Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043123.D
Acq On : 10 Oct 2019 4:36
Operator : JU
Sample : K5175-21
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BEPG5

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:06 AM

Quant Time: Oct 10 05:35:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	62798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	253659	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	177348	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	451163	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	553886	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	665098	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6502	5.01	ng/uL	0.00
5) Phenol-d5	7.23	99	115674	24.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	71355	27.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	99770	26.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	84461	21.10	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	50526	28.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	58913	28.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	97906	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	105517	23.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	384016	26.93	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	419835	27.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	40991m	21.68	ng/ul	0.00
57) Fluorene-d10	15.67	176	326090	26.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	62287m	21.52	ng/ul	0.00
70) Anthracene-d10	17.52	188	562599	26.40	ng/ul	0.00
78) Pyrene-d10	19.81	212	755288	27.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	894705	27.22	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.26	94	13535	2.855	ng/ul	96
44) Dimethylphthalate	14.12	163	127742	9.276	ng/ul	98
69) Phenanthrene	17.46	178	167874	7.209	ng/ul	99
71) Anthracene	17.56	178	53262m	2.210	ng/ul	
74) Carbazole	17.83	167	29977	1.455	ng/ul	99
76) Fluoranthene	19.47	202	259824	8.745	ng/ul	99
79) Pyrene	19.83	202	221766	6.510	ng/ul	98
82) Benzo(a)anthracene	21.67	228	192240	5.187	ng/ul	98
84) Chrysene	21.74	228	145737	4.178	ng/ul	97
87) Benzo(b)fluoranthene	23.89	252	151586	3.830	ng/ul	99
88) Benzo(k)fluoranthene	23.93	252	76007m	1.965	ng/ul	
90) Benzo(a)pyrene	24.76	252	115740	3.055	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	28.55	276	63876m	1.391	ng/ul	
93) Benzo(g,h,i)perylene	29.71	276	45835m	1.177	ng/ul	

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_G
ClientSampleId :
BEPG5

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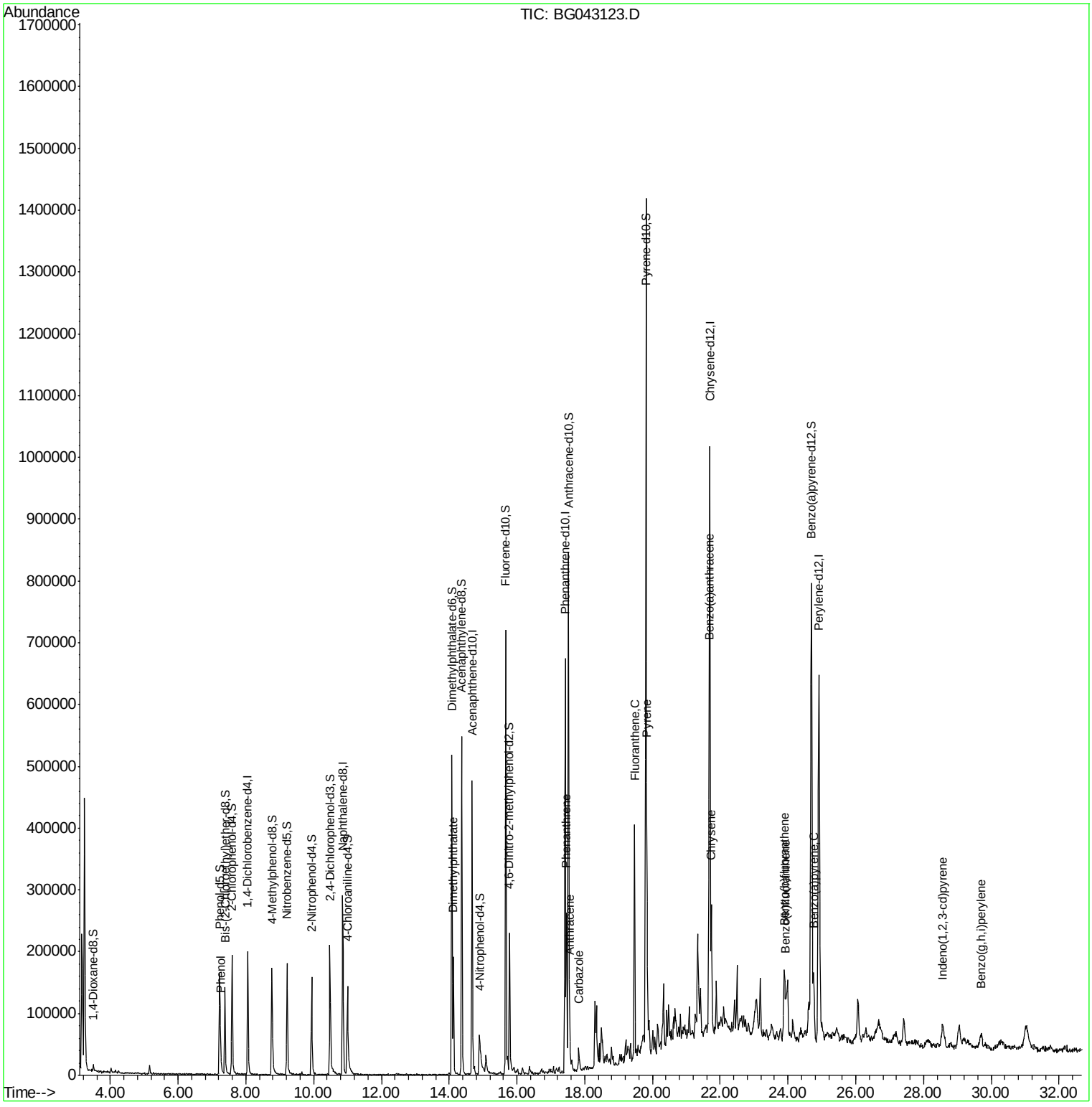
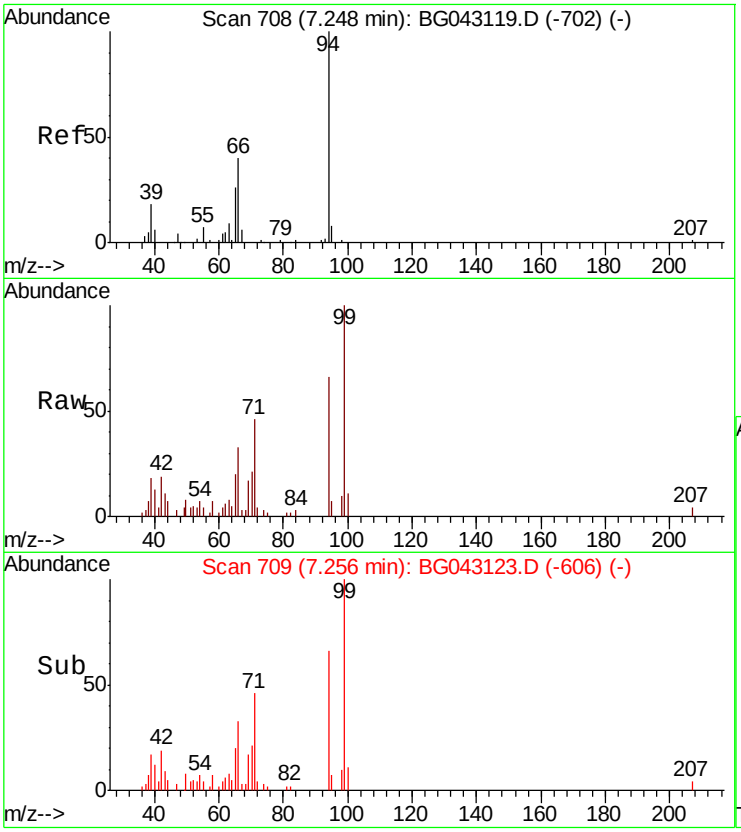
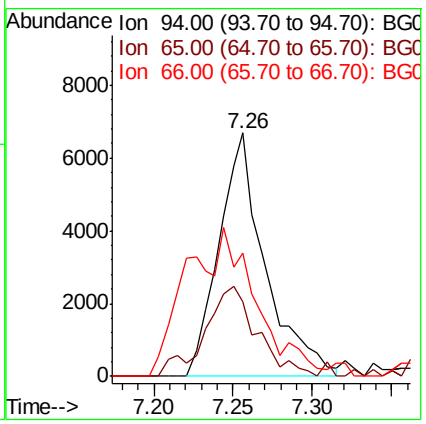




