Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040219\
Data File : BM019732.D
Acq On : 03 Apr 2019 16:19
Operator : JU/SJ
Sample : K2148-06
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5G3

Quant Time: Apr 04 01:50:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	194215	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.35	136	887396	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	502126	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	1052192	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	768286	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	720116	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	29623	5.97	ng/uL	0.00
5) Phenol-d5	6.76	99	297445	17.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	206528	17.84	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	251131	19.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.28	113	219271	16.89	ng/ul	-0.01
19) Nitrobenzene-d5	8.73	128	126383	19.96	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.45	143	145792	20.69	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.98	165	240525	18.09	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	279664	17.52	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	805317	19.88	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	957416	18.90	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	85906	13.53	ng/ul	0.01
58) Fluorene-d10	15.23	176	659477	18.89	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.39	200	60126	8.64	ng/ul	0.00
71) Anthracene-d10	17.09	188	963032	19.07	ng/ul	-0.01
79) Pyrene-d10	19.40	212	853853	24.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	630451	16.51	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.70	163	175105	4.308	ng/ul	99
48) Acenaphthylene	13.95	152	75680	1.507	ng/ul	99
70) Phenanthrene	17.03	178	160786	2.695	ng/ul	100
77) Fluoranthene	19.06	202	938243	13.725	ng/ul#	88
80) Pyrene	19.43	202	853654	18.469	ng/ul#	83
83) Benzo(a)anthracene	21.18	228	458835	9.922	ng/ul	99
85) Chrysene	21.23	228	454215	10.237	ng/ul	98
88) Benzo(b)fluoranthene	22.74	252	643442	14.669	ng/ul#	93
89) Benzo(k)fluoranthene	22.74	252	643442	15.275	ng/ul#	93
91) Benzo(a)pyrene	23.31	252	462153	11.021	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.61	276	368126	7.011	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.62	278	91235	2.038	ng/ul#	84
94) Benzo(g,h,i)perylene	26.30	276	307236	7.002	ng/ul#	90

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

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 04 01:45:37 2019
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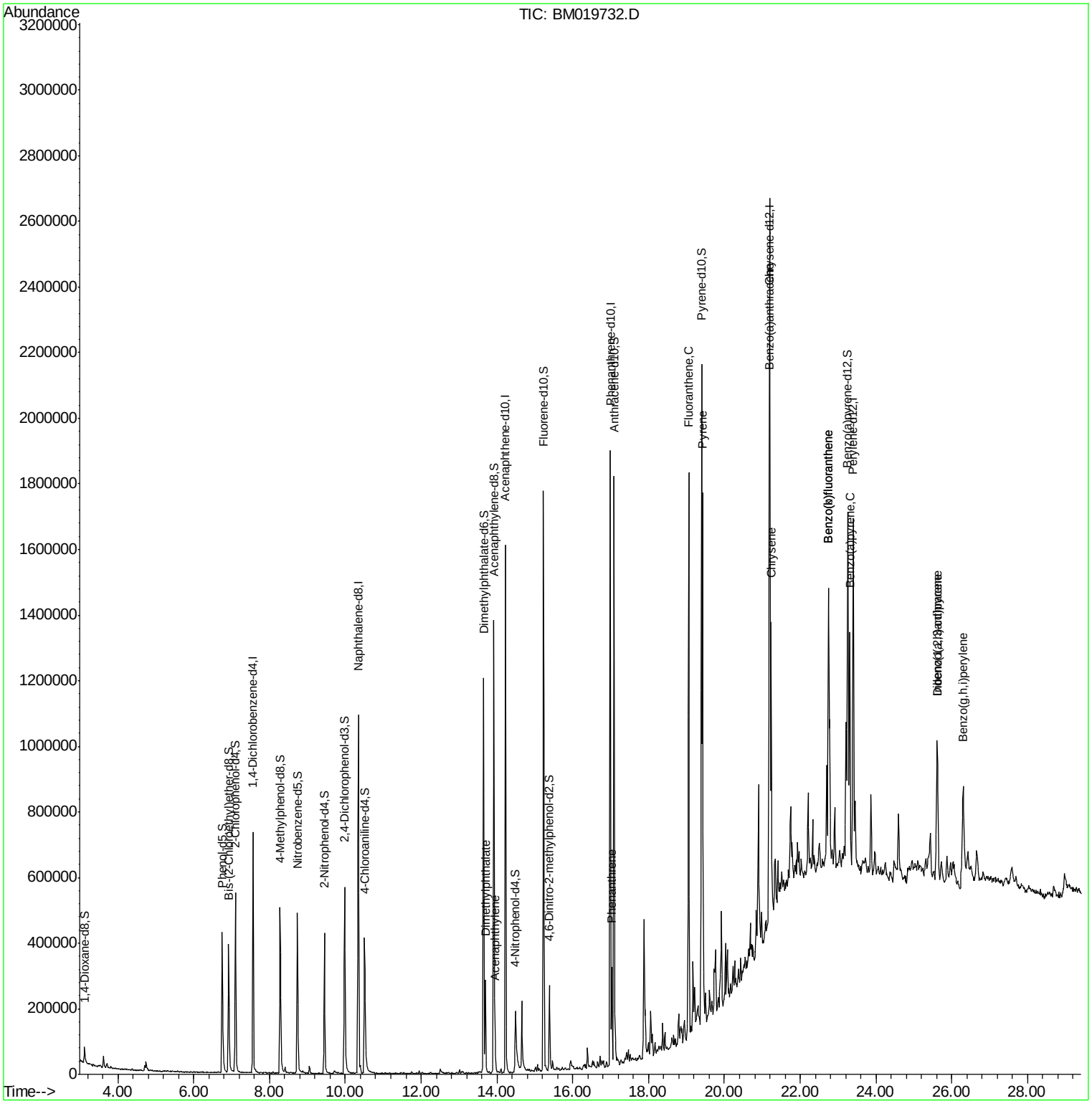
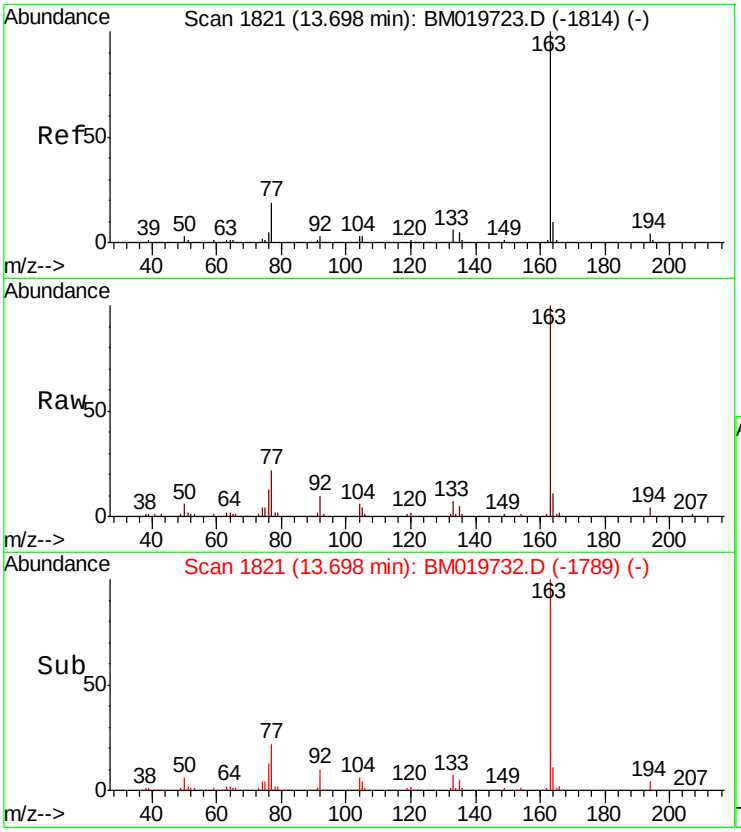


