Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013353.D
Acq On : 12 Dec 2017 23:35
Operator : SJ/JU
Sample : I6775-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A22

Quant Time: Dec 13 01:46:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	79418	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	384877	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	260566	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	721221	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1143391	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1168578	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	5648	3.52	ng/uL	0.00
5) Phenol-d5	6.86	99	127070	18.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	75481	19.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	107840	20.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	100547	17.13	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	57919	18.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	60325	18.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	118726	17.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	117252	18.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	452492	19.51	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	543545	19.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	54726	13.58	ng/ul	0.00
57) Fluorene-d10	15.32	176	404246	20.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	46045	10.15	ng/ul	0.00
70) Anthracene-d10	17.18	188	701271	19.41	ng/ul	0.00
76) Pyrene-d10	19.47	212	930789	16.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1070294	17.98	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	19153	2.820	ng/ul	95
44) Dimethylphthalate	13.79	163	87993	3.968	ng/ul#	99
47) Acenaphthylene	14.05	152	51069	1.929	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.96	232	37106	6.500	ng/ul	95
68) Pentachlorophenol	16.75	266	8716572	1611.902	ng/ul	98
69) Phenanthrene	17.12	178	106456	2.598	ng/ul	97
71) Anthracene	17.12	178	106456	2.542	ng/ul	98
74) Fluoranthene	19.14	202	718845	14.316	ng/ul#	95
77) Pyrene	19.50	202	871979	12.553	ng/ul#	95
80) Benzo(a)anthracene	21.25	228	335652	4.627	ng/ul	97
82) Chrysene	21.30	228	517141	7.684	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	809349	10.274	ng/ul#	97
86) Benzo(k)fluoranthene	22.83	252	809349	10.918	ng/ul#	95
88) Benzo(a)pyrene	23.40	252	296682	4.193	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.72	276	162967	2.321	ng/ul#	94
91) Benzo(g,h,i)perylene	26.40	276	108926	1.967	ng/ul	97

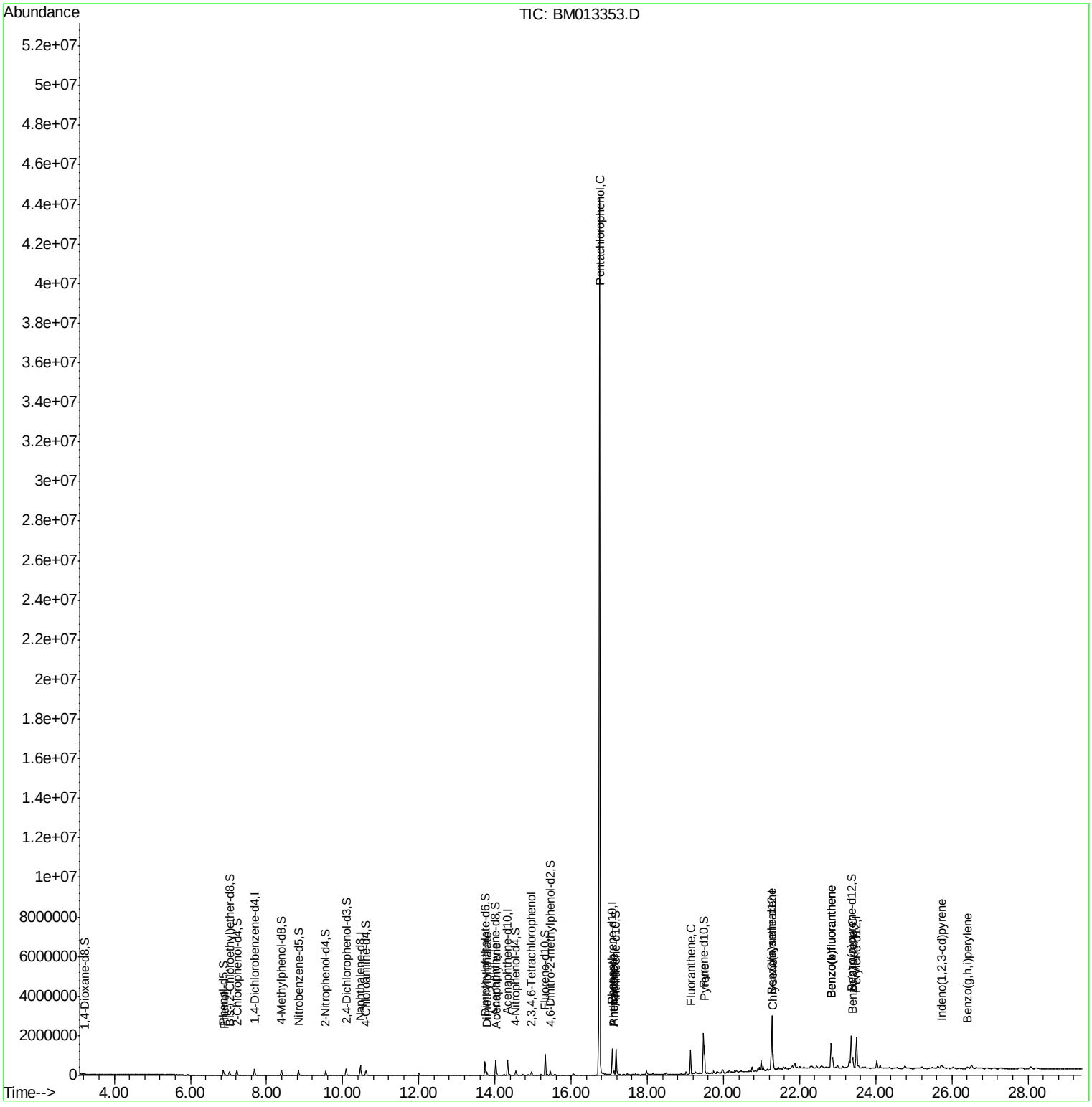
(#) = qualifier out of range (m) = manual integration (+) = signals summed

