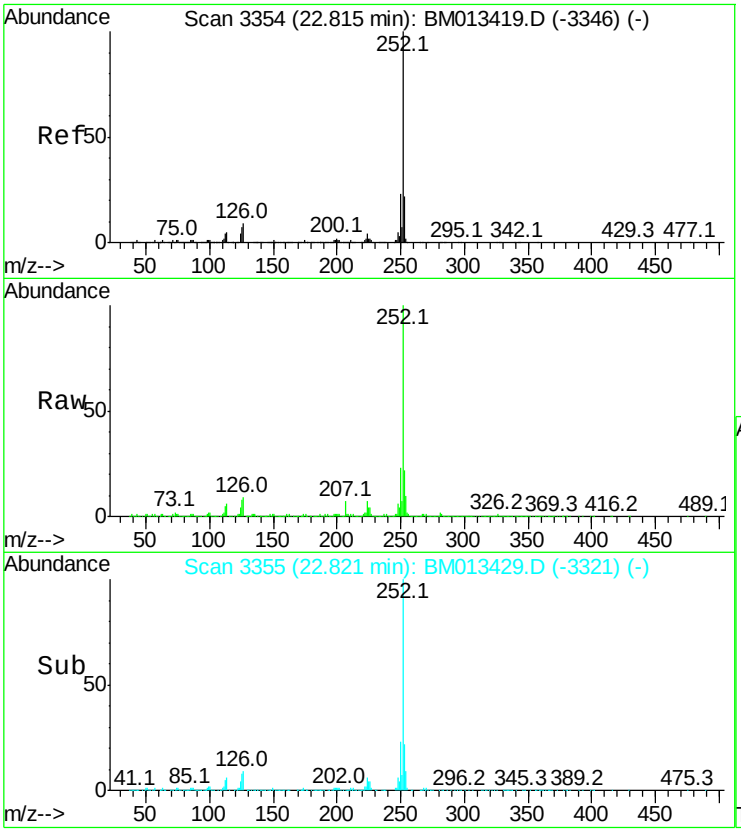


#82
Chrysene
Concen: 15.550 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:228 Resp: 1134203

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	21.8	15.5	23.3



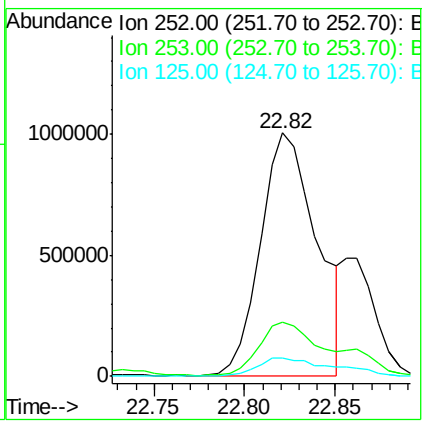


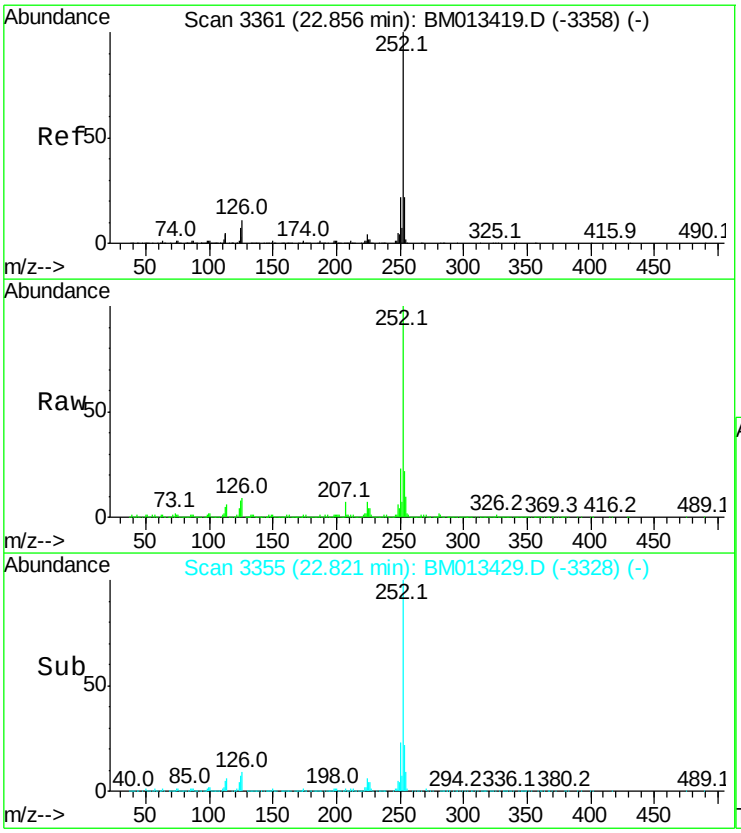
#85
Benzo(b)fluoranthene
Concen: 33.042 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2169041

