Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014343.D
Acq On : 23 Feb 2018 22:32
Operator : SJ/JU
Sample : J1631-07 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 23 23:20:21 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	121855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	538329	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	322307	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	689150	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	678062	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	565876	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	1036	0.36	ng/uL	0.00
5) Phenol-d5	6.80	99	436	0.04	ng/ul	0.08
7) Bis-(2-Chloroethyl)ether-d	6.88	67	15033	2.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	19095	2.42	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	15356	1.70	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	8346	2.10	ng/ul	0.02
22) 2-Nitrophenol-d4	9.41	143	8329	2.02	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.97	165	3211	0.38	ng/ul	0.04
29) 4-Chloroaniline-d4	10.50	131	5208	0.62	ng/ul	0.04
43) Dimethylphthalate-d6	13.61	166	73944	2.78	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	91062	2.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	136	0.04	ng/ul	0.11
57) Fluorene-d10	15.19	176	64995	2.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	3502	0.85	ng/ul	0.03
70) Anthracene-d10	17.04	188	97293	2.93	ng/ul	0.00
76) Pyrene-d10	19.34	212	111143	3.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	80586	2.93	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	47472	1.809	ng/ul#	97
69) Phenanthrene	16.98	178	141974	3.576	ng/ul	98
71) Anthracene	16.98	178	141974	3.555	ng/ul	97
74) Fluoranthene	19.01	202	233398	4.920	ng/ul#	96
77) Pyrene	19.37	202	215506	4.782	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	107132	2.532	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	390208	14.623	ng/ul#	97
82) Chrysene	21.19	228	105507	2.673	ng/ul	98
85) Benzo(b)fluoranthene	22.68	252	110596	2.919	ng/ul#	85
86) Benzo(k)fluoranthene	22.68	252	110596	3.070	ng/ul#	83
88) Benzo(a)pyrene	23.22	252	78705	2.325	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.47	276	54309	1.653	ng/ul#	86
91) Benzo(g,h,i)perylene	26.13	276	42529	1.598	ng/ul#	69

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

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Quant Title : SVOA CALIBRATION
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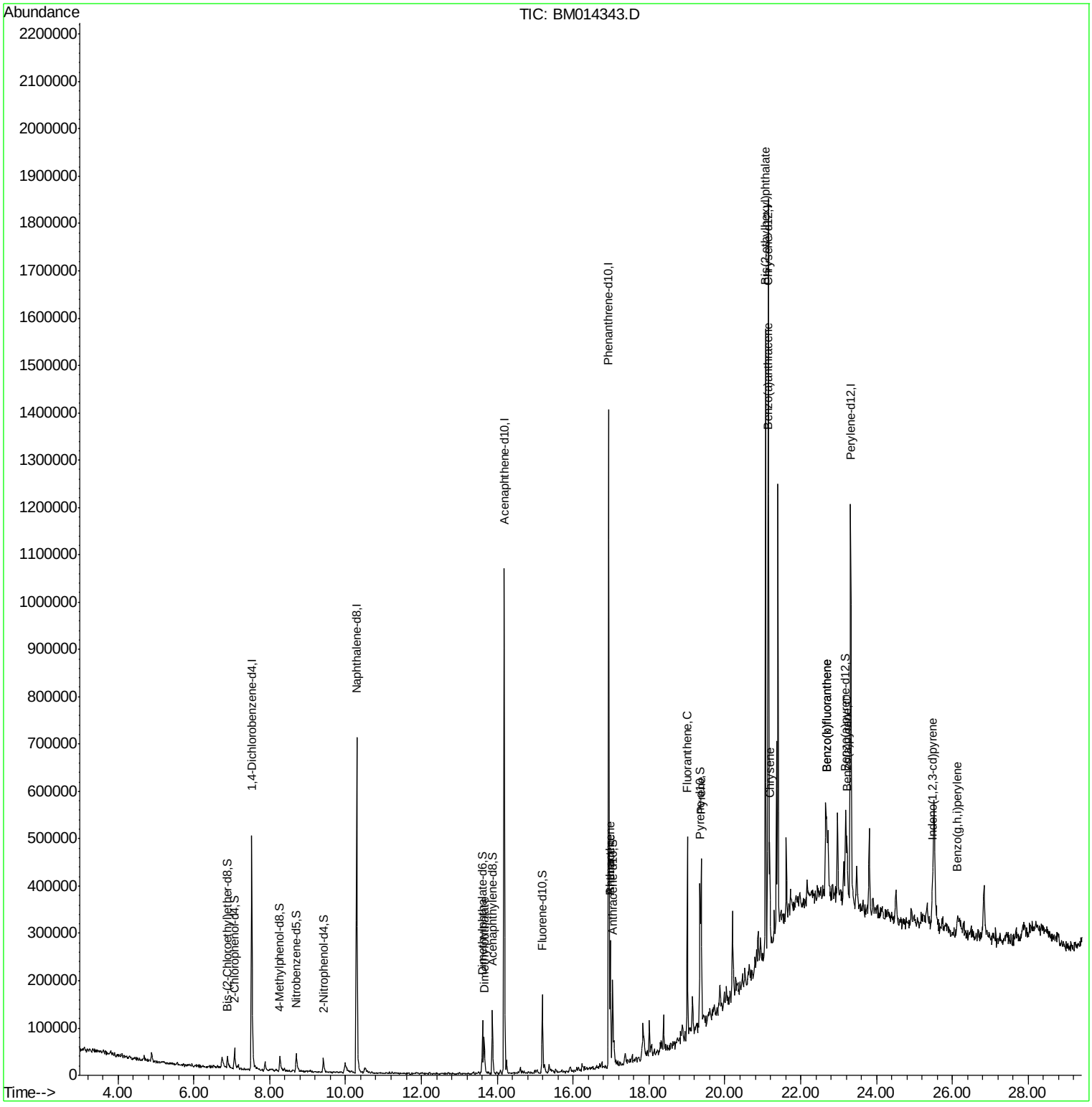
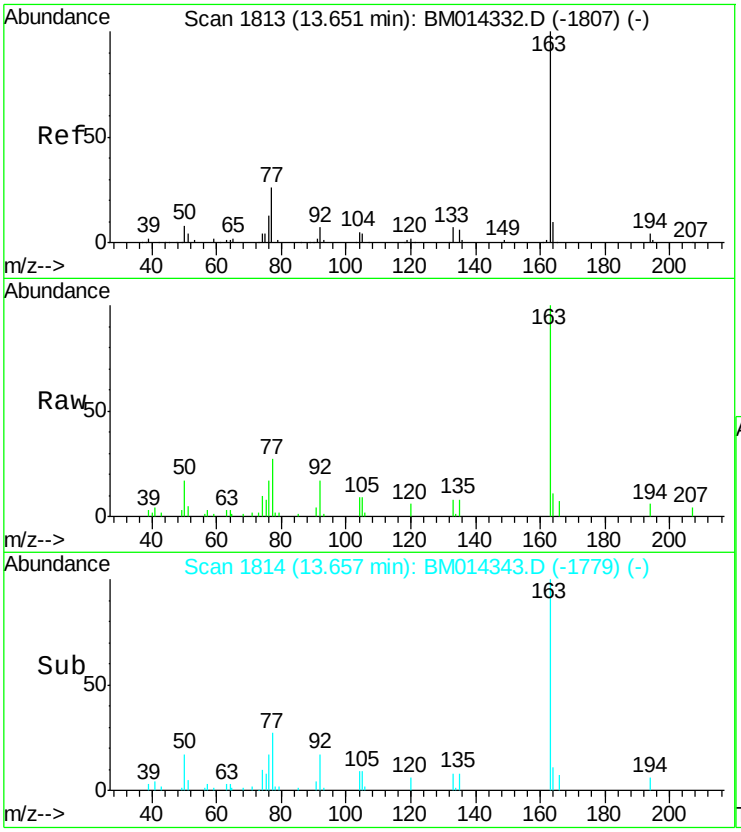