#6
Phenol
Concen: 2.855 ng/ul
RT: 7.26 min Scan# 709
Delta R.T. 0.01 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion: 94 Resp: 13535

Ion	Ratio	Lower	Upper
94	100		
65	30.8	27.2	40.8
66	50.8	38.7	58.1



Instrument :
BNA_G
ClientSampleId :
BEPG5

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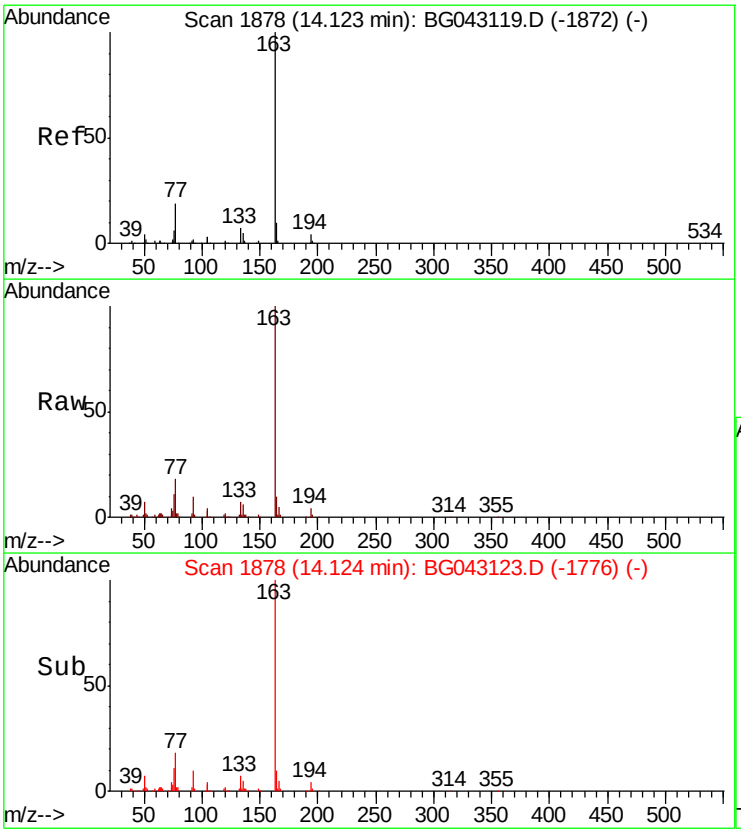
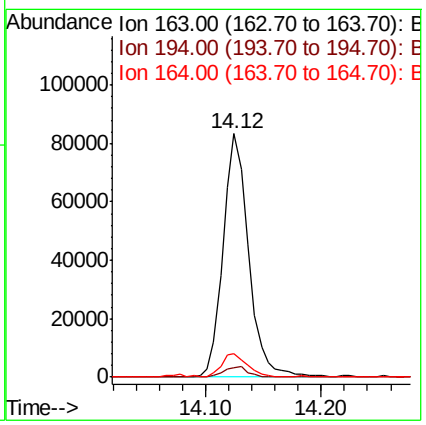
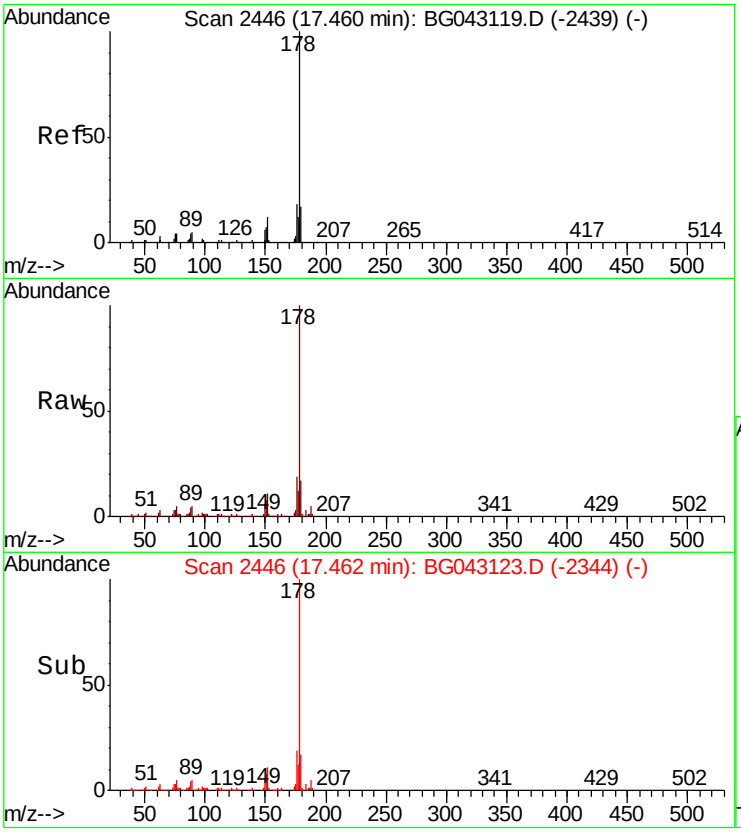