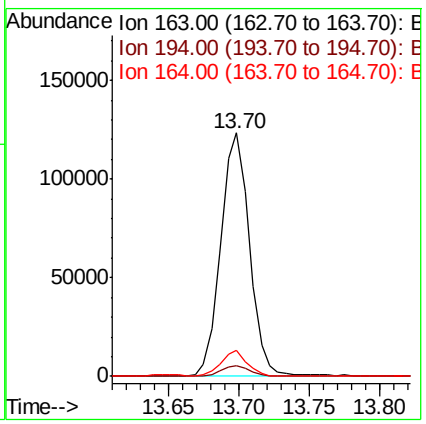


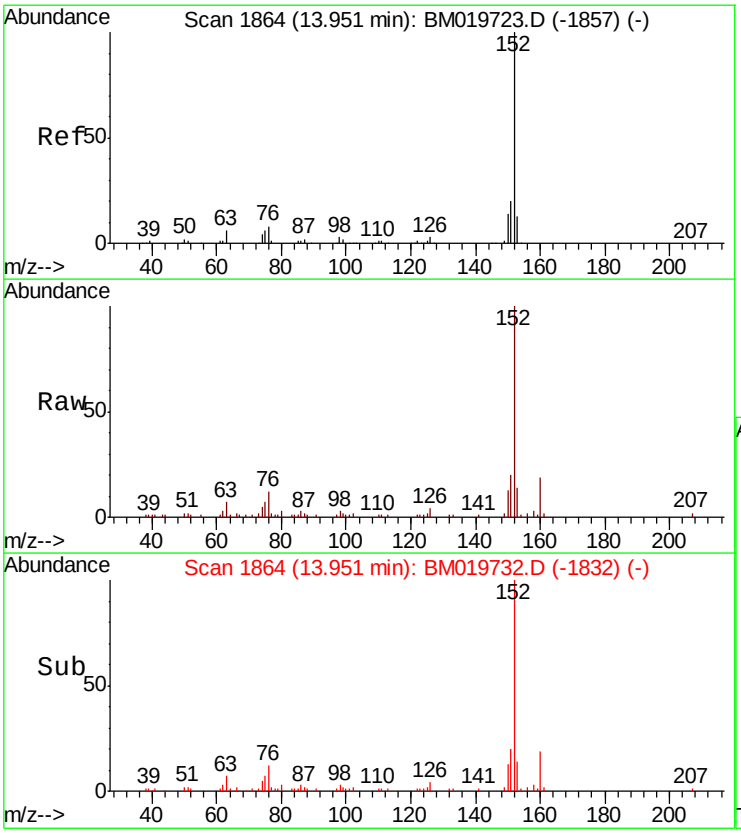
#45
Dimethylphthalate
Concen: 4.308 ng/ul
RT: 13.70 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:163 Resp: 175105