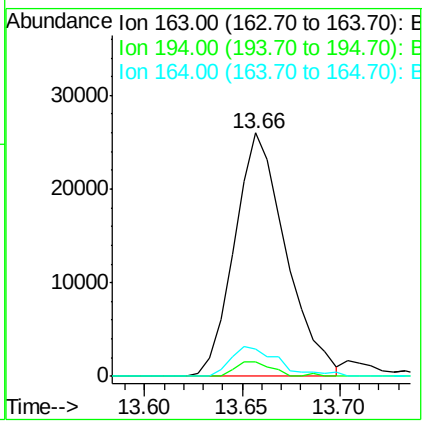


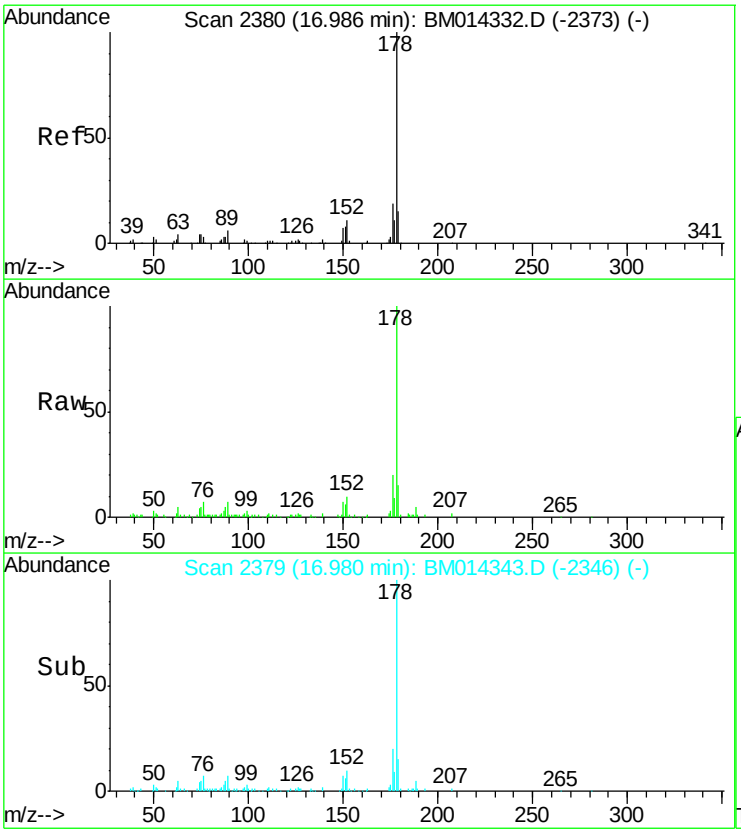
#44
Dimethylphthalate
Concen: 1.809 ng/ul
RT: 13.66 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 47472

Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.5	5.3#
164	11.0	8.2	12.4

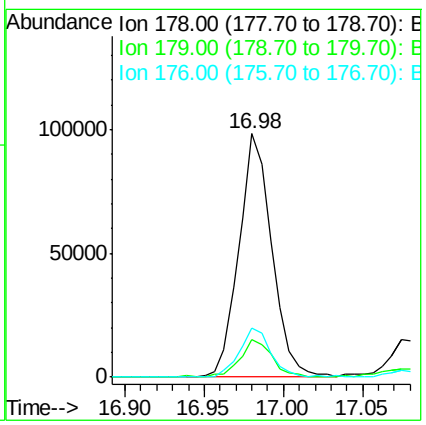


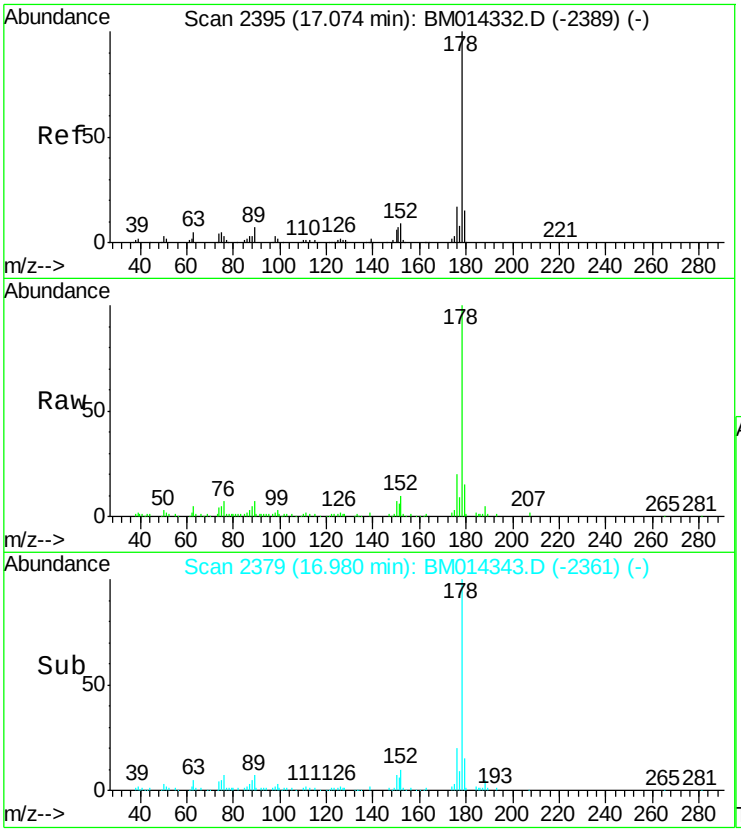


#69
Phenanthrene
Concen: 3.576 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:178 Resp: 141974

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.9	14.9	22.3



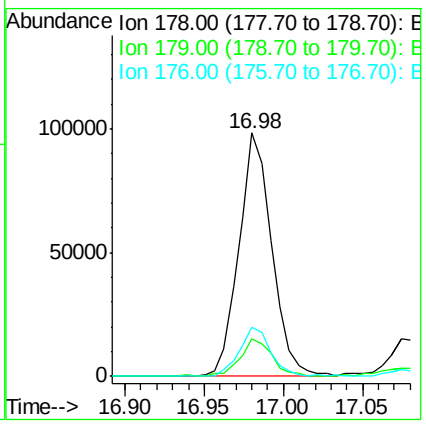


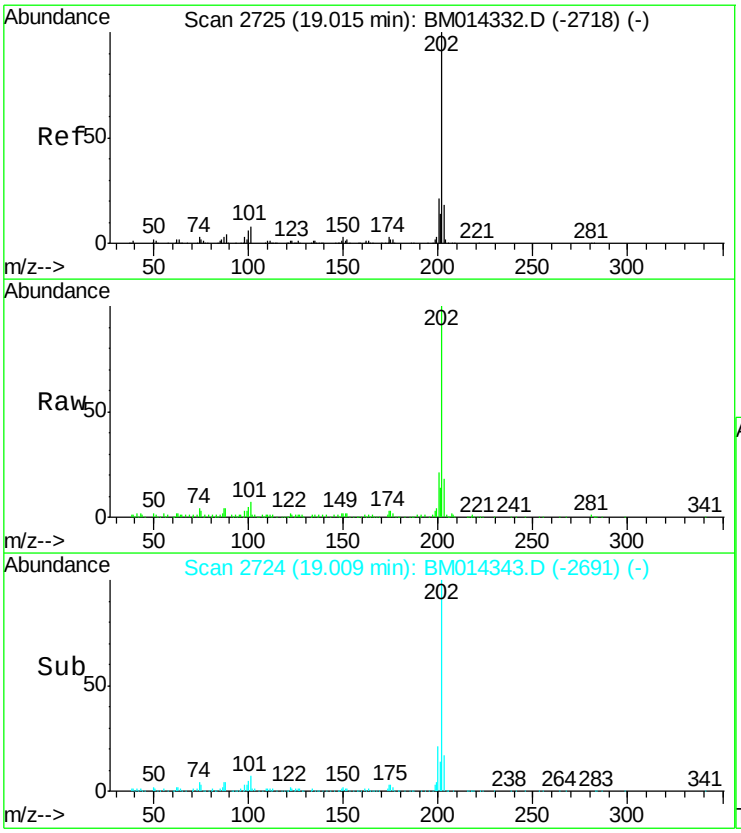
#71
Anthracene
Concen: 3.555 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.09 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 141974