#44
Dimethylphthalate
Concen: 9.276 ng/ul
RT: 14.12 min Scan# 1878
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:163 Resp: 127742

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.6	5.4
164	9.9	8.6	12.8

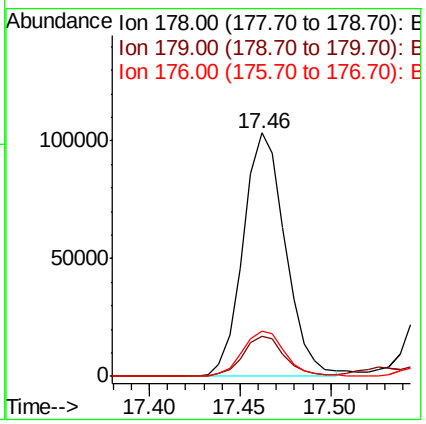




#69
Phenanthrene
Concen: 7.209 ng/ul
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:178 Resp: 167874

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.4
176	18.8	15.2	22.8



Instrument :
BNA_G
ClientSampleId :
BEPG5

Manual Integrations APPROVED
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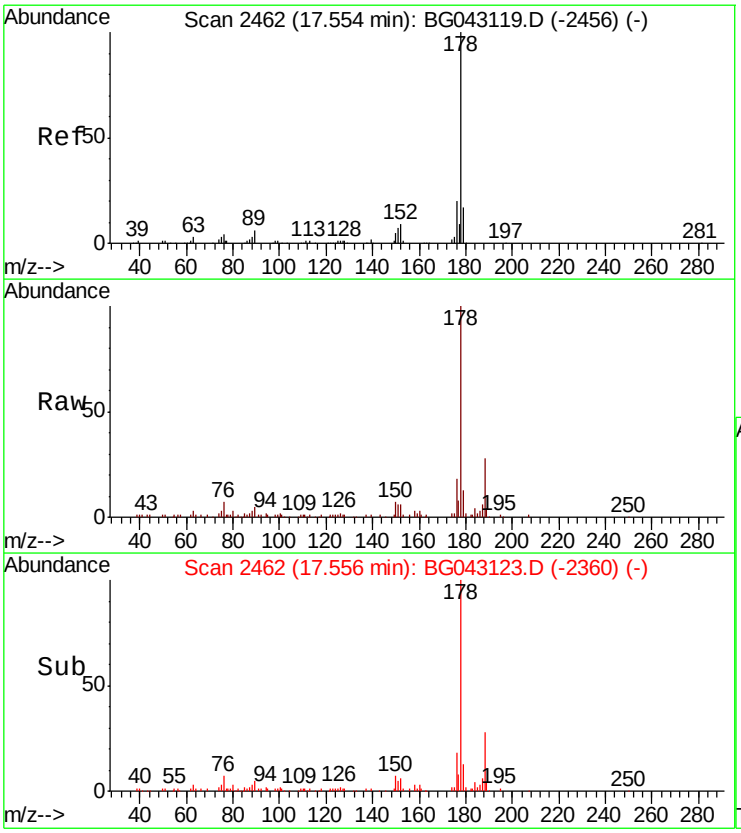
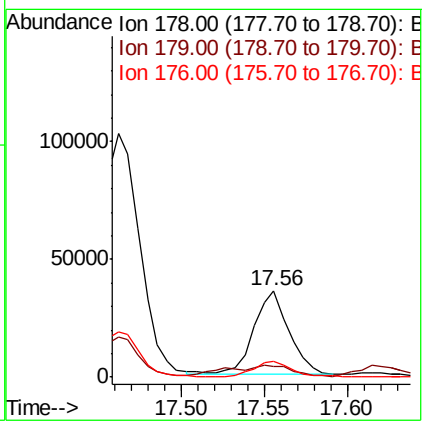
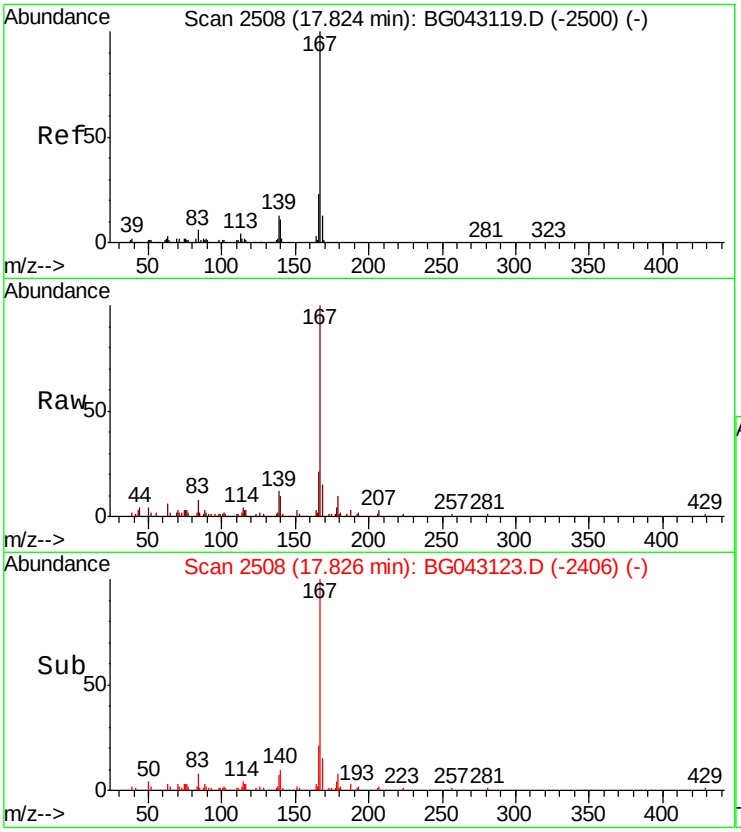


