Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014422.D
Acq On : 01 Mar 2018 03:57
Operator : SJ/JU
Sample : J1646-16 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE5Y0

Quant Time: Mar 01 07:05:00 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	129781	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	628317	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	378336	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	842705	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	865985	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	722604	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	2097	0.69	ng/uL	0.00
5) Phenol-d5	6.72	99	52578	4.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	35104	5.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	51267	6.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	44003	4.58	ng/ul	0.01
19) Nitrobenzene-d5	8.67	128	28955	6.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	28242	5.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	42889	4.31	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	64780	6.61	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	192865	6.17	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	234304	6.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	343	0.08	ng/ul	0.09
57) Fluorene-d10	15.17	176	169938	6.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	4213	0.83	ng/ul	0.02
70) Anthracene-d10	17.03	188	251692	6.19	ng/ul	0.00
76) Pyrene-d10	19.34	212	304755	6.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	225157	6.40	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.65	163	43004	1.396	ng/ul#	95
69) Phenanthrene	16.97	178	202359	4.168	ng/ul	98
71) Anthracene	16.97	178	202359	4.144	ng/ul	100
74) Fluoranthene	19.01	202	344337	5.936	ng/ul#	94
77) Pyrene	19.37	202	307920	5.350	ng/ul#	91
80) Benzo(a)anthracene	21.13	228	181353	3.356	ng/ul	96
82) Chrysene	21.19	228	161162	3.197	ng/ul	96
85) Benzo(b)fluoranthene	22.68	252	176695	3.652	ng/ul#	97
86) Benzo(k)fluoranthene	22.68	252	176695	3.841	ng/ul#	95
88) Benzo(a)pyrene	23.23	252	128936	2.982	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	70236	1.674	ng/ul#	92
91) Benzo(g,h,i)perylene	26.14	276	58583	1.724	ng/ul#	91

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

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ALS Vial : 26 Sample Multiplier: 1

Instrument :
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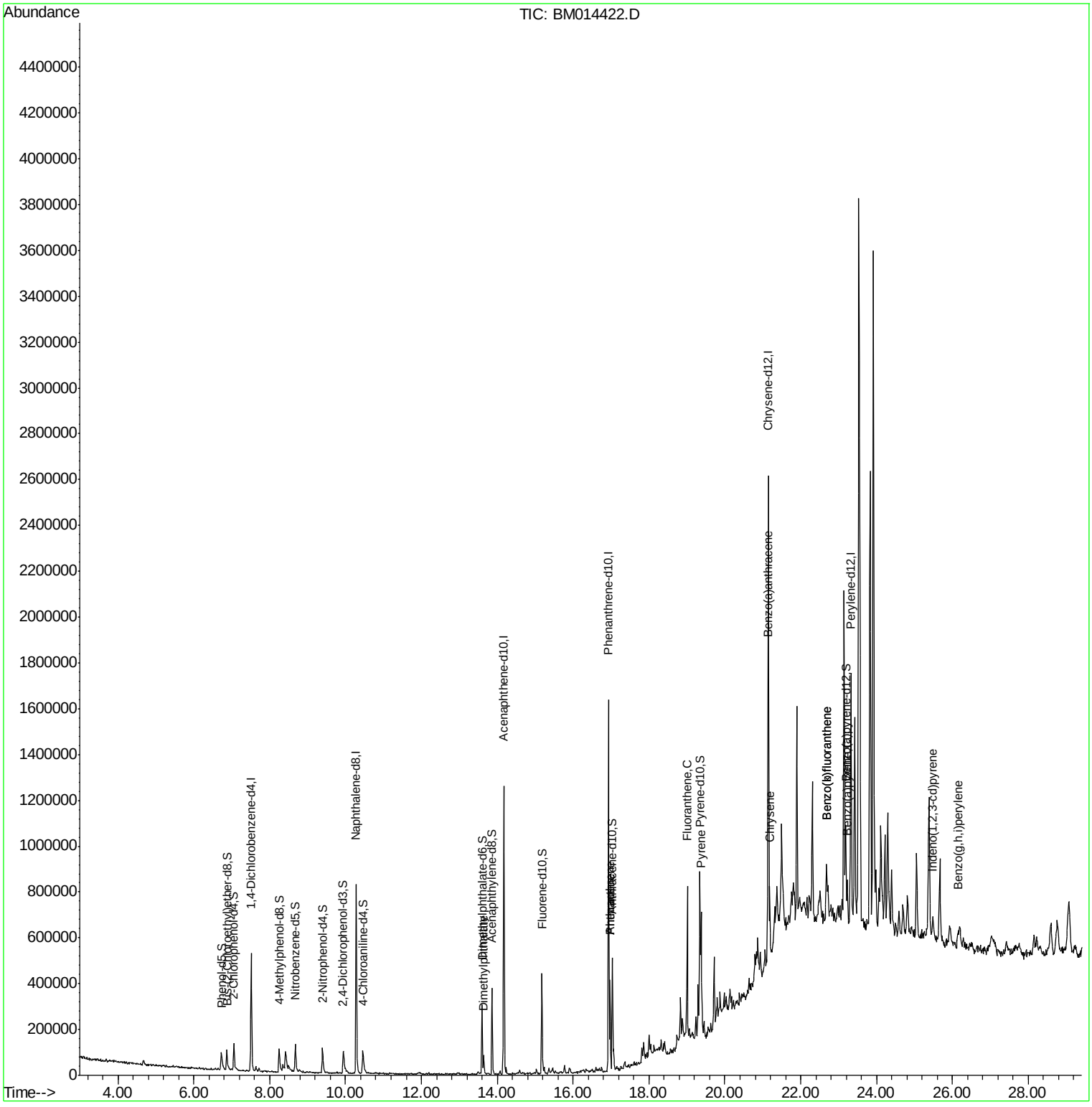
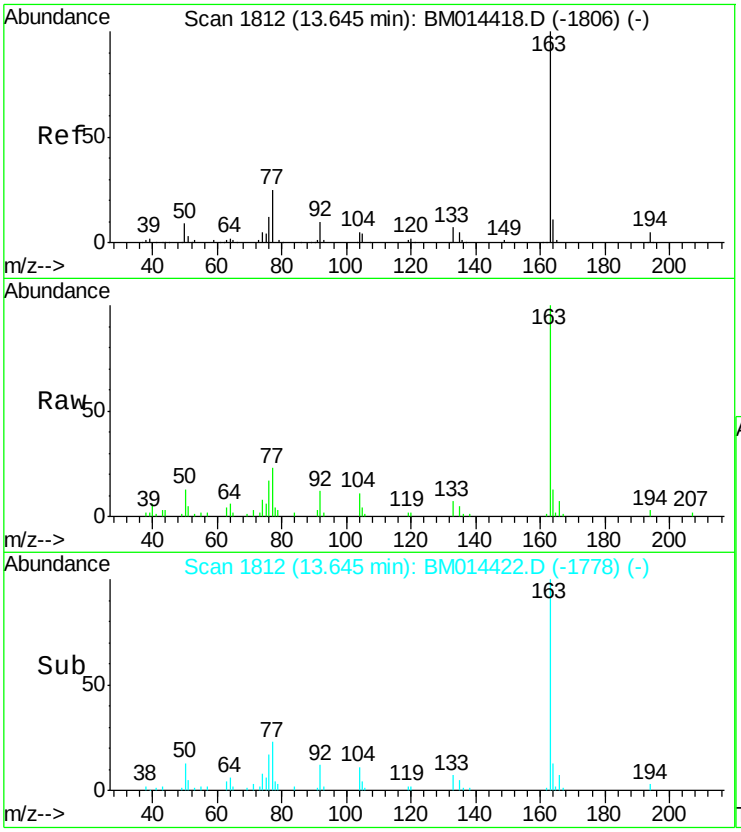
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration



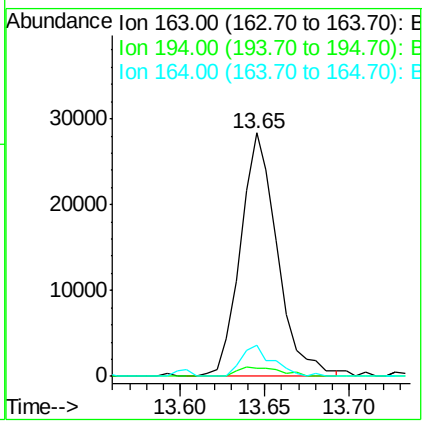


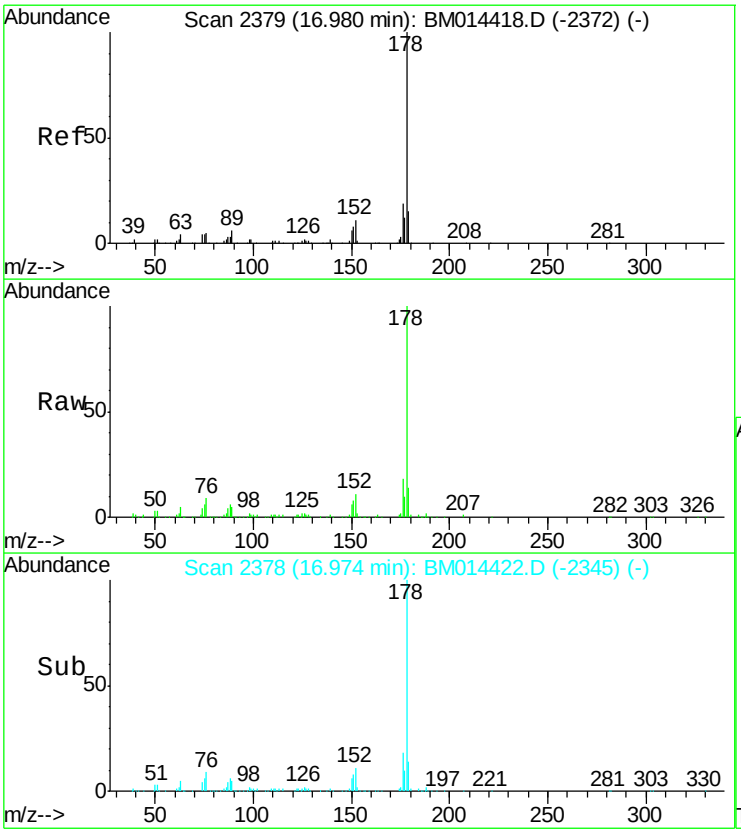
#44
Dimethylphthalate
Concen: 1.396 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:163 Resp: 43004

