Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052119\
Data File : BM020465.D
Acq On : 21 May 2019 18:18
Operator : JU/SJ
Sample : K2923-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A4248

Quant Time: May 22 04:57:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	42216	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	150908	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	83002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	195570	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	227379	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	274004	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	7795	6.81	ng/uL	0.00
5) Phenol-d5	6.89	99	101397	30.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	62384	29.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	78069	31.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	65990	26.91	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	32034	32.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	34722	32.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	69446	30.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	55438	23.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	197156	33.02	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	251444	33.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	15109	17.42	ng/ul	0.00
57) Fluorene-d10	15.37	176	176982	33.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	22042	19.79	ng/ul	0.00
70) Anthracene-d10	17.23	188	280713	33.46	ng/ul	0.00
78) Pyrene-d10	19.53	212	364690	33.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	433873	34.84	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	3923	1.107	ng/ul#	87
44) Dimethylphthalate	13.83	163	73555	12.451	ng/ul	98
69) Phenanthrene	17.17	178	14174	1.521	ng/ul	97
71) Anthracene	17.17	178	14174	1.495	ng/ul	98
76) Fluoranthene	19.19	202	41952	3.564	ng/ul	99
79) Pyrene	19.56	202	40650	2.979	ng/ul	99
82) Benzo(a)anthracene	21.31	228	23228	1.697	ng/ul	94
84) Chrysene	21.36	228	22335	1.708	ng/ul	94
87) Benzo(b)fluoranthene	22.91	252	37346	2.388	ng/ul#	91
88) Benzo(k)fluoranthene	22.91	252	37346	2.431	ng/ul#	92
90) Benzo(a)pyrene	23.50	252	24300	1.651	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.90	276	21702	1.294	ng/ul	96
93) Benzo(g,h,i)perylene	26.61	276	17325	1.248	ng/ul#	93

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

Quantitation Report (Not Reviewed)

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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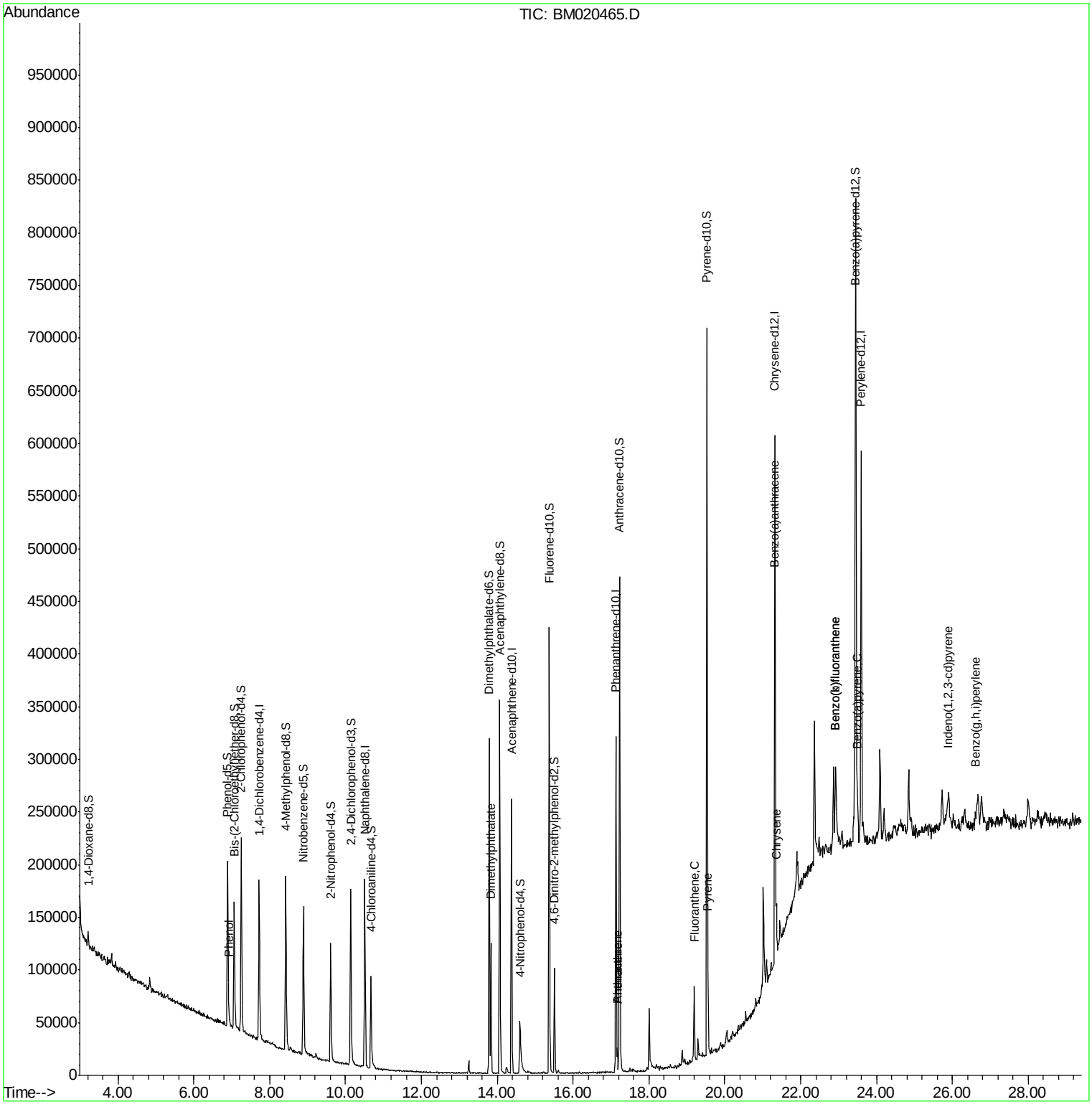
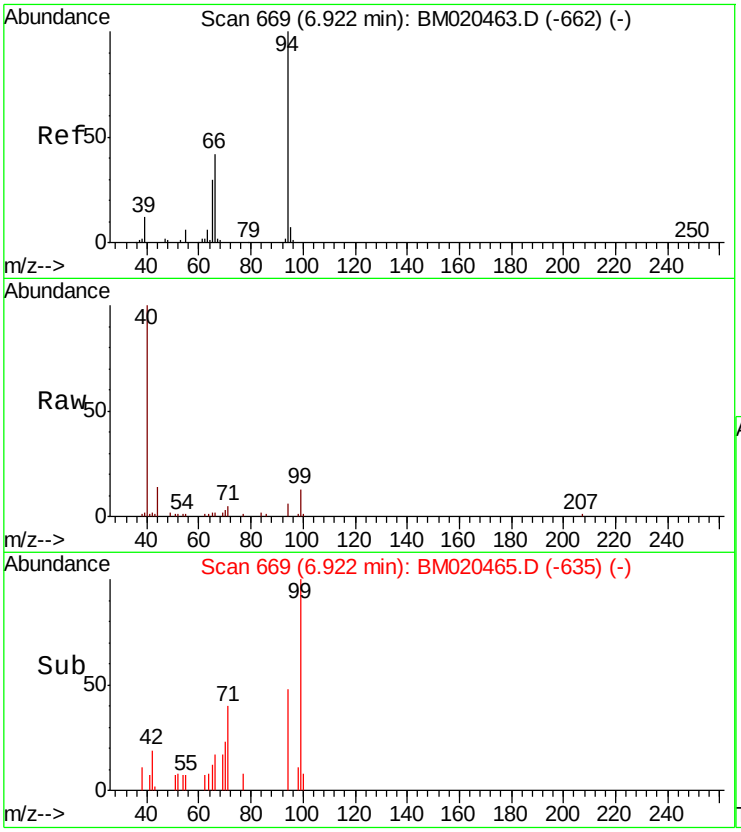
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:54:12 2019
Response via : Initial Calibration