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.6	3.6	5.4#

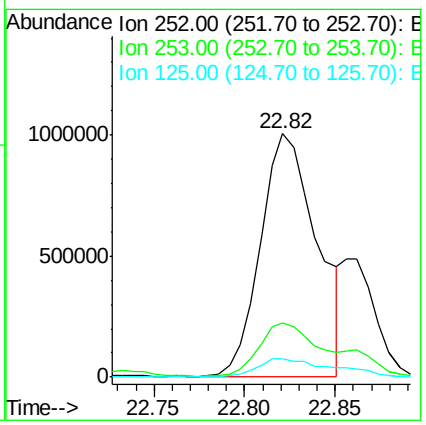


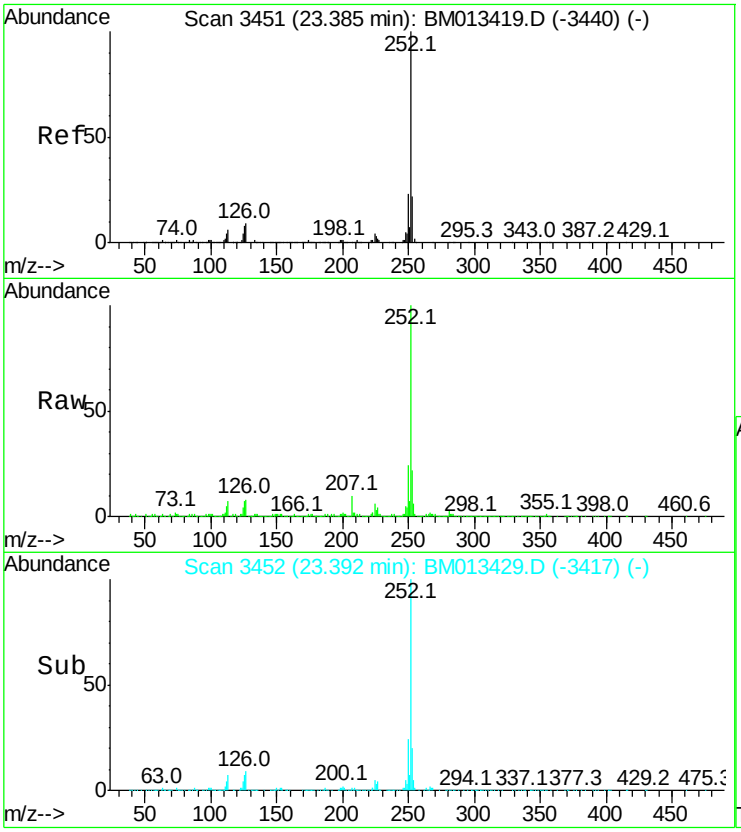


#86
Benzo(k)fluoranthene
Concen: 35.111 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:252 Resp: 2169041