#71
Anthracene
Concen: 2.210 ng/ul m
RT: 17.56 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:178 Resp: 53262

Ion	Ratio	Lower	Upper
178	100		
179	12.8	13.0	19.4#
176	17.7	15.4	23.2

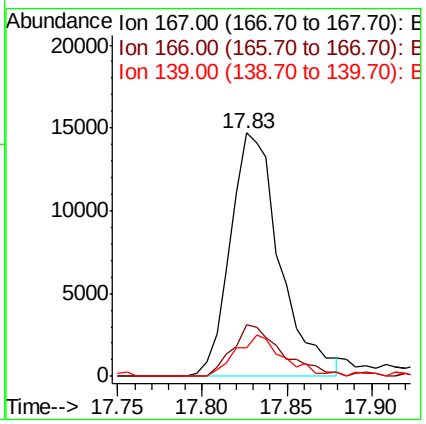




#74
Carbazole
Concen: 1.455 ng/ul
RT: 17.83 min Scan# 2508
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:167 Resp: 29977

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	11.6	9.8	14.8



Instrument :
BNA_G
ClientSampleId :
BEPG5

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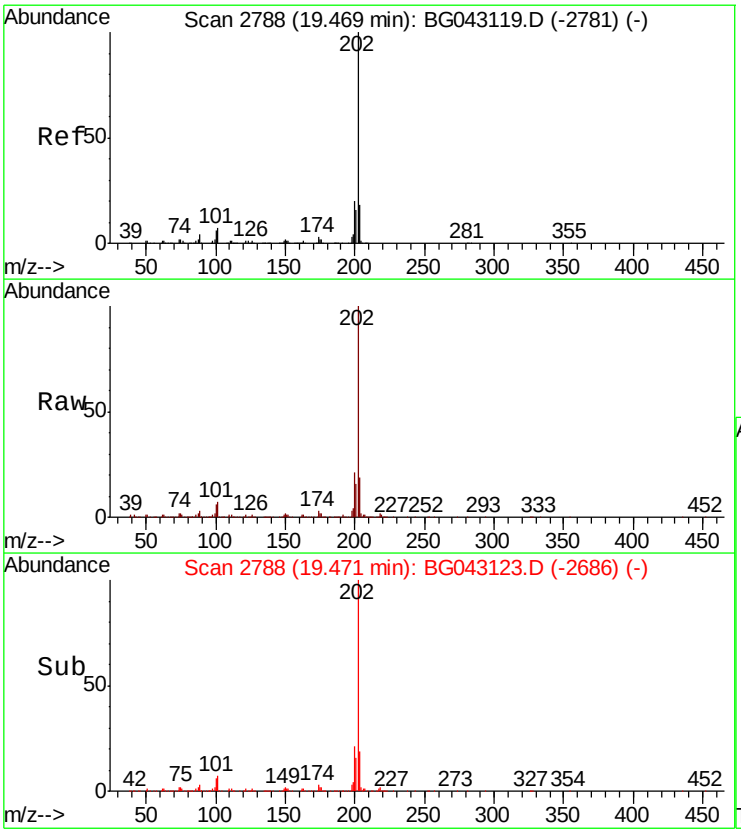
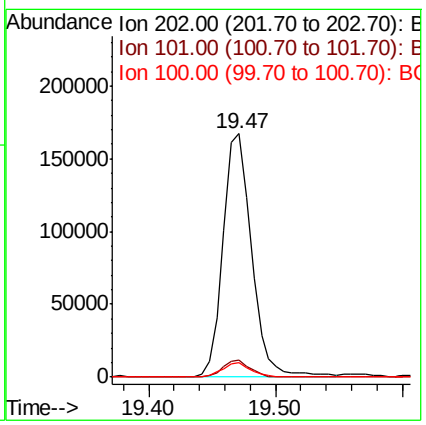
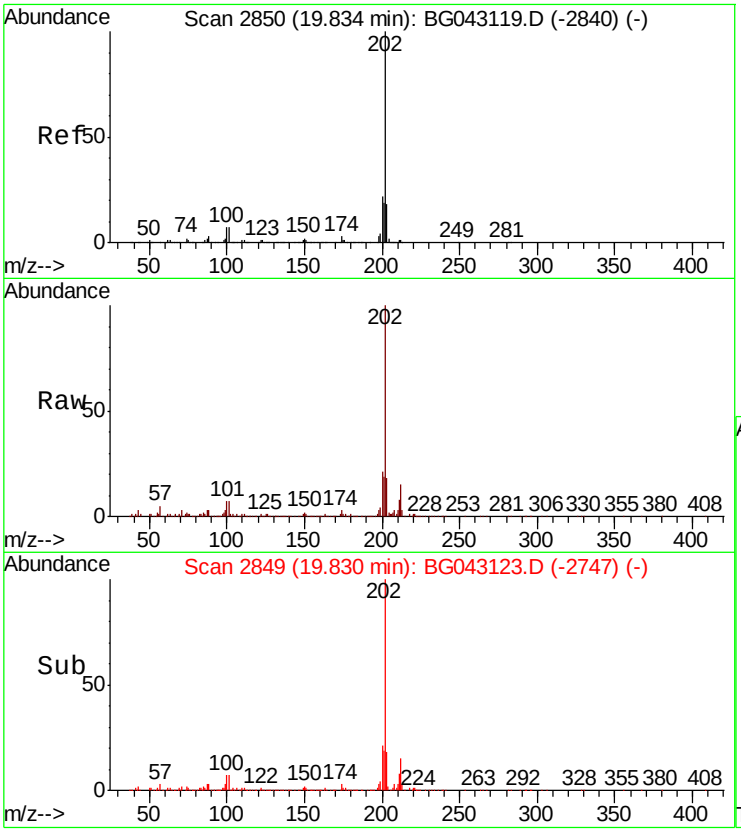