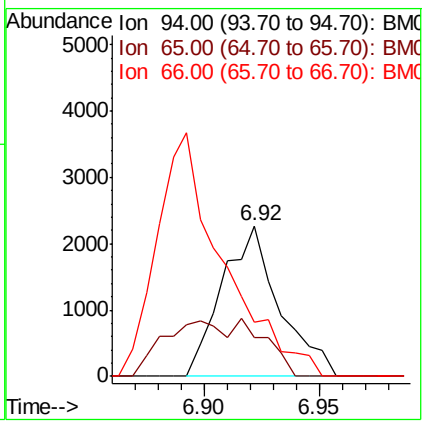


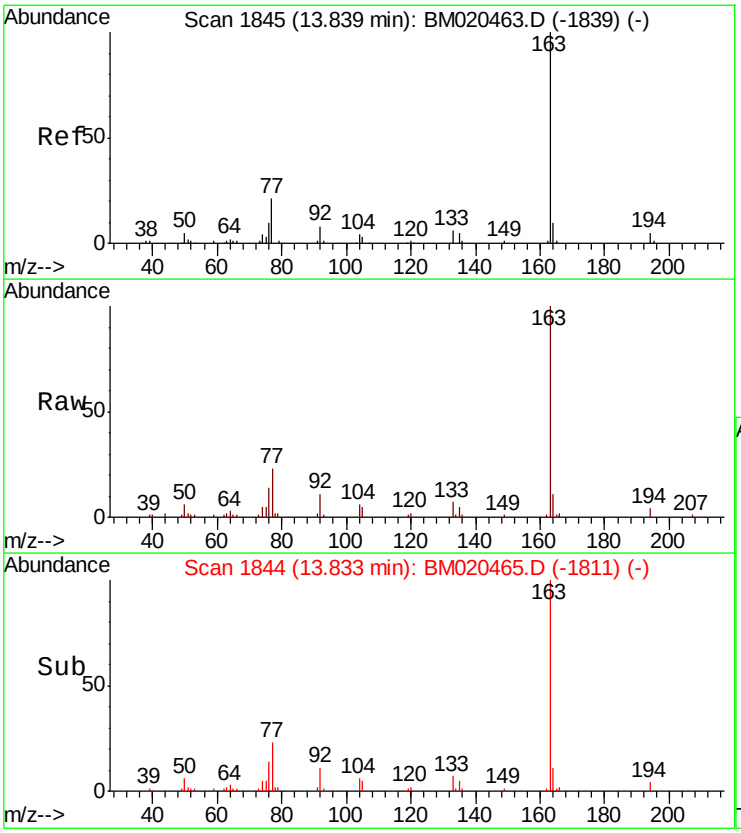
#6
Phenol
Concen: 1.107 ng/ul
RT: 6.92 min Scan# 669
Delta R.T. -0.00 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion: 94 Resp: 3923