Ion	Ratio	Lower	Upper
163	100		
194	4.2	4.0	6.0
164	10.7	8.4	12.6

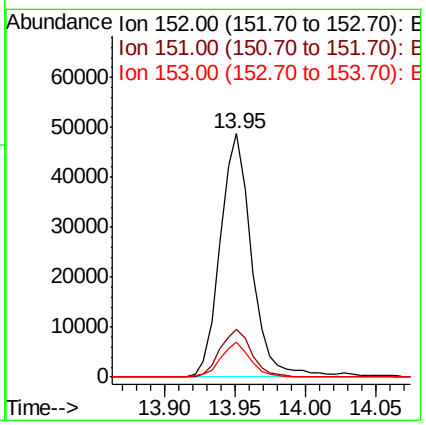


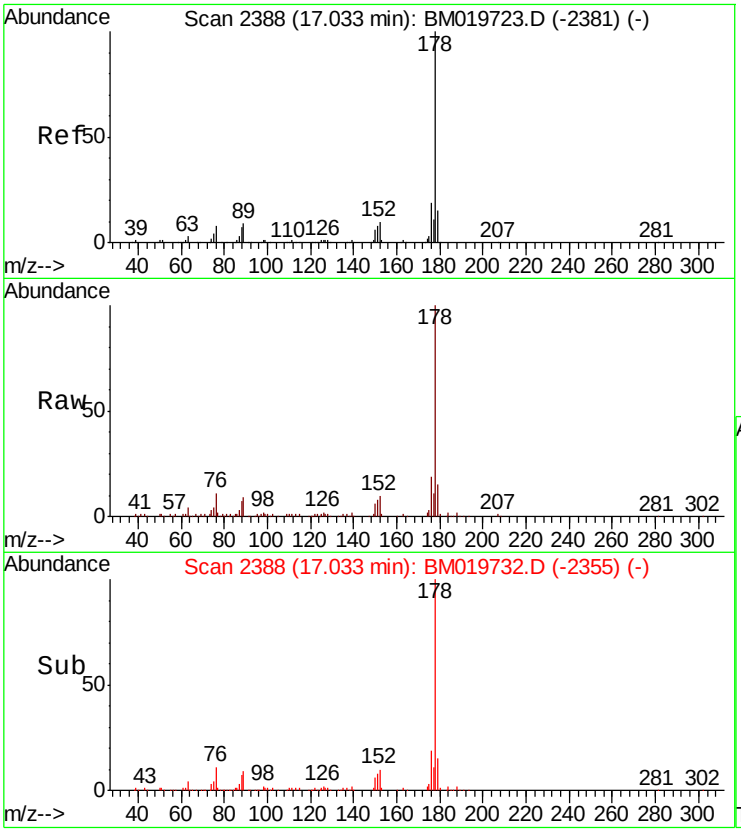


#48
Acenaphthylene
Concen: 1.507 ng/ul
RT: 13.95 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:152 Resp: 75680

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	14.2	10.8	16.2



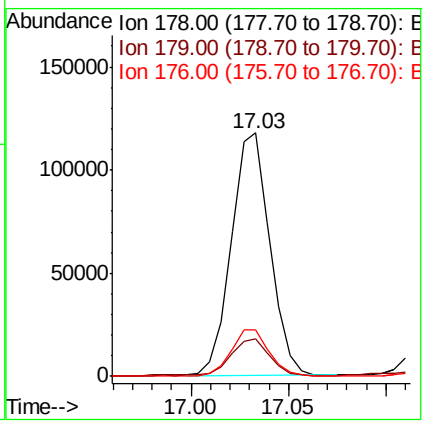


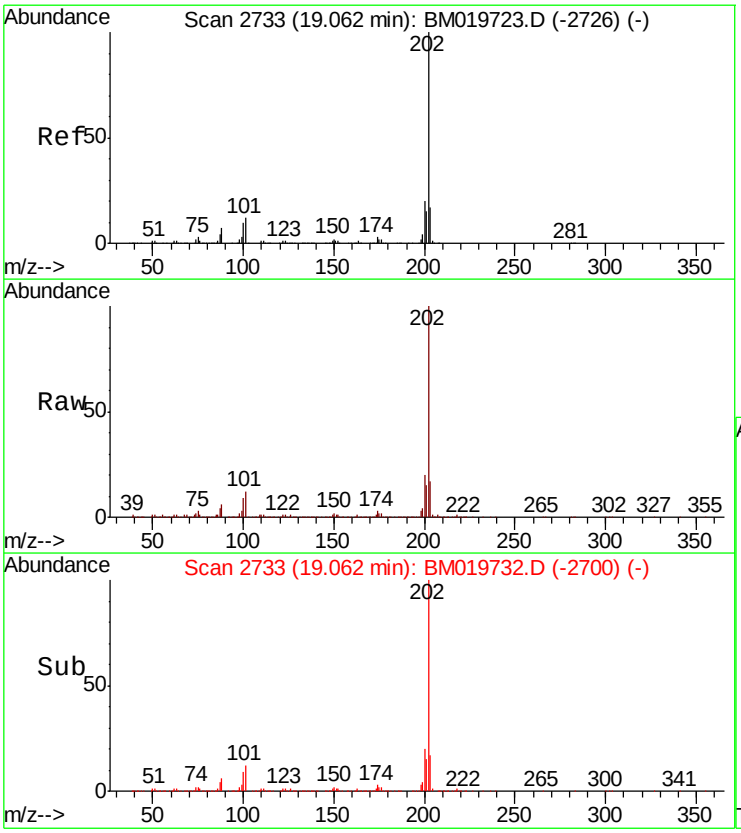
#70
Phenanthrene
Concen: 2.695 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:178 Resp: 160786