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	19.9	14.6	21.8

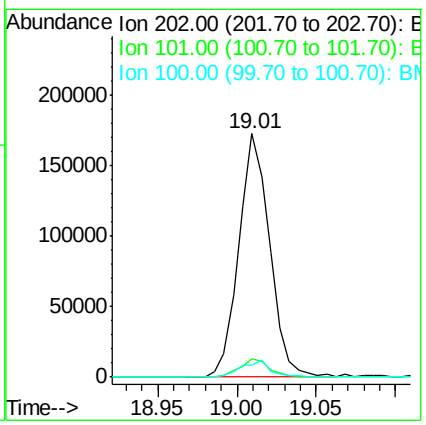


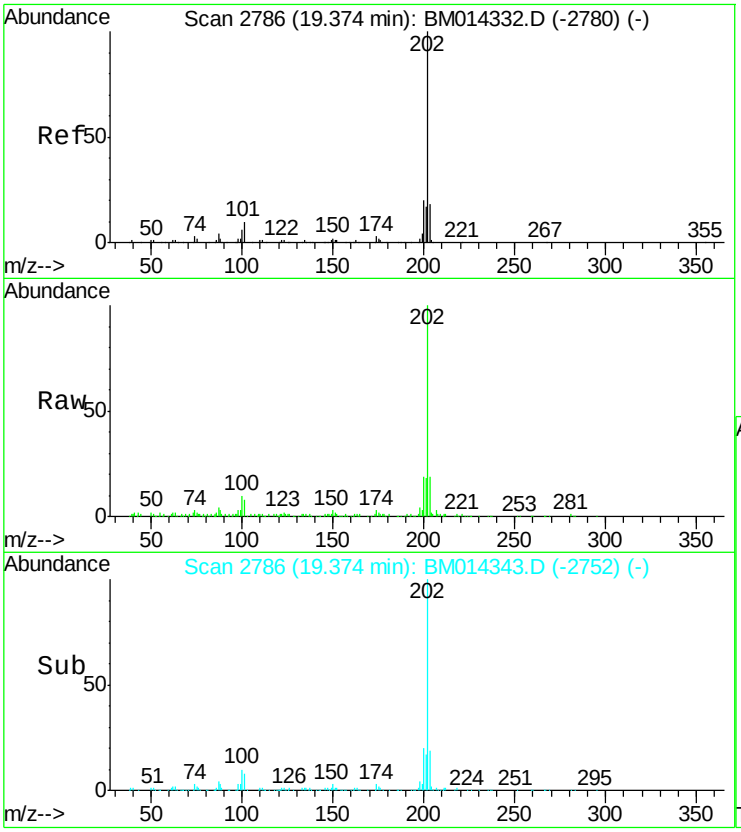


#74
Fluoranthene
Concen: 4.920 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:202 Resp: 233398

Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	5.0	3.4	5.2



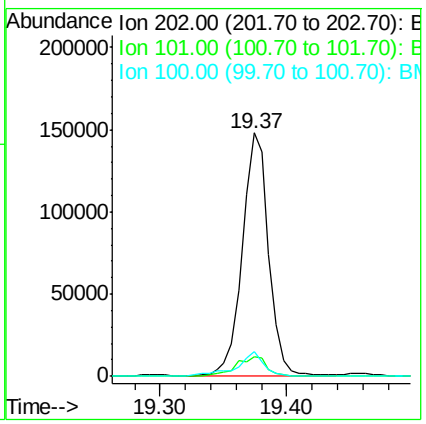


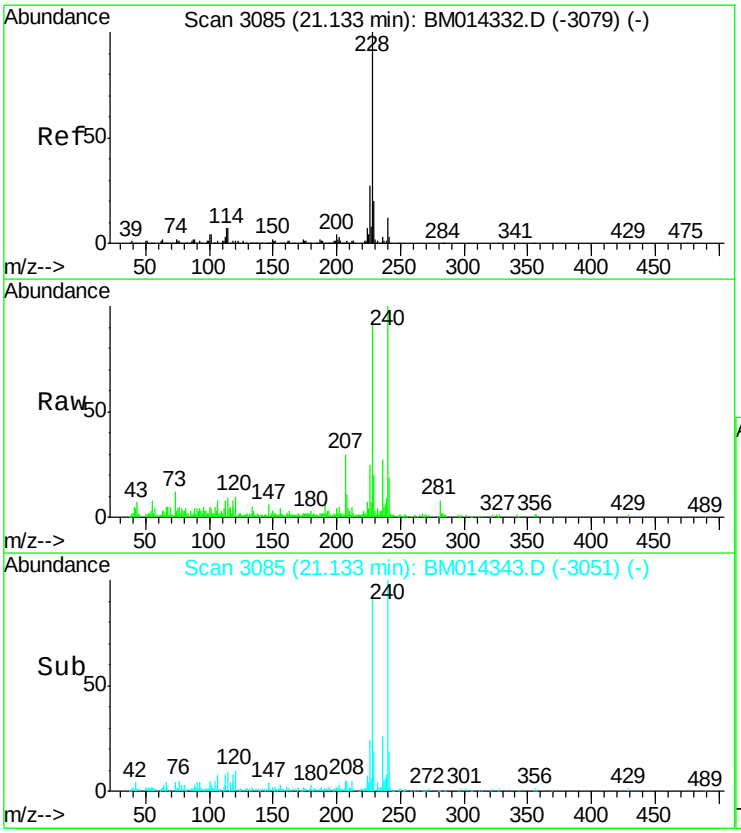
#77
Pyrene
Concen: 4.782 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 215506