Ion	Ratio	Lower	Upper
94	100		
65	25.9	25.4	38.0
66	36.4	36.5	54.7#

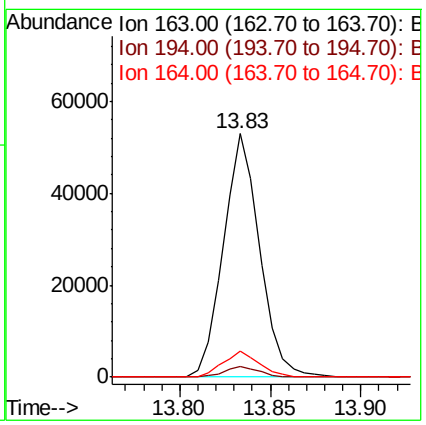


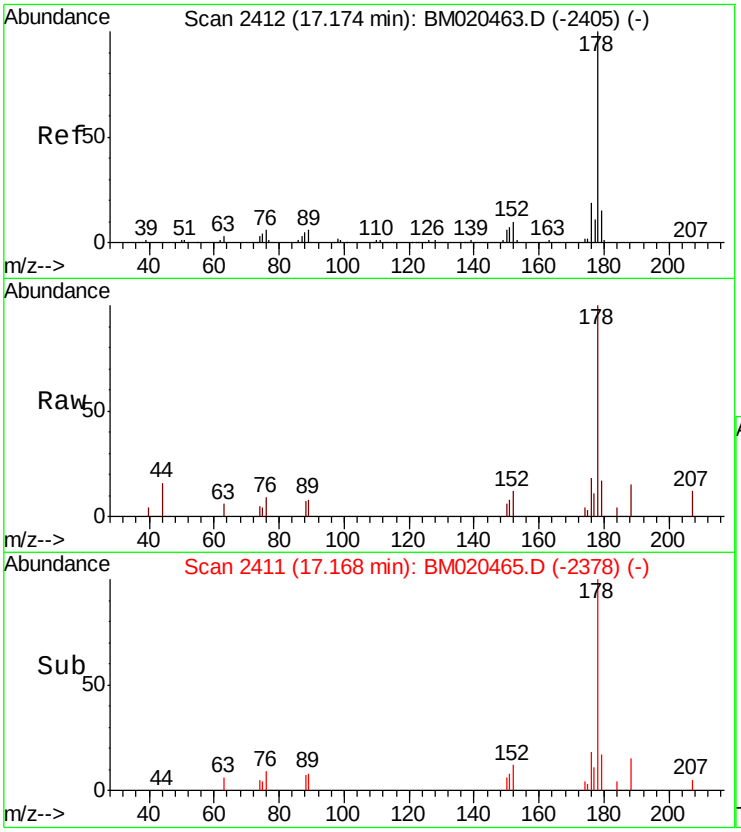


#44
Dimethylphthalate
Concen: 12.451 ng/ul
RT: 13.83 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:163 Resp: 73555

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.3	4.9
164	10.7	8.0	12.0



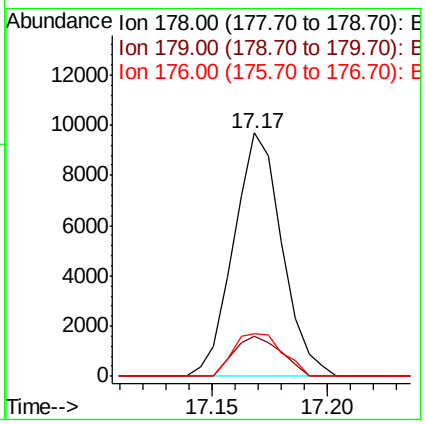


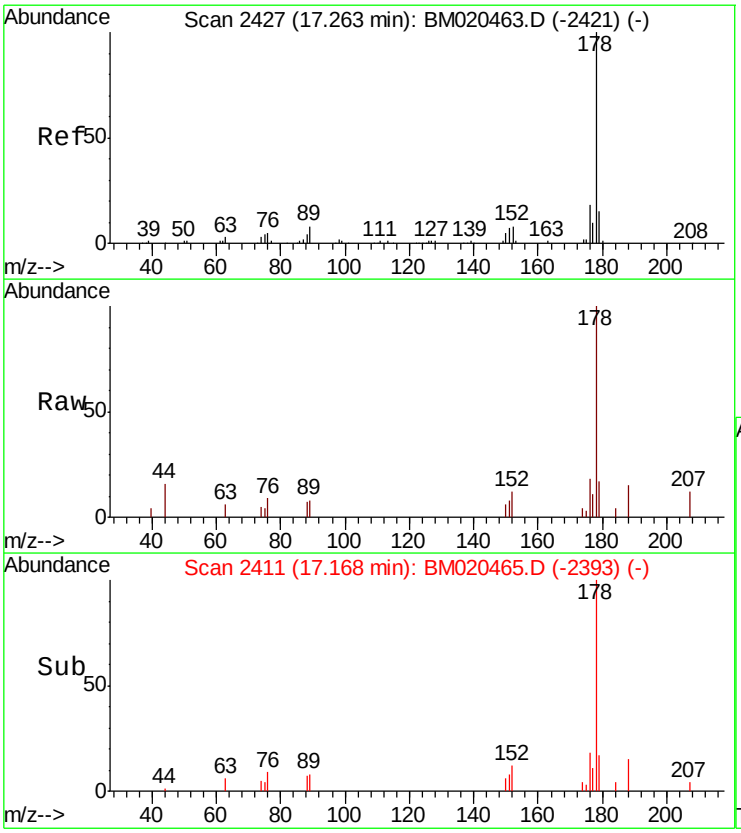
#69
Phenanthrene
Concen: 1.521 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:178 Resp: 14174

Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.9	17.9
176	17.7	14.6	22.0

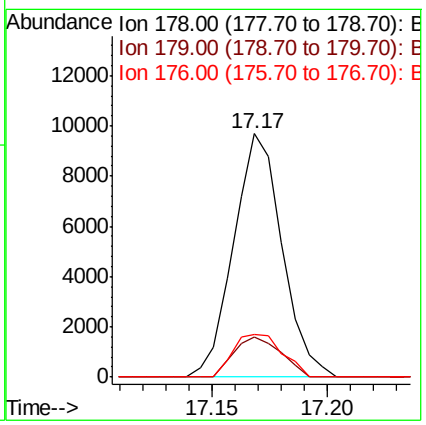


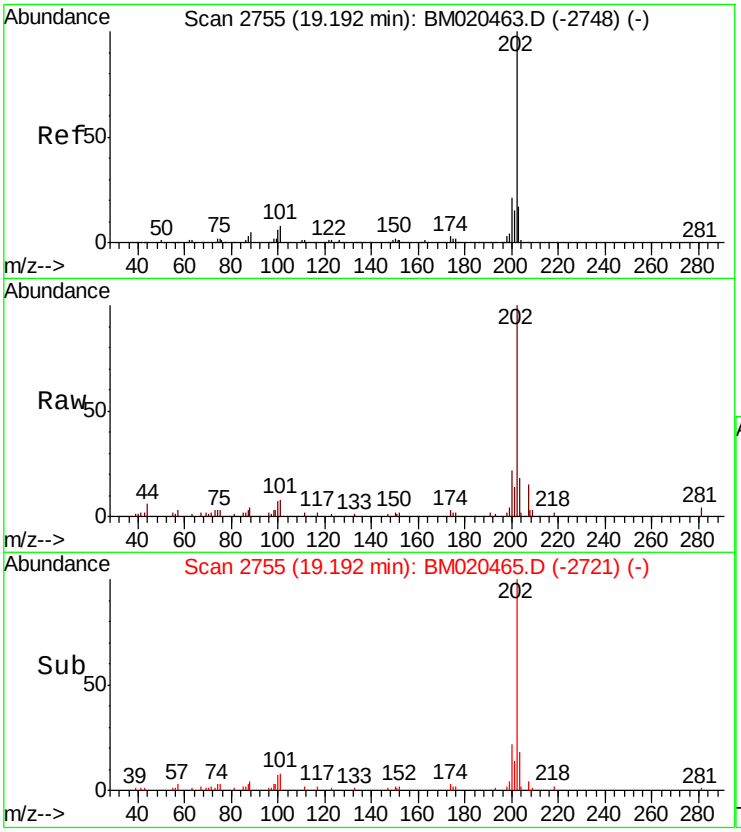


#71
Anthracene
Concen: 1.495 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.09 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:178 Resp: 14174

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.4	18.6
176	17.7	14.4	21.6



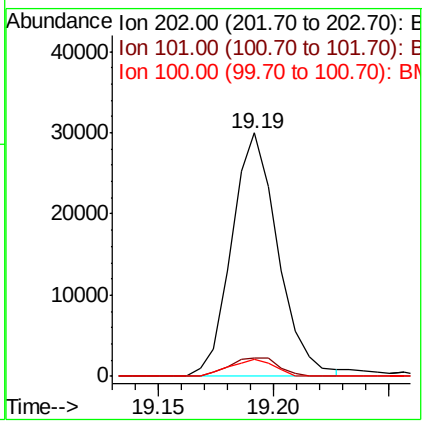


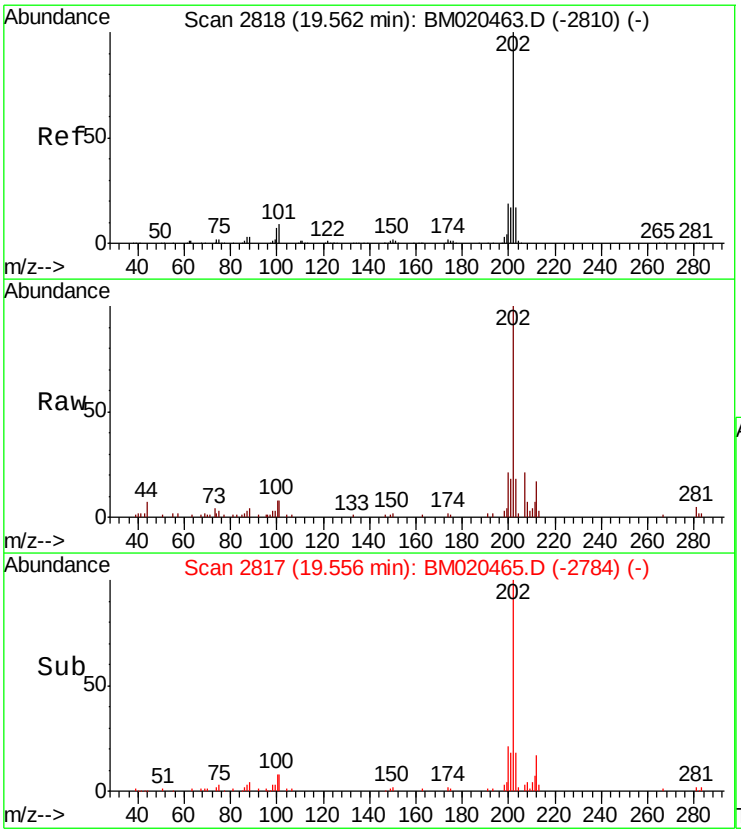
#76
Fluoranthene
Concen: 3.564 ng/ul
RT: 19.19 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:202 Resp: 41952

