Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014339.D
Acq On : 23 Feb 2018 20:08
Operator : SJ/JU
Sample : J1631-04 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 23 23:19:20 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	7.53	152	81641	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	347132	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	220185	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	517558	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	605490	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	526756	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	922	0.48	ng/uL	0.00
5) Phenol-d5	6.76	99	2426	0.35	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.89	67	7382	1.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	9663	1.83	ng/ul	0.01
13) 4-Methylphenol-d8	8.27	113	6425	1.06	ng/ul	0.02
19) Nitrobenzene-d5	8.70	128	3013	1.17	ng/ul	0.02
22) 2-Nitrophenol-d4	9.42	143	3120	1.18	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.99	165	4325	0.79	ng/ul	0.05
29) 4-Chloroaniline-d4	10.51	131	1936	0.36	ng/ul	0.05
43) Dimethylphthalate-d6	13.61	166	43483	2.39	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	51095	2.28	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	41170	2.53	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.38	200	2694	0.87	ng/ul	0.04
70) Anthracene-d10	17.04	188	62859	2.52	ng/ul	0.00
76) Pyrene-d10	19.34	212	80215	2.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	67910	2.65	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.66	163	18501	1.032	ng/ul	97
69) Phenanthrene	16.98	178	260786	8.745	ng/ul	98
71) Anthracene	17.08	178	42575	1.420	ng/ul	96
74) Fluoranthene	19.01	202	487728	13.690	ng/ul#	96
77) Pyrene	19.37	202	462668	11.498	ng/ul#	96
80) Benzo(a)anthracene	21.13	228	309498	8.190	ng/ul	98
82) Chrysene	21.19	228	284608	8.074	ng/ul	98
85) Benzo(b)fluoranthene	22.68	252	331002	9.385	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	111711	3.331	ng/ul#	96
88) Benzo(a)pyrene	23.23	252	224119	7.111	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	136643	4.468	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.48	278	37689	1.483	ng/ul#	86
91) Benzo(g,h,i)perylene	26.13	276	98078	3.959	ng/ul#	91

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

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Acq On : 23 Feb 2018 20:08
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Sample : J1631-04 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

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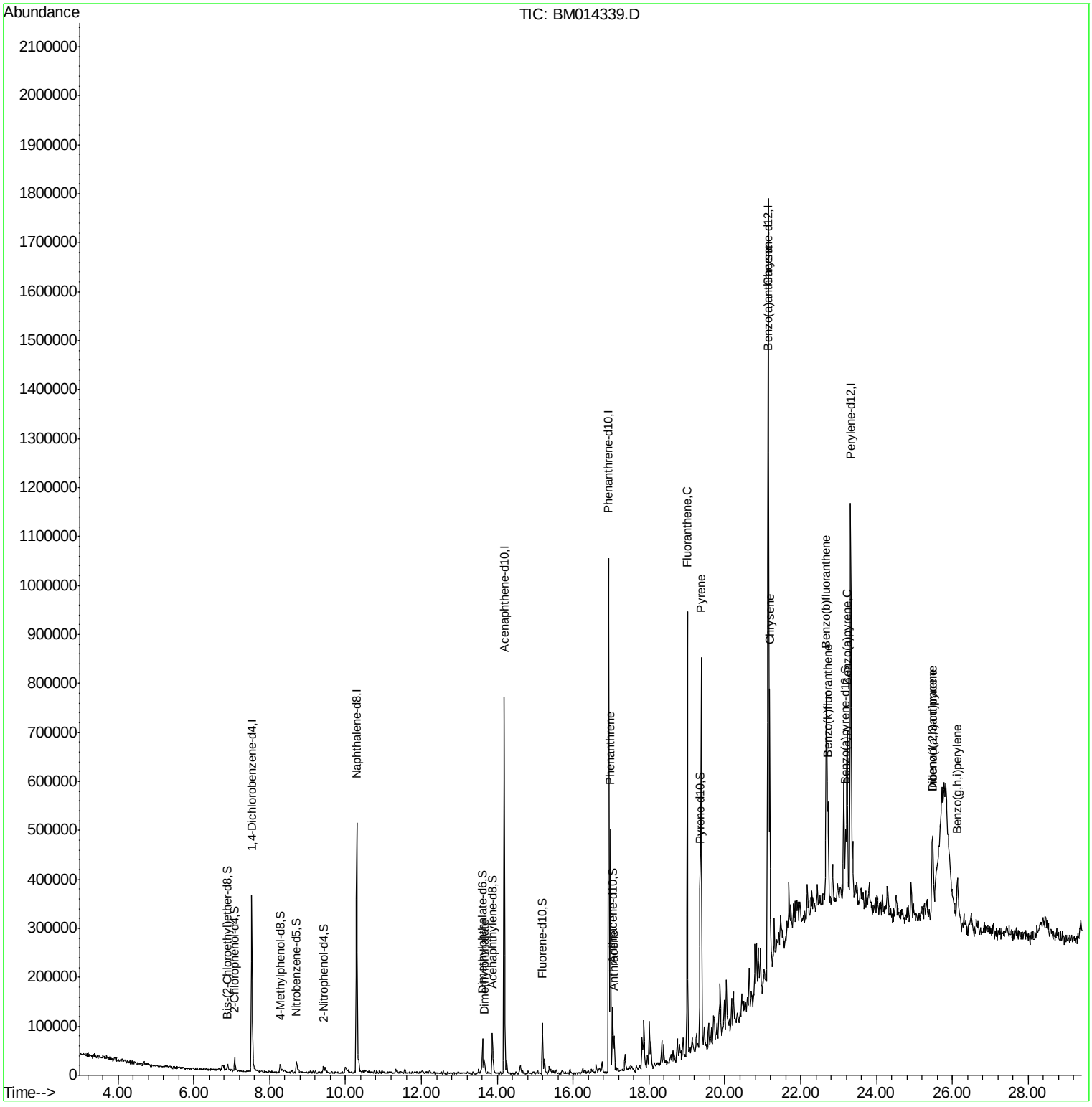
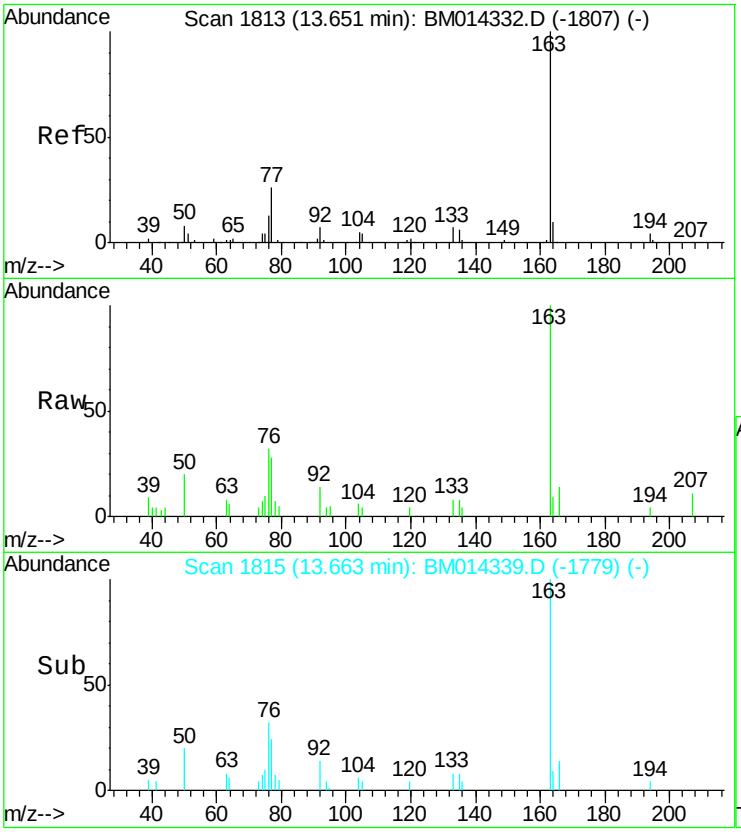
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration