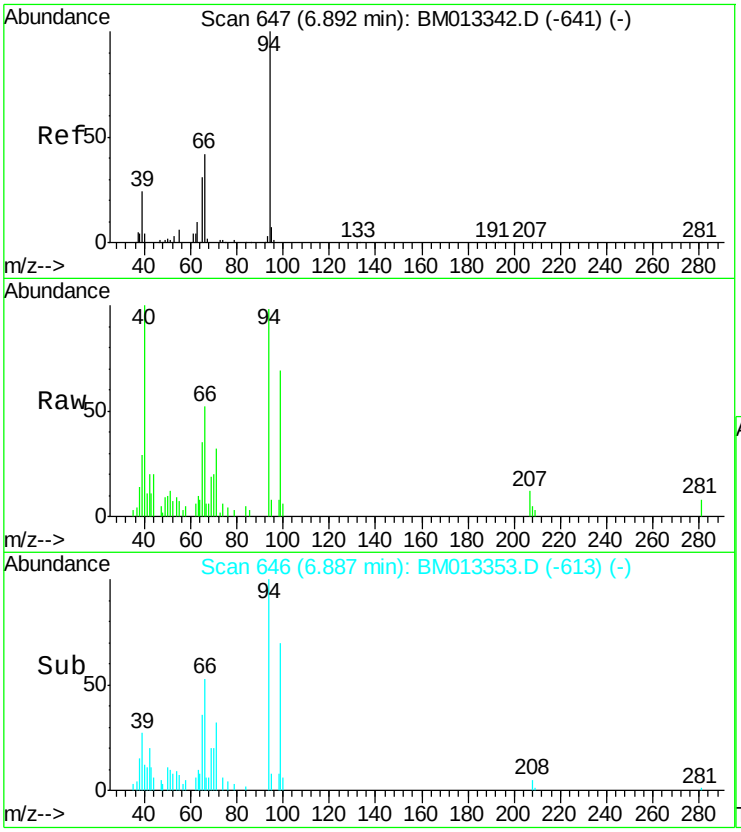
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013353.D
Acq On : 12 Dec 2017 23:35
Operator : SJ/JU
Sample : I6775-10
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A22

Quant Time: Dec 13 01:46:53 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration



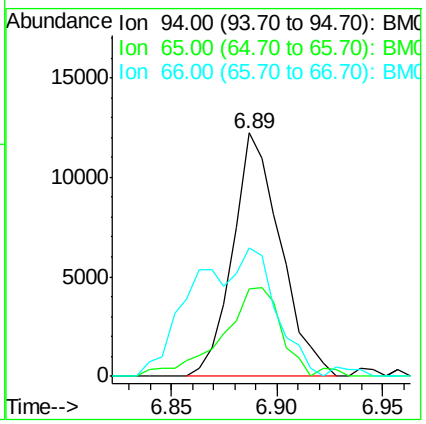


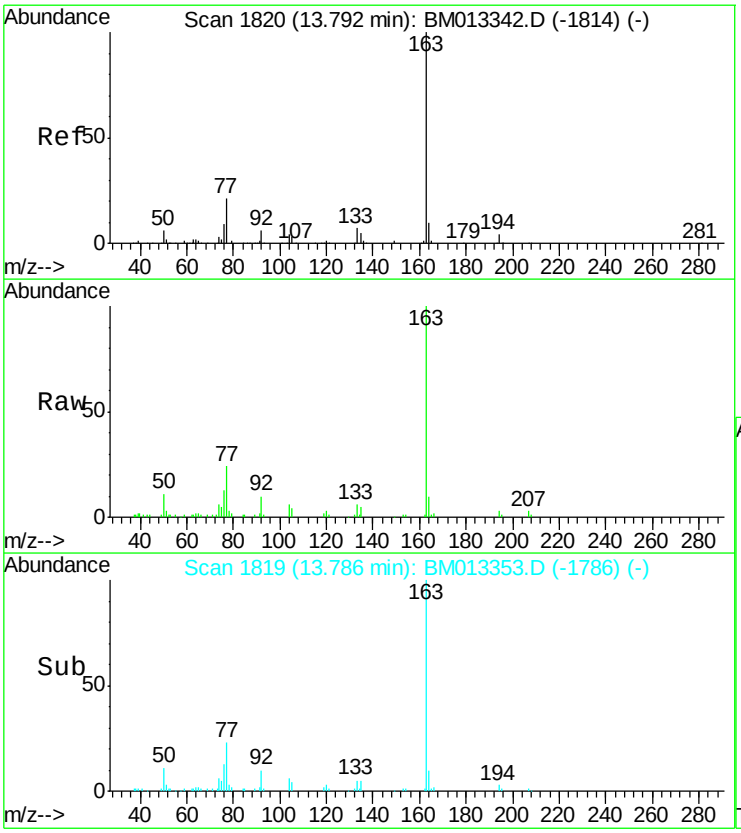
#6
Phenol
Concen: 2.820 ng/ul
RT: 6.89 min Scan# 646
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion: 94 Resp: 19153