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.3	15.4	23.0

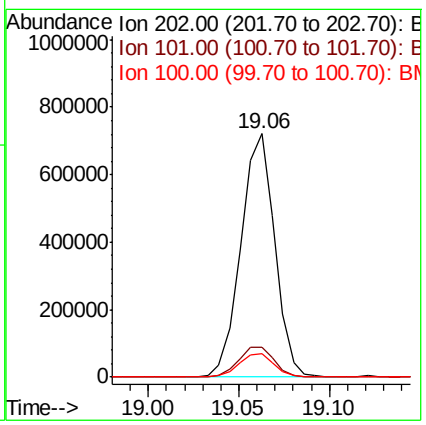


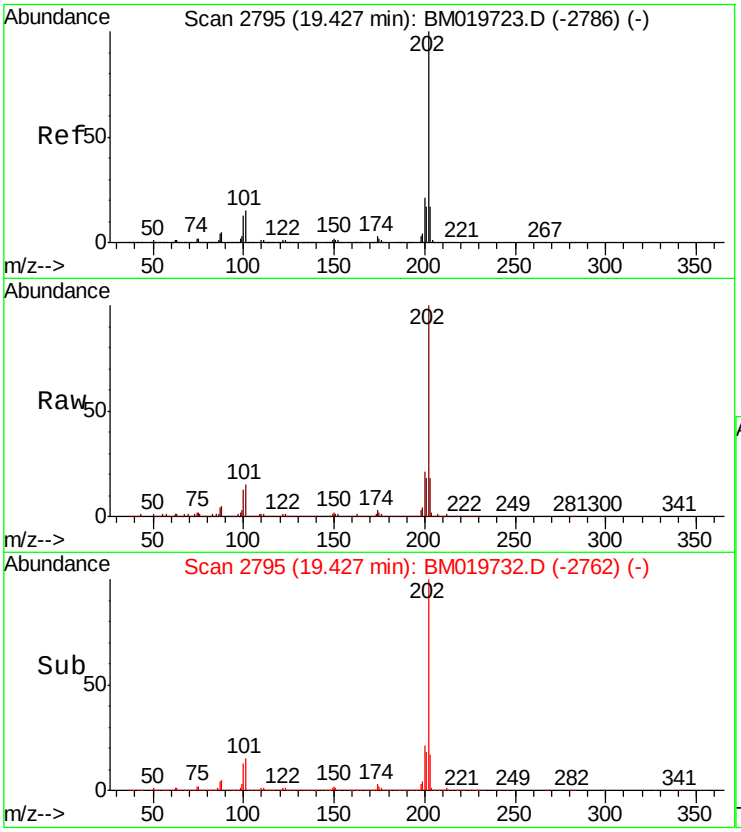


#77
Fluoranthene
Concen: 13.725 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:202 Resp: 938243

Ion	Ratio	Lower	Upper
202	100		
101	12.2	6.1	9.1#
100	9.4	4.6	7.0#



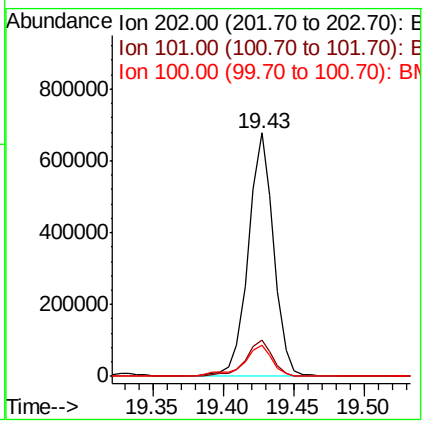


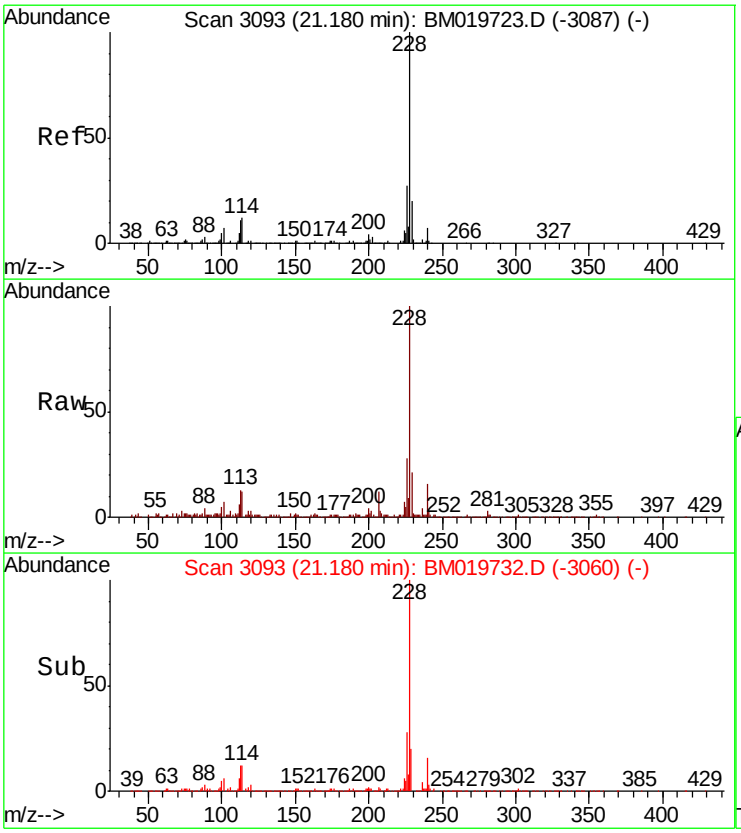
#80
Pyrene
Concen: 18.469 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:202 Resp: 853654