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.6	3.4	5.2#



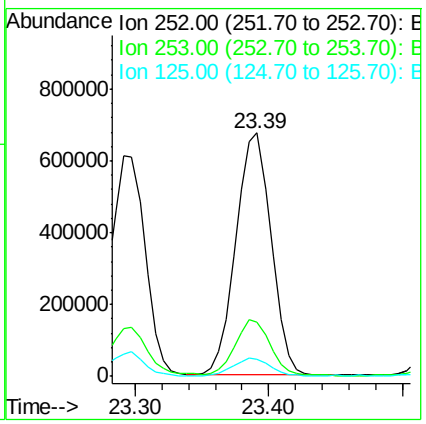


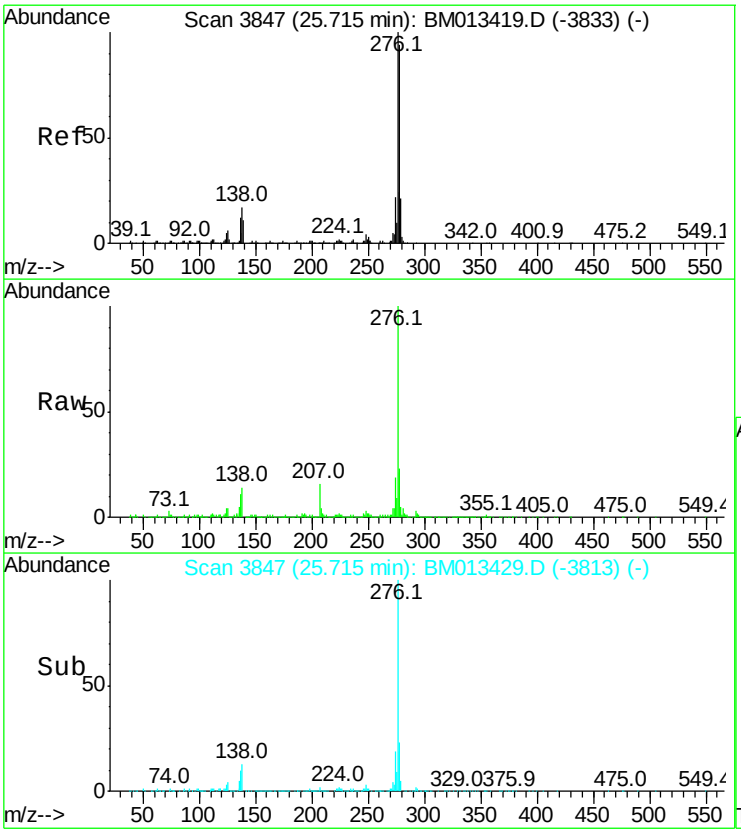
#88
Benzo(a)pyrene
Concen: 20.912 ng/ul
RT: 23.39 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1233162