#76
Fluoranthene
Concen: 8.745 ng/ul
RT: 19.47 min Scan# 2788
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:202 Resp: 259824

Ion	Ratio	Lower	Upper
202	100		
101	6.8	5.0	7.6
100	6.1	4.6	7.0

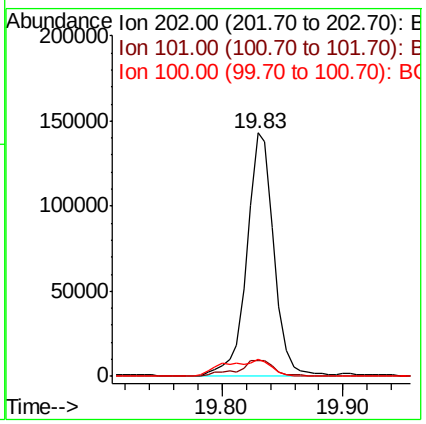




#79
Pyrene
Concen: 6.510 ng/ul
RT: 19.83 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:202 Resp: 221766

Ion	Ratio	Lower	Upper
202	100		
101	6.7	6.2	9.4
100	6.9	5.4	8.2



Instrument :
BNA_G
ClientSampleId :
BEPG5

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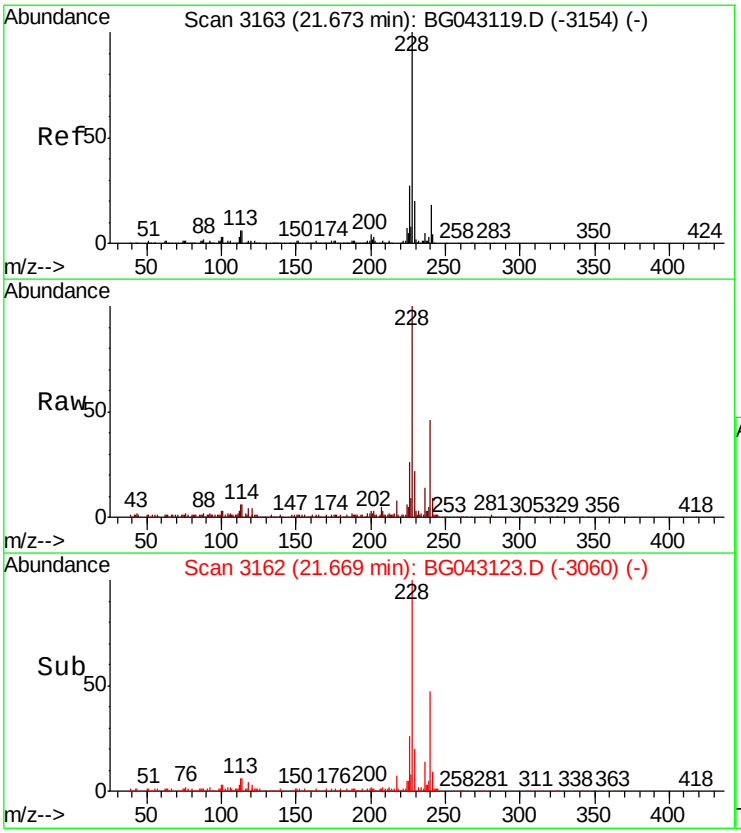
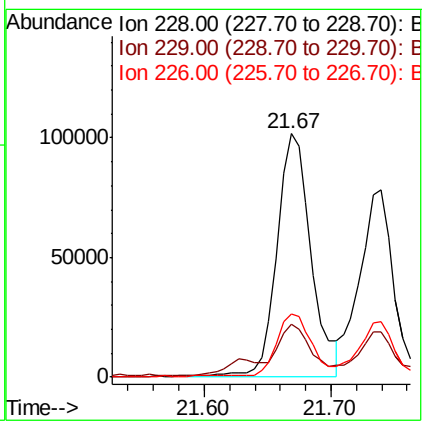
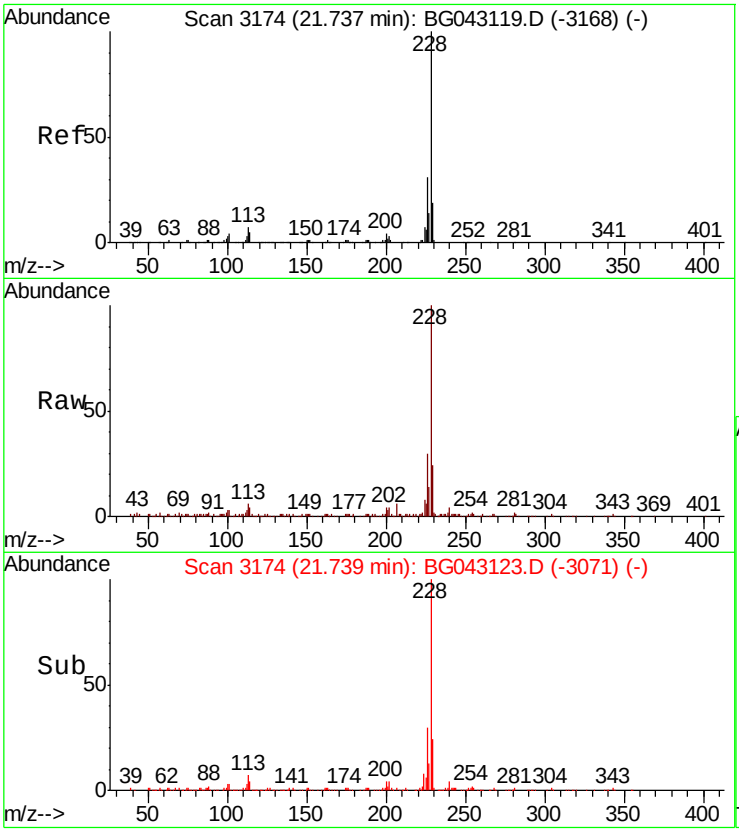