Ion	Ratio	Lower	Upper
202	100		
101	14.7	6.9	10.3#
100	12.8	5.6	8.4#

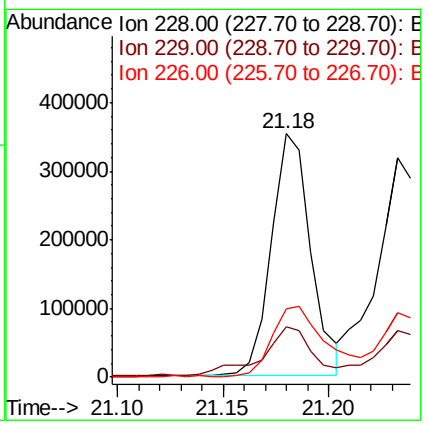


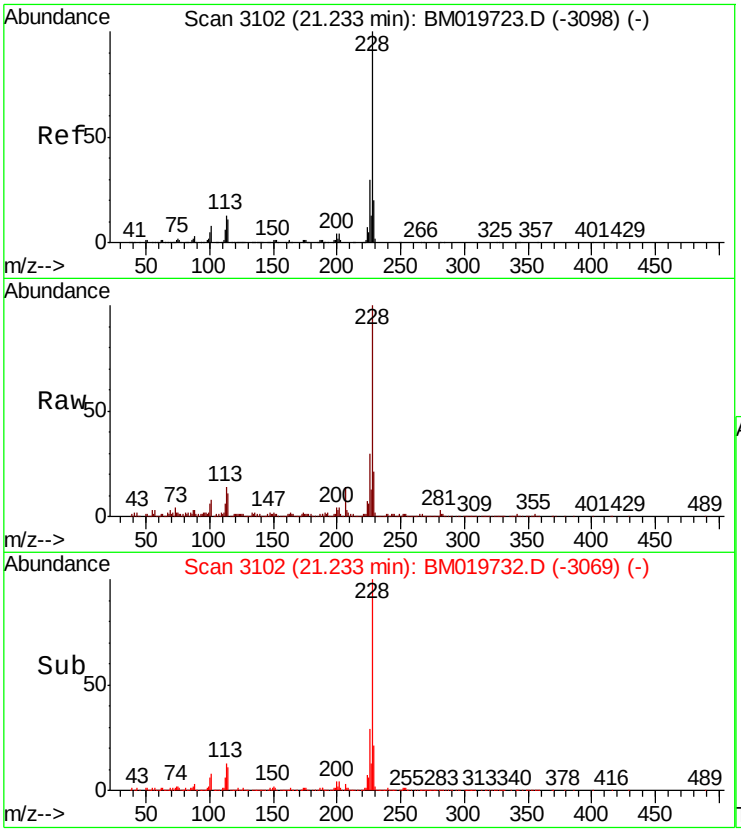


#83
Benzo(a)anthracene
Concen: 9.922 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:228 Resp: 458835