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.1	4.0	6.0#

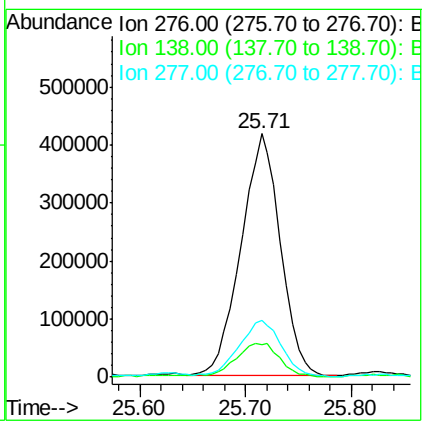


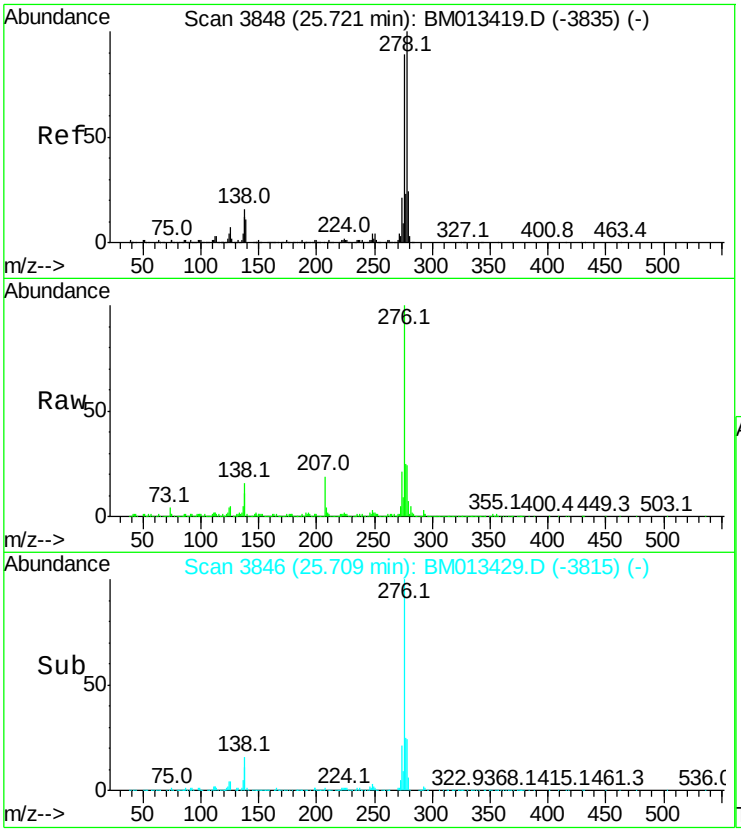


#89
Indeno(1,2,3-cd)pyrene
Concen: 18.391 ng/ul
RT: 25.71 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:276 Resp: 1076038

Ion	Ratio	Lower	Upper
276	100		
138	13.5	9.3	13.9
277	23.3	19.9	29.9



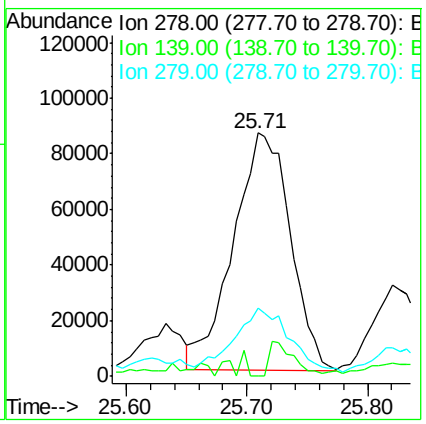


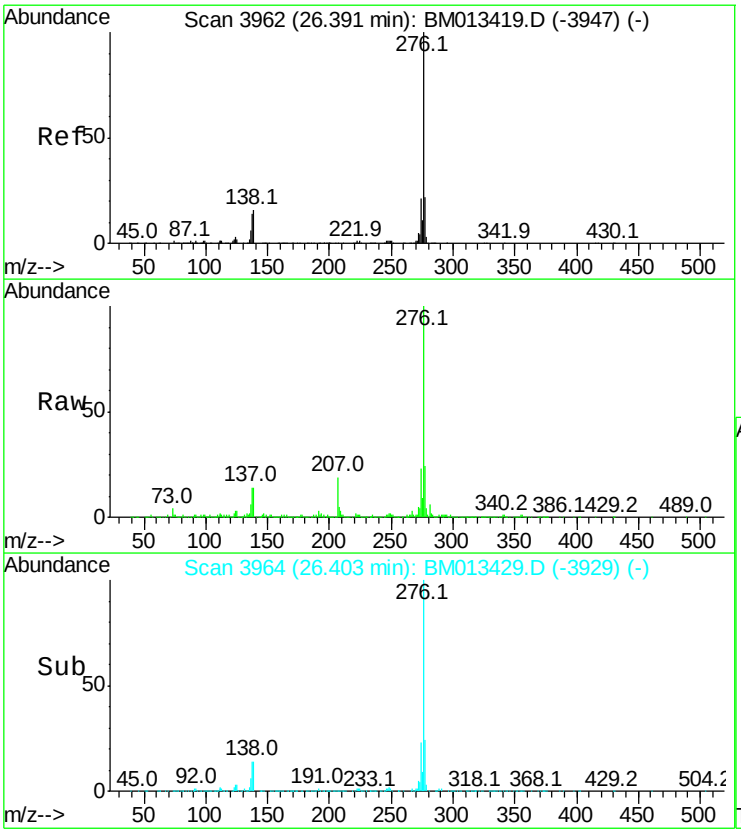
#90
Dibenzo(a,h)anthracene
Concen: 5.623 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.02 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 280143

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.0	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 21.449 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. 0.01 min
Lab File: BM013429.D
Acq: 15 Dec 2017 07:47

Tgt Ion:276 Resp: 989927

Ion	Ratio	Lower	Upper
276	100		
138	14.5	8.5	12.7#
277	24.2	18.6	28.0