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.5	5.3#
164	12.7	8.2	12.4#

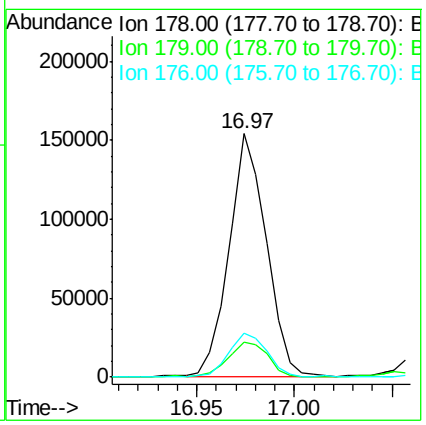


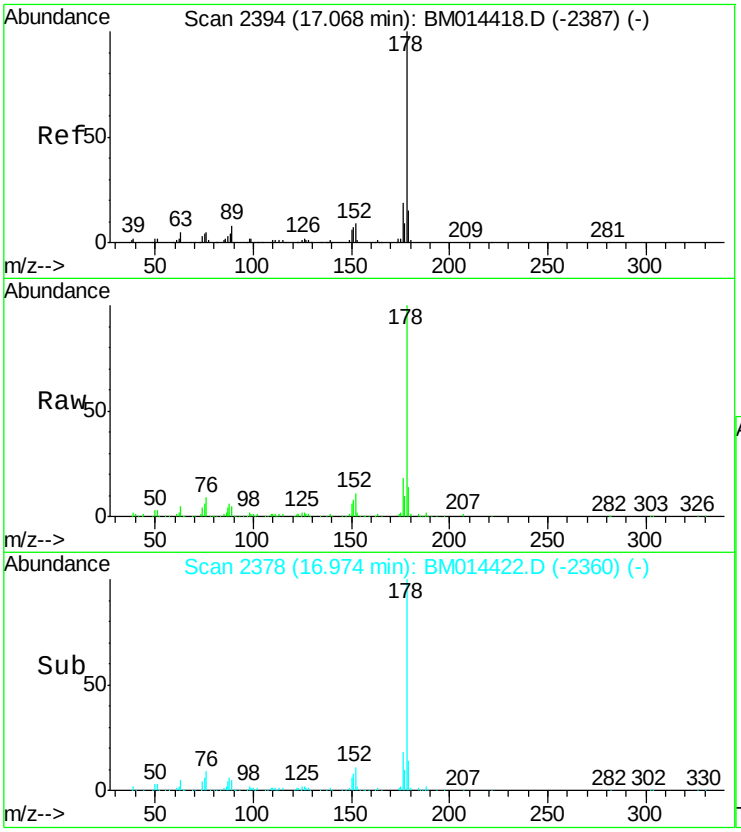


#69
Phenanthrene
Concen: 4.168 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:178 Resp: 202359