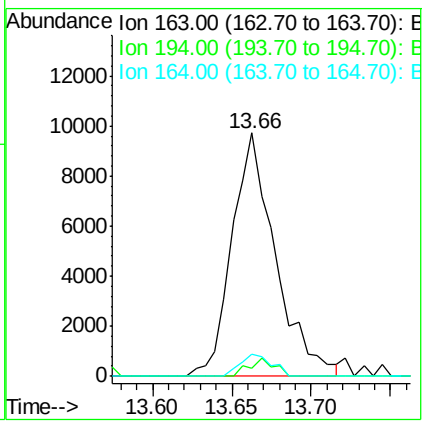


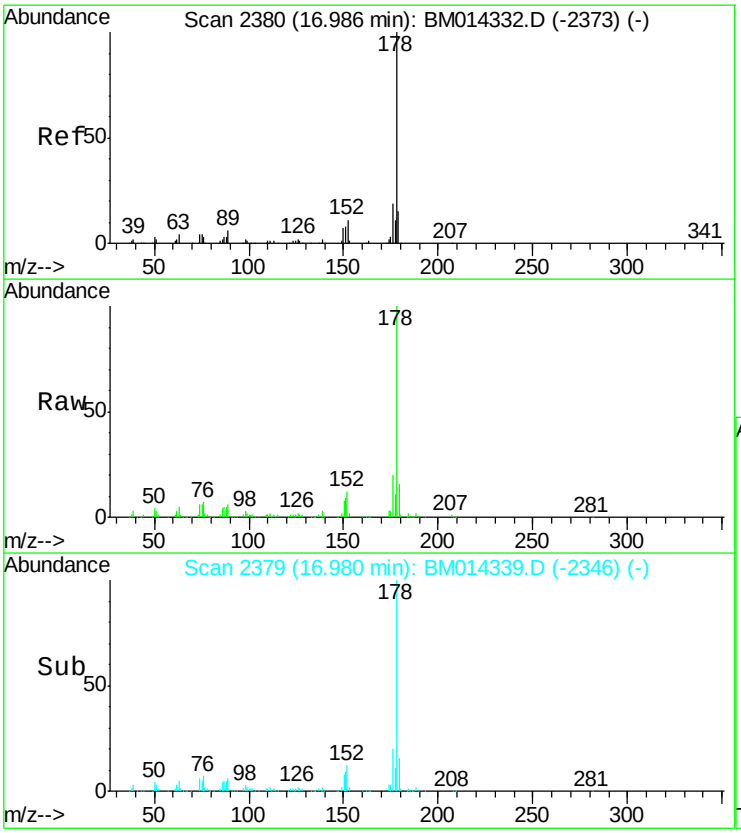
#44
Dimethylphthalate
Concen: 1.032 ng/ul
RT: 13.66 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 18501