Ion	Ratio	Lower	Upper
202	100		
101	7.9	5.1	7.7#
100	10.0	4.9	7.3#

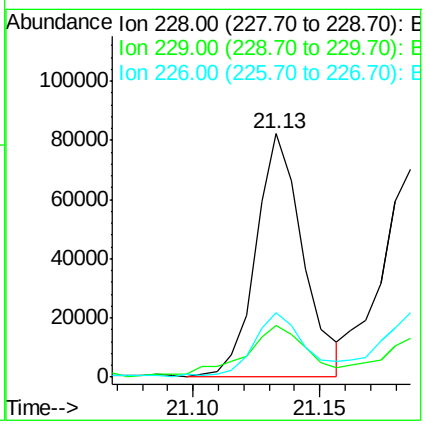


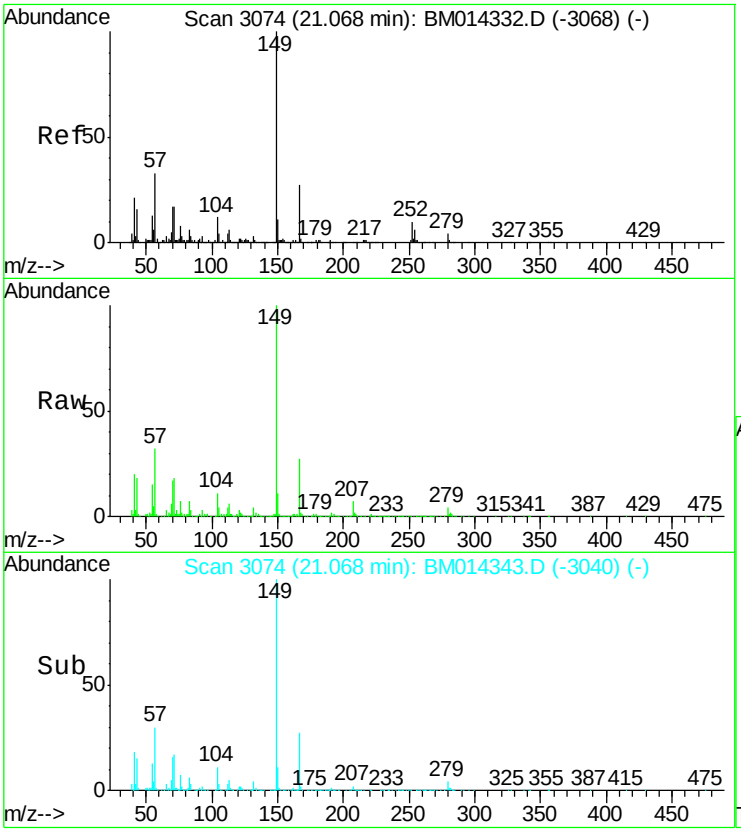


#80
Benzo(a)anthracene
Concen: 2.532 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:228 Resp: 107132