#82
Benzo(a)anthracene
Concen: 5.187 ng/ul
RT: 21.67 min Scan# 3162
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:228 Resp: 192240

Ion	Ratio	Lower	Upper
228	100		
229	21.8	16.2	24.2
226	25.9	21.0	31.4

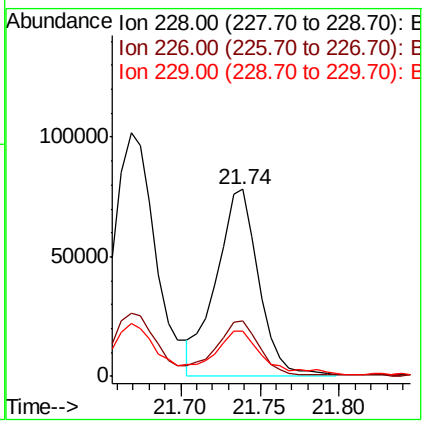




#84
Chrysene
Concen: 4.178 ng/ul
RT: 21.74 min Scan# 3174
Delta R.T. 0.01 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:228 Resp: 145737

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	24.1	16.6	25.0



Instrument :
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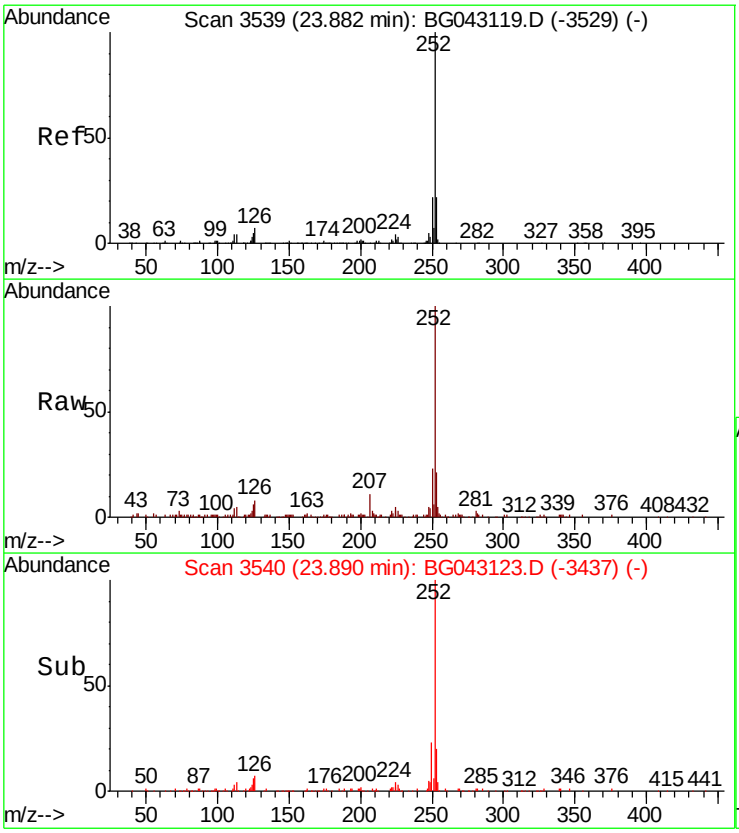
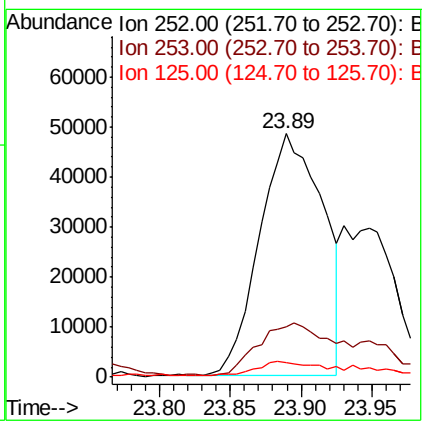
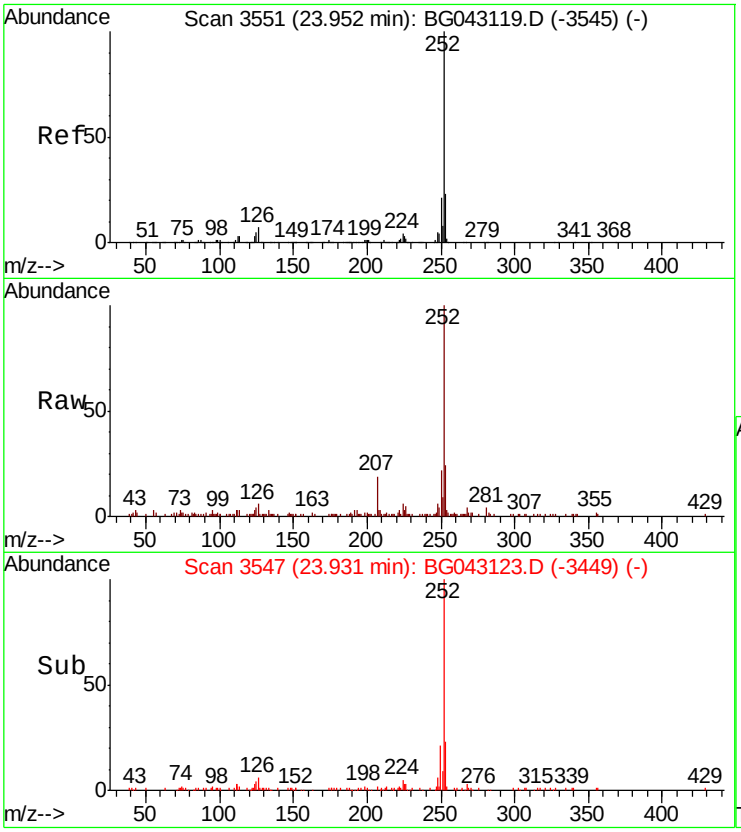