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.5	5.3
164	9.0	8.2	12.4

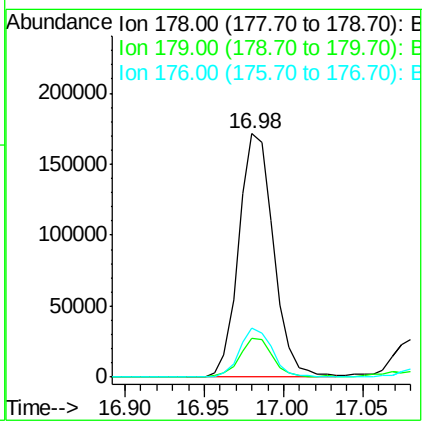


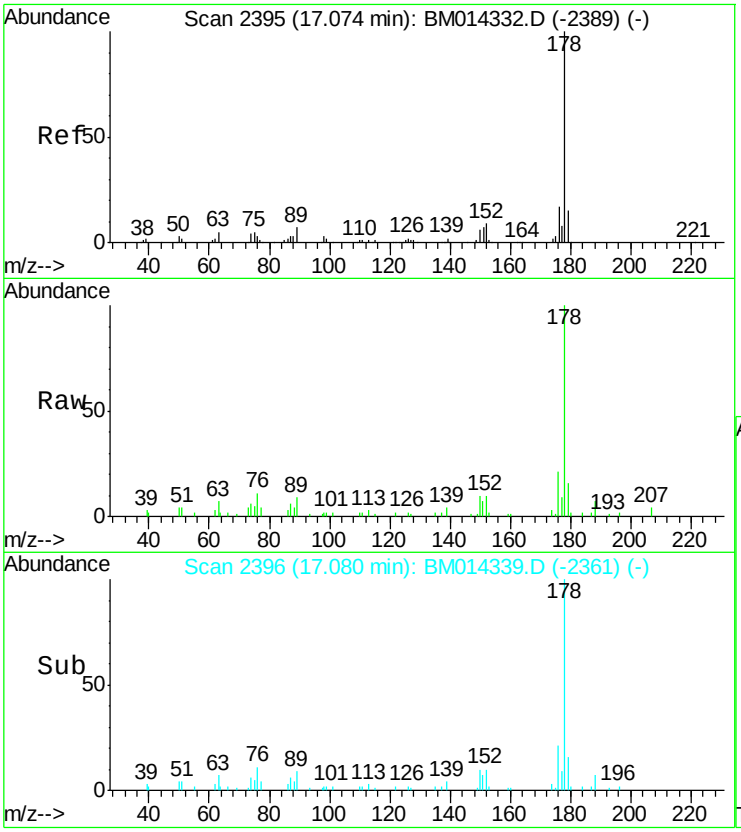


#69
Phenanthrene
Concen: 8.745 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:178 Resp: 260786

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	20.3	14.9	22.3



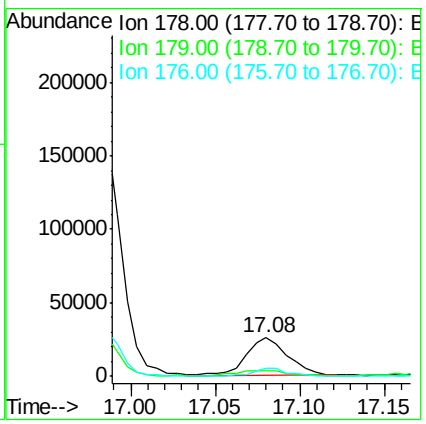


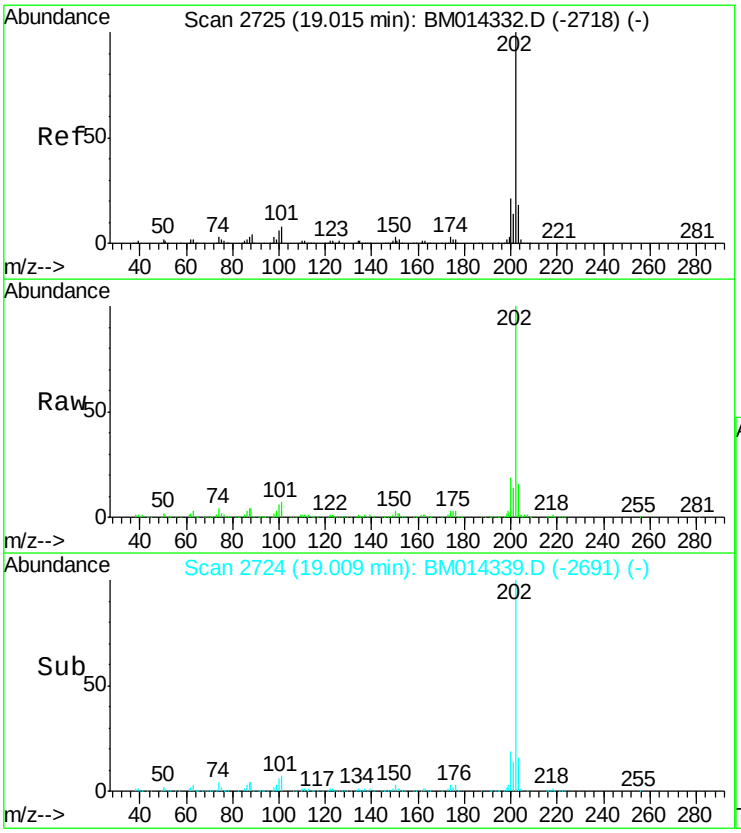
#71
Anthracene
Concen: 1.420 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 42575