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.4	9.6
100	7.0	5.2	7.8

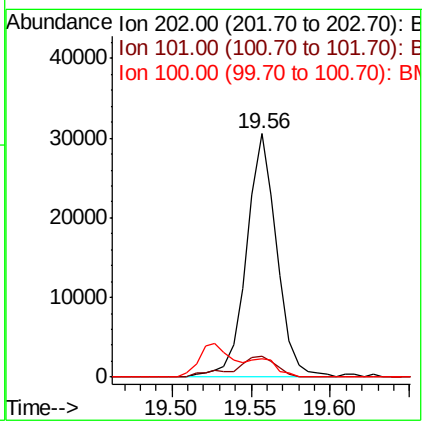


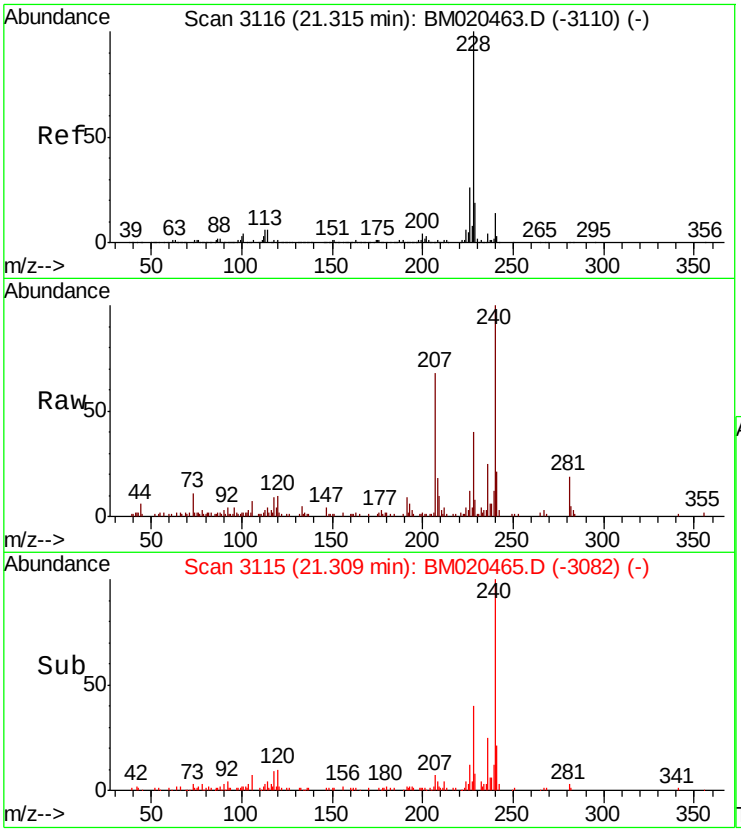


#79
Pyrene
Concen: 2.979 ng/ul
RT: 19.56 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:202 Resp: 40650