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.6	19.0
176	18.2	14.9	22.3



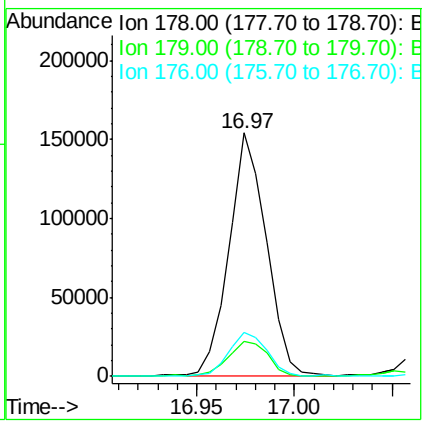


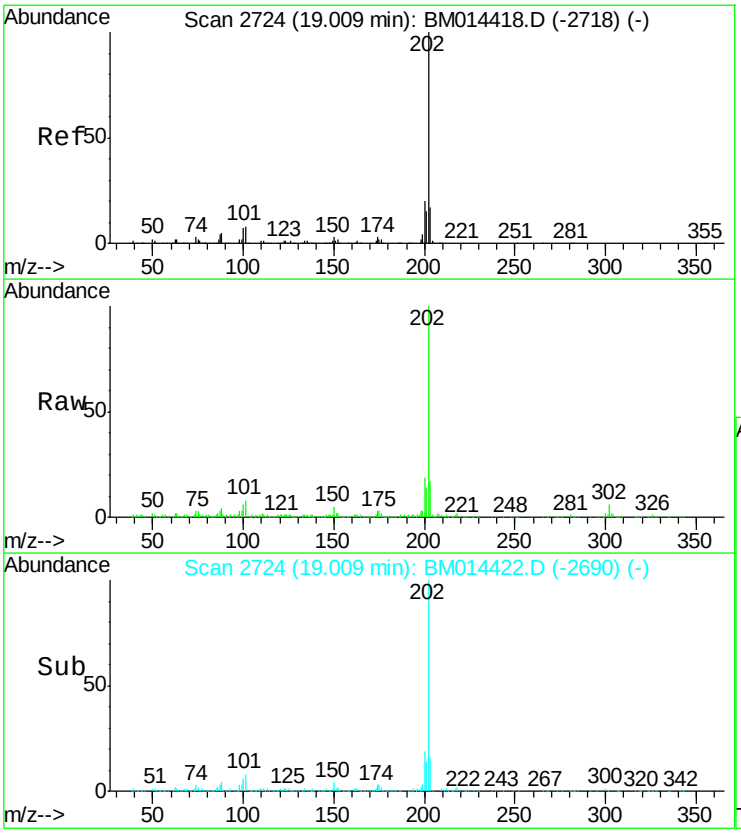
#71
Anthracene
Concen: 4.144 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.09 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:178 Resp: 202359

Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.7	17.5
176	18.2	14.6	21.8

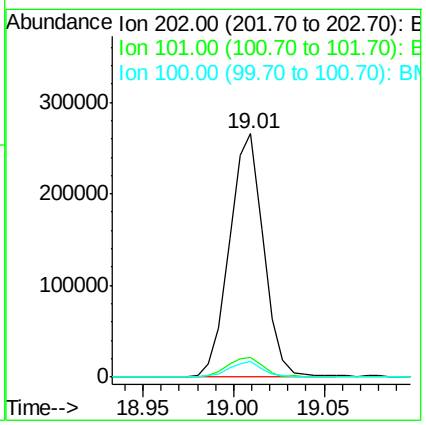


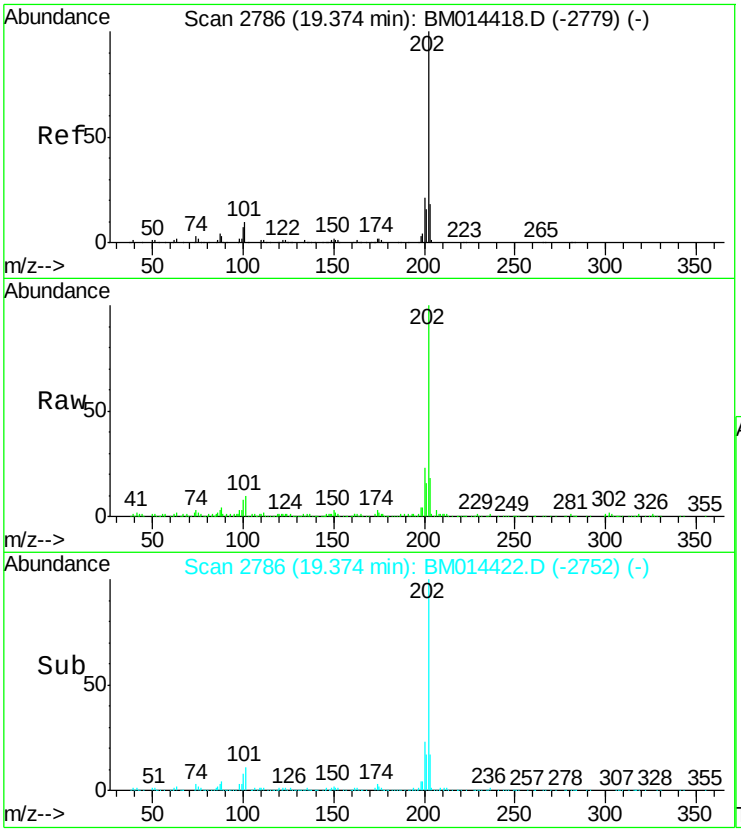


#74
Fluoranthene
Concen: 5.936 ng/ul
RT: 19.01 min Scan# 2724
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:202 Resp: 344337

Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.3	3.4	5.2#



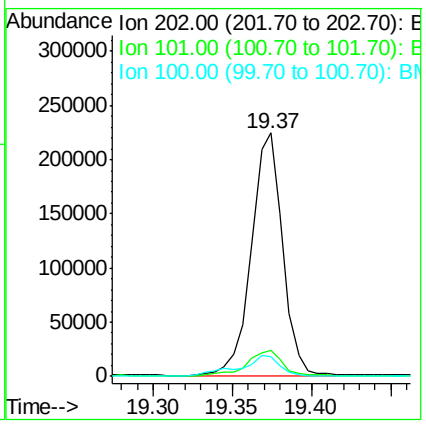


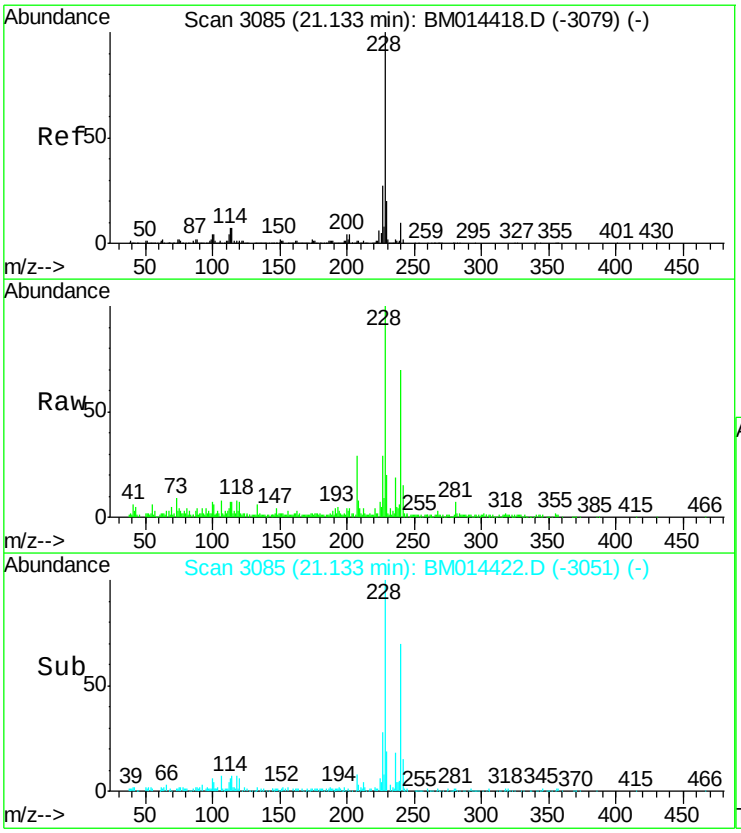
#77
Pyrene
Concen: 5.350 ng/ul
RT: 19.37 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:202 Resp: 307920

Ion	Ratio	Lower	Upper
202	100		
101	10.4	5.1	7.7#
100	8.3	4.9	7.3#

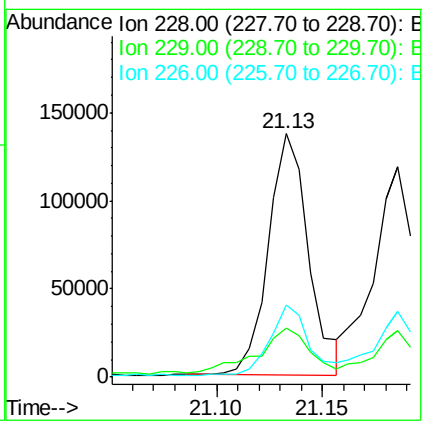


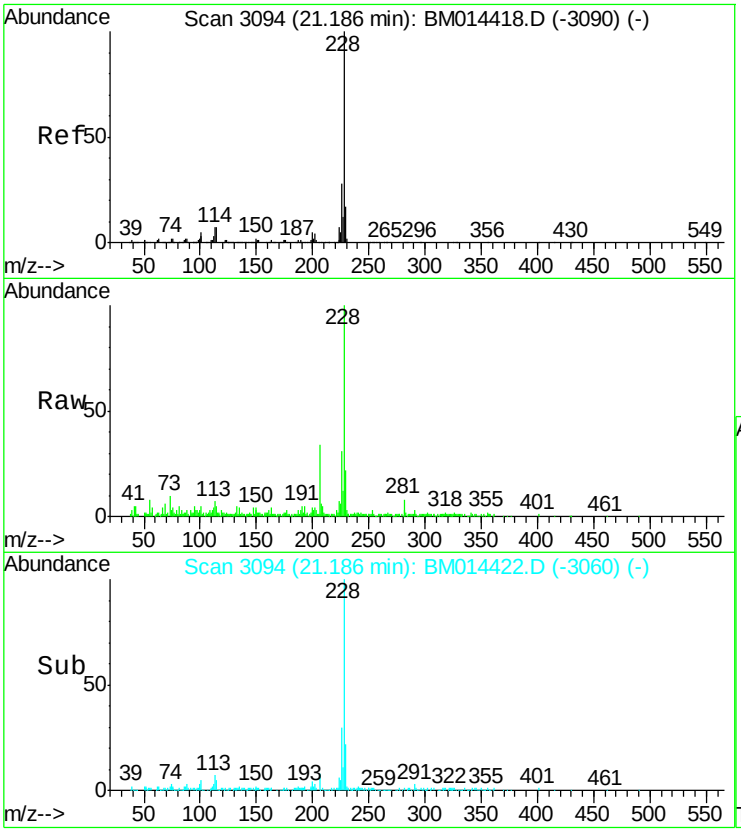


#80
Benzo(a)anthracene
Concen: 3.356 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:228 Resp: 181353