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	20.8	14.6	21.8

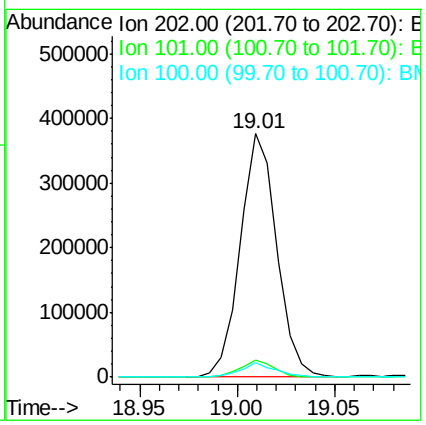


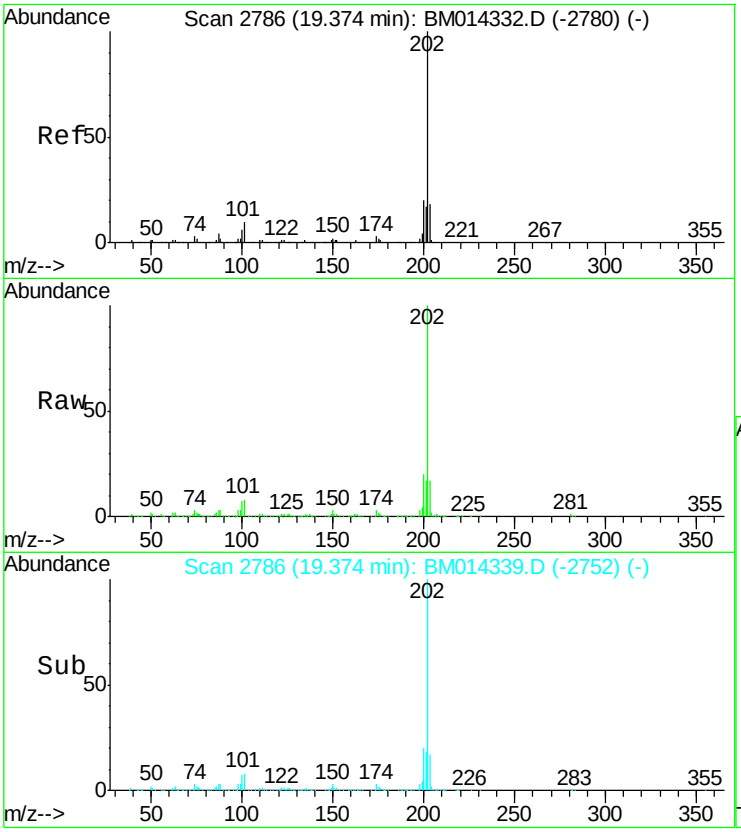


#74
Fluoranthene
Concen: 13.690 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:202 Resp: 487728

Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0#
100	5.9	3.4	5.2#



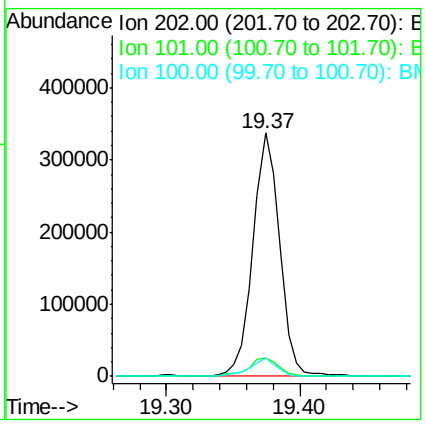


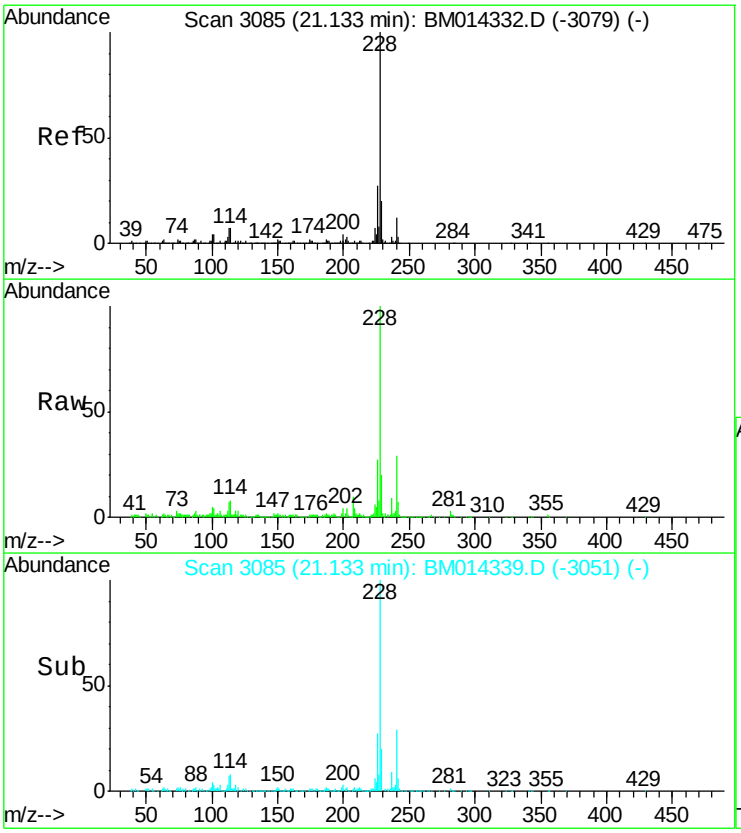
#77
Pyrene
Concen: 11.498 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 462668

Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	7.4	4.9	7.3#

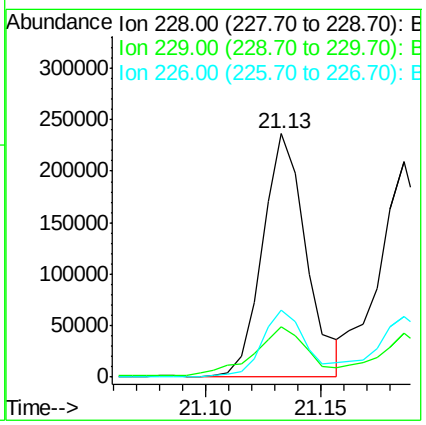


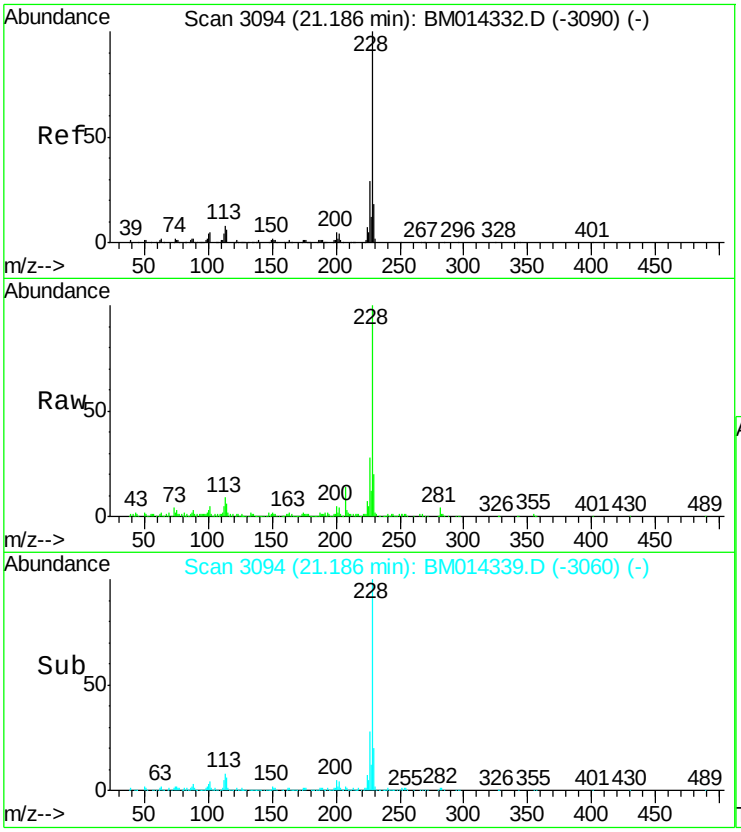


#80
Benzo(a)anthracene
Concen: 8.190 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:228 Resp: 309498