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	26.5	21.4	32.0



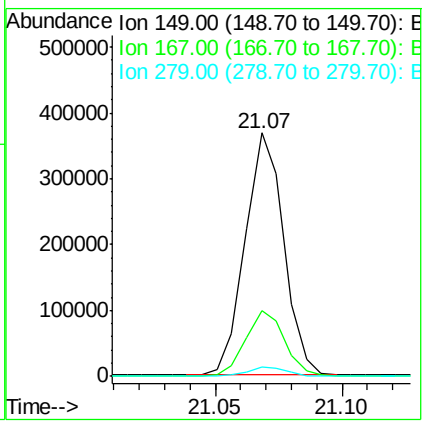


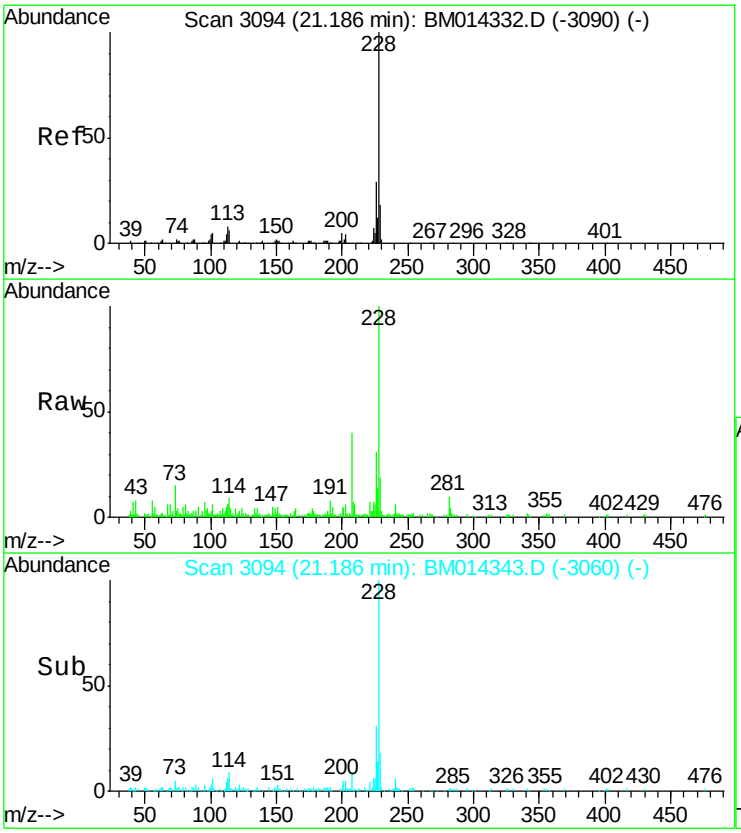
#81
Bis(2-ethylhexyl)phthalate
Concen: 14.623 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:149 Resp: 390208

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.8	34.2
279	4.0	4.9	7.3#

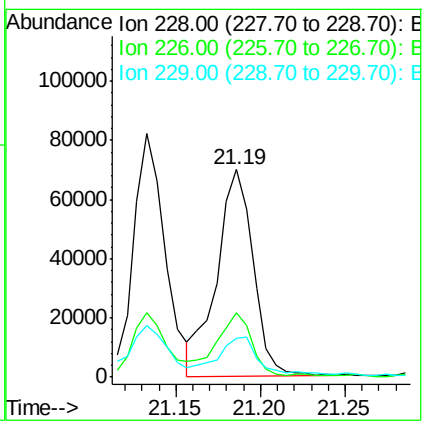


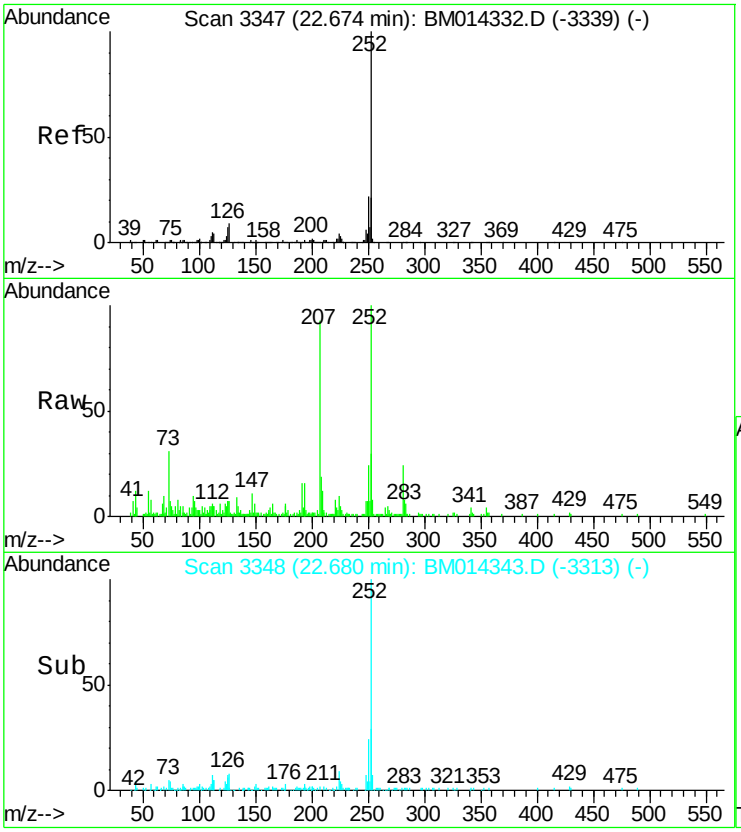


#82
Chrysene
Concen: 2.673 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:228 Resp: 105507