Ion	Ratio	Lower	Upper
94	100		
65	35.8	28.2	42.4
66	52.9	47.2	70.8

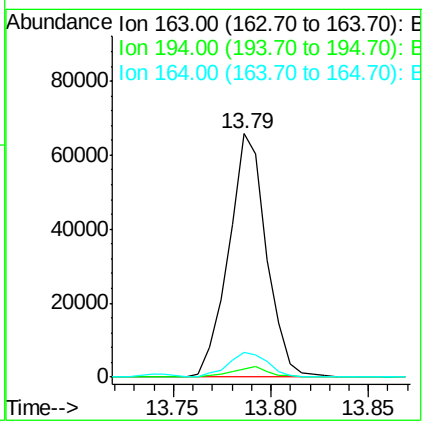


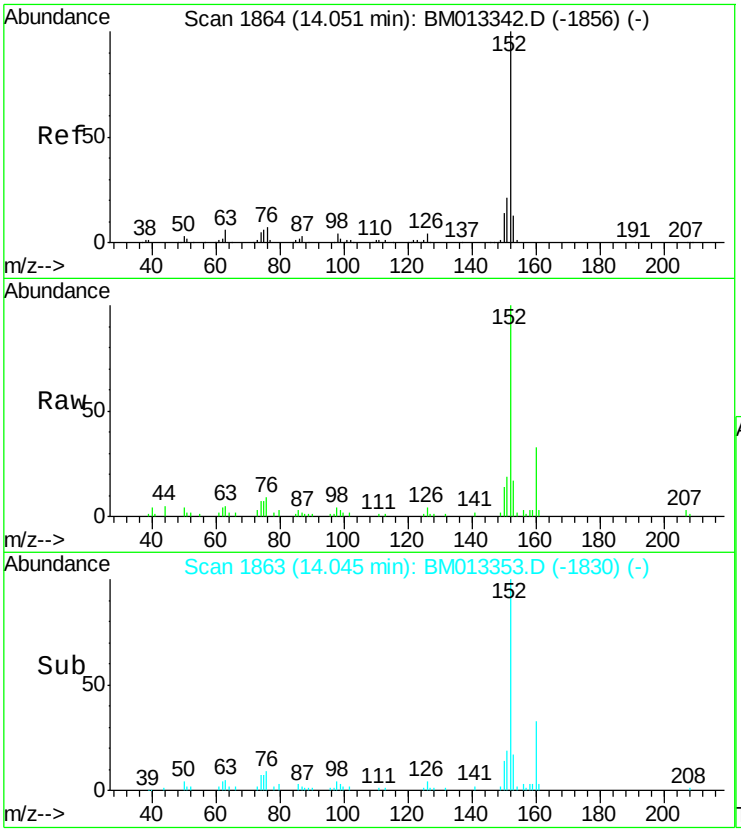


#44
Dimethylphthalate
Concen: 3.968 ng/ul
RT: 13.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:163 Resp: 87993

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	10.4	8.2	12.4



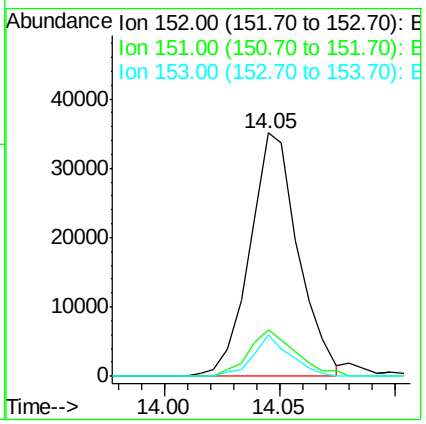


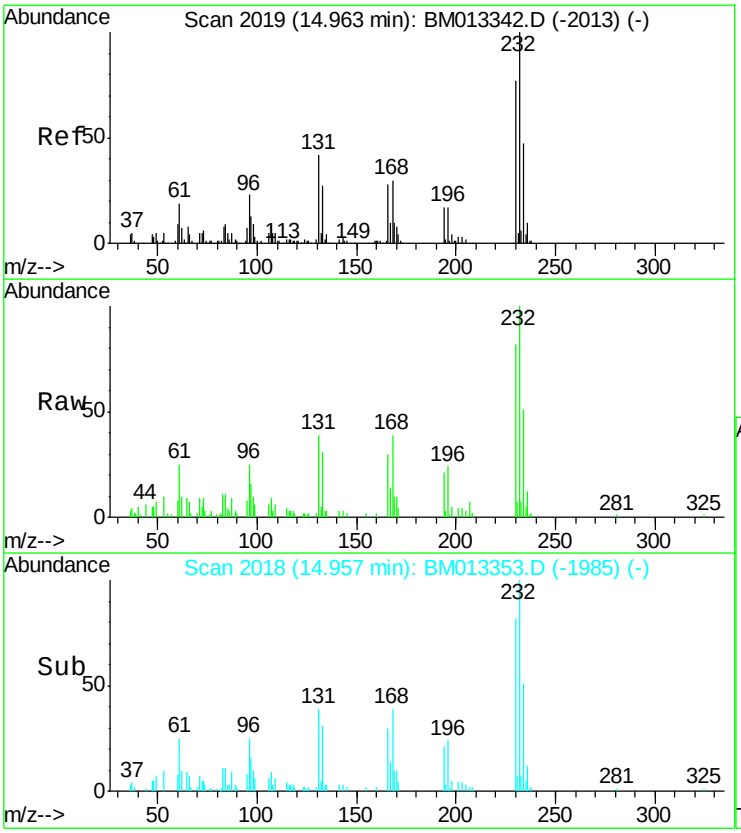
#47
Acenaphthylene
Concen: 1.929 ng/ul
RT: 14.05 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:152 Resp: 51069

Ion	Ratio	Lower	Upper
152	100		
151	18.9	16.3	24.5
153	17.2	10.2	15.4#

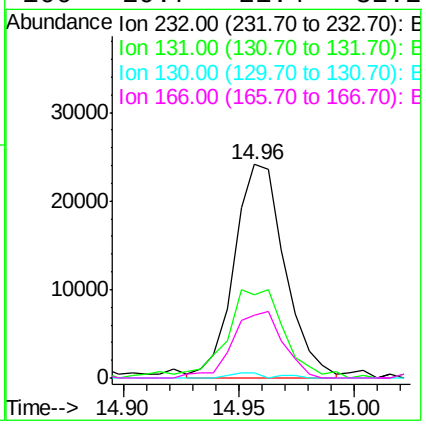


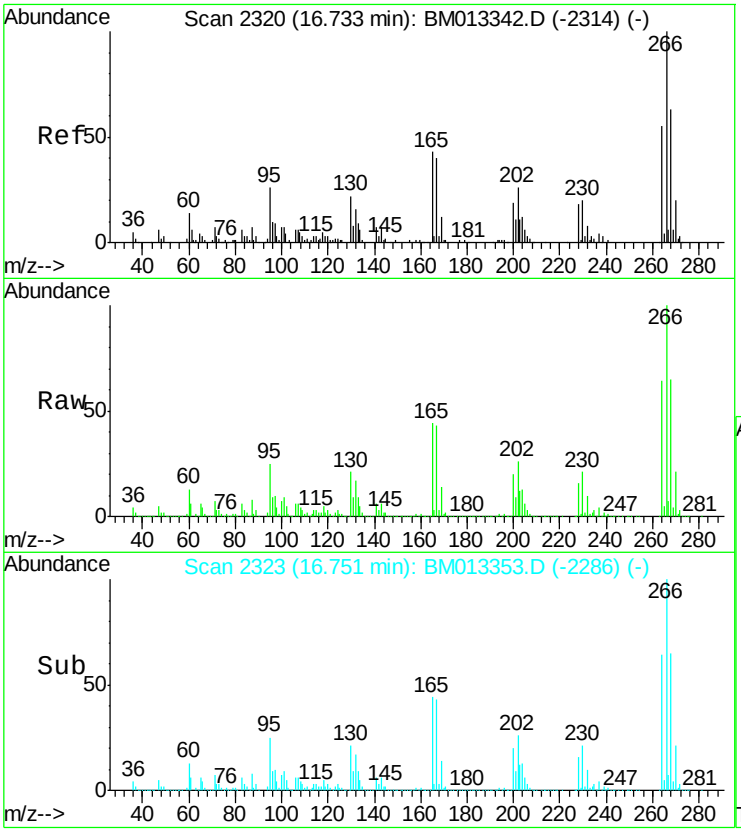


#55
2,3,4,6-Tetrachlorophenol
Concen: 6.500 ng/ul
RT: 14.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:232 Resp: 37106