Ion	Ratio	Lower	Upper
202	100		
101	8.4	7.1	10.7
100	7.6	5.9	8.9



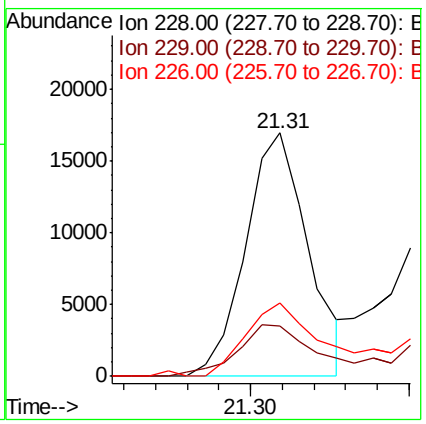


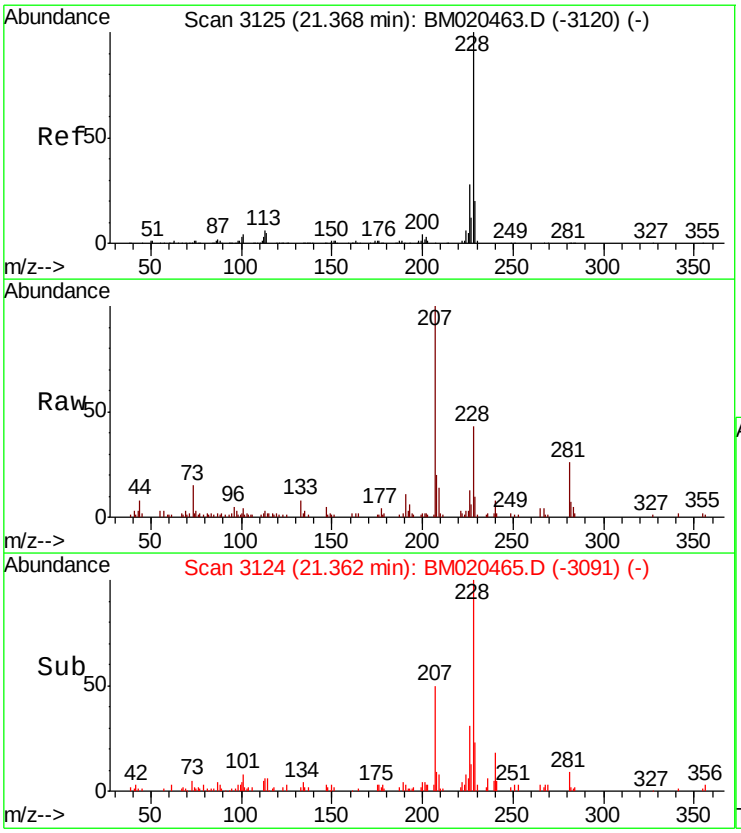
#82
Benzo(a)anthracene
Concen: 1.697 ng/ul
RT: 21.31 min Scan# 3115
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:228 Resp: 23228

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.8
226	29.9	20.6	30.8

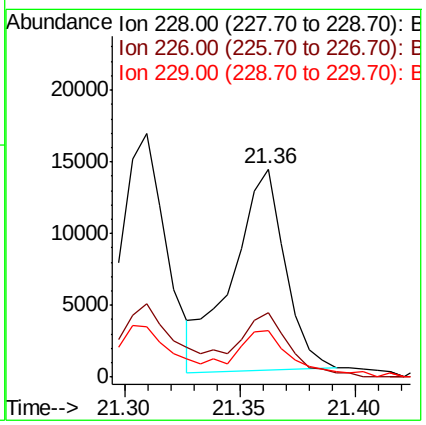


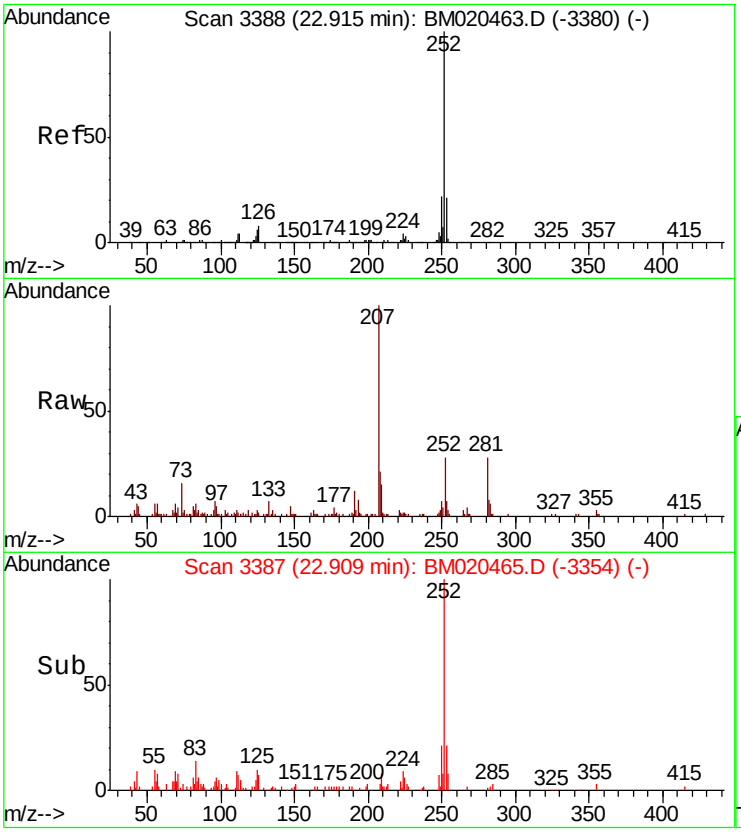


#84
Chrysene
Concen: 1.708 ng/ul
RT: 21.36 min Scan# 3124
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:228 Resp: 22335