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	18.9	15.5	23.3



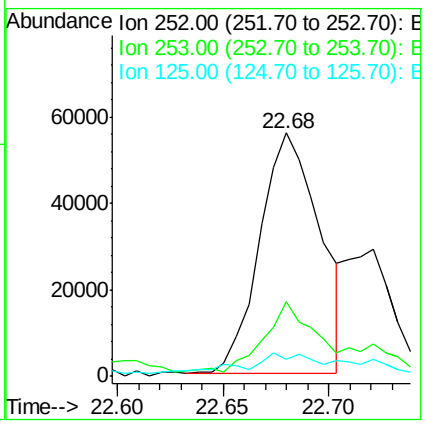


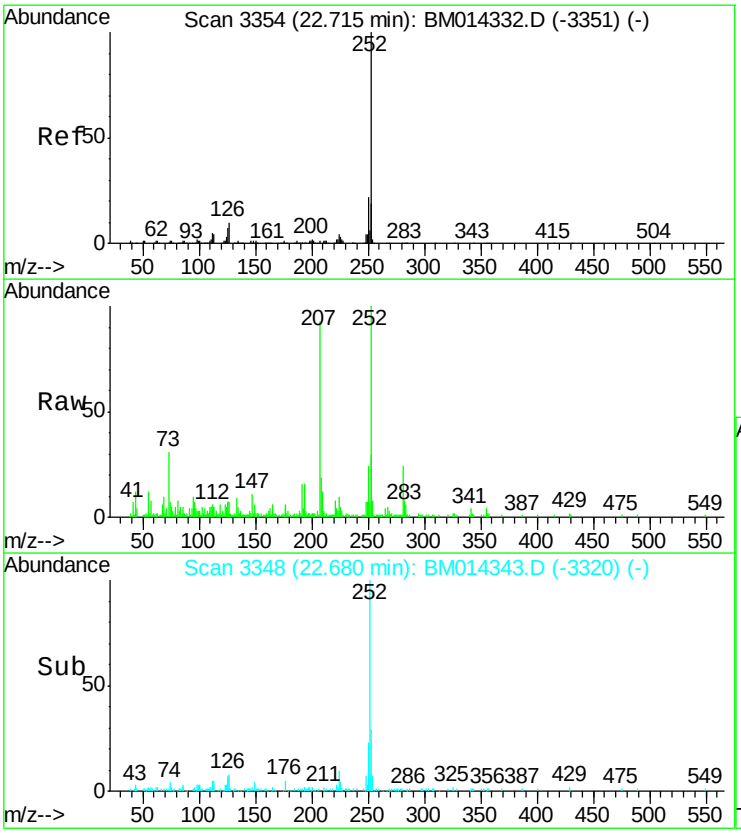
#85
Benzo(b)fluoranthene
Concen: 2.919 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 110596

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.9	26.9#
125	7.2	3.6	5.4#

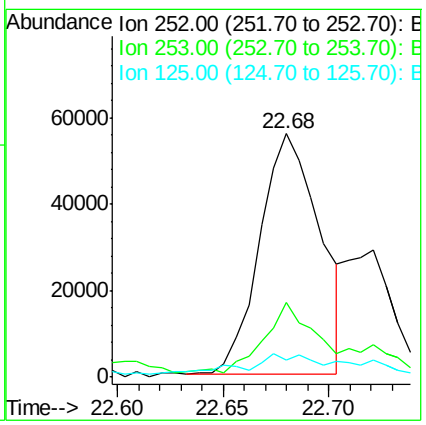


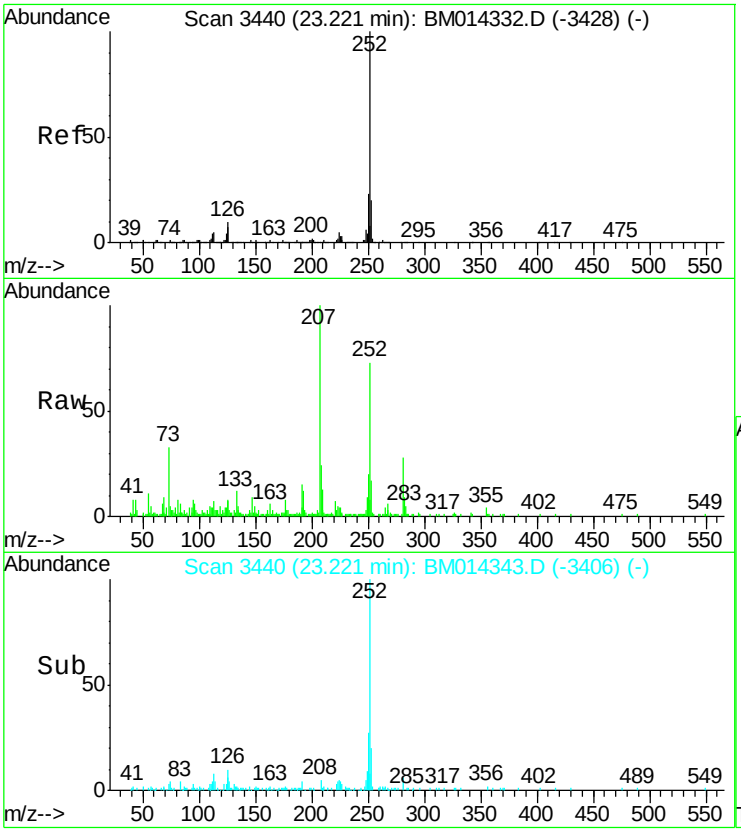


#86
Benzo(k)fluoranthene
Concen: 3.070 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. -0.04 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:252 Resp: 110596