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.0	24.0
226	28.1	21.8	32.8



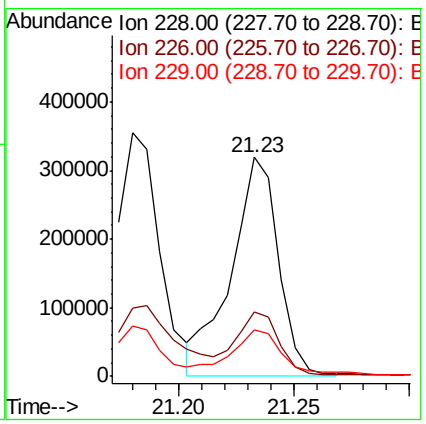


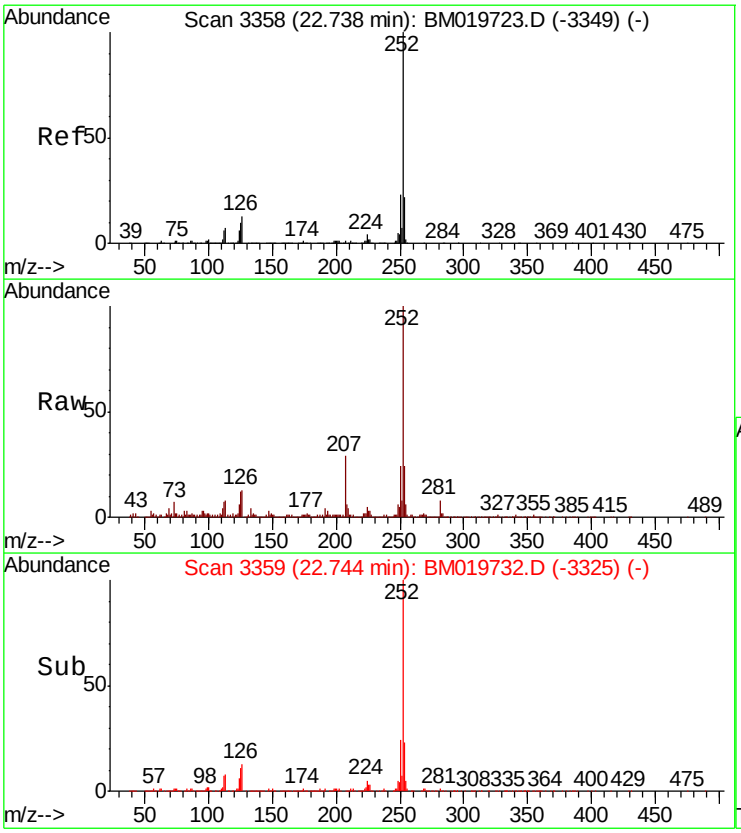
#85
Chrysene
Concen: 10.237 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:228 Resp: 454215

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.1	16.0	24.0

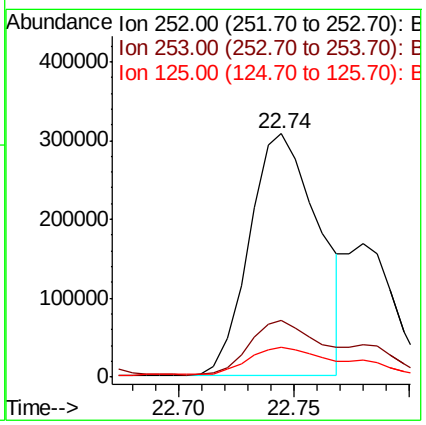


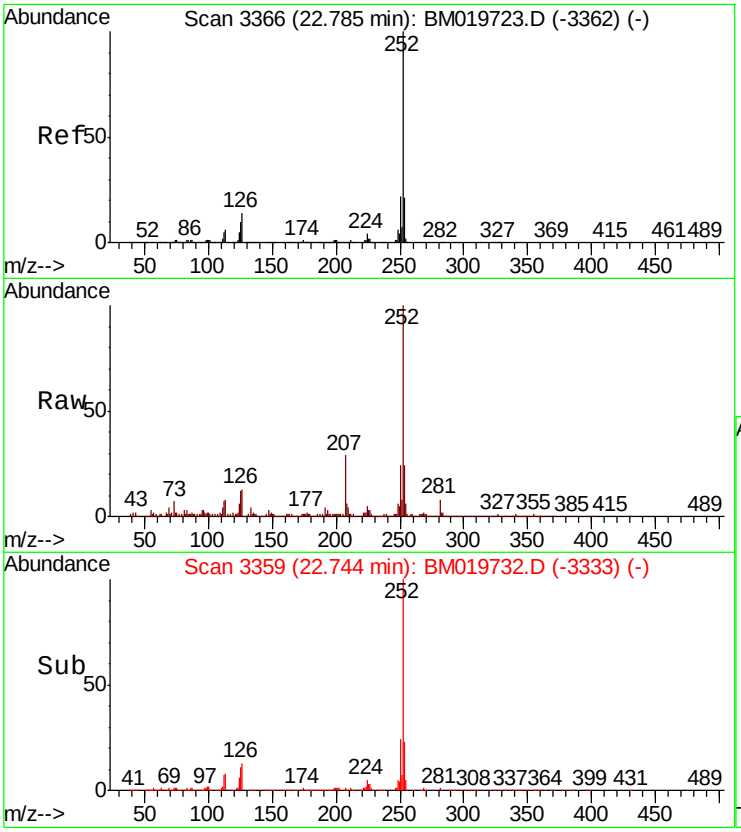


#88
Benzo(b)fluoranthene
Concen: 14.669 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:252 Resp: 643442