Ion	Ratio	Lower	Upper
232	100		
131	39.0	29.0	43.4
130	2.2	2.0	3.0
166	29.7	21.4	32.2



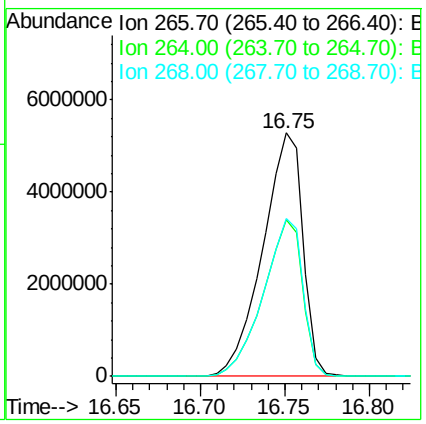


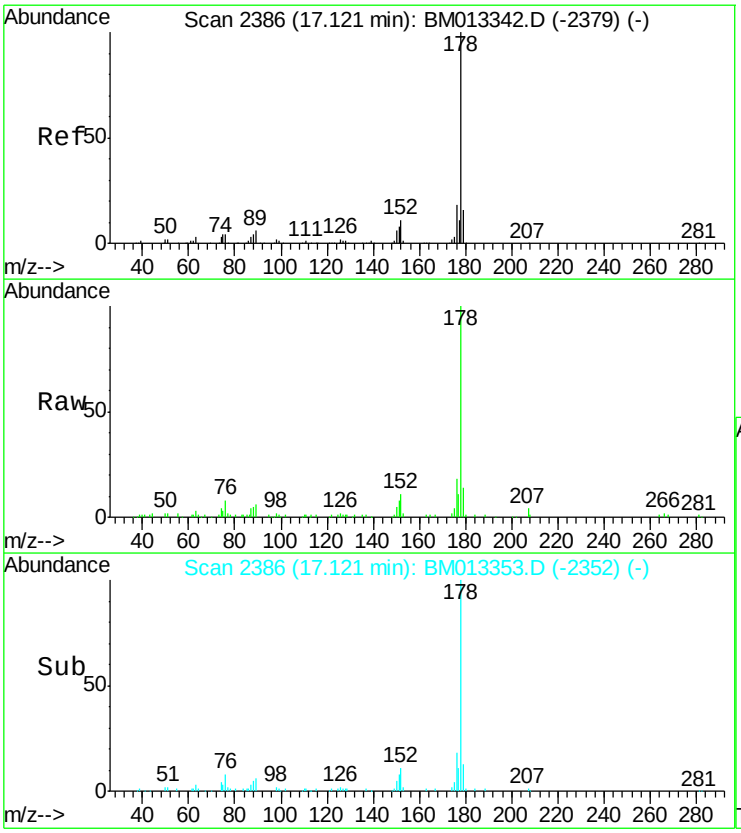
#68
Pentachlorophenol
Concen: 1611.902 ng/ul
RT: 16.75 min Scan# 2323
Delta R.T. 0.02 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:266 Resp: 8716572

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.3	73.9
268	64.6	52.6	78.8

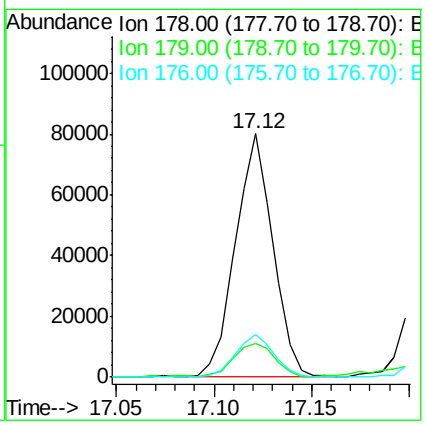


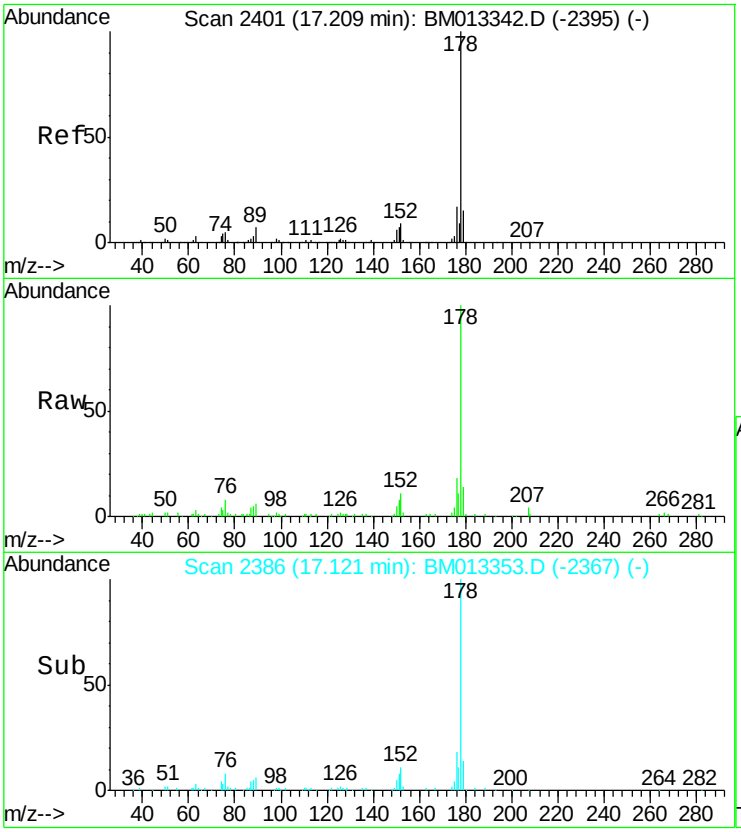


#69
Phenanthrene
Concen: 2.598 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:178 Resp: 106456

Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.6	19.0
176	17.7	14.9	22.3



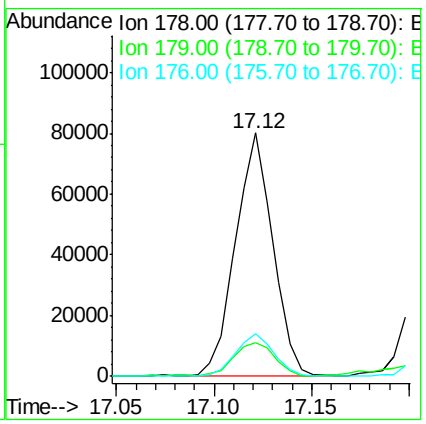


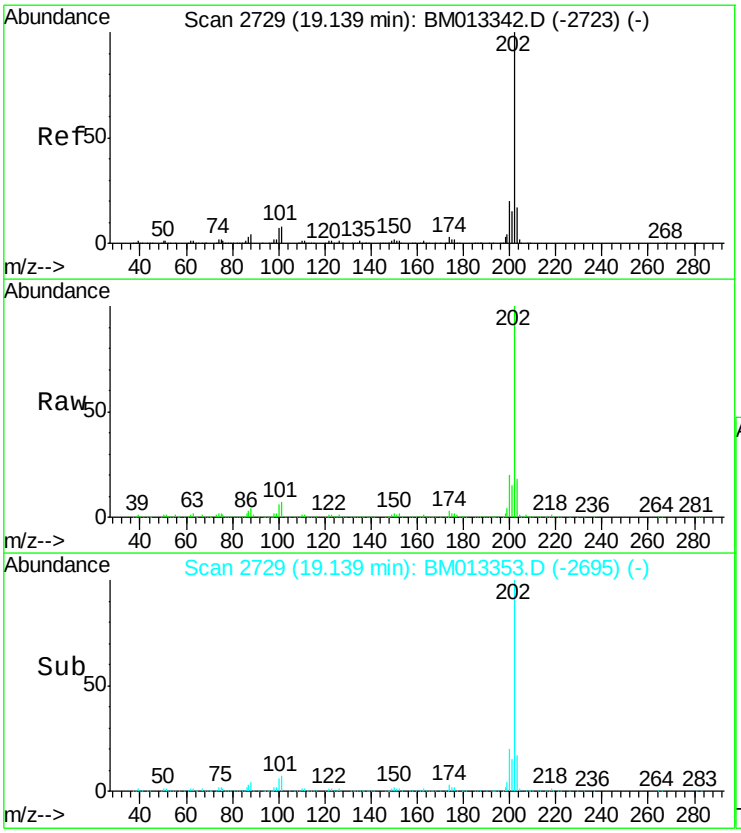
#71
Anthracene
Concen: 2.542 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.09 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:178 Resp: 106456

Ion	Ratio	Lower	Upper
178	100		
179	13.8	11.7	17.5
176	17.7	14.6	21.8

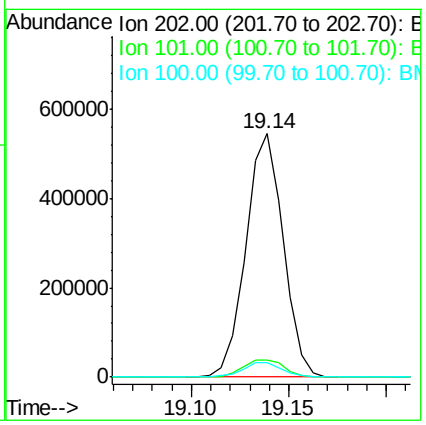


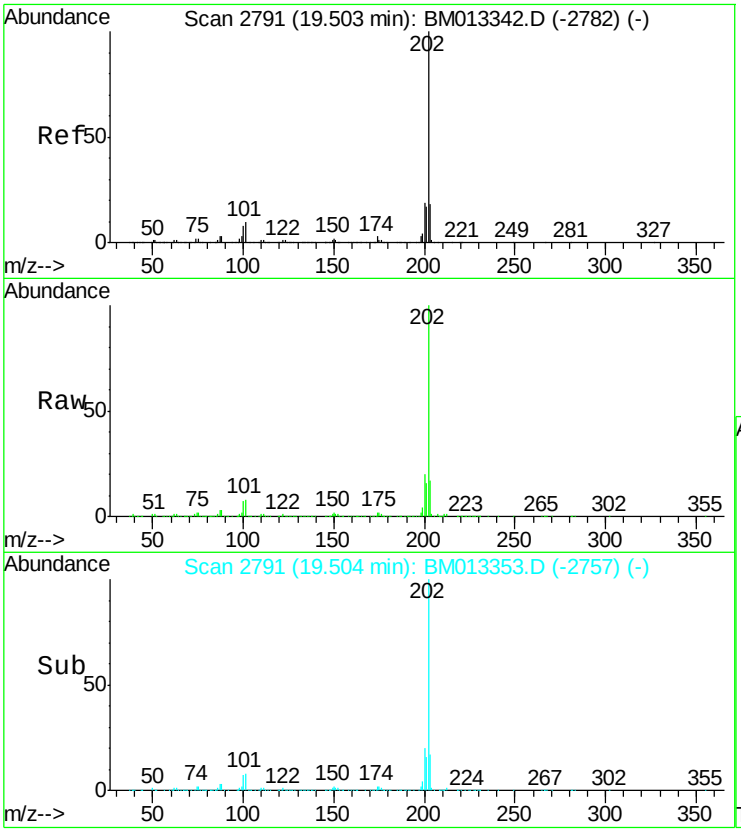


#74
Fluoranthene
Concen: 14.316 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:202 Resp: 718845

Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	6.1	3.4	5.2#



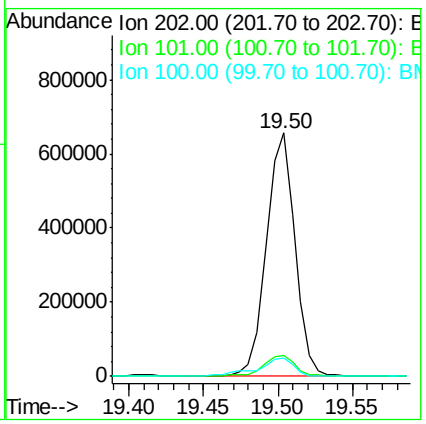


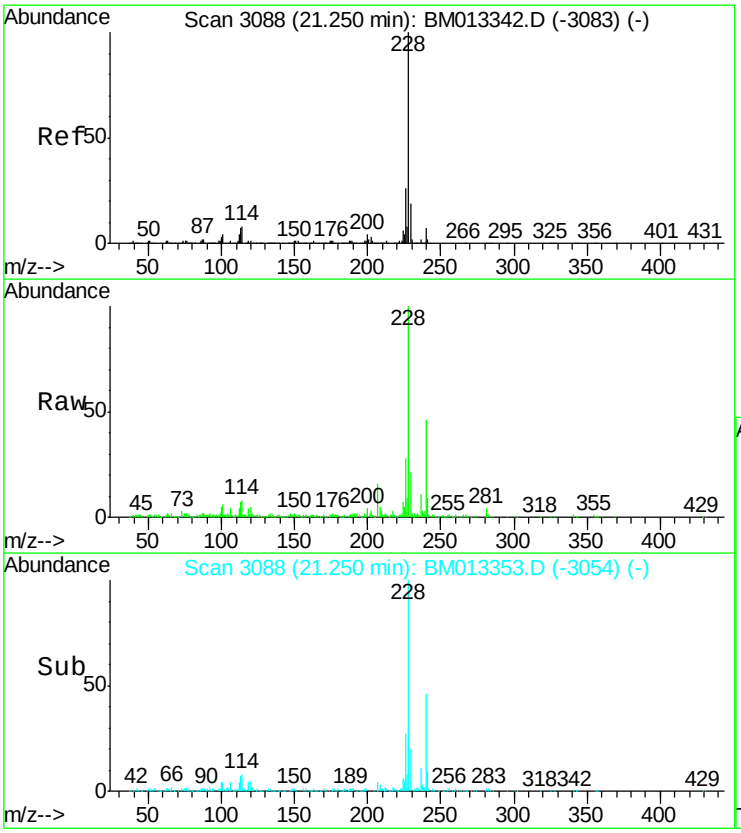
#77
Pyrene
Concen: 12.553 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:202 Resp: 871979

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.1	7.7#
100	7.4	4.9	7.3#

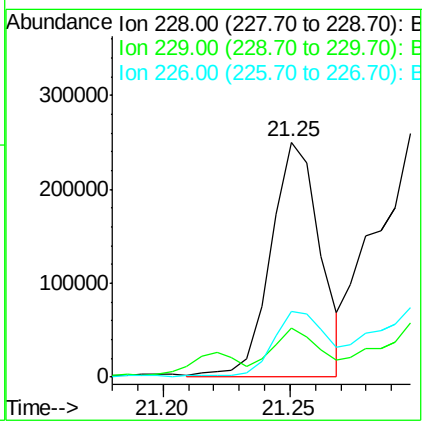


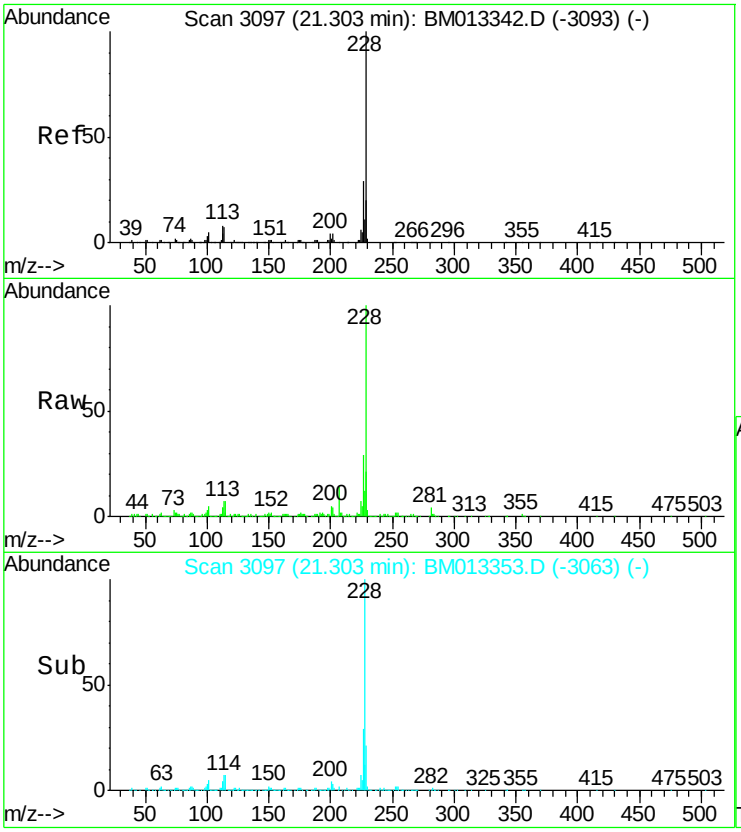


#80
Benzo(a)anthracene
Concen: 4.627 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:228 Resp: 335652