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.0
226	29.4	21.4	32.0



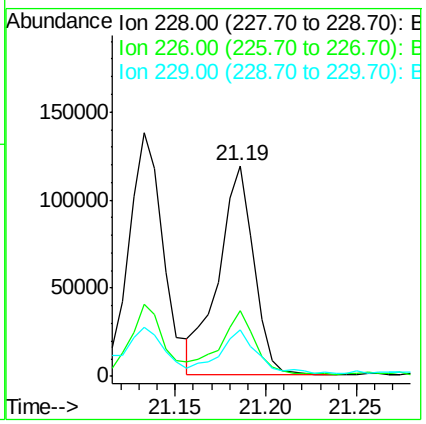


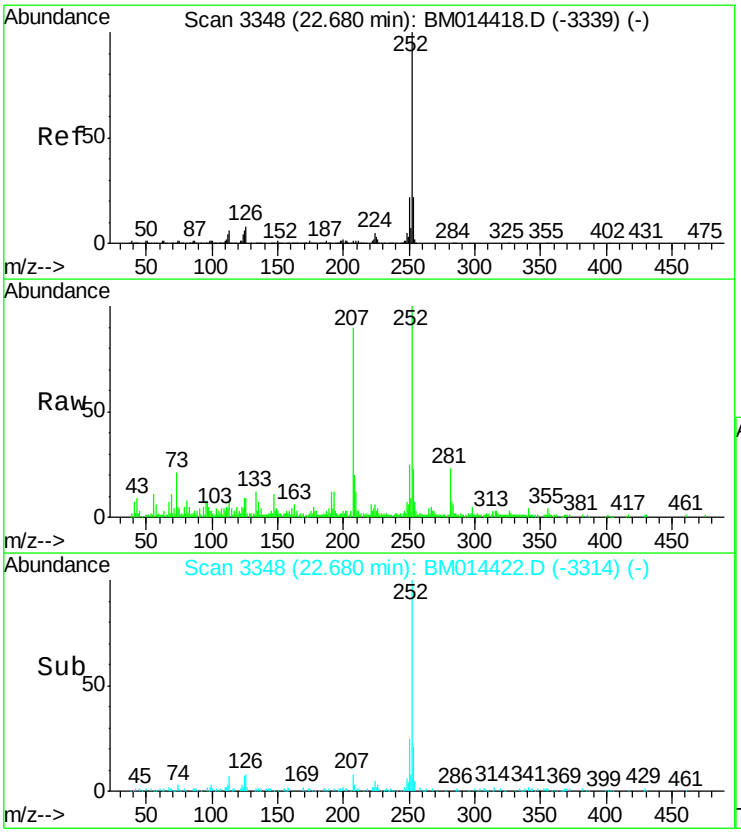
#82
Chrysene
Concen: 3.197 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:228 Resp: 161162