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.4
229	22.5	15.4	23.2



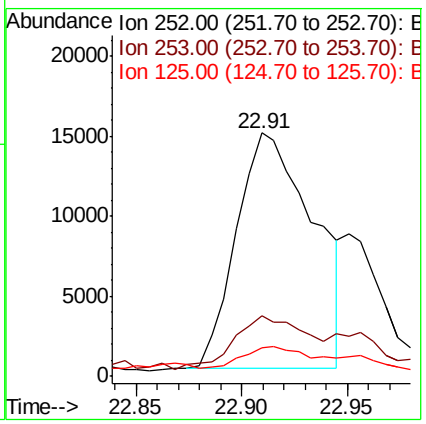


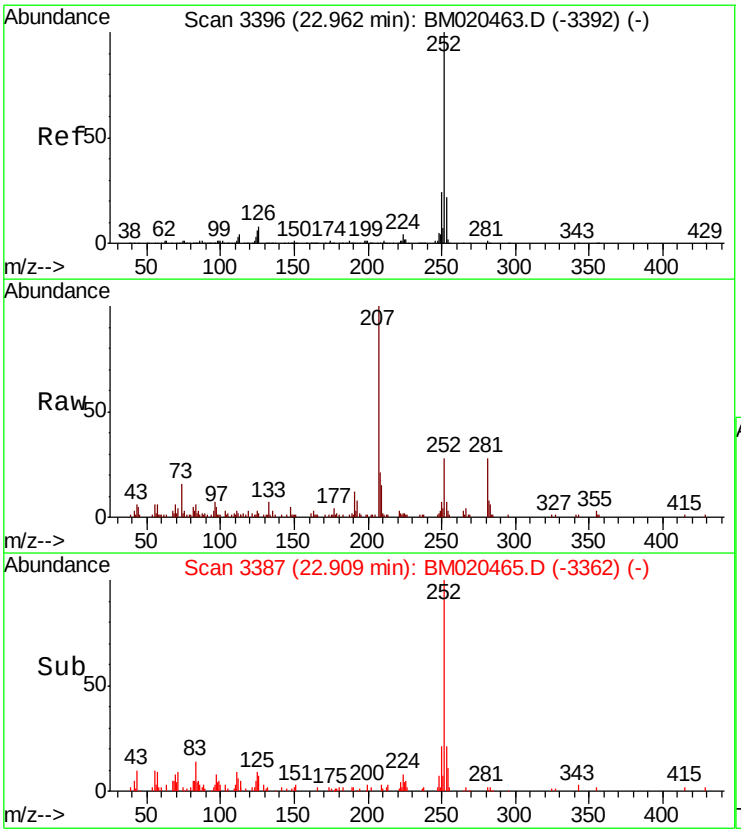
#87
Benzo(b)fluoranthene
Concen: 2.388 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:252 Resp: 37346

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.0	25.6
125	11.9	5.0	7.4#

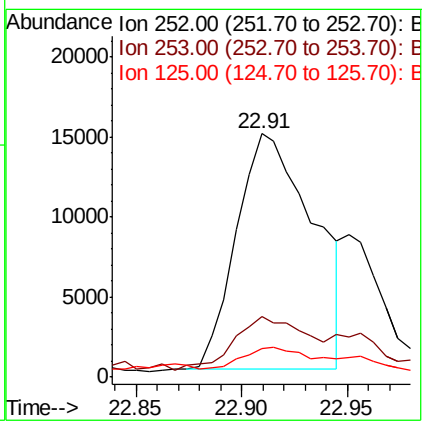


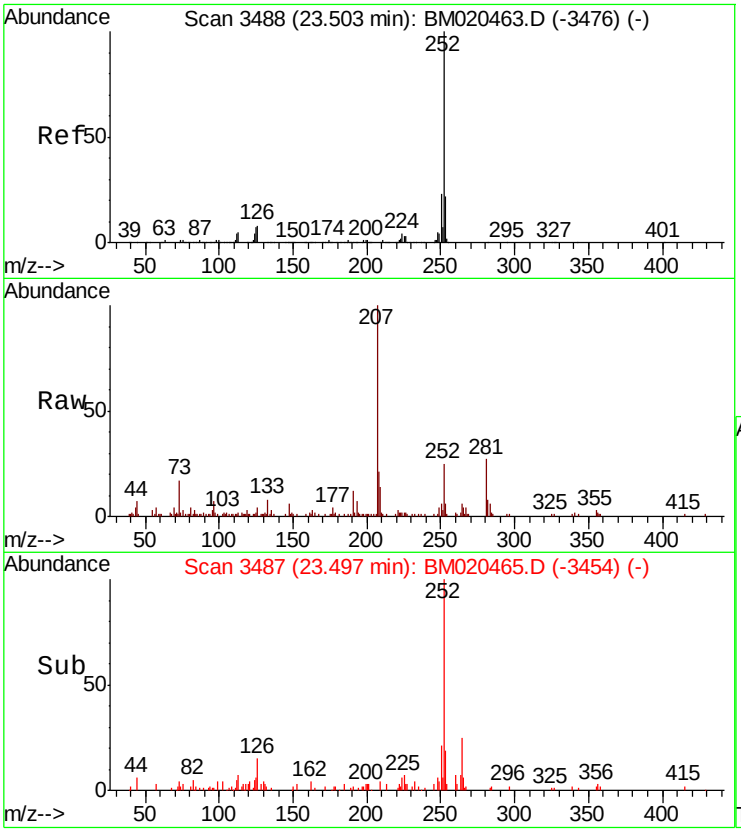


#88
Benzo(k)fluoranthene
Concen: 2.431 ng/ul
RT: 22.91 min Scan# 3387
Delta R.T. -0.05 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:252 Resp: 37346