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.0
226	27.4	21.4	32.0



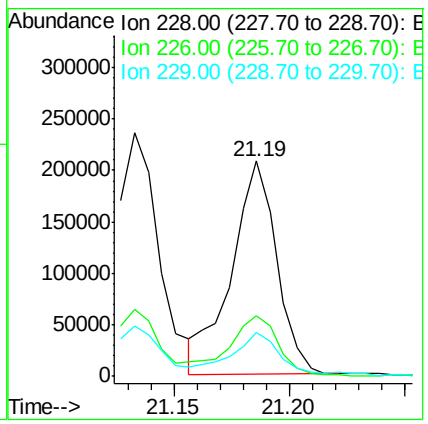


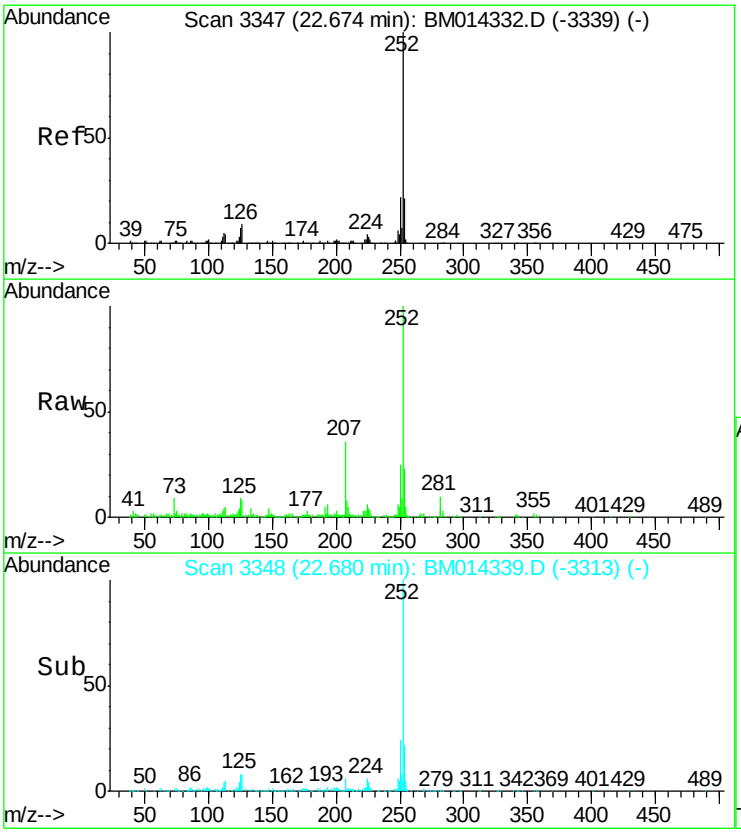
#82
Chrysene
Concen: 8.074 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 284608

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	20.2	15.5	23.3

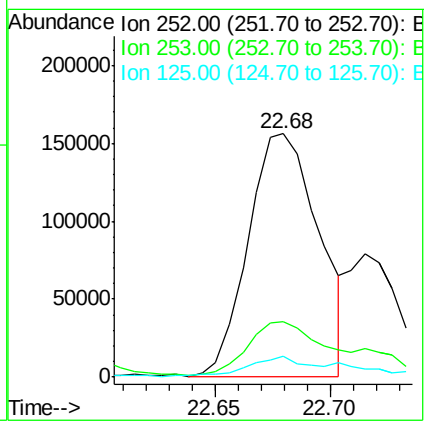


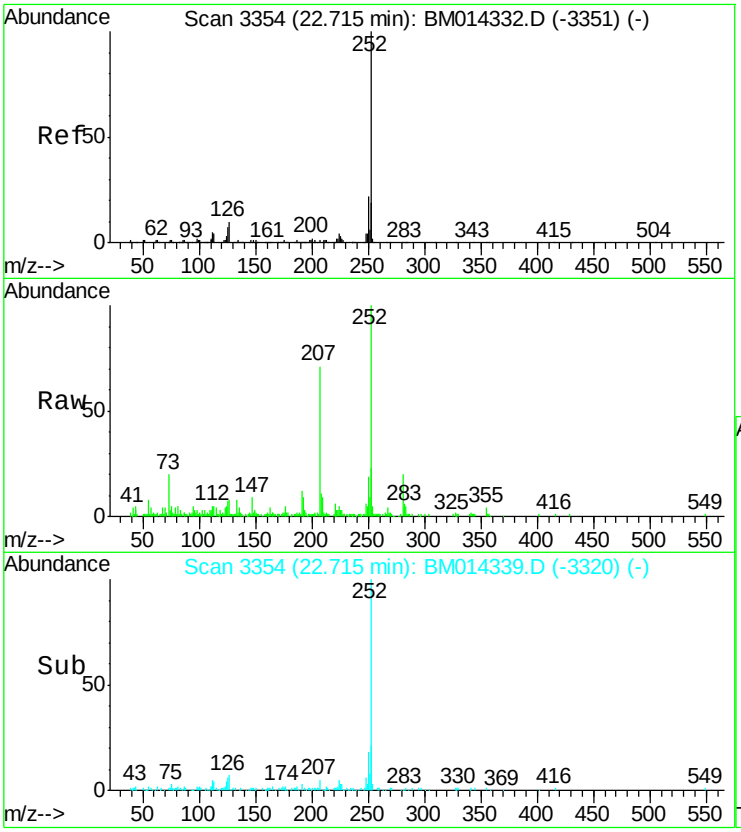


#85
Benzo(b)fluoranthene
Concen: 9.385 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:252 Resp: 331002