Ion	Ratio	Lower	Upper
252	100		
253	30.4	17.1	25.7#
125	7.2	3.4	5.2#



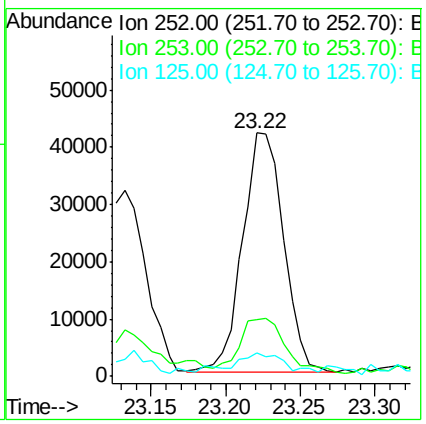


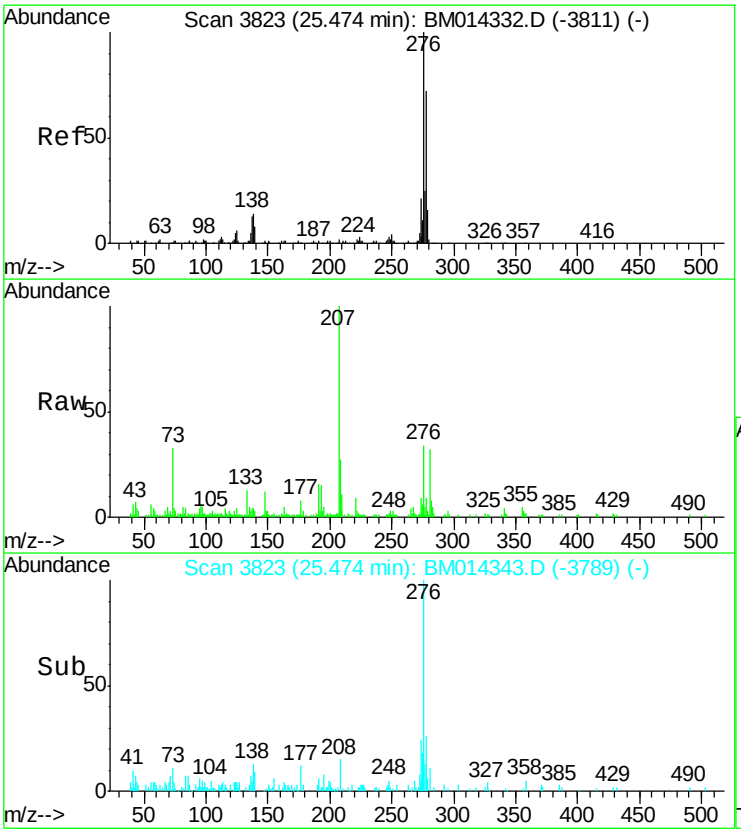
#88
Benzo(a)pyrene
Concen: 2.325 ng/ul
RT: 23.22 min Scan# 3440
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 78705

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	9.6	4.0	6.0#

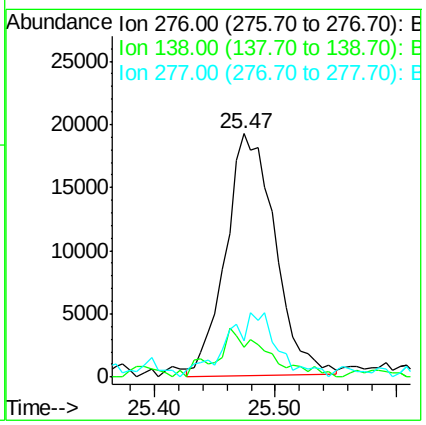


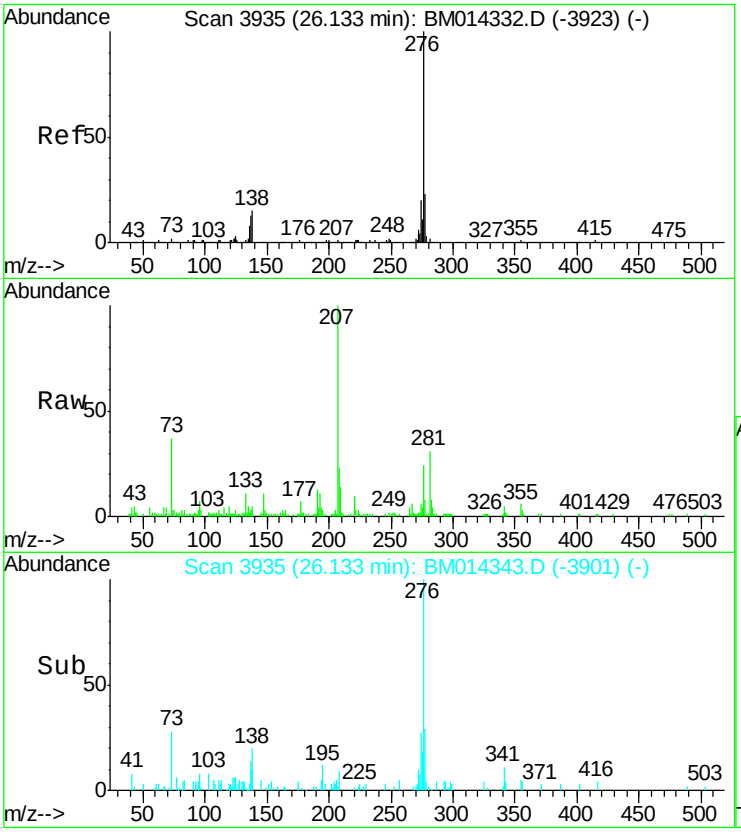


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.653 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Tgt Ion:276 Resp: 54309

Ion	Ratio	Lower	Upper
276	100		
138	12.1	9.3	13.9
277	14.7	19.9	29.9#





#91
Benzo(g,h,i)perylene
Concen: 1.598 ng/ul
RT: 26.13 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM014343.D
Acq: 23 Feb 2018 22:32

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 42529

Ion	Ratio	Lower	Upper
276	100		
138	33.1	8.5	12.7#
277	32.0	18.6	28.0#