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	22.1	15.5	23.3

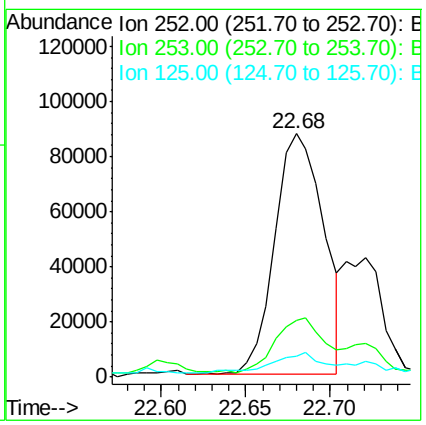


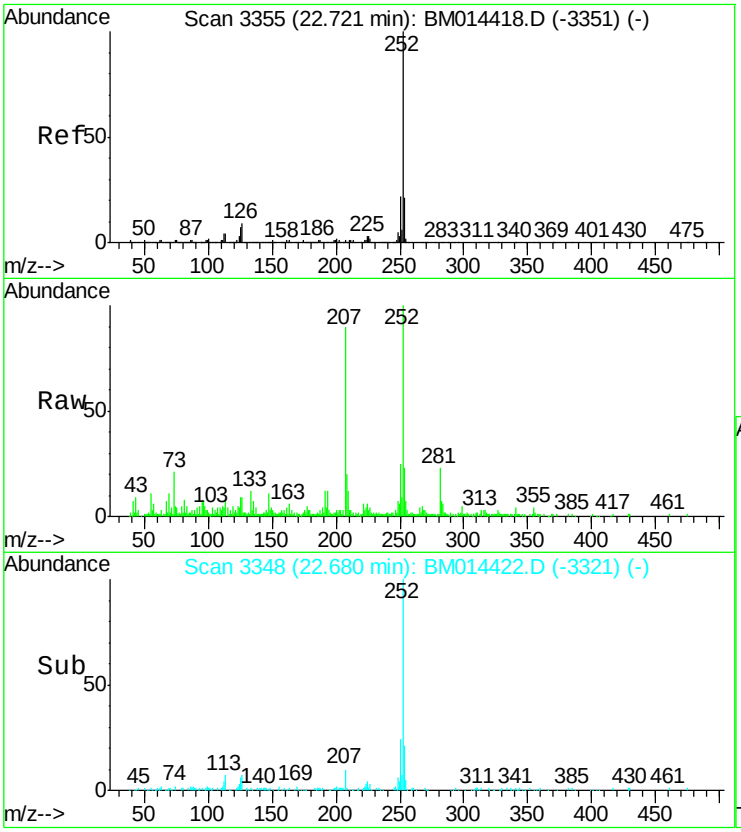


#85
Benzo(b)fluoranthene
Concen: 3.652 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:252 Resp: 176695

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	8.8	3.6	5.4#



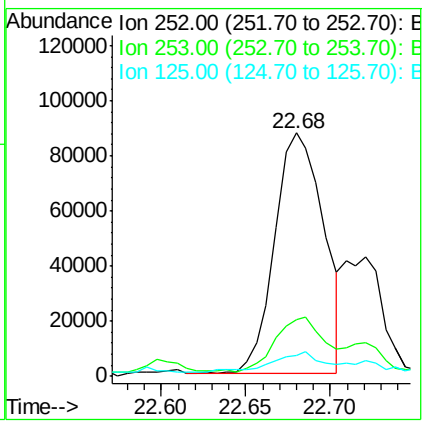


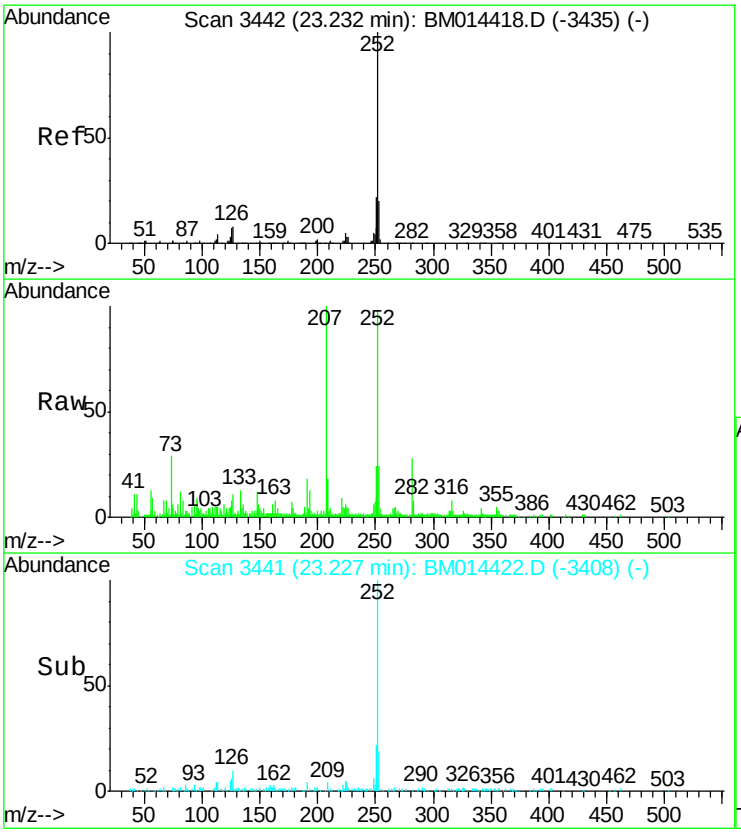
#86
Benzo(k)fluoranthene
Concen: 3.841 ng/ul
RT: 22.68 min Scan# 3348
Delta R.T. -0.04 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:252 Resp: 176695