#87
Benzo(b)fluoranthene
Concen: 3.830 ng/ul
RT: 23.89 min Scan# 3540
Delta R.T. 0.01 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:252 Resp: 151586

Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.4	24.6
125	6.2	4.6	7.0





#88
Benzo(k)fluoranthene
Concen: 1.965 ng/ul m
RT: 23.93 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:252 Resp: 76007

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.4	27.6
125	4.4	4.4	6.6#

Instrument :
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ClientSampleId :
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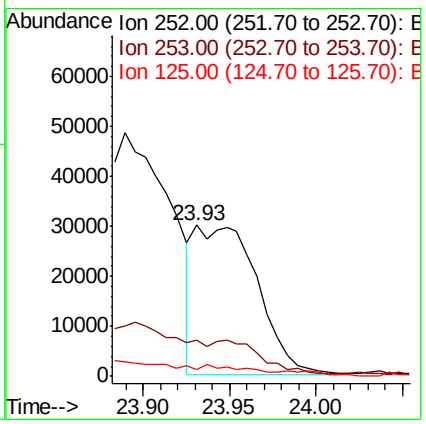
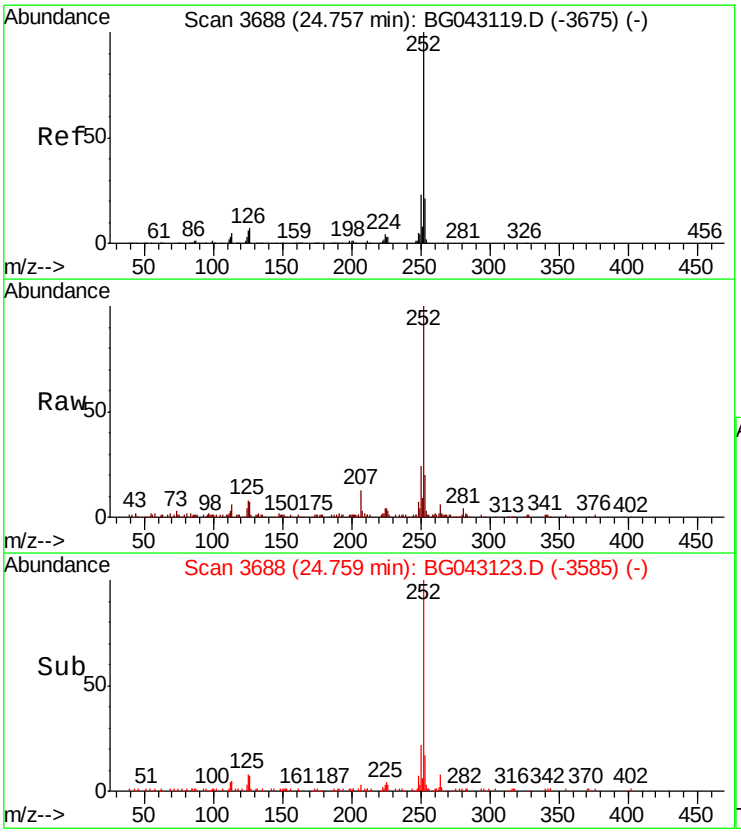
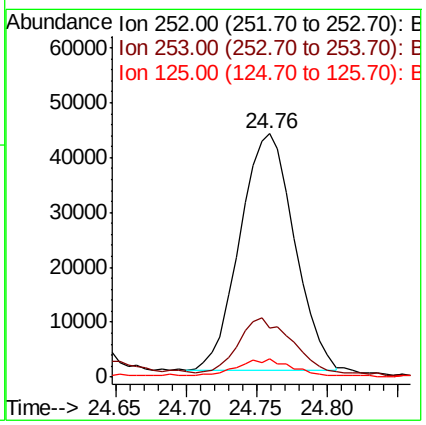