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	8.6	3.6	5.4#



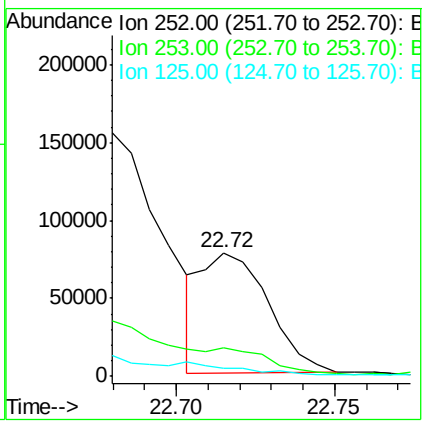


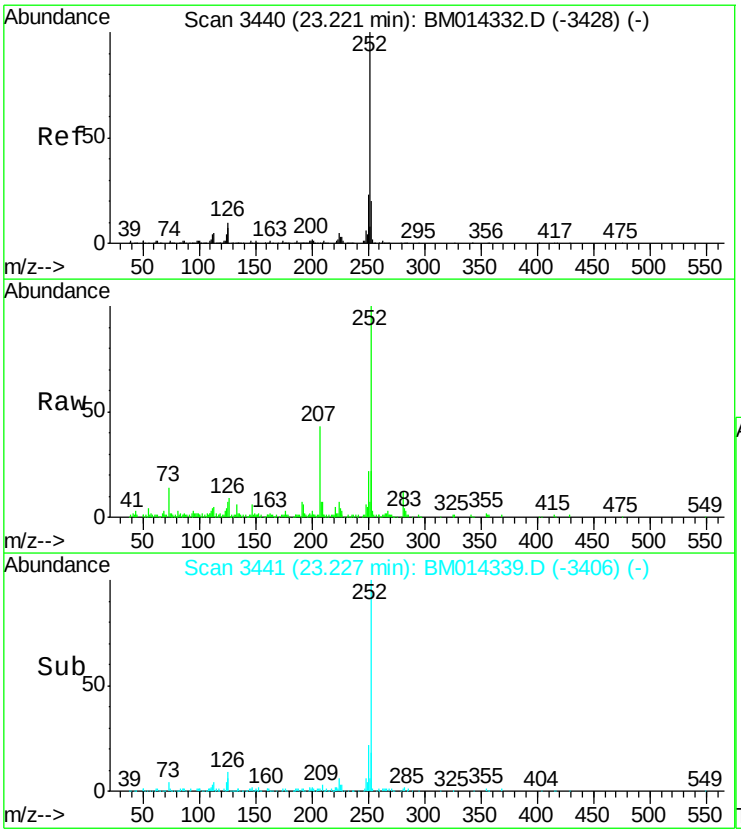
#86
Benzo(k)fluoranthene
Concen: 3.331 ng/ul
RT: 22.72 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 111711

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	6.7	3.4	5.2#

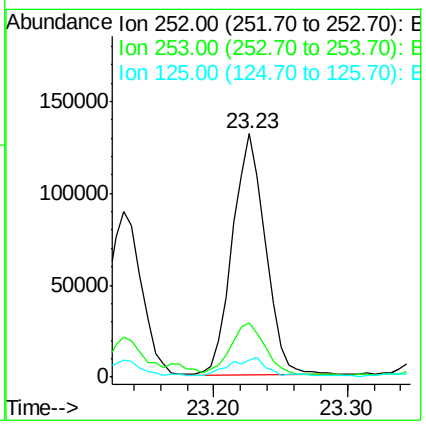


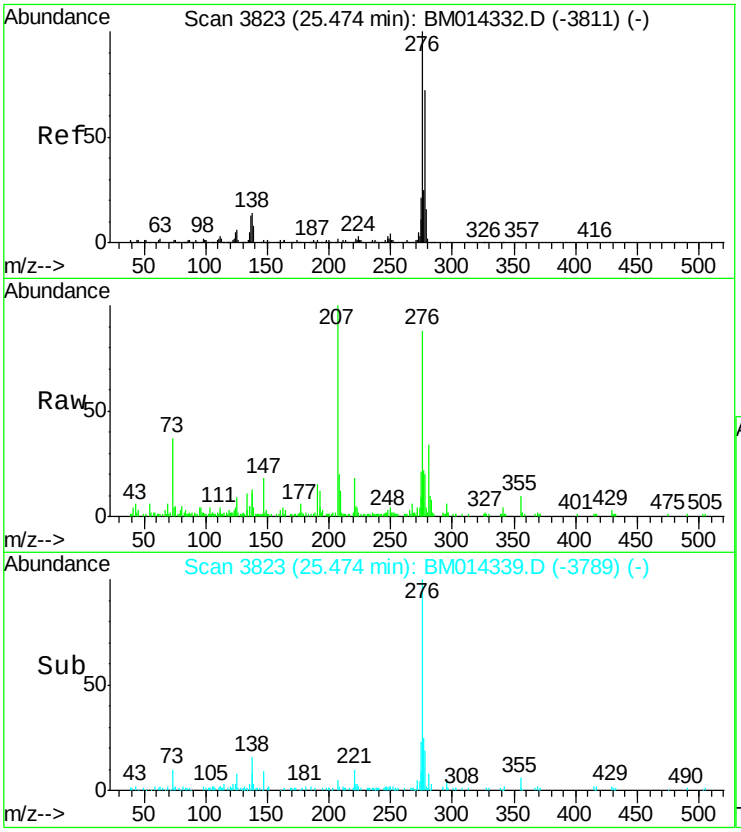


#88
Benzo(a)pyrene
Concen: 7.111 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:252 Resp: 224119