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.0
125	12.1	4.9	7.3#



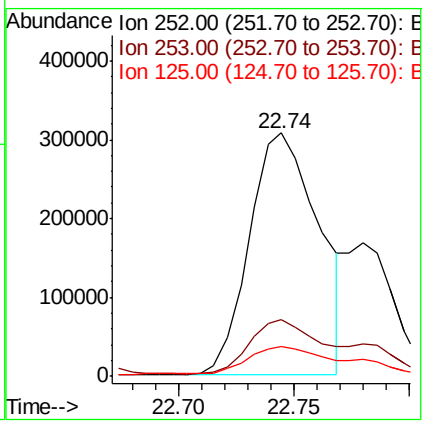


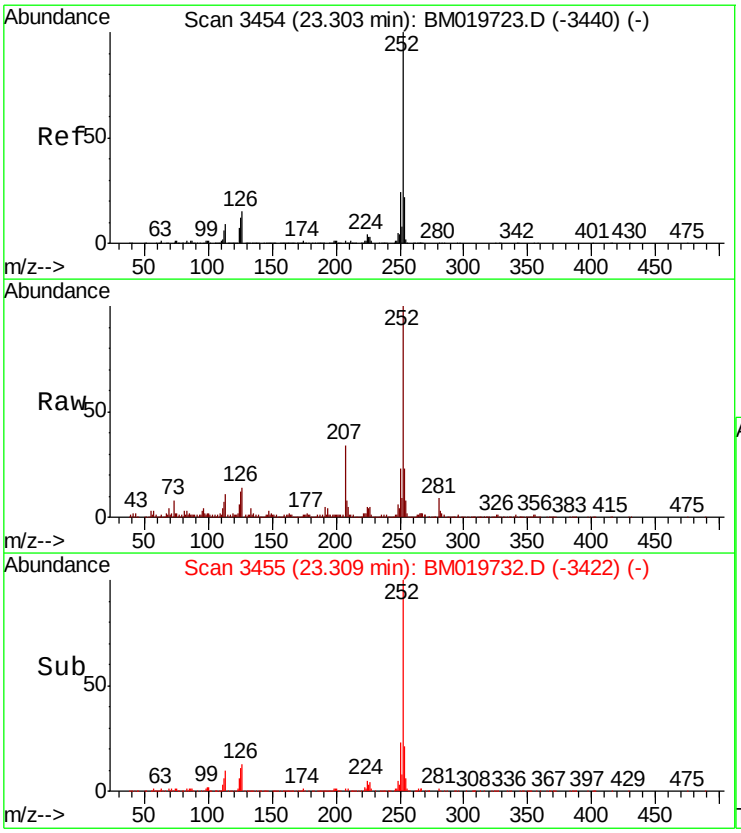
#89
Benzo(k)fluoranthene
Concen: 15.275 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.05 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:252 Resp: 643442

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.1	25.7
125	12.1	5.4	8.0#

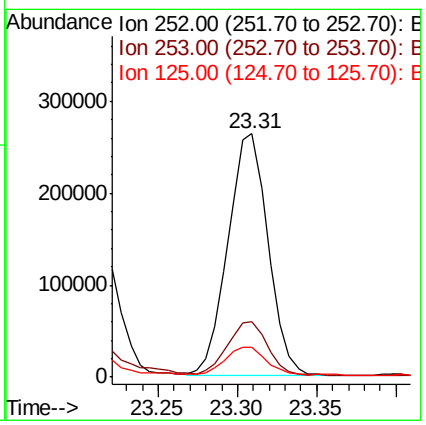


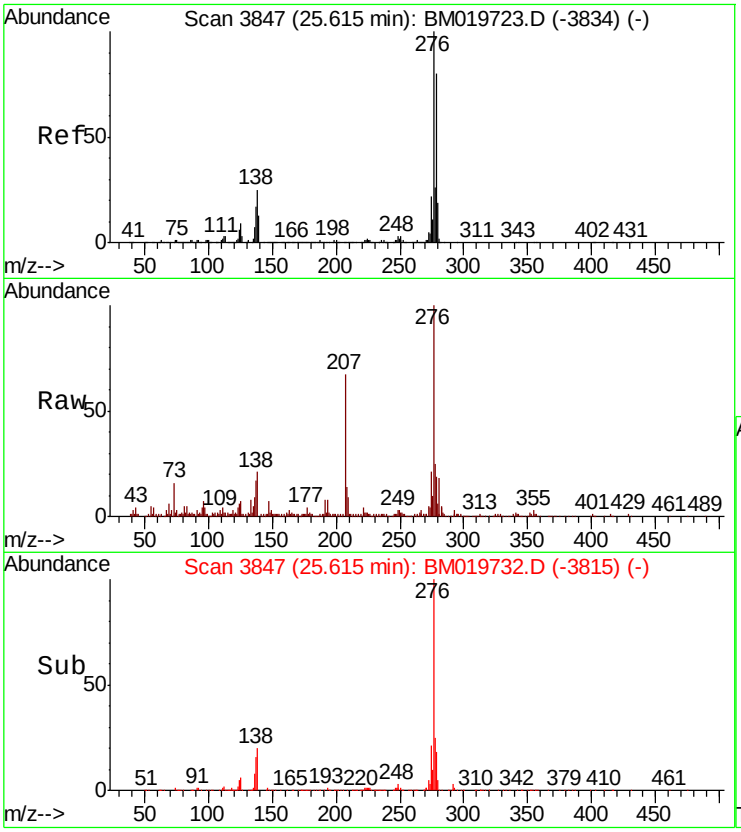


#91
Benzo(a)pyrene
Concen: 11.021 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:252 Resp: 462153