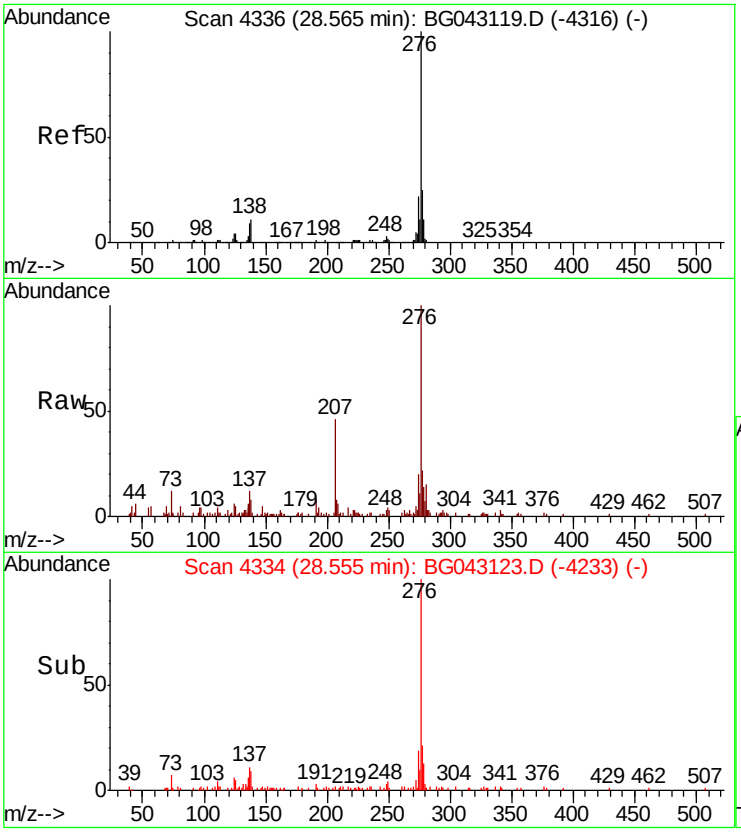


#90
Benzo(a)pyrene
Concen: 3.055 ng/ul
RT: 24.76 min Scan# 3688
Delta R.T. 0.01 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:252 Resp: 115740

Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.9	28.3
125	7.7	5.3	7.9

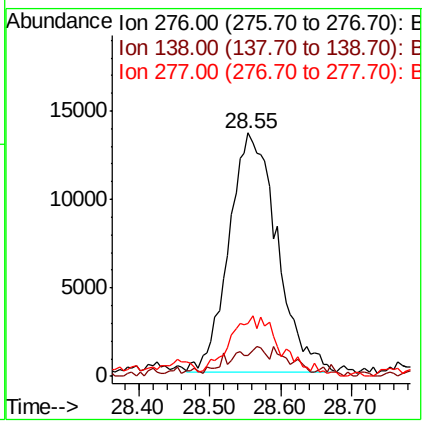




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.391 ng/ul m
RT: 28.55 min Scan# 4334
Delta R.T. -0.01 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:276 Resp: 63876

Ion	Ratio	Lower	Upper
276	100		
138	8.4	9.2	13.8#
277	22.0	19.0	28.6



Instrument :
BNA_G
ClientSampleId :
BEPG5

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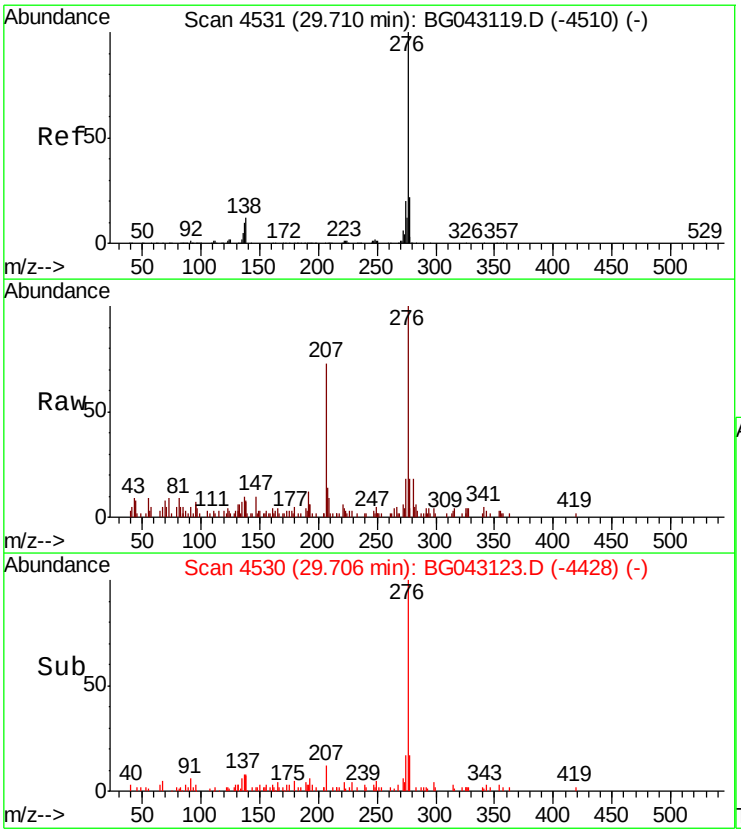
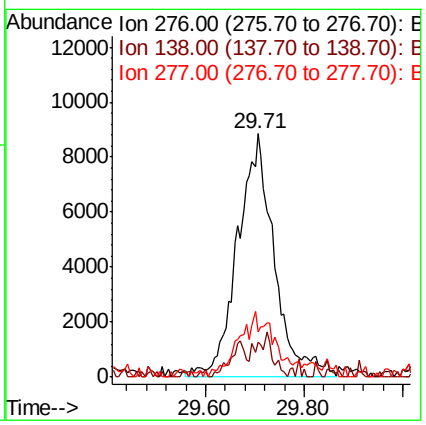


#93
Benzo(g,h,i)perylene
Concen: 1.177 ng/ul m
RT: 29.71 min Scan# 4530
Delta R.T. -0.00 min
Lab File: BG043123.D
Acq: 10 Oct 2019 4:36

Tgt Ion:276 Resp: 45835

Ion	Ratio	Lower	Upper
276	100		
138	7.5	8.7	13.1#
277	18.4	19.1	28.7#