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	6.9	4.0	6.0#



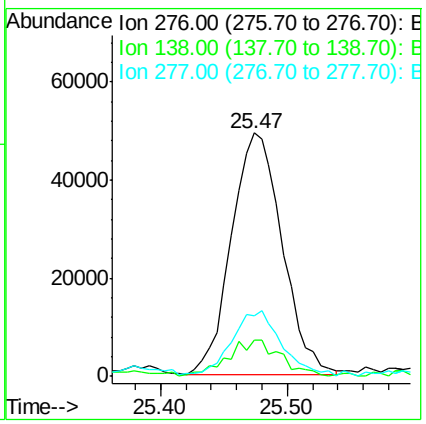


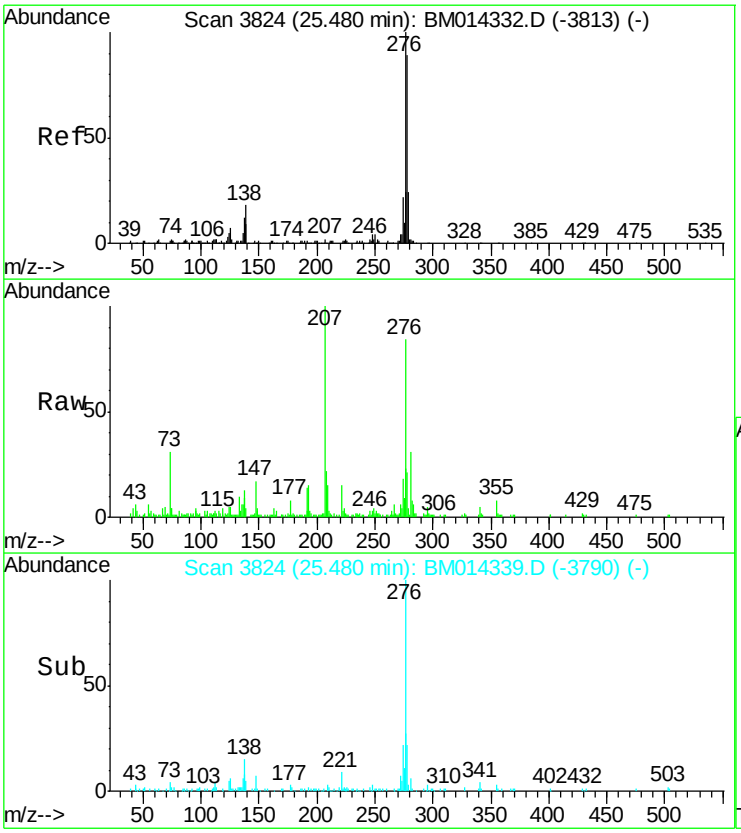
#89
Indeno(1,2,3-cd)pyrene
Concen: 4.468 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 136643

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.3	13.9#
277	24.9	19.9	29.9

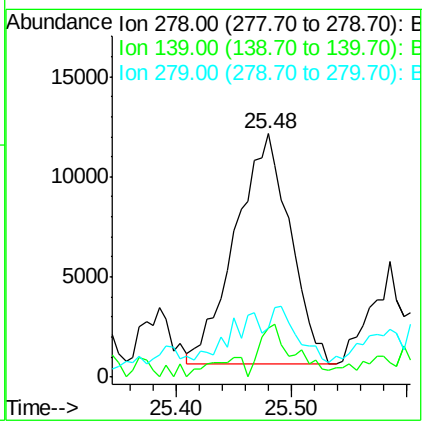


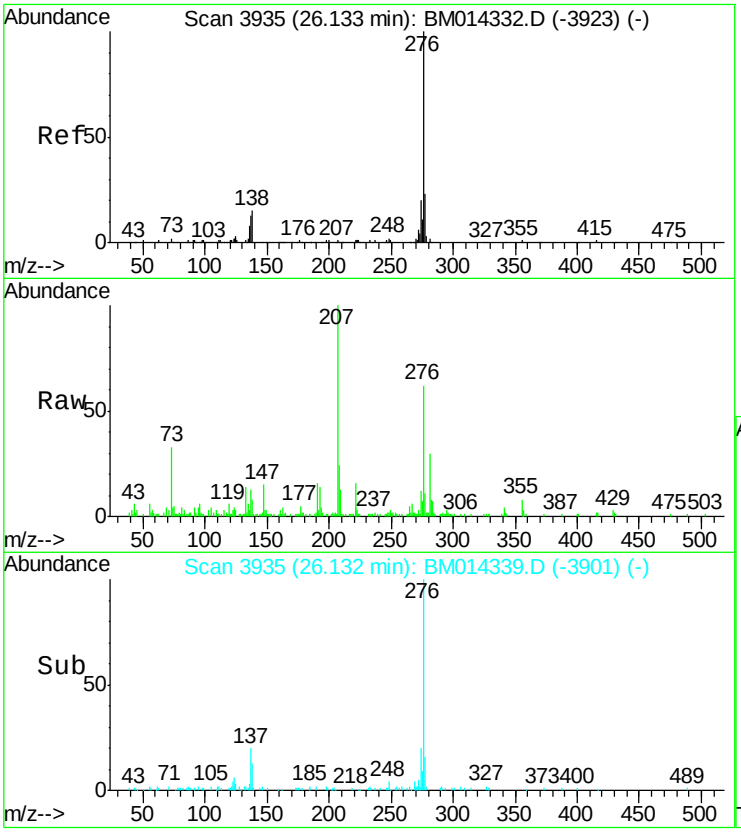


#90
Dibenzo(a,h)anthracene
Concen: 1.483 ng/ul
RT: 25.48 min Scan# 3824
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Tgt Ion:278 Resp: 37689

Ion	Ratio	Lower	Upper
278	100		
139	20.4	5.8	8.8#
279	19.9	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 3.959 ng/ul
RT: 26.13 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM014339.D
Acq: 23 Feb 2018 20:08

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 98078

Ion	Ratio	Lower	Upper
276	100		
138	12.6	8.5	12.7
277	18.2	18.6	28.0#