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	27.8	21.4	32.0



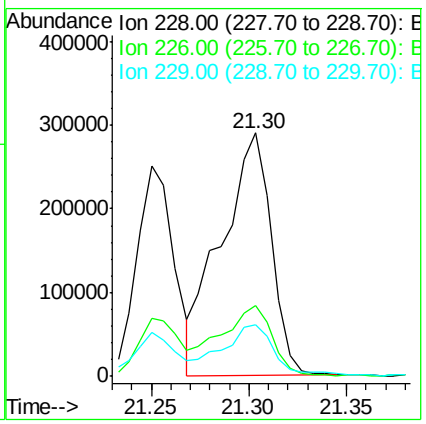


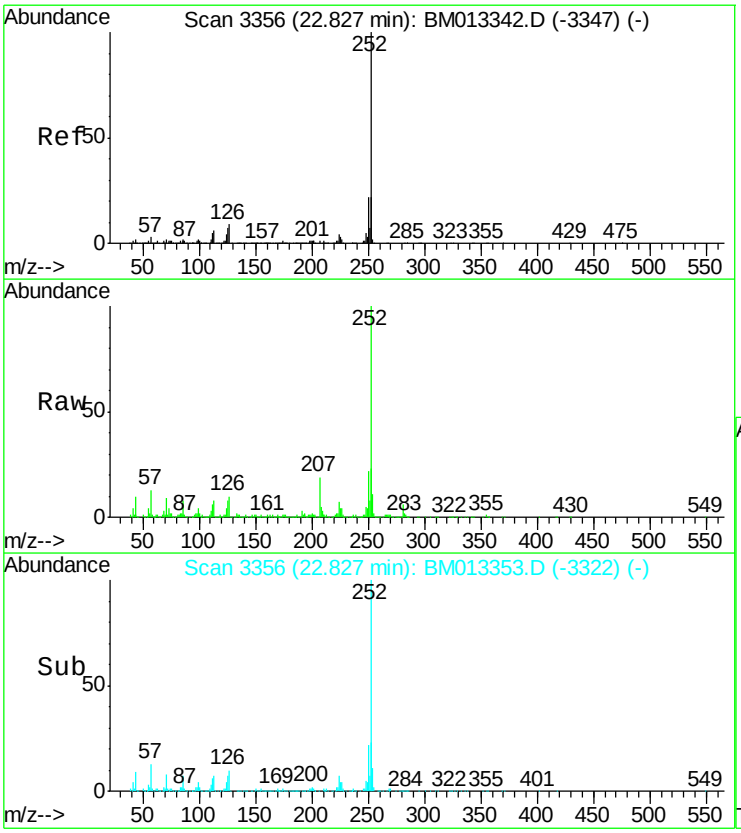
#82
Chrysene
Concen: 7.684 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:228 Resp: 517141

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.2
229	21.0	15.5	23.3

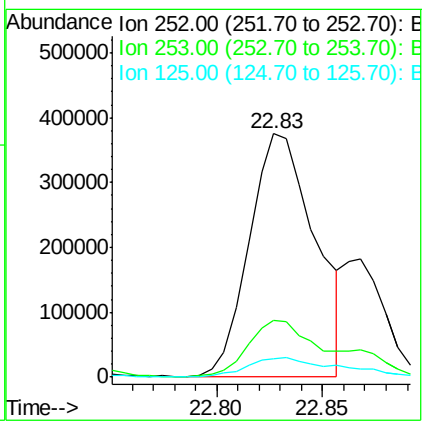


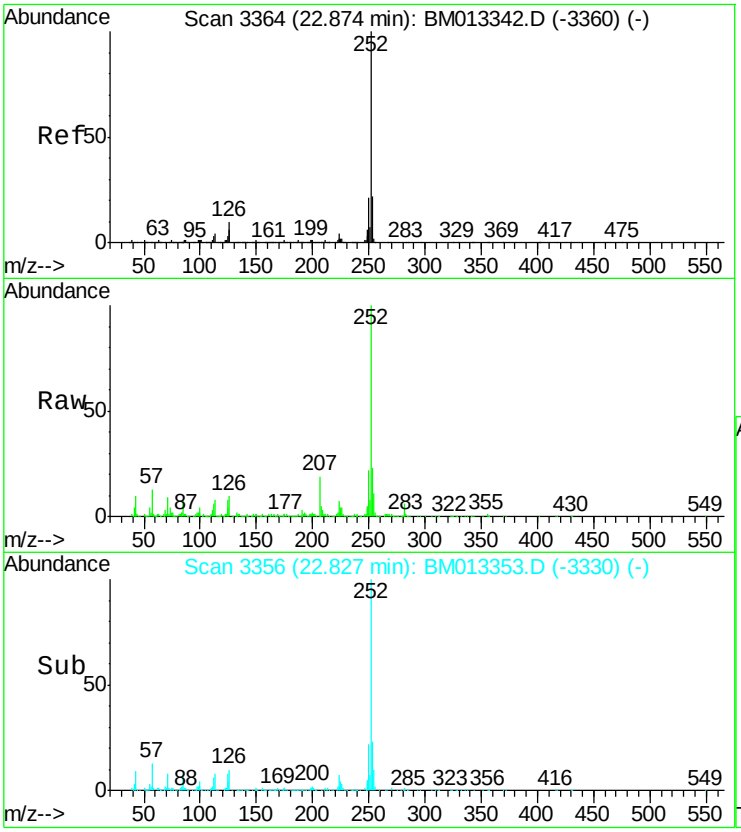


#85
Benzo(b)fluoranthene
Concen: 10.274 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:252 Resp: 809349

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	7.6	3.6	5.4#



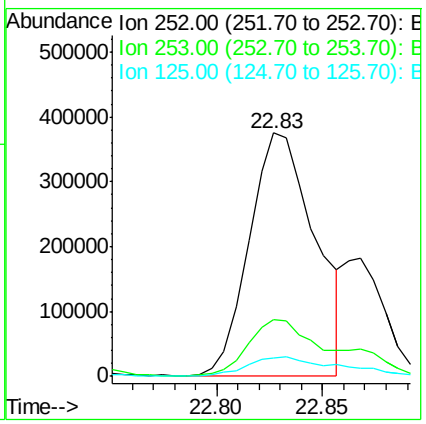


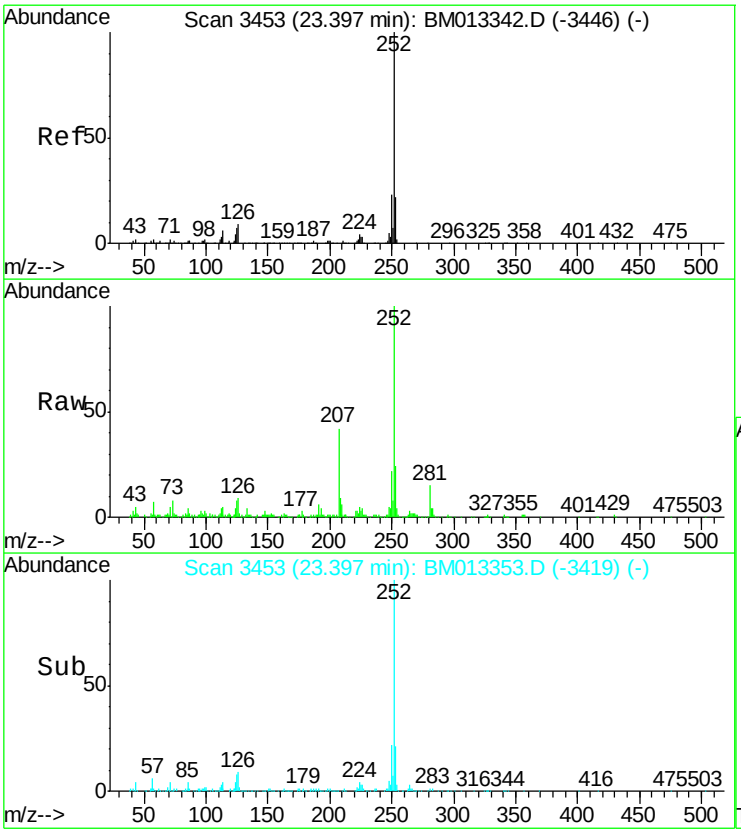
#86
Benzo(k)fluoranthene
Concen: 10.918 ng/ul
RT: 22.83 min Scan# 3356
Delta R.T. -0.05 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:252 Resp: 809349