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	12.1	5.8	8.6#



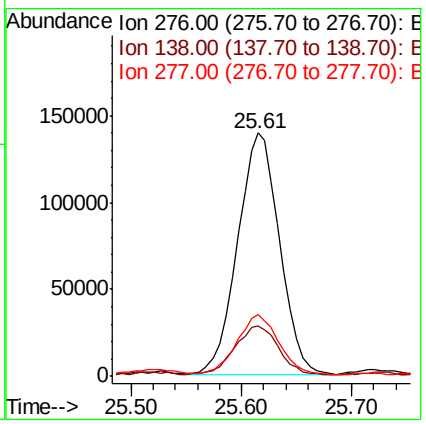


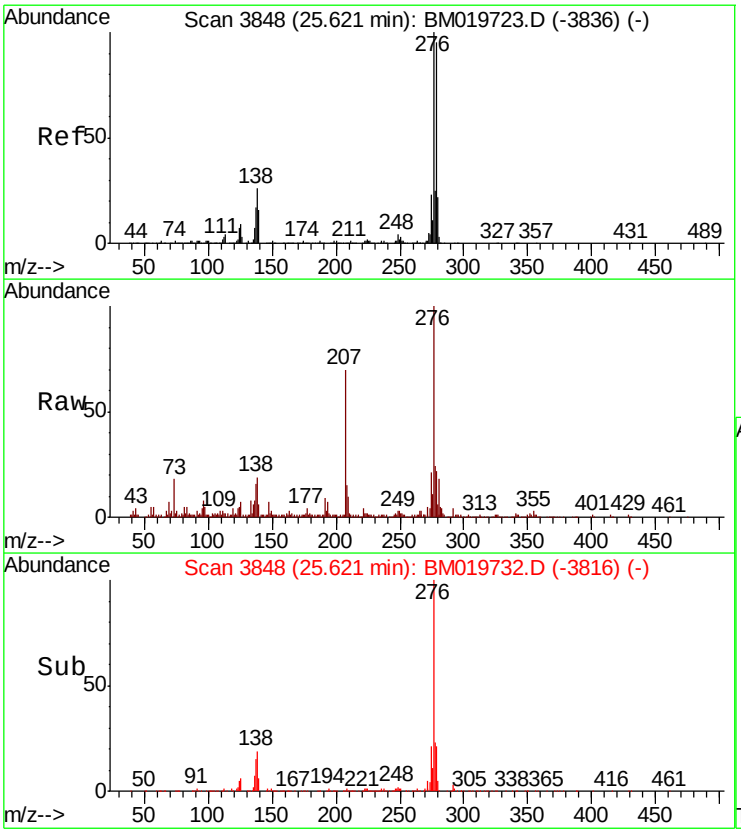
#92
Indeno(1,2,3-cd)pyrene
Concen: 7.011 ng/ul
RT: 25.61 min Scan# 3847
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:276 Resp: 368126

Ion	Ratio	Lower	Upper
276	100		
138	20.6	10.9	16.3#
277	25.3	18.9	28.3

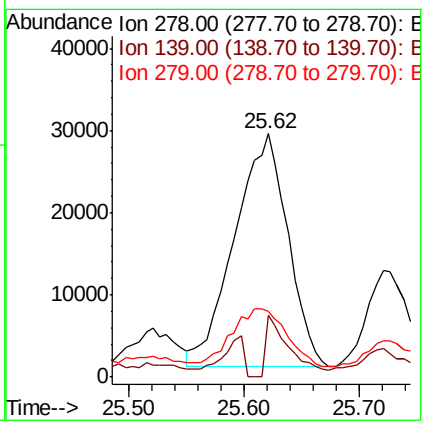


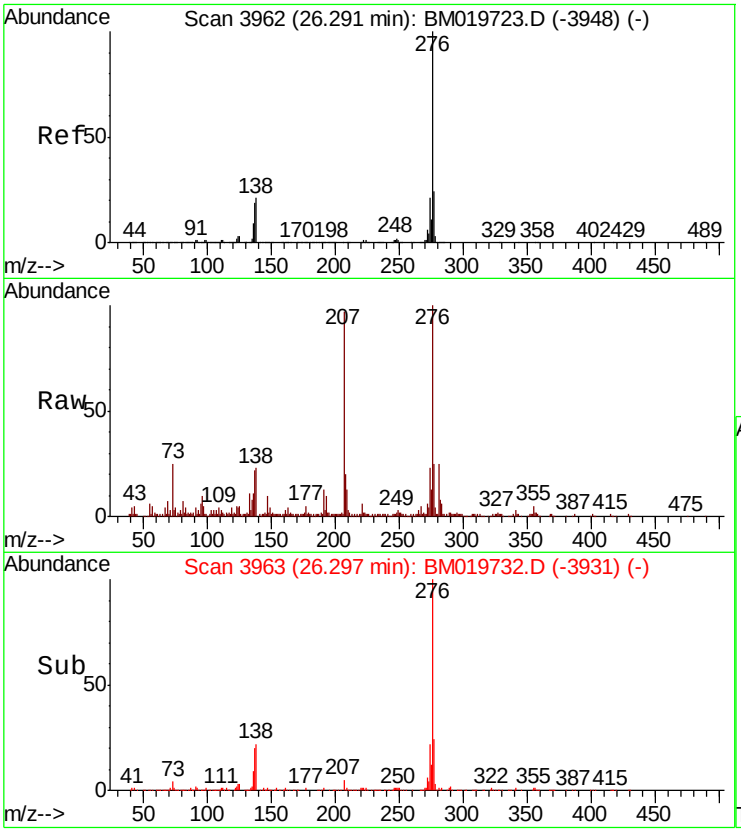


#93
Dibenzo(a,h)anthracene
Concen: 2.038 ng/ul
RT: 25.62 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Tgt Ion:278 Resp: 91235

Ion	Ratio	Lower	Upper
278	100		
139	25.6	9.0	13.4#
279	26.7	19.1	28.7





#94
Benzo(g,h,i)perylene
Concen: 7.002 ng/ul
RT: 26.30 min Scan# 3963
Delta R.T. -0.01 min
Lab File: BM019732.D
Acq: 03 Apr 2019 16:19

Instrument :
BNA_M
ClientSampleId :
BF5G3

Tgt Ion:276 Resp: 307236

Ion	Ratio	Lower	Upper
276	100		
138	23.0	11.2	16.8#
277	25.0	19.0	28.6