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	11.9	5.0	7.6#



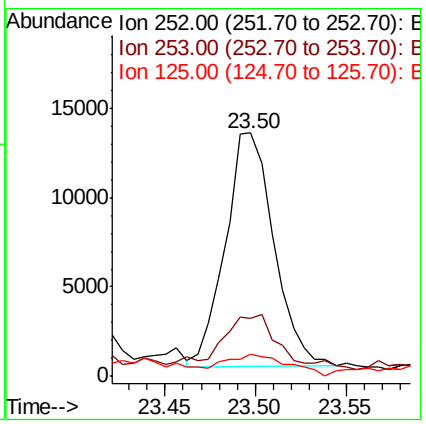


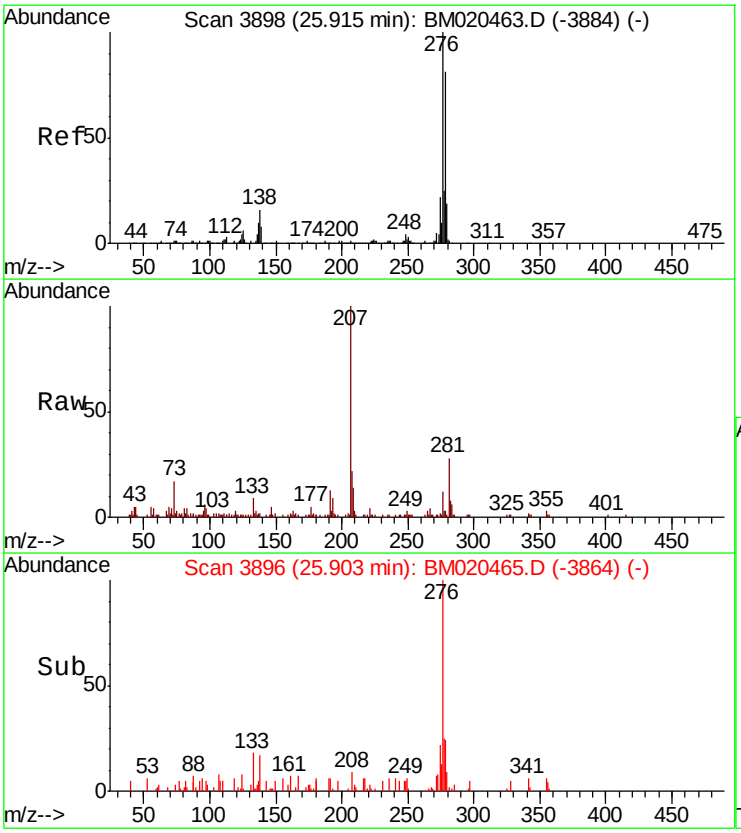
#90
Benzo(a)pyrene
Concen: 1.651 ng/ul
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:252 Resp: 24300

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.2
125	9.3	5.4	8.2#

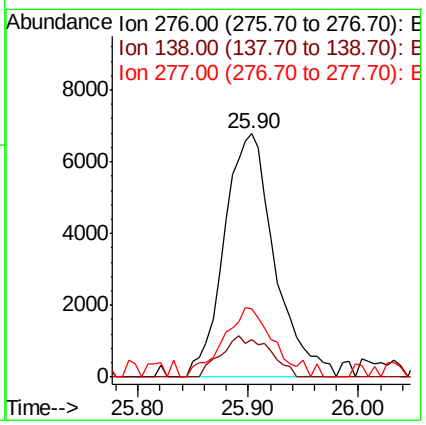


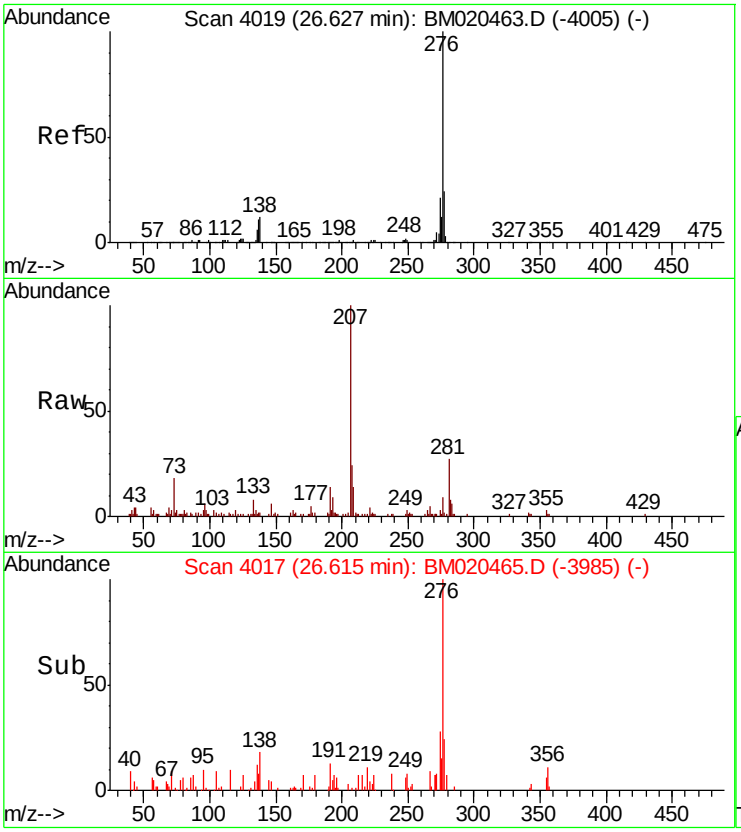


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.294 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Tgt Ion:276 Resp: 21702

Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.3	18.5
277	28.3	20.0	30.0





#93
Benzo(g,h,i)perylene
Concen: 1.248 ng/ul
RT: 26.61 min Scan# 4017
Delta R.T. -0.01 min
Lab File: BM020465.D
Acq: 21 May 2019 18:18

Instrument :
BNA_M
ClientSampleId :
A4248

Tgt Ion:276 Resp: 17325

Ion	Ratio	Lower	Upper
276	100		
138	18.0	10.0	15.0#
277	24.3	18.2	27.4