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	7.6	3.4	5.2#

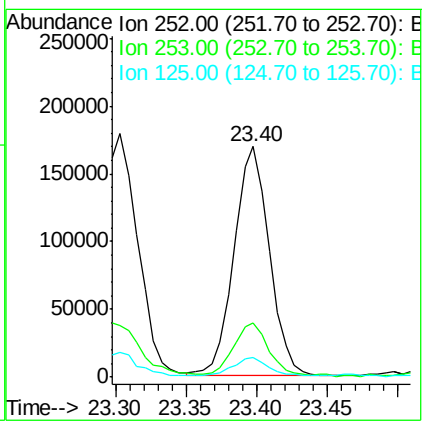


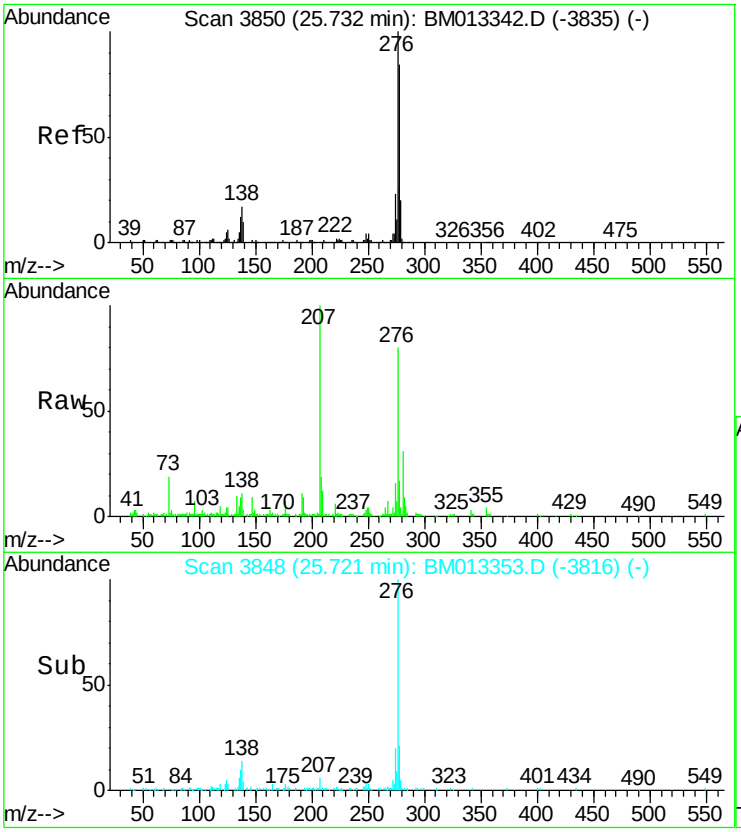


#88
Benzo(a)pyrene
Concen: 4.193 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:252 Resp: 296682

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	8.4	4.0	6.0#



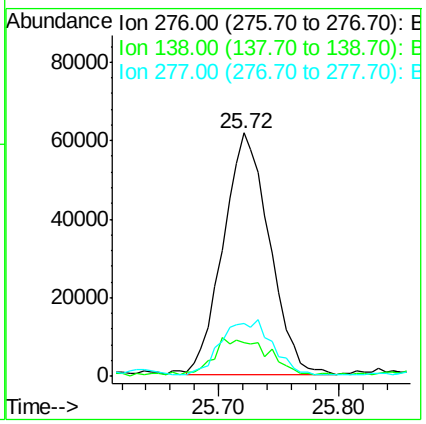


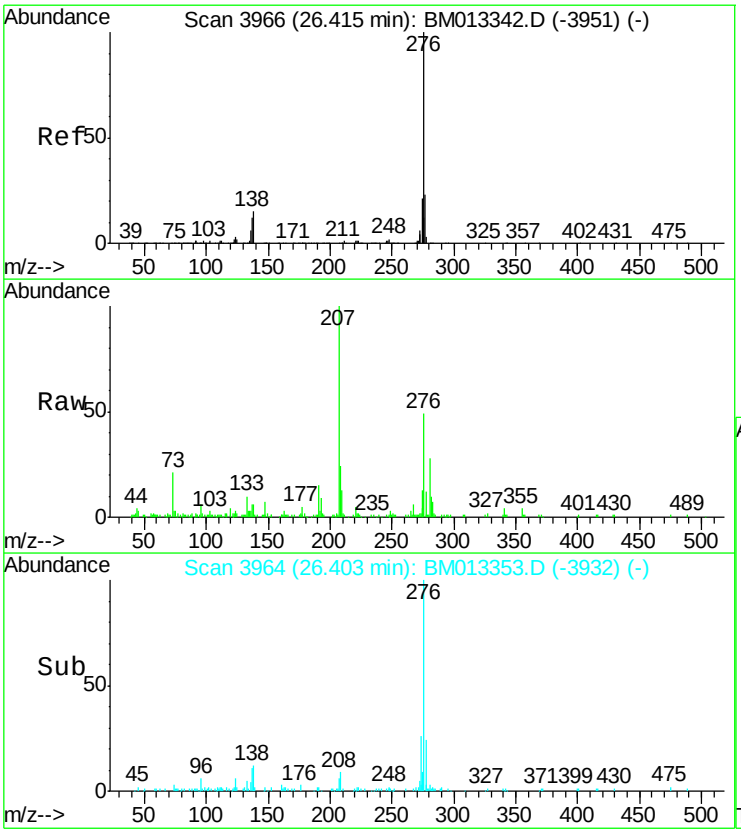
#89
Indeno(1,2,3-cd)pyrene
Concen: 2.321 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Instrument :
BNA_M
ClientSampleId :
F9A22

Tgt Ion:276 Resp: 162967

Ion	Ratio	Lower	Upper
276	100		
138	14.0	9.3	13.9#
277	21.7	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.967 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013353.D
Acq: 12 Dec 2017 23:35

Tgt Ion:276 Resp: 108926

Ion	Ratio	Lower	Upper
276	100		
138	11.5	8.5	12.7
277	24.8	18.6	28.0