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.8	3.4	5.2#

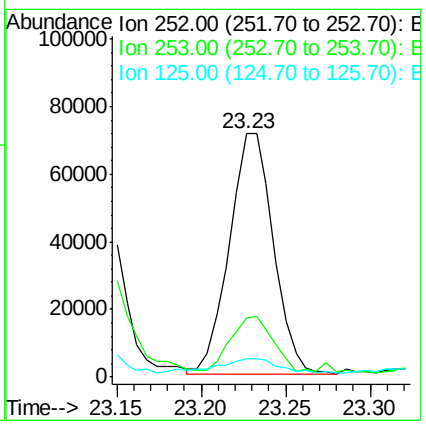


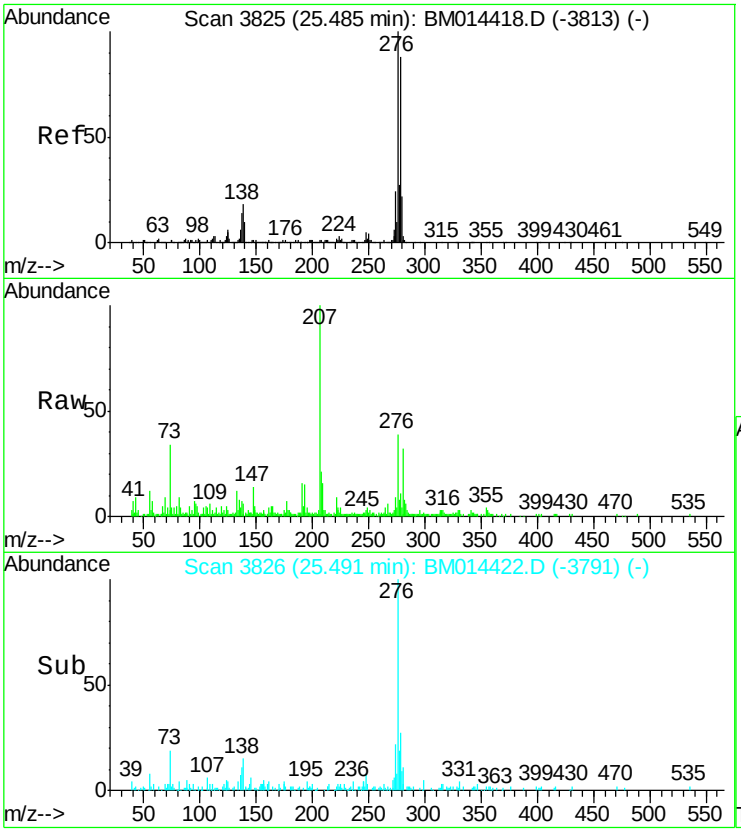


#88
Benzo(a)pyrene
Concen: 2.982 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:252 Resp: 128936

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	7.8	4.0	6.0#



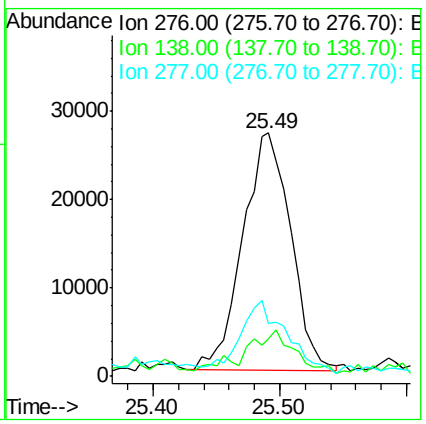


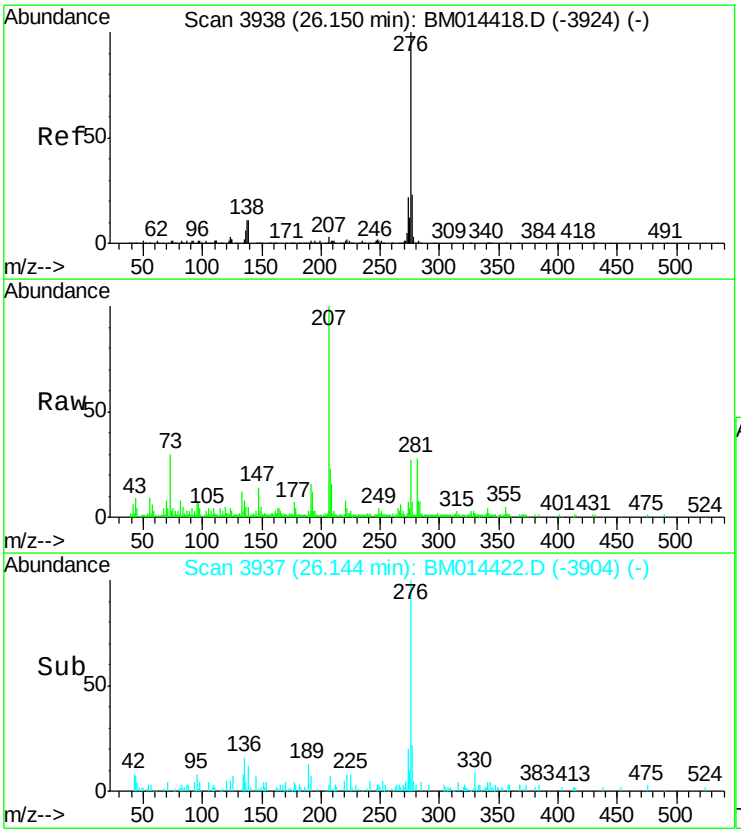
#89
Indeno(1,2,3-cd)pyrene
Concen: 1.674 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.01 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Instrument :
BNA_M
ClientSampleId :
BE5Y0

Tgt Ion:276 Resp: 70236

Ion	Ratio	Lower	Upper
276	100		
138	15.6	9.3	13.9#
277	21.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 1.724 ng/ul
RT: 26.14 min Scan# 3937
Delta R.T. -0.01 min
Lab File: BM014422.D
Acq: 01 Mar 2018 03:57

Tgt Ion:276 Resp: 58583

Ion	Ratio	Lower	Upper
276	100		
138	18.5	8.5	12.7#
277	25.1	18.6	28.0